RADIO PARTS GROUP

Electronics & Components

TRADE CATALOGUE 2008-2009

ENTERTAINMENT | PA & AV | COMMUNICATIONS | SECURITY | INDOOR & OUTDOOR | CABLES | COMPUTERS | POWER | COMPONENTS | SERVICE

RADIO PARTS GROUP

CATALOGUE 2008 - 2009

ENTERTAINMENT
Flat panel TVs, DVD recorders, AV receivers, home theatre speaker systems and more…

A

PA & AV
PA amplifiers, wireless microphone systems, loudhailers, AV accessories and more…

B

COMMUNICATION
GPS receivers, Antennas, UHF radios, wireless AV senders and more…

C

SECURITY
CCTV cameras, Digital Video Recorders, Alarm panels and kits and more…

D

INDOOR & OUTDOOR
Appliances, coolers and warmers, clocks, lighting and more…

E

CABLES
AV leads, Coaxial cables, Speaker cables, Network cables and leads and more…

F

COMPUTERS
LCD monitors, multimedia speakers, flash media, blank media and more…

G

POWER
Batteries, power supplies, timers, power boards, fuses, transformers and more…

H

COMPONENTS
Capacitors, plugs and sockets, AV adaptors, semiconductors, switches and more…

I

SERVICE
Chemicals, soldering irons, tools, tool kits, test equipment and more…

J

WELCOME...

Welcome to the 2008-2009 edition of our catalogue, containing thousands of products from a diverse range of categories. We have worked hard in making this edition of our catalogue as easy to navigate as possible. Along side alphabetical indexes, we have also included code number, model number, and brand name indexes, to make finding what you are looking for as easy as possible. We hope you enjoy your copy of the 2008-2009 Radio Parts Group catalogue.

WELCOME TO OUR 2008-2009 CATALOGUE

More recently Radio Parts has undergone some substantial changes from refocusing on our traditional products, rebuilding a more logical and aggressive pricing structure and centralising, so that the focus remains on trade and wholesale and not retail.
The first area of product has involved more global procurement, partnerships, distributorships and agencies with the top names in our industry. Here's a snapshot:

Product

Radio Parts has distributorship status for many of our brands, such as: AiPhone, AKG, Amphenol, Imation, Kingray, Memorex, TDK, TOA, Uniden

The brands of Doss, Pro2 and Wintal also belong to Radio Parts.

We wholesale and reflect the dealer pricing for the following:
Electus Distribution, Garmin, GME, ICOM, Marantz, Panasonic, Pioneer, Sangean, Siemen's, Vogel's

We have also negotiated prices that are far below the trade for selected items, like Melbourne's most popular antenna, the OMX400 and also MobileOne antennas, Yuasa batteries, Oricom phones and many more.

Pricing Rules

Pricing has continued to change and develop over the last few years. A set structure has been adopted to make our trade pricing the most aggressive in the market. It also allows for a dealership structure, where our resellers can take advantage of the best value generic products, as well as the ability to consolidate the known and trusted names in the market.

The pricing is no longer included in the catalogue, in part because prices change too quickly! But here's an overview:

RRP

We have a retail price, which is determined by the best advertised price in the industry. We set the retail price by checking brochures, your feedback and reputable websites.

Trade 1, 2, 3

We have 3 advertised trade breaks. As is the case with the retail price, we check trade prices against our competitors and set our prices consistently below the competitors for every trade break.

Trade 3 or "The End Advertised Price"

"Authorised dealers" receive our Trade 3 (or end advertised price) for any purchase quantity and are often entitled to further discounts when certain order quantities are achieved. Radio Parts doesn't expect our dealers to stock thousands of products, so this allows them to buy in product or operate with lower stock levels without the risk of tying up their cashflow, warehouse space or being stuck with stock.

For the major brand name products, this Trade 3 (End Advertised Price) often represents the price that a dealer would get buying directly from the source. For example, to buy one Uniden phone directly from Uniden costs say $50ex. This would be the end advertised price. A dealer gets the same price if they order 1 phone from Uniden or 1 phone from Radio Parts. So Radio Parts offers the same deal, but we don't have the minimum yearly purchasing requirements of these brands. Radio Parts also offers telephone accessories, cabling and peripherals that are also at a dealer price.

Bulk price breaks

Bulk pricing is available only when a minimum order quantity is reached. These prices may be for a reseller, wholesaler, larger contract or to compete against the large order quantities and lower prices of our international competition.
In the example above, Uniden may offer a 1up price break of $50ex and 4up price break of $45ex for authorised resellers. Our bulk price will reflect their price ($45ex) and quantity requirements (4 units) for their telephones.

We believe that our system is enticing for trade and resellers alike, but if you have questions or a special requirement, please let a member of our sales force know!

Location

We are now operating from a central location, which means that our stock levels have never been more accurate and available. For the first time, despite having an industry leading stock turn, we believe that we will also have less products out of stock than any of the majors. With thousands of parcels also leaving from one central location, we have negotiated a metro Melbourne freight deal that will give accounts and trade card holders free freight for orders over $100 ex. Refer to www.radioparts.com.au for our free freight zone list.
One central location has also meant the reintroduction of Melbourne sales representatives. If you are based in or around Melbourne, then there are now 3 sales representatives at your disposal!

Michael Swann
Sales Manager

EASY ORDERING

Our number one priority has been to make your ordering process as convenient and as seemless as possible. Therefore we have a variety of options to make your purchase experience with Radio Parts a hassle free one. You can jump online and enjoy the convenience of shopping on our web site, or if you like the more personal touch, you can visit our store located centrally in West Melbourne. Alternatively, call us toll free and have your order processed over the phone.

HOW TO ORDER

1 ONLINE
www.radioparts.com.au

2 IN STORE
Visit our showroom for product demonstrations

562 Spencer St. West Melbourne, VIC 3003
Refer to the last page of this catalogue for full contact details.

3 OVER THE PHONE
Call us toll free on: 1800 337 366

SHOP ONLINE

The entire Radio Parts catalogue of products are available for purchase online. At a single destination, you can browse our entire range, view high quality photos and obtain more information on any product that we carry.

Online trade access is granted to account and Trade card holders. By gaining online trade access to the Radio Parts web site, you can see up-to date quantity price breaks and enjoy great savings.

The Radio Parts web site also incorporates strict security to make your online shopping as safe as can be.

- **We do not store credit card information on our servers.**
- **Your credit card details are processed by a third party payment gateway via secure 128 bit SSL data transfer.**

To obtain online trade access:

To be eligible for online access you must first:

- Create a RPG trade account or,
- become a RPG Trade Card holder

Application forms for both Account and Trade card are available for download on our web site www.radioparts.com.au.

Finally, fill out the **Online Access Application** form which is also available on the Radio Parts web site.

Benefits of online access:

- Your personal login to the RPG Trade section
- Trade prices with quantity price breaks
- Track your current and previous orders/ invoices
- Extra content:
  - Downloadable price lists of our entire range
  - Customize page layout and make the web site work for you

Free freight offer

for orders $100 ex. or more

Radio Parts is proud to announce free freight for the metropolitan Melbourne area.

All orders over the value of $100 ex. GST will be dispatched free of freight charges for next day delivery to Melbourne destinations.

Melbourne destinations are defined using our chosen freight forwarder Victoria Express' system. Please check the Radio Parts web site to see if your location is covered.

Payment options

Whether you are paying online or in-store, we have a wealth of payment options to make it easy for you. Apart from the major credit cards, we also accept online B-PAY payments.

Trade Card

The RPG Trade Card provides all the benefits our account customers have enjoyed for so many years.

The major difference between the RPG Trade Card and Account holders are the payment terms.

The RPG Trade card allows you to receive trade prices, with quantity price breaks, but is a cash account, where as Account holders receive 30 day payment terms.

There are no monthly or annual fees to become a RPG Trade Card holder, the only condition to hold on to your Trade Card is to have an annual spending of $500 or more.

To apply for an RPG Trade Card, visit the Radio Parts web site, or fill out the form provided on the back of the catalogue.

RPG TRADE WEB SITE

Apply for an online trade access to the Radio Parts web site, available only to Account and Trade Card holders.

RPG2010FOCUS

Radio Parts is undergoing significant changes with our aim to provide the best service and most competitive and efficient supply of electronics and components to the industry. The following 10 point plan has been developed with our target market firmly in mind. Our primary focus is the improvement of service to the trade and business sectors, with special consideration given to re-sellers of Radio Parts products.

CENTRALISED OPERATION

Radio Parts Group will be operating solely from its West Melbourne head office, providing a central location that assits our customers needs and demands more effectively and efficiently.

IMPROVED STOCK AVAILABILITY

Our buying team is more than happy to source millions of different products from hundreds of our suppliers to suit your needs. But more importantly our buyers focus is achieving a reputation of having the best availability of current stocked items.

BEST TRADE WEBSITE

Currently at www.radioparts.com.au you can browse our entire range, view high quality photos and obtain additional information on any product we carry. Our website team is focused on making the site the most usable and informative in the industry. Currently we are working on related products links and Google search-ability.

TRADE COUNTER

At West Melbourne more of our warehouse will be accessible to customers and a separate 'non-cash' trade counter will be open to account holders. Opening hours will also be extended so orders can be picked up earlier and later in the day.

FREE FREIGHT (MELBOURNE METRO)

All orders over the value of $100 ex GST will be dispatched free of freight charges for next day delivery to Melbourne destinations. Melbourne destinations are defined using our chosen freight forwarders system, Victoria Express.

AGENT REPRESENTATION

Recently our sales people have been working on behalf of Imation representing their brands and company in regional Victoria. Our growing sales force on the road is keen to manage more manufacturers' accounts.

TRADE NEWSLETTERS AND CATALOGUES

The annual catalogue is the 'backbone' of our operation and is one-of-a-kind in the industry. No other publication illustrates the scope and diversity of product that we carry. Although we advise you to visit our website for more up-to-date information, availability and prices, our catalogue is still the most practical tool to assist you finding the right product for the job!

ACCOUNT AND PHONE SUPPORT

Many of you still prefer to call when you need advice, place an order, check your account or a repair. Our phone lines will now be open longer hours by more staff for your convenience. Our phone team is experienced and focused on handling your call as efficiently as possible.

TRADE SHOWS

Later this year we will be inviting people in business to experience the first Electronics and Components Trade Show. Representatives of more than 40 manufacturers and agents will be exhibiting their new and innovative products. We are very excited about the show and hope this experience will be enjoyed by all who attend as part of the industry.

RPG TRADE CARD

Already enjoyed by thousands of card holders, the trade card is a hassle-free way trade customers do business with us. Our focus here is to ensure business & trade customers are identified and automatically receive the benefits associated with being in the electronics and componets industry.

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IMATION — Visit our website: www.radioparts.com.au

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MEMOREX — Visit our website: www.radioparts.com.au

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TELEVISIONS

LCD TVS

9" PORTABLE DIGITAL TV & DVD PLAYER - WINTAL

- 9.2" TFT-LCD Screen ■ 16:9 Widescreen
- Rotating Screen - can flip 270°
- Super ESP (Electronic Shock Protection)

Digital TV
- Standard definition digital tuner

Analogue Tuner
- Analog TV: PAL B/G, PAL D/K PAL I, NTSC M, SECAM and more...

DVD Player
- Multi-region DVD playback
- Media: DVD-ROM, DVD±R/±RW, CD-R/RW

Game Player
- Includes game cd with 300 games
- USB input and SD/ MS/ MMC card reader for playback of supported file formats
- Playback formats: DVD Video, MP3 Audio CD, MPEG4/ DivX (4.x - 5.x) Video, S/VCD, CVD, JPG
- Kit includes car charger, game pad, remote control, stereo headphones, AC power adaptor

PD900	10308900

11" LCD WITH INTEGRATED SD TUNER - WINTAL

Digital and analogue television, music player, vIdeo player, and a high quality photo frame, all-in-one.
- 11" Widescreen TFT-LCD SHARP panel
- High resolution LCD panel: 2400 x 480 pixels
- Contrast: 300:1 ■ Brightness: 300 cd/m2
- 16:9 widescreen aspect ratio
- Analogue and digital tuner
- Media playback [via USB and/or card slot]
  Audio formats: WMA, MP3
  Video formats: MPEG1, MPEG2, MPEG4 (Divx3.0, Divx4.0, Divx5.0, xVid)
- **Image formats:** JPG [Progressive & Baseline]
- Slideshow feature with transition effects and music playback during slideshow
- Built-in 2x 2 W stereo speakers
- Power consumption: ~18 W
- Dimensions: 364 (W) x 200 (H) x 48 (D) mm
- Weight: 1.5kg

WLD1128	43099000

15" LCD TV WITH SD TUNER - WINTAL

- 15"/ 38cm TFT-LCD screen ■ SVA-NEC panel ■ Aspect Ratio: 4:3
- Integrated analogue and SD digital tuner ■ PAL/NTSC ■ Teletext
- Closed Captions ■ Resolution: 1024 x 768 pixels ■ Brightness: 250 cd/m2
- Contrast: 450:1 ■ Viewing Angle: 120° (H) x 110° (V)
- Dot Pitch: 0.299 (H) X 0.299 (V) ■ 16.7 million colour
- Speaker Type: side speaker 3W X 2 ■ Response Time: <16ms
- Multi-Language OSD ■ AV Colour system: PAL/NTSC ■ Wall Mount Support
- **12 V DC power input allows for portable usage such as in caravans, camping trips and more...**
- Connections: Composite AV, Component, VGA, S-video, RF, 12V DC in

WLD1538	43098995

HDMI LCD TELEVISIONS WITH SD DIGITAL TUNERS - WINTAL

WLD1948 WLD2665 WLD3280

Wintal Digital Living

DVB Digital Video Broadcasting | HDMI High Definition Multimedia Interface | HD ready | DOLBY DIGITAL

- 16:9 widescreen TFT-LCD screens ■ Integrated analogue and digital tuners ■ HD Ready 576p/ 720p/ 1080i
- **HD inputs:** HDMI/ Component (YPbPr/YCbCr)/ VGA inputs
- Multi Language OSD ■ AV Colour system: PAL/NTSC ■ Zoom

SD Digital Tuner
- Channel coverage: 200 channels ■ TV colour system: PAL/NTSC ■ Teletext/ Closed Captions
- PIP (Picture-in-Picture: TV -> AV modes ■ Swap ■ Audio system: B/G, D/K ,I ,M ,N , L
- **Connections:** HDMI I VGA I Component (YPbPr/ YCbCr) I S-video I Stereo A/V I 1x PC audio out
- **WLD1948:** 12V DC power input allows for portable usage such as in caravans, camping trips and more.

	WLD1948	WLD2665	WLD3280
Screen size:	19"/ 48cm	26"/ 66cm	32"/ 81cm
Resolution:	1440 * 900 pixels	1366 x 768 pixels	1366 x 768 pixels
Response Time:	<8 ms	<8ms	<8ms
Contrast:	500:1	800:1	1500:1
Brightness:	300cd/m²	500cd/m²	500cd/m²
Dot pitch (H x V):	0.285 x 0.285	0.1405 x 0.4215	0.17025 x 0.51075
Viewing Angle:	160° (H) x 150° (V)	160° (H) x 150° (V)	176° (H) x 176° (V)
Stereo AV In:	1x	2x	2x
SCART input:		■	■
Speakers:	2 x 3W	2x 9W	2x 9W
Power:	12V DC~100-240V AC IEC	100-240V AC IEC	100-240V AC IEC
Consumption:	60 W	≤ 180 W	≤ 220 W
W x D x H:	500 x 42 x 376 mm [413 H mm withstand]	680 x 75 x 475 mm [528 H mm with stand]	810 x 100 x 560 mm [615 H mm with stand]

WLD1948	43098990	19" LCD TV with SD Digital Tuner
WLD2665	43098985	26" LCD TV with SD Digital Tuner
WLD3280	43098980	32" LCD TV with SD Digital Tuner

BENEFITS OF DIGITAL TELEVISION

Digital television provides a leap ahead in picture and audio quality compared to the old analogue system. It also allows TV channels to broadcast extra sub-channels that contain different programming. The following is just a few of the advantages digital tv provides:

DVB Digital Video Broadcasting

IMPROVED TV RECEPTION

GHOST-FREE, FLICKER FREE

WIDESCREEN VIEWING ON YOUR CURRENT TV

STANDARD 4:3 WIDESCREEN 16:9

EXTRA CHANNELS

GUIDES, ABC2, SBS2 AND MORE

HDMI LCD TELEVISIONS WITH HIGH DEFINITION DIGITAL TUNERS

Wintal Digital Living

NEW

- 16:9 widescreen TFT-LCD screens ■ Integrated analogue and HD digital tuners ■ HD 576p/ 720p/ 1080i
- **HD inputs:** HDMI/ Component (YPbPr/YCbCr)/ VGA inputs
- Multi Language OSD ■ AV Colour system: PAL/NTSC ■ Zoom

HD Digital Tuner: Channel coverage: 200 channels ■ TV system: PAL/NTSC ■ Teletext/ Closed Captions

- PIP (Picture-in-Picture: TV -> AV modes ■ Swap ■ Audio system: B/G, D/K ,I ,M ,N , L
- **Connections:** HDMI | VGA | SCART | Component (YPbPr/ YCbCr) | S-video | Stereo A/V | PC audio out

	WLD19HD	WLD22HD	WLD26HD	WLD32HD
Screen size:	26"/ 66cm	32"/ 81cm	26"/ 66cm	32"/ 81cm
Resolution:	1366 x 768 pixels	1366 x 768 pixels	1366 x 768 pixels	1366 x 768 pixels
Response Time:	<8ms	<8ms	<8ms	<8ms
Contrast:	800:1	800:1	800:1	1500:1
Brightness:	500cd/m²	500cd/m²	500cd/m²	500cd/m²
Dot pitch (HxV):	0.1405 x 0.4215	0.1405 x 0.4215	0.1405 x 0.4215	0.17025 x 0.51075
Viewing Angle:	160° (H) x 150° (V)	160° (H) x 150° (V)	160° (H) x 150° (V)	176° (H) x 176° (V)
Stereo AV In:	2x	2x	2x	2x
Speakers:	2x 9W	2x 9W	2x 9W	2x 9W
Power:	100-240V AC IEC	100-240V AC IEC	100-240V AC IEC	100-240V AC IEC
Consumption:	≤ 150 W	≤ 160 W	≤ 180 W	≤ 220 W
W x D x H mm:	500 x 42 x 376 [413 H with stand]	536 x 79 x 395 [432 H with stand]	680 x 75 x 475 [528 H with stand]	810 x 100 x 560 [615 H with stand]

WLD19HD	43099043	19" LCD TV with HD Digital Tuner
WLD22HD	43099044	22" LCD TV with HD Digital Tuner
WLD26HD	43099045	26" LCD TV with HD Digital Tuner
WLD32HD	43099050	32" LCD TV with HD Digital Tuner

CONIA LCD TVS
HDMI LCD TVS WITH HIGH DEFINITION DIGITAL TUNERS

- **HDTV compatibility:** 1080i/ 720p
- Built-in high definition digital tuner
- **PC input:** VGA/ SVGA/ XGA/ SXGA
- **Connections:** AV/ S-Video/ YPbPr/ YCbCr/ DVI-Plus
- Teletext
- 200 programs

CONIA

	CLCD1960HD	CLCD2238HD	CLCD2612HD	CLCD3279HD
Screen size:	26"/ 66cm	32"/ 80cm	26"/ 66cm	32"/ 80cm
Resolution:	1366 * 768 pixels	1366 x 768 pixels	1366 * 768 pixels	1366 x 768 pixels
Response Time:	8 ms	8ms	8 ms	8ms
Contrast:	600:1	1000:1	600:1	1000:1
Brightness:	450cd/m²	450cd/m²	450cd/m²	450cd/m²
Viewing Angle:	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)
Stereo AV:	1x	2x	2x	2x
Speakers:	2 x 7W	2x 10W	2 x 10W	2x 10W
Power:	100-240V AC IEC	100-240V AC IEC	100-240V AC IEC	100-240V AC IEC

CLCD1960HD	43098952	19" LCD TV with HD Digital Tuner
CLCD2238HD	43098827	22" LCD TV with HD Digital Tuner
CLCD2612HD	43098948	26" LCD TV with HD Digital Tuner
CLCD3279HD	43098825	32" LCD TV with HD Digital Tuner

19" LCD TV WITH HD TUNER AND BUILT-IN DVD PLAYER - CONIA

CONIA

- Built-in High Definition Digital Tuner
- Built-in slot-type DVD player
- 48cm Widescreen panel ■ Aspect Ratio: 16:9
- Resolution: 1440 x 900 pixels
- Contrast: 800:1 ■ Brightness: 500cd/m²
- Viewing angle (H/V): 160°
- Response Time: 8 ms
- DVI-Plus input ■ PC Input: VGA | SVGA | XGA
- AV | S-Video inputs
- External adaptor power source
- Built-in speakers ■ Desktop stand

CLCD1960DHD **43098957**

22" LCD TV WITH HD TUNER AND BUILT-IN DVD PLAYER - CONIA

CONIA

- Built-in High Definition Digital Tuner
- Built-in slot-type DVD player
- Widescreen panel ■ Aspect Ratio: 16:9
- HDTV Compatible: 1080i/ 720p
- Resolution: 1680 x 1050 pixels
- Contrast: 700:1 ■ Brightness: 300cd/m²
- Viewing angle (H/V): 170°
- Response Time: 8 ms
- PC Input: VGA | SVGA | XGA | SXGA
- AV | S-Video | Component YPbPr inputs
- External adaptor power source
- Built-in 3 watt speakers ■ Desktop stand

CLCD2238DHD **43098829**

26" LCD TV WITH HD TUNER AND BUILT-IN DVD PLAYER - CONIA

CONIA

- Built-in High Definition Digital Tuner
- Built-in slot-type DVD player
- 1366x768 resolution
- Aspect ratio: 16:9 widescreen
- HDTV compatibility: 1080i/720p
- Contrast: 600:1 ■ Brightness: 450 cd/m2
- Viewing angle: 170° (H/V) ■ Response time: 8 ms
- PC input: VGA/ SVGA/ XGA/ SXGA
- AV/ S-Video/ YPbPr/ YCbCr inputs
- DVI-Plus input ■ Teletext
- Built-in speakers ■ Stand included
- Dimensions: 700 x 200 x 526 mm

CLCD2638DHD **43098833**

GRUNDIG LCD TVS
WIDESCREEN LCD TVS WITH BUILT-IN SD DIGITAL TUNER + DVD PLAYER

NEW

- DVD/CDDA/CDR/CDRW/MP3/VCD compatible DVD players ■ Simple to use automatic set up system
- Teletext ■ **Connections:** Component Input, S-Video Input, Audio (L/R) and VGA
- 12V Cigarette adaptor included - Ideal for caravans and boats ■ Wall Mountable

	GLCD1905WSDVD	GLCD1905WHTDV	GLCD2205WHTDV
Screen size:	19"/ 48cm	19"/ 48cm	22"/ 55cm
Resolution:	1440 * 900 pixels	1440 * 900 pixels	1680 * 1050 pixels
Response Time:	8 ms	8ms	5ms
Contrast:	700:1	700:1	1000:1
Brightness:	300cd/m²	300cd/m²	300cd/m²
Speakers:	2 x 3W	2x 3W	2x 3W
Power:	12V DC~100-240V AC IEC	12V DC~100-240V AC IEC	12V DC~100-240V AC IEC
Weight:	5kgs	5kgs	6.2kgs
W x D x H:	470 x 72 x 355 mm	470 x 72 x 355 mm	536 x 79 x 395 mm

GLCD1905WSDVD	43099010	19" LCD TV with SD Digital Tuner and DVD player - Black
GLCD1905WHTDV	43099015	19" LCD TV with SD Digital Tuner and DVD player - White
GLCD2205WHTDV	43099020	22" LCD TV with SD Digital Tuner and DVD player - White

LG LCD TVS
WIDESCREEN LCD TVS WITH BUILT-IN HD DIGITAL TUNER

- Colour Processing : 14Bit (4.3 Trillion Colours) ■ Aspect Ratio : 16:9 ■ Enhanced Line Doubler
- XD Engine ■ Enhanced Noise Reduction ■ 3D Digital Comb Filter ■ DLTI / DCTI ■ Dolby digital decoder
- Cinema 3:2 Mode ■ DTV Signal Strength ■ Digital audio (S/PDIF) outputs ■ Invisible speaker system

	26LG30	32LG30	37LG30	42LG30
Screen size:	26"/ 66cm	32"/ 80cm	37"/ 93cm	42"/ 106cm
Resolution:	1366 x 768 pixels	1366 x 768 pixels	1366 x 768 pixels	1366 x 768 pixels
Response Time:	6.5 ms (GTG)	8 ms (GTG)	6.2 ms (GTG)	5 ms (GTG)
Contrast:	5000:1	12000:1	12000:1	12000:1
Brightness:	500cd/m²	500cd/m²	500cd/m²	500cd/m²
HDMI:	2x v1.3	3x v1.3	3x v1.3	3x v1.3
Component:	4x	4x	4x	4x
Viewing Angle:	178°	178°	178°	178°
Speakers:	2 x 7W	2x 10W	2x 10W	2x 10W
Weight:	8.61kgs	11.8kgs	16.1kgs	21kgs
W x D x H (mm):	663 x 81.2 x 449.5	802.6 x 78.7 x 543	919 x 88.9 x 609.6	1033 x 91.4 x 663

26LG30	43099500	26" LCD TV with HD Digital Tuner
32LG30	43099503	32" LCD TV with HD Digital Tuner
37LG30	43099506	37" LCD TV with HD Digital Tuner
42LG30	43099509	42" LCD TV with HD Digital Tuner

42" FULL HD LCD WITH 160GB HDD + HD TUNER - LG

- Resolution : 1920 x 1080p
- HD Tuner Built-In ■ 160GB HDD Built-In
- Display off recording (Normal & Timer recording)
- New XD Engine ■ 2 HDMI Inputs
- Brightness : 500cd/m² ■ Contrast Ratio : 5000 : 1
- 14 Bit Colour Processing (4.3 Trillion Colours)

42LB2DE	43098945

42" FULL HD LCD WITH 160GB HDD + TWIN HD TUNERS - LG

- Twin HD Tuner Built-in ■ Resolution: 1920 x 1080p
- 160GB HDD Built-in ■ New XD Engine
- Brightness : 500cd/m2
- Dynamic Contrast Ratio : 15,000 : 1
- 14 Bit Processing (4.3 Trillion Colour)
- Response Time : 5ms ■ 3 HDMI Inputs
- Viewing Angle (S-IPS) : U/P 178°, L/P 178°
- USB Port (MP3, JPEG, EXTERNAL HARD DRIVE)
- DVR features: Pause, Rewind and Replay Live TV
- One Touch Recording in High Definition
- Easy Time Recording ■ Commercial Skip

42LY3DE	43099005

42" FULL HD LCD WITH HD TUNER - LG

- 1080p True HD ■ Resolution : 1920 x 1080p
- New XD Engine ■ Response Time : 5ms
- Brightness : 500cd/m2
- Contrast Ratio : 10,000 : 1
- 14 Bit Processing (4.3 Trillion Colour)
- Viewing Angle (S-IPS) : U/P 178°, L/P 178°
- 3 HDMI Inputs ■ USB Port

47LB9DF	43098946

PANASONIC LCD TVS
LCD TELEVISIONS WITH INBUILT HD TUNERS

Panasonic

	TX-26LXD70A	TX-32LXD70A	TX-32LXD700A
Screen size:	26"/ 66cm	32"/ 80cm	32"/ 80cm
Resolution:	1366 * 768 pixels	1366 x 768 pixels	1366 x 768 pixels
Contrast:	8500:1	8500:1	8500:1
Viewing Angle:	178° (H)	178° (H)	178° (H)
Component in:	2x	2x	2x
HDMI in:	2x	2x	2x
100Hz:			■
PIP:			■
Sound:			SRS TrusurroundXT
SD Card Slot:			■
Power:	98W	134W	138W
W x D x H:	657 x 117 x 473 mm	791 x 117 x 563 mm	836 x 107 x 540 mm

TX-26LXD70A	43098998	26" LCD TV with HD Digital Tuner
TX-32LXD70A	43098997	32" LCD TV with HD Digital Tuner
TX-32LXD700A	43098996	32" 100Hz LCD TV with HD Digital Tuner + SDHC card slot

PHILIPS LCD TVS
LCD TELEVISIONS WITH INBUILT HD TUNERS

PHILIPS

	32PFL7532D/79	32PFL9432D/79	42PFL7532D/79	42PFL9632D/79
Screen size:	32"/ 80cm	32"/ 80cm	42"/ 106cm	42"/ 106cm
Resolution:	1366 x 768p pixels	1366 x 768p pixels	1366 x 768p pixels	1920 x 1080p pixels
Response Time:	8 ms	3 (BEW equiv.) ms	5 ms	3 (BEW equiv.) ms
Contrast:	7500:1	8000:1	7500:1	8000:1
Brightness:	550cd/m²	1200cd/m²	550cd/m²	1200cd/m²
HDMI:	2x	3x	2x	3x
Component:	1x + 2x RGB via SCART			
Connections:	USB (for multimedia), 2x Euro SCART, S-Video, S/PDIF Coaxial audio, headphone out			
100Hz:		■		■
Ambilight:				■ 2 channel
Viewing Angle:	176°	176°	176°	176°
Speakers:	2 x 7W	2x 8W	2x 15W	2x 8W
Weight:	15.5kgs	14.3kgs	26.35kgs	26.1kgs
W x D x H (mm):	805 x 546.5 x 115.5	805 x 547 x 115	1046 x 686 x 118	1046 x 686 x 116

32PFL7532D/79	43095100	32" LCD TV with HD Digital Tuner
32PFL9432D/79	43095110	32" 100Hz LCD TV with HD Digital Tuner
42PFL7532D/79	43095120	42" LCD TV with HD Digital Tuner
42PFL9632D/79	43095130	42" 100Hz LCD TV with HD Digital Tuner

COMMERCIAL LCDS - PHILIPS

PHILIPS

- System ready and future proof
- Integrated SmartCard Xpress Slot for expandability
- Monitor is network controllable for remote management
- Optimized for public viewing
- Wide format WXGA 1366 x 768 resolution
- HDMI input for full digital HD connection
- Operational flexibility for different applications
- Determine different start up settings with **SmartControl**
- Hidden and lockable control buttons
- Lower total cost of ownership
- SmartPower for energy saving
- Wireless SmartLoader for fast cloning
- Sustainable and safe
- Complies with RoHS standards to care for the environment

BDL3231C/00	43095250	32" LCD panel
BDL4231C/00	43095260	42" LCD panel

INNOVATIVE PUBLIC DISPLAY FOR INDOOR APPLICATIONS: WITH SMARTCARD SLOT

Control your costs with these network-controllable 32" & 42" LCD monitor. Whether used in a network or as a single public display, this model offers a variety of features to meet the most demanding public & corporate viewing applications

System ready and future proof
- Integrated SmartCard Xpress Slot for expandability
- Monitor is network controllable for remote management

Optimized for public viewing
- Wide format WXGA 1366 x 768 resolution for sharper display
- HDMI input for full digital HD connection in one cable

Operational flexibility for different applications
- Determine different start up settings with SmartControl
- Hidden and lockable control buttons

Lower total cost of ownership
- SmartPower for energy saving
- Wireless SmartLoader for fast cloning

Sustainable and safe
- Complies with RoHS standards to care for the environment

HD LCD INTEGRATED TV'S - SHERWOOD

Sherwood

- Inbuilt High Definition (HD) DVB-T Digital Tuner\
- Resolution: 1366 x 768 (WXGA) 480p, 576p, 720p, 1080i
- Contrast Ratio: 1200:1 ■ Response Time: 8ms
- PIP, POP ■ 2 x 15W RMS Audio Output
- Removable Bottom Mount Speaker System
- Compatible With VESA Wall Mount Brackets
- 2 x HDMI In ■ 1 x RGB (PC) In
- 1 x Component Video In (YPbPr) ■ 1 x S-Video In
- 1 x Optical Digital Audio Out

LD32ITB2	43098942	32"
LD40ITB3	43098943	40"

PLASMA TVS

42" HD PLASMA - CONIA

CONIA

- 1024 x 768 resolution ■ 16:9 widescreen
- HDTV compatibility: 1080i/720p
- Contrast: 10000:1 ■ Brightness: 1500 cd/m2
- Viewing angle: 160° (H/V)
- PC input: VGA/ SVGA/ XGA
- AV/ S-Video/ YPbPr/ YCbCr/ DVI-Plus inputs
- PIP (Picture-in-Picture) in AV Mode
- Built-in analog tuner ■ Built-in speakers

CPDPH4255 **43100035**

LG PLASMA TELEVISIONS

42" TV WITH INBUILT HD TUNER -LG

LG

- New XD Engine ■ Resolution: 1024 x 768
- Brightness: 1500cd/m² ■ Contrast Ratio: 15,000:1
- 14 Bit Processing (4.3 Trillion Colour)
- 100Hz ■ Clear Filter ■ Sound Output : 10W x 2
- 3 HDMI Inputs ■ USB Port (MP3, JPEG)
- **Size (WxHxD):**
  Without Stand: 1130 x 715 x 85 mm
  With Stand: 1130 x 768 x 310.4 mm
- Weight: 27.05kg/ 30.45kg with stand

42PB4D **43100013**

50" PLASMA WITH INBUILT HD TUNER - LG

LG

- New XD Engine ■ Resolution: 1366 x 768
- Brightness: 1500cd/m2 ■ Contrast Ratio: 15,000:1
- 14 Bit Processing (4.3 Trillion Colour)
- 100Hz ■ Clear Filter ■ Sound Output: 10W x 2
- 2 HDMI Inputs
- **Size (WxHxD):**
  Without stand: 1242 x 827.2 x 88 mm
  With stand: 1242 x 887.6 x 370 mm
- Weight: 34.6kg/ 39.3kg with stand

50PC5D **43100017**

50" PLASMA WITH 250GB HD DVR - LG

LG

- HD Tuner Built-In ■ 250GB HDD Built-In
- Display off recording (Normal & Timer recording)
- New XD Engine ■ Resolution: 1366 x 768
- Brightness: 1000cd/m2 ■ Contrast Ratio: 10,000:1
- 14 Bit Colour Processing (4.3 Trillion Colours)
- 2 HDMI Inputs
- **Size (WxHxD):**
  Without stand: 1382 x 848.5 x 125 mm
  With stand: 1382 x 913 x 377 mm
- Weight: 49.2kg/ 62.2kg with stand

50PB2DR **43100005**

60" FULL HD PLASMA WITH INBUILT HD TUNER - LG

LG

1080P FULLHD

DVB Digital Video Broadcasting HDTV INTEGRATED TUNER HDMI HIGH DEFINITION MULTIMEDIA INTERFACE DOLBY DIGITAL

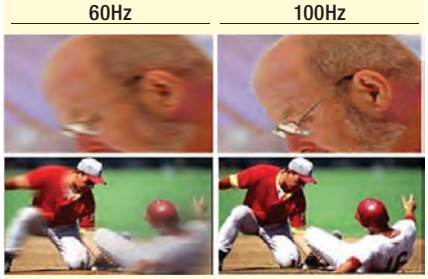
- New XD Engine ■ Resolution: 1920 x 1080p
- Brightness: 1000cd/m² ■ Contrast Ratio: 3000: 1
- 14 Bit Processing (4.3 Trillion Colour)
- 100Hz ■ Sound Output : 10W x 2
- 3 HDMI Inputs ■ USB Port (MP3, JPEG)
- Swivel Stand
- **Size (WxHxD):**
  Without Stand: 1613 x 970 x 98.5 mm
  With Stand: 1613 x 1036 x 452 mm
- Weight: 64.6kg/ 80kg with stand

60PY3DF **43100036**

100Hz True Motion

100Hz allows viewing images at 100 fields per second or 50 frames per second. This is significantly greater than running at 60Hz, and in turn allows for smoother pictures. Especially useful when viewing action sequences or sporting events.

60Hz 100Hz



PANASONIC PLASMA TELEVISIONS

42" PLASMA WITH INBUILT HD TUNER - PANASONIC

NEW

Panasonic

- HD Progressive Plasma Panel (1024 x 768 pixels)
- Integrated HD Digital DVB-T Tuner
- Maximum 1,000,000:1 Contrast (15,000:1 Native)
- 4,096 Equivalent Steps of Gradation for 68.7 Billion Viewable Colours ■ 2 x HDMI Input with Viera Link
- Advanced 3D Colour Management - Effective colour correction without affecting colour balance

TH42PX8A **43100060**

42" PLASMA WITH INBUILT HD TUNER - PANASONIC

NEW

Panasonic

- HD Progressive Plasma Panel (1024 x 768 pixels)
- Integrated HD Digital DVB-T Tuner
- Maximum 1,000,000:1 Contrast (15,000:1 Native)
- 4,096 Equivalent Steps of Gradation for 68.7 Billion Viewable Colours
- 3 x HDMI Input (1 - Front) with Viera Link
- SD Card Slot for JPEG Photo Viewing
- Advanced 3D Colour Management - Effective colour correction without affecting colour balance

TH42PX80A **43100055**

42" FULL HD PLASMA WITH INBUILT HD TUNER - PANASONIC

Panasonic

1080P FULLHD

- VIERA 42" FULL HD Digital Plasma TV
- Integrated HD Digital TV (DVB-T) Tuner
- 3x HDMI Inputs, Viera Link, PC Input, Front inputs with Headphone Out & HDMI in, SDHC card slot for JPEG photo viewing
- 5,000:1 Contrast Ratio with 4,096 Equivalent Steps of Gradation - 68.7 billion Viewable Colours
- 1080p Chipset for High Performance Picture Processing (Full-HD Panel 1920x1080 Resolution
- Advanced Smart Sound Speaker System & SRS TruSurroundXT
- Screen resolution: 1920 x 1080 pixels

TH-42PZ700A **43100026**

50" PLASMA WITH INBUILT HD TUNER - PANASONIC

NEW

Panasonic

- HD Progressive Plasma Panel (1366 x 768 pixels)
- Integrated HD Digital DVB-T Tuner
- Maximum 1,000,000:1 Contrast (15,000:1 Native)
- 4,096 Equivalent Steps of Gradation for 68.7 Billion Viewable Colours ■ 3 x HDMI Input (1 - Front) with Viera Link ■ Advanced 3D Colour Management

TH50PX80A **43100050**

50" FULL HD PLASMA WITH INBUILT HD TUNER - PANASONIC

Panasonic

1080P FULLHD

- Integrated HD Digital TV (DVB-T) Tuner
- 3x HDMI Inputs, Viera Link, PC Input, Front inputs with Headphone Out & HDMI in, SDHC card slot for JPEG photo viewing
- 5,000:1 Contrast Ratio with 4,096 Equivalent Steps of Gradation - 68.7 billion Viewable Colours
- 1080p Chipset for High Performance Picture Processing (Full-HD Panel 1920x1080 Resolution)
- Advanced Smart Sound Speaker System & SRS TruSurroundXT

TH-50PZ700A **43100031**

58" FULL HD PLASMA WITH INBUILT HD TUNER - PANASONIC

Panasonic

1080P FULLHD

- VIERA 58" (147cm) FULL-HD Digital Plasma TV with Integrated HD Digital TV (DVB-T) Tuner
- 3x HDMI Inputs, Viera Link, PC Input, Front inputs with Headphone Out & HDMI in, SDHC card slot for JPEG photo and AVCHD Video viewing
- 10,000:1 Contrast Ratio with 4,096 Equivalent Steps of Gradation - 68.7 billion Viewable Colours
- 1080p Chipset for High Performance Picture Processing (Full-HD Panel 1920x1080 Resolution)
- Advanced Smart Sound Speaker System & SRS TruSurroundXT

TH-58PZ700A **43100033**

CRT

34CM COLOUR CRT TV - TCL

TCL

- Remote control ■ A/V stereo
- Game & Calendar & Notebook ■ Lock Menu
- Energy efficient ■ Side & Rear A/V input
- Rear A/V output ■ Component input - DVD
- W 332 x D 365 x H 390 (mm)

T-34002 **43110005**

51CM COLOUR CRT TV - TCL

TCL

- A/V stereo ■ Remote control
- Game & Calendar & Notebook ■ Lock Menu
- Energy efficient ■ Side & Rear A/V input
- Rear A/V output ■ Component input - DVD
- S-video input ■ 100 Programs
- On screen display ■ W 520 x D470 x H 480 (mm)

T-51N21 **43110010**

51 CM PURE FLAT CRT TV - TCL

TCL

- Pure Flat ■ A/V stereo ■ Remote control
- Game & Calendar & Notebook ■ Lock Menu
- Energy efficient ■ Side & Rear A/V input
- Rear A/V output ■ Component input - DVD
- S-video input ■ 100 Programs
- On screen display ■ W 610 x D 494 x H 462 (mm)

TF-51T18 **43110015**

68CM FLAT CRT TV - TCL

TCL

- A/V stereo ■ Remote control
- Game & Calendar ■ Automatic Volume Control
- Volume Lock ■ Side & Rear A/V input
- Rear A/V output ■ Component input - DVD
- S-video input ■ 100 Programs
- On screen display ■ W 754 x D 501 x H 583 (mm)

T-68T17 **43110020**

PROJECTORS

16:9 HD LCD HOME THEATRE PROJECTOR - PANASONIC

Panasonic

- Native resolution: 1280 x 720 (1920 x 1080 pixels with compression)
- Lines of resolution: 720 ■ Contrast: 6000:1
- Lamp power: 220 W ■ ANSI lumens: 2000
- HDMI output ■ Pure colour filter
- Cinema 1 Mode
- Game mode for enhanced response times and more detail in dark areas

PTAX200E **43190030**

MULTIMEDIA PROJECTOR - BENQ

BenQ

- Native Resolution: XGA (1024 x 768)
- DLP™ Technology by Texas Instruments
- Brightness: 2200 ANSI Lumens
- Lamp: Up to 3000/4000 hours (normal/eco. mode)
- Contrast Ratio: 2000:1
- Weight: 2.5 kg (5.5 lbs)
- Noise Level: <31/28 dB (normal / economic mode)
- Dimensions (WxHxD): 230 x 94 x 298 mm
- Image Size: 24" to 300"
- Throw Ratio: 60"@2m

Inputs:

- Analog D-Sub 15 pin x 1 (shared with component video)
- S-Video, Composite video

MP622C **43190035**

WIDESCREEN PROJECTOR - BENQ

BenQ

Made for any auditorium, colours and details are delivered with crystal-clear smoothness that will even make video projectors blush. Plus, with its unique technology and brightness to spare at 3,500 stunning ANSI lumens, the WXGA projectors will never leave your audience in the dark.

- Native Resolution: WXGA (1280 x 768)
- Contrast Ratio: 2000:1
- Image Size: 25" to 300"
- Aspect Ratio: 15:9 Native
- Accessories: User's manual, Quick Start Guide, Manual CD , Remote Control Batteries for R/C, VGA Cable, VGA to DVI Cable , Power cord

SP830 **43190020**

82" CINEMA ELECTROL PROJECTOR SCREEN - VOGELS

Electrically operated projection screen equipped with an extra high black border on top for optimum viewing

- Aspect Ratio: 16:9 ■ Material: Matt White
- Steel Case: Width: 1911mm ■ Width: 1680mm
- Screen type: ELECTRIC SWT
- Supplied complete with 3-metre connection cable and separate wall switch

CINEMA82	43130210

72" MOTORISED PROJECTOR SCREEN

- Suitable for applications at home or at work where you want the screen to disappear when not in use
- Ideal for multi-purpose rooms that convert to cinemas only when you want it
- Aspect Ratio: 16:9 ■ Image size: 1600 x 900 WH
- Case width: 1951mm
- Bottom bar width: 1808mm
- Max black leader: 600mm
- Minimum side leaders: 35mm
- Net weight: 9kg

LPM17	43136024

WARRANTIES

All our LCD, PLASMA, CRT televisions and projecters now come with optional in-home extended warranty choices.

Provided by United Electrical who have over 4000 service locations around Australia.

Visit the Radio Parts web site or call us on 1800 786 331 for more information.

TVS : INCLUDES LCD, CRT AND PROJECTORS

Price Range	Model	Code	
$0 TO $500 UPGRADE	TVUG1Y500	67000501	Upgrade +1 Yr
$0 TO $500 UPGRADE	TVUG2Y500	67000502	Upgrade +2 Yrs
$0 TO $500 UPGRADE	TVUG5Y500	67000505	Upgrade total 5 Yrs
$501 TO $1,000 UPGRADE	TVUG1Y1K	67001001	Upgrade +1 Yr
$501 TO $1,000 UPGRADE	TVUG2Y1K	67001002	Upgrade +2 Yrs
$501 TO $1,000 UPGRADE	TVUG5Y1K	67001005	Upgrade total 5 Yrs
$1,001 TO $2,000 UPGRADE	TVUG1Y2K	67002001	Upgrade +1 Yr
$1,001 TO $2,000 UPGRADE	TVUG2Y2K	67002002	Upgrade +2 Yrs
$1,001 TO $2,000 UPGRADE	TVUG5Y2K	67002005	Upgrade total 5 Yrs
$2,001 TO $3,000 UPGRADE	TVUG1Y3K	67003001	Upgrade +1 Yr
$2,001 TO $3,000 UPGRADE	TVUG2Y3K	67003002	Upgrade +2 Yrs
$2,001 TO $3,000 UPGRADE	TVUG5Y3K	67003005	Upgrade total 5 Yrs
$3,001 TO $6,000 UPGRADE	TVUG1Y6K	67006001	Upgrade +1 Yr
$3,001 TO $6,000 UPGRADE	TVUG2Y6K	67006002	Upgrade +2 Yrs
$3,001 TO $6,000 UPGRADE	TVUG5Y6K	67006005	Upgrade total 5 Yrs

PLASMA TVS

Price Range	Model	Code	
$0 TO $1,500 UPGRADE	PLUG1Y15	67001511	Upgrade +1 Yr
$0 TO $1,500 UPGRADE	PLUG2Y15	67001512	Upgrade +2 Yrs
$0 TO $1,500 UPGRADE	PLUG5Y15	67001515	Upgrade total 5 Yrs
$1,501 TO $3,000 UPGRADE	PLUG1Y3K	67003011	Upgrade +1 Yr
$1,501 TO $3,000 UPGRADE	PLUG2Y3K	67003012	Upgrade +2 Yrs
$1,501 TO $3,000 UPGRADE	PLUG5Y3K	67003015	Upgrade total 5 Yrs
$3,001 TO $6,000 UPGRADE	PLUG1Y6K	67006011	Upgrade +1 Yr
$3,001 TO $6,000 UPGRADE	PLUG2Y6K	67006012	Upgrade +2 Yrs
$3,001 TO $6,000 UPGRADE	PLUG5Y6K	67006015	Upgrade total 5 Yrs

SET TOP BOXES

SD STBS

MINI SD DIGITAL SET TOP BOX - WINTAL

- Easy to use and setup
- Ideal for portable use: Boats, caravans, and more
- Dual power: 12 V DC/ 240 V AC
- YPbPr component video output
- Extension infrared eye for concealed installations
- S/PDIF coaxial audio output ■ RF loop out
- Compact size: 100 (W) x 75 (D) x 25 (H) mm

Also available:
12V car adaptor lead

STB12V	43126052	
STB12VCA	43126053	12V car adaptor

SD DIGITAL SET TOP BOX - WINTAL

- Suitable for the reception of all free-to-air digital TV broadcasts
- Standard 4:3 and 16:9 Widescreen picture modes
- Up to 1000 editable TV and 1000 radio stations
- Logical channel numbering [LCN]
- Channel list editor > Copy I Move I Delete/ Add to favourites
- Integrated digital text > Teletext I Closed captions
- S-Video and Component (YPbPr) video outputs
- CD quality sound > S/PDIF coaxial & optical audio
- Timer with programmable daily or weekly events
- RS-232 port for software upgrades
- Dimensions: 249 W x 160 D x40 H mm

STB1SD	43126054

SD DIGITAL SET TOP BOX - DOSS

Equipped with the latest technology and design, the DSTB510 digital receiver is ensured to offer high reliability and stability

- Full DVB-t & MPEG-2 compliance
- Built-in RF Modulator ■ 1000 channels memory
- Electronic Program Guide & Information Screen
- S/PDIF Coaxial and Optical Digital Audio Output
- Software Upgrade via RS-232 Serial Port
- Signal level & Quality indicator ■ PAL/NTSC
- Standby with low power consumption
- High sensitivity Genuine Philips Tuner
- Dimensions: 52 (H) x 260 (W) x 197 (D) mm

DSTB510	43126042

ACIES DIVERSITY BOAT/ CARAVAN STB - GME

The Acies DVB-T Digital Set Top Box has been specifically designed for mobile digital terrestrial reception for all mobile installations. Constantly monitoring information from two integrated tuners to generate the best signal quality and consequently the best possible pictures, whether parked, moored or underway.

- Fully MPEG-2 and DVD-T compliant
- Receives signal at speeds up to 150 kms/hr
- Conformally coated PCB ■ Infrared remote control
- Extension infrared eye for concealed installations
- Tough construction with wall mount option

See Communications page C-9 for diversity antenna

GT9600	43126060

HD SET TOP BOX - HEALING

- Broadcaster Electronic Program Guide (EPG) display
- Digital AV and Component High Definition outputs
- Powerful RTD2881 HD processing chip
- Optical and Coaxial Digital Audio outputs
- Stores up to 1000 TV and Radio channels
- Teletext and SuperText subtitle functions
- Menu Picture in Picture (PIP) function
- Excellent HD picture quality
- Resolutions: 1920 x 1080i, 1280 x 720p, 720 x 576p and 720 x 576i
- Centre Cut option plays HD on 4/3 displays without black bars
- 45mm High x 260mm Wide x 290mm deep
- RCU Receiver Extension

HHT890	43121040

HD STBS

HD SET TOP BOX WITH HDMI - WINTAL

- High quality Sharp HD digital tuner
- Fully MPEG-2/DVB compliant
- MEPG-2 HD/SD decoding (MP@HL/ML)
- Dolby AC-3 or MPEG-1 audio decoding
- Dolby 5.1 channel or PCM digital audio output
- High Definition Output: YPbPr Output: 1080i/720p/576p, VGA output: 1080i/720p/576p, HDMI output: 1080i/720p/576p
- CVBS and S-VIDEO output: PAL/NTSC/SECAM
- Conversion between SD programs and HD programs
- 4:3 Standard ■ 16:9 Widescreen
- Connections: RF Input, RF Loop out, HDMI output, S-Video output, Component output, Composite AV output, RS232 Serial Port: DB-9 Female, VGA Output: DB-15 Female, Digital Audio Output: Optical S/PDIF
- Size: 357 (W) x 225 (D) x 62 (H) mm

STB1HD	43120660

HD SET TOP BOX - LG

- HDMI Output
- Multiple Output Resolution Modes: 1080i, 720p, 576p, 576i
- 5.1Ch Dolby Digital Audio
- 4:3, 16:9 Pictures
- Electronic Program Guide / Teletext
- Closed Captions ■ Parental control
- Coaxial/Optical Digital Audio Output
- S-Video/Component Video Output
- WxHxD (mm) : 460x154x343(gross)

LST6100P	43121039

SD PVRS

PVR (Personal Video Recorder)

PVRs basically allow you to record digital television to integrated hard drives. But you can do so much more; like pause and rewind live TV, skip playback and more. Some models, like the Wintal PVRX2 also have feature USB output which allows you to transfer your recordings to a PC.

Common features on most Wintal SD and HD PVRs:

Time-shifting
A PVR with a built-in timeshift buffer (typically one hour) allows you to pause, rewind and playback live television.

Chase Play
Allows you to start watching a recording that is already in progress without having to wait for the program to finish recording in order to watch it.

Time Slip
Allows you to play a previously recorded program while simultaneously recording a live broadcast.

Schedule recordings
Set and forget: schedule your favourite TV shows for once, daily, or weekly recordings.

TWIN TUNER SD PVR WITH 160GB - WINTAL

160 GB

- Genuine twin SD digital tuners allow you to record 1 channel and watch or record a second
- Time-shifting | Chase Play | Time Slip Schedule recordings ■ **USB to PC output** Allows you to transfer recordings from your PVRX2, to your PC for viewing and archiving
- Built-in RF modulator
- Component | S-Video | S/PDIF Optical outputs
- On screen help menu
- Record and store up to 70 hours of digital television
- Size: 357mm x 252m x 62mm

PVRX2	43126043

HD PVRS

TWIN TUNER HD PVR WITH 320GB HDD - WINTAL

NEW

320 GB

With the majority of TV channels in Australia starting to heavily broadcast in HD, the PVR2HD is the perfect solution to all your SD and HD television needs.

- **Dolby digital 5.1ch audio | 1080i HDMI Output** The high definition multimedia interface output allows a single cable to transmit the highest digital audio and video to any other HDMI enabled device
- Record and store up to 120 hours SD or 75 hours HD digital television on the in-built hard drive
- **Genuine Twin Tuner** Allows you to record 2 shows simultaneously and also watch a third pre-recorded program or a third live sub-channel (ABC2, SBS2 etc.)
- Time-shifting | Chase Play | Time Slip Schedule recordings
- **Channel edit functions:**
- **IR Learning Remote control**
- **High definition outputs [1080i]** 1x HDMI | 1x Component (YPbPr)
- 2x RF in | 2x Loop out | 1x stereo A/V out
- 1x S-Video out | S/PDIF optical out | RS-232
- Dimensions: 360 x 250 (D) x 60 (H) mm

PVR2HD	43126045

TWIN TUNER HD PVR WITH 160GB HDD - LG

- Resolution: 1920x1080i, 1280x720p, 720x576i/p
- Twin HD Tuner -Record 2 channels simultaneously
- HDMI Out ■ Time-shift Recording
- Coaxial/Optical Digital Audio Output
- S-Video/Component Video Output

160 GB

LST5402P	43121036

NETWORK HD PVR WITH 320G HDD - TVIX

320 GB

- Ultimate Digital Jukebox for Movie / Music / Image / DVD Backup files ■ Decoding and viewing almost all formats of MPEG1 MPEG2/ MPEG4/ XVID files
- Support high-definition AVI files up to 1920X1080
- Playback DVD VOB files in HDD just like DVD
- Playback MP3, WMA, OGG, WAV, FLAC music files
- Playback JPG/ JPEG image files
- USB host port to connect digital camera/ flash drive/ external HDD
- Ethernet port to connect PC (NetShare, FTP, Samba)
- Optional Wireless LAN extension through USB port
- Support NTFS, FAT32, FAT file systems

PVR4130HDD	09006047

SATELLITE RECEIVERS

AURORA SATELLITE CARD - SELECTTV

A Broadcast service that is transmitted on the Optus C1satellite (formerly Optus B3) and permits viewers in poorly served TV transmitter coverage areas to watch their free to view (FTV) television via satellite in digital format using a satellite dish and decoder anywhere in Australia

- Requires activation

OAC1	01001500

SUBSCRIPTION CARD - SELECTV

The Smart Card will allow your Set Top Box to access the broadcasting signal so you can watch the channels you have purchased

- Package includes months 2 & 3 free of charge

STVC	01001200

SELECTV RECEIVER AND CARD KIT -SELECTV

SELECTV CARD AND SATELLITE RECEIVER PACK

The only package you need to start enjoying satellite tv from Selectv. Choose this if you do not have an existing satellite receiver to go with the Selectv card.

- MPEG-2/ DVB Compliant ■
- 4000 TV & Radio Channels
- MP layer I & II, CD quality audio sound
- S/PDIF Digital audio output
- Separate TV/ Radio List & favourite group list
- Kit includes: Selectv subscription card, receiver, remote control, RCA lead, and user manual

STVC+R	01000100

IRDETO ENABLED SATELLITE RECEIVER - HEALING

A new irdeto Conditional Access receiver for use with Pay TV and Free to Air, Satellite Television and Radio broadcasts. The friendly On Screen Display makes operation easy, and fast.

- Receives Irdeto Encrypted and Free to Air Digital Satellite TV & Radio
- Receives Ku and C band SCPC and MCPC satellite transmissions
- USALS, DiSEqC 1.2, 13/18V, 0/22K & 0/12V positioner controls
- Component RGB and YPbPr Video Outputs
- Picture in Graphics (PIG) function
- Proven Thomson STi chip set

HSI860	01001025

SATELLITE RECEIVER - DOSS

NEW

Irdeto CA Embedded Digital Satellite Receiver

- Powerful single chip LSILogic SC2005
- DVB-S/MPEG2 compliant ■ Irdeto CA support
- Aspect ratio 4:3 &16:9
- More than 2000 channels memory capability
- S-VIDEO output ■ RF Modulator:CH21-69
- Software upgrade via RS232
- S/P DIF digital audio output
- 260 (W) x 200 (D) x 52 (H) mm ■ Weight: 1.6Kg

DSR500S	01001030

BLU-RAY

PLAYERS

BLU-RAY PLAYER - PANASONIC

Unleash the full potential of high definition video

- BD, DVD-Video, DVD-RAM, DVD-R/-RW, DVD+R/+RW, CD, CD-R/RW, MP3, JPEG
- Full-HD - High Definition Playback: 1080p/24p Playback Capability with P4HD
- i/p Conversion from 1080i to 1080p
- 16-Level Motion Detection with Pixel-Based Motion Adaptive
- Bonus View - PIP Support (Final Standard Profile)
- Bitstream output for Dolby Digital Plus, Dolby TrueHD, DTS-HD, DTS-HD MA
- HDMI 1.3 Deep Colour
- 148.5MHz/12bit Video D/A Converter
- SD Card slot: SDHC Compatible, AVCHD Supported

DMPBD30A	10304517

CD

PLAYERS

AZUR CD PLAYER - CAMBRIDGE AUDIO

NEW

Cambridge Audio

Cambridge Audio Azur 640C V.2 CD Player

Cambridge Audio's flagship CD player

- Toroidal transformer for lower noise and less waveform distortion
- IR Discrete codes ■ Full system remote control
- IR emitter input
- Dual differential anti alias filtering
- Control Bus input/output
- 2 x Wolfson WM8740 24bit/192kHz DAC (Dual differential operation)
- Low resonance acoustically damped chassis
- Frequency Response: 10Hz to 20KHz +/- 1dB
- THD: 0.002% ■ Dynamic Range: > 100dB
- Channel Separation: > 90dB
- Correlated Jitter: < 260ps

640CV2	08850090

5 DISC CD PLAYER WITH MP3 / WMA - DENON

DENON

This 5-disc carousel CD changer equipped with MP3/ WMA decoders, is purpose designed for use in long play applications such as background music and is also perfect for the lazy CD owner.

The DCM-500AE features DENON's own 5-disc changer mechanism for smooth, quiet operation, has Denon's Advanced Multi level Noise Shaping 96/24 DACs for excellent sound and is stylistically matched to the Denon Advanced Evolution Hi-fi range.

- MP3 / WMA decoder
- Advanced multi level noise shaping DAC
- 8 Times oversampling digital filter
- Synchronized recording function
- Intelligent disc scan
- Coaxial and optical digital output
- Headphone Output 6.3mm socket
- Dimensions: (W x H x D) 434 x 120 x 400 mm
- Weight: 6.3kg
- Available in black or silver

DCM500AEBK	08859102	●
DCM500AESP	08859103	●

SINGLE CD PLAYER - MARANTZ

- 24-bit/192kHz DAC from Cirrus Logic offering advanced Delta Sigma architecture
- Solid metal front and rigid chassis construction
- CS4398 D/A Converter
- Audio circuitry with Marantz HDAMs
- Playback of CD, CD-R, CD-RW
- Playback of mp3 and WMA files
- CD-Text ■ Display off ■ Headphone socket
- Quick Replay ■ Pitch Controls: 1
- Digital Optical and Coaxial audio ouputs
- Dimensions W x D x H mm 440 x 283 x 87

CD6002	08859115

5 DISC CD PLAYER - MARANTZ

- 5 Disc Carousel Type Changer
- Reliable, high quality mechanism (stable, low resonance)
- Capable for CD, CD-R, CD-RW Playback
- RS232C Control Terminal (One-way Communication)
- Program/Delete Program Function
- 10 Repeat/4 Random Play Modes
- 1 Disk/All Disc Intro Scan Mode
- 4 Disc Replaceable During 1 Disk Playing
- Discrete Power On/Standby Command
- Discrete Disc Select Command
- 1 Optical/1 Coaxial Digital Output
- RC-5 Code for Remote Control (D-bus)
- Headphone Terminal and Volume

CC4300	08859120

SINGLE CD PLAYER - YAMAHA

YAMAHA

Single CD player featuring Yamaha's advanced digital technology for clear, dynamic sound with all the delicate nuances of the original recording

- 20-track programmable play and auto display off
- CD-R/RW disc playback compatibility
- Numerous convenient playback functions (40-track programmable play, random play, and A-B, single track and entire disc repeat)
- Auto space insert ■ 3-mode CD Text display
- Peak search ■ CD-tape synchro rec start
- Intelligent Digital Servo
- Oversampling separate DAC
- Low-impedance power supply for stable signal path
- Display dimmer ■ Aluminium front panel
- Dimensions (W x H x D): 435 x 87 x 287 mm

CDX397B **08859127**

5 DISC CD PLAYER - YAMAHA

YAMAHA

5-Disc Carousal-type CD Changer offers uninterrupted enjoyment of high sound quality with superior digital performance and easy operation with CD-RW disc compatibility, custom control interface and CD Text display

- Yamaha patented Play Xchange for enjoying uninterrupted music
- CD-R/RW disc compatibility
- 40-track random access programmable play & clear
- RS-232C interface, IR In/Out and detachable power cord for custom installation ■ Peak search
- CD-tape synchro rec start ■ Disc (intro) scan
- 3-mode CD Text display
- Random play with disc-to-disc random play
- Repeat play ■ Music/skip/index search

CDC697B **08859126**

CD PLAYER/ RECORDER WITH 200GB HDD - YAMAHA

YAMAHA

- Rip over 200 GB onto the hard disk, then group the songs together for playback and recording
- High quality recording and playback
- On-screen display lets you view disc, album and track titles on a TV or monitor
- Title input with PC (via RS-232C)
- Time search useful for searching long recordings, such as those recorded from the radio
- Digital and analogue recording level control
- Automatic synchronised sampling rate conversion: 96kHz, 48kHz, 44.1kHz, 32kHz
- SCMS (Serial Copy Management System)
- Digital Move transfers copy protected data from the hard disk to a blank disc, then erases it from the hard disk
- Analogue copy onto a blank disc, data remains on hard disk

CDRHD1500 **08857085**

SINGLE CD PLAYER - SHERWOOD

Sherwood

- 1-Bit D/A Converter ■ 8 Times Oversampling
- 3-Beam Laser Pick-up ■ DTS Digital Output
- Optical Digital Output ■ Programmable Memory
- Music Calendar (14) ■ Random Play (1/ All)
- Intro Scan and Delete Play (Via Remote)
- CD Synchro Record ■ Tape Edit/Length Adjustment
- Headphone Output Jack ■ Display Off/Dimmer
- Digi-Link III ■ Gold-Plated RCA Jacks
- Dimensions (W x H x D): 440 x 95 x 250mm

CD5090R **08859128**

5-DISC CD PLAYER - SHERWOOD

Sherwood

- 5-Disc Carousel ■ Dual 1-Bit (Twin) D/A Converters
- 8 Times Oversampling ■ Coaxial Digital Output
- 3-Beam Laser Pick-up ■ DTS Digital Out
- Programmable Memory
- Random Play (1/Sequential/All)
- Repeat Mode (1/Disc/All)
- A-B Repeat (Via Remote) ■ CD Synchro Record
- Elapsed/Remaining Time Button ■ Remote Control
- Headphone output with volume control
- Multi-Function Fluorescent Display
- Digi-Link III ■ Gold-Plated RCA Jacks
- Frequency Response: 10-20KHz
- Signal-to-Noise Ratio: 95 dB ■ THD: <0.003%
- Dynamic Range: 90 dB ■ Weight: 6.5Kg
- Dimensions (WHD): 440 x 111 x 380mm

CDC5090R **08853570**

DVD PLAYERS

1080I HDMI DVD PLAYER - WINTAL

Wintal

A 1080i upscaling DVD player with a multitude of supported video and audio file formats. With it's HDMI output, use only one cable to connect high quality video and audio to any HDMI enabled device, such as your flat screen TV or AV receiver

- Disc formats: DVD | DVD+/-R | DVD+/-RW | CD-R | CD-RW | SVCD |HDCD | Kodak Picture CD
- Media playback: Play audio and video files via supported disc formats and the USB port
- MPEG4 video, DivX video, MP3 audio, JPEG photos MPEG4 subtitle support ■ Dolby Digital AC3 audio
- HDMI video: 576p/ 720p/ 1080i
- USB 2.0 for playback of supported formats
- HDMI digital audio/ video
- Component-video (Progressive Scan/ Interlaced)
- S-Video ■ Composite video (CVBS)
- Stereo Audio Left & Right ■ 5.1ch audio out
- Optical S/PDIF digital audio
- Coaxial S/PDIF digital audio
- Aspect ratio: 4:3 standard/ 16:9 widescreen
- PAL/NTSC playback ■ Multi-language OSD

PDVD20HD **10308105**

1080P HDMI DVD PLAYER - CAMBRIDGE AUDIO

Cambridge Audio

The DVD99 is a 'universal' player that supports DVD-Audio (DVD-A) and Super Audio CD (SACD) for audiophile quality playback

- DVD – Video, DVD – Audio, SACD, DVD +/-R/RW, CD/CD-R/CD-RW, MPEG4/DivX
- DivX® playback
- DVI-D and HDMI outputs
- Coaxial and optical digital outputs
- Front-mounted USB port to access exterior storage
- Decodes Dolby Digital soundtracks via six channel analogue out
- PAL or NTSC interlaced or non interlaced
- Elegant and ergonomic remote control

DVD99 **10300050**

1080P HDMI DVD PLAYER - DENON

DENON

- HDMI interface with multi channel audio (480P, 576P/720P/1080i/1080P scaling)
- HDMI 1.1 (HDCP Compatible-SiL 9030): HDMI 1.0
- Selectable Scaling (via HDMI) up to 1080p
- Fujifilm Fujicolor and Kodak Picture CD Compatible
- Progressive Scan featuring DCDi by Faroudja
- 11 bit/ 216MHz high resolution video D/A converters
- DVD-Audio/Video, Super Audio CD universal player
- 24-bit, 192-kHz high resolution audio D/A converters ■ 2 MB buffer memory
- DVD-R/RW (DVD-Video Mode) / DVD+R/RW playback Official DivX Certified™ product
- Available in Black or Silver

DVD1740BK **10308913** ●
DVD1740SR **10308914** ●

1080P HDMI DVD PLAYER - DENON

DENON

- DVD – Video, DVD – Audio, SACD, DVD +/-R/RW, CD/CD-R/CD-RW, MPEG4/DivX
- HDMI for direct connection to a Plasma/LCD etc..
- DivX Playback (3.11 / 4.x / 5.x)
- Dolby Digital, DTS, DVD-A and SACD decoders with 5.1 analogue outputs
- 24 Bit/192kHz Burr Brown DACs
- HDMI v1.1 for multichannel audio via HDMI
- 216MHz/12bit D/A Converter
- Pure Direct mode with video circuit off setting
- 1080p HDMI video scaling
- RGB SCART Output ■ Component video out
- Farouja DCDi FLI-2301
- PAL & NTSC Progressive Scan Output
- High-quality aluminium front Panel
- MP3 & JPEG playback
- 2 MB Buffer Memory for smoother playback
- Selectable Video Modes Auto1 / Auto 2 / For Film Detection (24/30 fps rates)
- Digital bass management and time correction
- Available in Black or Silver

DVD1940BK **10308920** ●
DVD1940SR **10308921** ●

1080P HDMI DVD PLAYER - DENON

- Progressive Scan ■ Latest I/P converter (RE ON VX) from Silicon Optix, inc. ■ Supports PAL & NTSC ■ Dual Discrete Video Circuit (DDVC)
- Denon Pixel Image Correction, for more natural colour correction ■ High-performance video scaler capable of 1080p output for HDMI
- High-speed, high-precision 12-bit 216MHz video DAC ■ Supports fine picture quality adjustments
- Simultaneous output possible for all video signals
- HDMI digital audio output up to 6 channels

DVD2930SR	10308907	

1080I HDMI DVD PLAYER - MARANTZ

- High quality playback of DVD-V, SVCD, DVD-R/RW, CD, MP3, WMA, JPEG and DivX discs
- HDMI and Component Video connectivity
- PAL progressive scan
- 108MHz/10-bit video DAC ■ 192kHz/24-bit DAC
- Solid metal front panel and a rigid metal chassis
- Display OFF function ■ Marantz D.Bus link
- RS-232 interface for external 3rd party control and software upgrades
- Available in black or silver

DV4001B	10308254	●
DV4001S	10308255	●

HDMI DVD PLAYER - YAMAHA

HDMI DVD Player provides the highest standard for both audio and video quality, this slim DVD Player includes many excellent features, such as HDMI interface and DivX® Ultra Certification

- HDMI interface ■ Progressive Scan
- MP3, JPEG, DivX® and WMA playback
- Easy operation with GUI (Graphical User Interface)
- Picture CD playback with thumbnail display
- NTSC/PAL conversion
- MP3/JPEG simultaneous playback for slide show

DVS5950S	10308251

1080I HDMI DVD PLAYER - YAMAHA

- HDMI digital AV output
- USB port for direct playback of MP3/WMA/DivX®/ JPEG from USB devices
- High definition JPEG picture playback
- Progressive Scan (NTSC/PAL)
- Plays all versions of DivX® video (includingDivX® 6) with enhanced playback of DivX® media files and the DivX® Media Format
- MP3/JPEG simultaneous playback for slide show
- MP3, JPEG, DivX® and WMA playback
- Two widescreen modes for HDMI
- Perfect match for Yamaha AV receivers

DVDS661	10308093

1080P HDMI DVD PLAYER - YAMAHA

- HDMI (Ver. 1.1) output including 1080p video out
- Noise Shaped Video ■ Faroudja DCDi processing
- Progressive Scan (NTSC/PAL)
- 216MHz/12-bit video DAC
- DVD-Audio and Super Audio CD playback
- 192kHz/24-bit audio DAC
- Audio Direct mode ■ Bass Management
- MP3, JPEG, DivX® and WMA playback
- RS-232C interface for a touch-panel controller
- Wide screen mode selection

DVDS1700B	10308026

5 DISC DVD PLAYER - YAMAHA

- Progressive Scan SA-CD/DVD-Audio DVD Changer
- 108MHz/12-bit video DAC
- Video Picture modes
- MP3, JPEG, DivX and WMA (Multisession) compatibility ■ NTSC/PAL conversion
- JPEG/MP3 simultaneous playback for slide show
- CD Text display ■ 3-step dimmer
- Screen saver ■ Resume (5-Disc Memory) Play
- Disc Lock function
- Parental Lock function (DVD only)
- Multi-angle, multi-aspect, multi-language and multi-subtitle capabilities

DVDC750	10308044

DVD PLAYER - PANASONIC

- Advanced Progressive Scan
- Multi-format Playback: MP3, WMA, HighMAT, SVCD, DVD-R, DVD-RAM, JPEG ■ FL Display
- HighMAT ■ Easy Access for data from PC
- Coaxial Digital Out: For DTS, Dolby Digital
- Dialogue Enhanced ■ Headphone Surround
- MP3, WMA & JPEG Navigation Menus
- High-speed scan ■ Position memory ■ Sleep timer
- Onscreen Quick Setup Guide ■ Variable Zoom
- Dimensions: 55 (H) x 430 (W) x 227 (D) mm

DVDS33-K	10304515

1080P HDMI DVD PLAYER - PANASONIC

- High Resolution 1080p Up-Conversion
- Multi-Format Playback Including MP3 & DivX
- In-built Dolby Digital and DTS decoders
- 12-Bit Digital to Analogue Converter
- Fully-Functioned Remote Control
- HDMI and Component Video Outputs
- Coaxial Digital Audio Output
- Advanced Progressive Scan
- Digital Noise Reduction
- Up to 64x High Speed Search
- 430 (W) x 43 (H) x 263 (D) mm
- Weight: 2kg

DVDS54	10304519

DVD PLAYER - LG

- Super Slim Design: Only 35 mm high
- Multi-Format Playback: DVD-Video/DVD±R/ DVD±RW/SVCD/VCD, Audio CD/CD-R/CD-RW/MP3 CD/WMA, JPEG, DivX Playback
- Progressive Scan
- Music Photo Album
- Coaxial Digital Audio Output
- S-Video/Component Video Output

DV380	10308915

1080I HDMI DVD PLAYER - LG

- Super Slim Design (35mm)
- Multi-Format Playback
- DVD-Video/DVD±R/DVD±RW/SVCD/VCD/Audio CD/CD-R/CD-RW/MP3 CD/WMA/ JPEG
- DivX Playback
- HD Up Conversion
- Resolution: 1080i, 720p, 576p, 576i
- HDMI Output ■ USB Plus
- Progressive Scan / Music Photo Album

DV298H	10308904

1080P HDMI DVD PLAYER - LG

- 1080P Up-Conversion via HDMI Out
- Multi-Format Playback
- DivX Playback
- DVD-R : DVD±R/RW, CD-R/RW, MP3CD, DivX, Video CD, SVCD
- Video DAC : 108MHz/14bit
- JPEG Slideshow with MP3 play
- HDMI and Component outputs
- 5.1 Ch/ Coaxial/ Optical out
- Dimension(WxHxD) : 35mm x 430mm x 195mm
- Weight (Kg) : 1.7kg

DV390H	10308916

RECORDERS

DUAL FORMAT DVD RECORDER - WINTAL

- DVD±R/±RW recorder ■ Built-in TV tuner
- Progressive Scan DVD player
- MP3, DivX, xVid, JPG playback
- Dolby Digital audio decoder
- Record from multiple sources TV, DVD2, AV inputs, camcorders, pay TV, digital set top boxes etc
- DV 1394 (Mini Firewire) interface
- USB-to-DVD Archiving

DVDRX40	10308049

DVD + HDD SD RECORDER WITH 320GB - WINTAL

320 GB

NEW

Wintal Digital Living

Record DVD quality digital television on to DVD+ or DVD- recordable media or on to the built-in 320GB hard drive!

The brand new DVDRX320SD features:

- DVD±R/±RW recorder ■ 320GB hard drive
- Recording hours: High quality: 74 hours, Standard: 153 hours, Super long: 446 hours
- Built-in analogue & SD Digital Tuner
- Progressive Scan DVD player
- MP3, DivX, xVid, JPG playback
- Dolby Digital audio decoder
- Optical I Coaxial S/PDIF outputs
- Record from multiple sources TV, DVD2, AV inputs, camcorders, pay TV, digital set top boxes etc
- DV 1394 (Mini Firewire) interface
- USB-to-DVD I USB-to-HDD I DVD-to-HDD I HDD-to-DVD archiving

Connections:

- Analogue and SD tuner inputs
- Stereo AV input and output
- S-Video output ■ 5.1ch audio outputs
- Component input
- Coaxial and Optical S/PDIF digital audio outputs
- RS232 port for software upgrades

Stylish recording indicator

DVDRX320SD **10308260**

DUAL FORMAT DVD/ DVD-RAM RECORDER - PANASONIC

Panasonic

- Super Multi-Format Recording & Playback
- Record to DVD±R/±RW Dual Layer discs
- 1 Second Quick Start for Recording on DVD-RAM
- Time Slip, Chase Play, Simultaneous playback and record while using
- 2x Recording Resolution in LP Mode
  Enjoy viewing extended recordings (4 hours, single-sided DVD-RAM/-R) with exceptionally detailed images and 2x the picture quality
- DV-Input for Auto Recording & Playlist Creation
- Widescreen (16:9) Recording - Ideal for use with Flat Panel Televisions
- Dual-Layer Recording
  Enables significantly longer recording times
- 4x Natural Gradation
  Greater natural gradation and amazingly rich pictures are delivered with 4096 steps of grey

DMRES15 **10308075**

DVD + HDD SD RECORDER WITH 160GB - PANASONIC

160 GB

Panasonic

- Integrated DVB-T Digital SD Tuner
- Up to 284hrs recording time on the 160GB HDD
- HDMI Connection: Superior picture & sound quality + Viera Link Control
- Super Multi-Format Recording & Playback
- High Definition (1080P) Up-conversion via HDMI
- Playable Disk Types: DVD-RAM, DVD-R, DVD-RW DVD+R, DVD+RW, CD-R, CD-RW, DVD-R DL, DVD+R DL
- Playable File Formats: DivX, MP3, JPEG
- Memory Card Slot: SD Card ■ SDHC Card
- Surround Sound: Dolby Digital (Digital out only)

DMREX77 **10308909**

DVD + HDD SD RECORDER WITH 250GB - PANASONIC

250 GB

Panasonic

- Integrated DVB-T Digital SD Tuner
- Up to 443hrs recording time on the 250GB HDD
- HDMI Connection: Superior picture & sound quality + Viera Link Control
- Super Multi-Format Recording & Playback
- High Definition (1080P) Up-conversion via HDMI
- Playable Disk Types: DVD-RAM, DVD-R, DVD-RW, DVD+R, DVD+RW, CD-R, CD-RW, DVD-R DL, DVD+R DL
- Playable File Formats: DivX, MP3, JPEG
- Memory Card Slot: SD Card, SDHC Card
- Surround Sound: Dolby Digital (Digital out only)

DMREX87 **10308910**

DVD + HDD SD RECORDER WITH 160GB - LG

160 GB

- Digital Tuner Built In ■ Resolution: 576i, 576p
- Hard Disk Capacity: 160GB Max 228 Hours
- Multi-Format Recording (DVD±R/±RW Compatible)
- HDMI Output ■ 8.5GB Double Layer(+R) Recording
- Multi-Format Playback ■ Digital Teletext
- Front Input (DV In, S-Video, AV)
- Time Shift Recording ■ Easy Timer Recording

LG

RH2T160 **10308905**

DVD + HDD SD RECORDER WITH 250GB - LG

250 GB

- Standard Definition STB Built In (576i, 576p)
- Hard Disk Capacity: 250GB (up to 726 Hrs)
- Multi-Format Recording (DVD±R/±RW Compatible)
- HDMI Output ■ 8.5GB Double Layer(+R) Recording
- Super Multi Recording ■ Advanced Time-shift
- Simultaneous Record & Play ■ PIP
- DV Input for Camcorder
- OAD / EPG (Upto 8 days)

LG

RH2T250 **10308922**

PORTABLE

PORTABLE MINI DVD PLAYER - WINTAL

Wintal Digital Living

- Playback media and disc formats: DVD Video I DivX/ MPEG4 I MP3 I S/VCD I CD-R/RW I JPG I Kodak Picture CD I DTS and more
- Game CD with 300 games ■ SD/ MMC card slot
- Hi-Speed USB port ■ Game controller (USB) port
- PAL I PAL 60 I NTSC playback
- Compact size: 175 (W) x 135 (D) x 28 (H) mm

PDVD636 **10308636**

9" PORTABLE DVD PLAYER - WINTAL

Wintal Digital Living

- Portable DVD Player with built-in digital and analog turner ■ 9.2" TFT-LCD Screen ■ 16:9 Widescreen
- Rotating Screen - can flip 270°
- Super ESP (Electronic Shock Protection)
- SD DVB-T and Analog tuner
- Game Player: Includes game cd with 300 games
- USB input ■ Card Reader
- Media: DVD-ROM, DVD±R/±RW, CD-R/RW
- Playback formats: DVD Video, MP3 Audio CD, MPEG4/ DivX (4.x - 5.x) Video, S/VCD, CVD, JPG

PD900 **10308900**

LCD HEADREST SUPPORT FOR PD900 - VOGELS

IDEAL SUPPORT FOR THE PD900

vogel's

DVDock headrest support for portable DVD players is the ideal solution for 'backseat entertainment'

- Fits in most cars (except Volvo) & compatible with most players up to 10'' (screen size)

EMC5000 **43130205**

CARRY/ COVER CASES FOR PORTABLE TVS

PDPC

- Suits most 7" portable TVs
- Includes carry case and head rest/ seat cover
- 210(W) x 160(H)x 30(D)mm approx.

PD800C

- Headrest/ Seat Cover to suit most 8" TVs
- Includes separate case for external battery
- 250(W) x 180(H)x 35(D)mm approx.

PDPC **08879909** For 7" TVs

PD900C **08879912** For 8" TVs

VCRS

4 HEAD VCR - LG

- Turbo Rewind ■ ez Power off/ Repeat
- CM(Commercial Message) Skip ■ 1month/ 7-Event
- Video Doctor ■ NTSC Playback on PAL TV
- Energy saving System ■ Long Play & Record
- Digital Tracking System ■ Pause & Still
- Real time counter ■ Tape Remain display

GC480W 64736501

6 HEAD HIFI VCR - LG

- Turbo Rewind ■ ez Power Off/ Repeat
- CM(Commercial Message) Skip ■ 1month/ 7-Event
- Video Doctor ■ NTSC Playback on PAL TV
- Energy Saving System ■ Digital Tracking System
- Pause & Still ■ Frame Advance ■ Child Lock
- Tape Remain display ■ Long Play & Record

GC990W 64737501

COMBO

DVD PLAYER/ 6 HEAD VCR COMBO - LG

- Slim Design (78.5mm)
- Multi-Format Playback: DVD-Video/DVD±R/ DVD±RW/SVCD/VCD/VHS, Audio CD/CD-R/CD-RW/MP3 CD/WMA, JPEG, DivX Playback
- Progressive Scan ■ Music Photo Album
- Coaxial Digital Audio Output
- S-Video/Component Video Output

V271 10308253

VCR / DVD RECORDER COMBO WITH DIGITAL TUNER & HDMI - PANASONIC

- HDMI ■ Dual Layer Recording
- Integrated SD digital tuner with RF pass through
- DVD-RAM, DVD-RAM (VR), DVD+R, DVD-R, DVD-R (Video), DVD-RW(VR), DVD-RW, DVD-RW (Video), DVD+RW
- New HDAVI (allows you to control Panasonic equipment connected via HDMI)
- Up-scales resolution to 1080p
- Plays pre-recorded DVD's & CD's
- Super Multi-Format Recording & Playback
- 4x Natural Gradation ■ 2x LP Horizontal Resolution
- 1 Second Quick Start for Recording
- Chasing playback allows you to watch the start of a program while still recording it
- Non-linear editing ■ DV input
- MP3 / JPEG Playback (CD/DVD)
- One-Touch Two Way Copying with the VCR
- PAL & NTSC Progressive Scan Output

DMR-EZ47V 10308912

AMPS & RECEIVERS

STEREO AMPLIFIERS

AZUR 60W INTEGRATED AMPLIFIER V2 - CAMBRIDGE AUDIO

incognito NEW

Cambridge Audio

Azur 540A (Version 2) amplifier

- 60 (8Ω)/ 80 (4Ω) watts per channel
- CAP5™ protection system with no sound quality degrading active circuitry added into the signal path
- Incognito Ready™ (Type 1) A-Bus multi-room outputs
- Control Bus In and Out ■ IR emitter in
- Improved volume, tone and balance controls
- New custom designed 3-way terminals
- Solid aluminium front panel with acoustically damped chassis and all metal casework
- All new navigator style Azur remote control
- Frequency Response: 5Hz to 50KHz +/- 1dB
- Signal to Noise Ratio (No weighting): >85dB
- Dimensions (W x D x H): 430 x 310 x 100mm
- Weight: 7.4 kg

540AV2 01618915

AZUR 75W INTEGRATED AMPLIFIER V2 - CAMBRIDGE AUDIO

incognito

NEW Cambridge Audio

Azur 640A (Version 2) amplifier

- 75 (8Ω)/ 100 (4Ω) watts per channel
- Improved pre-amp and power amp circuitry
- CAP5™ protection system with no sound quality degrading active circuitry added into the signal path
- Incognito Ready™ (Type 1) A-Bus multi-room outputs
- Control Bus In and Out ■ IR emitter in
- Improved volume, tone and balance controls
- New custom designed 3-way terminals
- Solid aluminium front panel with acoustically damped chassis and all metal casework
- All new navigator style Azur remote control
- Frequency Response: 5Hz to 50kHz +/- 1dB
- Signal to Noise Ratio (No weighting): 90dB
- Dimensions (W x D x H): 430 x 310 x 100mm
- Weight: 7 kg

640AV2 01618920

incognito

See page A-15 for Incognito accessories!

Incognito is the world's most flexible multi-room system. In its simplest form you can connect one or two Incognito keypads and passive speakers directly to your Incognito Ready Cambridge Audio amplifier or AV Receiver

45W HIGH CURRENT STEREO AMP - DENON

DENON

- HC Single Push-Pull Circuit
- 45W + 45W (8Ω, 20 Hz - 20 kHz, THD 0.07%) 70W + 70W (4Ω, 1 kHz, THD 0.7%)
- Total harmonic distortion 0.02% (8Ω, 1 kHz)
- Pre Amplifier Section ■ RIAA deviation
- Tone controls
- Dimensions W434 x H121 x D307 mm
- Weight: 6.5 kg

PMA500AE 01611098

50W HIGH CURRENT STEREO AMP - DENON

DENON

- HC Single Push-Pull Circuit
- 50W + 50W (8Ω, 20 Hz - 20 kHz, THD 0.07%) 100W + 100W (4Ω, 1 kHz, THD 0.7%)
- Total harmonic distortion 0.01% (8Ω, 1 kHz)
- Pre Amplifier Section ■ RIAA deviation
- Tone controls
- Dimensions W434 x H121 x D337 mm
- Weight: 7.0 kg

PMA700AE 01611096

75W ULTRA HIGH CURRENT STEREO AMP - DENON

DENON

- UHC (Ultra High Current)-Single-Push-Pull-Circuit
- 75 W x 2 (8Ω)/ 140 W x 2 (4Ω)
- UHC-MOS FET
- UHC Single Push-Pull Circuit
- LC (Leakage Cancelling) Mounted Twin Transformers
- High-Speed Rectifier Circuit
- Highly Rigid, Separated Chassis
- Large, Gold-Plated Speaker Terminals
- High-Performance MM & MC Phono Equalizer
- Convenient Remote Control for Main Functions

PMA1500BK 01611094

60W STEREO AMPLIFIER - YAMAHA

YAMAHA

- 60 Watts per channel
- Switchable CD/DVD Direct Amplification
- Super Audio CD and DVD-Audio Ready with Extended Frequency Response ■ Linear Damping
- High Dynamic Power, Low-Impedance Drive Capability
- Continuously Variable Loudness Control and Bass/ Treble/Balance Controls (with Centre Clicks)
- Remote Controllable Motor-Driven Volume Control

AX-397B 01618853

85W RMS HIGH CURRENT STEREO AMP - YAMAHA

YAMAHA

Yamaha Natural Sound Stereo Integrated Amplifier

- ToP-ART (Total Purity Audio Reproduction Technology)
- Switchable CD/DVD Direct Amplification
- Super Audio CD and DVD-Audio Ready with Extended Frequency Response
- Linear Damping
- Remote Controllable Motor-Driven Volume Control
- 85W + 85W (8Ω, 20 Hz - 20 kHz, THD 0.0019%) 100W + 100W (6Ω, 20 Hz - 20 kHz, THD 0.038%) 120W + 120W (6Ω, 1kHz, THD 0.7%)
- Frequency Resp. (CD Direct On): 10 Hz-100 kHz ±1 dB
- Dimensions (W x H x D): 435 x 151 x 391 mm
- Weight: 9.5 kg

AX-497B **01618876**

50W STEREO AMPLIFIER - SHERWOOD

Sherwood

- 50 Watts x 2 @ 8 ohm with 0.2% THD
- Frequency Response: 40Hz ~20kHz
- 5 audio inputs ■ Bass and Treble controls
- Tone Direct ■ Balance control ■ Speaker
- A.B Selector ■ Headphone out jack
- Fluoro display ■ Sleep Timer
- Size: 141 x 440 x 330mm (HWD)

AX4103 **01614780**

STEREO RECEIVERS

100W STEREO RECEIVER - WINTAL

Wintal Digital Living

- Digital AM/FM tuner with 64 station presets, (AM 32 Preset, FM 32 Preset)
- Tone Control (treble/bass)
- 4 stereo audio inputs; 1 stereo audio outputs
- Headphone jack and speaker-on/off control
- Stereo mode: 100Watt+100Watt 8Ω RMS
- Signal to noise ratio>85 dB
- Dimensions: 435mm(L)×363mm(W)×144mm(H)

RX1000 **01618831**

75W STEREO RECEIVER - DENON

DENON

- iPod control port and room-to room flexibility
- Signal Level Divided Construction (SLDC) chassis
- 75 watts x 2 (8 ohms, 20 Hz - 20 kHz, 0.08% THD)
- 56-Station AM/FM Random Preset Memory Tuning
- RDS with RadioText ■ Pure Direct mode
- Tone Defeat ■ A/B Speaker Switching
- Dimensions: 434 (W) x 147 (H) x 414 (D) mm
- Weight: 9.0 kg

DRA500AEBK **01618878**

80W STEREO RECEIVER - DENON

DENON

- Aluminium front panel, aluminium knobs
- Discrete amp: 2x 105 W (4Ω), 2 x 80 W (8Ω)
- iPod ready (ASD-1R) ■ 2 lines FL dot matrix display
- Pure Direct ■ SLDC construction
- 6 Audio inputs incl. Phono, DAB/FM/AM
- RDS and Radiotext
- Multi Zone (2 Source, 3 Zones), Video Switching
- Dimensions 434 (W) x 147 (H) x 417 (D) mm
- Weight 9.7 kg

DRA700AESP **01618880**

50W STEREO RECEIVER - YAMAHA

YAMAHA

- Pure Direct Amplification
- Super Audio CD and DVD-Audio Ready with Extended Frequency Response
- Linear Damping
- High Dynamic Power Capability
- Remote Controllable Motor Driven Volume Control
- Speaker A, B or A+B Selection
- Continuously Variable Loudness Control and Treble/ Balance Controls (with Center Clicks)

RX397 **01618402**

75W STEREO RECEIVER - YAMAHA

YAMAHA

- High dynamic power, low-impedance drive capability
- XM Satellite Radio Ready
- Multi-Zone Control Capability ■ Subwoofer Out
- Remote Controllable Motor-Driven Volume Control
- Continuously Variable Loudness Control
- Preset Remote Unit ■ RoHS Compliant
- 40-Station AM/FM Random Access Preset Tuning
- Auto FM Station Memory and Preset
- Editing (Auto Station Memory)

RX497 **01618456**

100W STEREO RECEIVER - YAMAHA

YAMAHA

- High Sound Quality with ToP-ART
- Switchable CD Direct Amplification
- Super Audio CD and DVD-Audio Ready with Extended Frequency Response ■ Linear Damping
- High Dynamic Power, Low-Impedance Drive Capability ■ XM Satellite Radio Ready
- Multi-Zone Control Capability with Dedicated Zone Remote Unit ■ Preset Remote Unit for Main Zone
- Continuously Variable Loudness Control
- Subwoofer Out ■ RoHS Compliant
- Remote Controllable Motor-Driven Volume Control

RX797 **01618404**

100W STEREO RECEIVER - SHERWOOD

Sherwood

- 105 Watts RMS per channel with no more than 0.9% THD, from 40 Hz to 20 kHz, 8 ohms
- Totally Discrete Amplifiers for all channels (TDAS)
- Switching for two pairs of loudspeakers (in parallel)
- Phono Section ■ 43-Key Remote Control
- AM and FM Stereo ■ 4-Gang FM Front end
- 30 Station Presets ■ Sleep Timer
- 5 Audio Inputs (including Tuner)
- Digital Encoder Volume Control
- System Illumination (Dimmer) ■ Tone Direct
- Dimensions: 17 3/8" W x 5"H x 13" D

RX4109 **01614765**

100W STEREO RECEIVER - SHERWOOD

Sherwood

- Rated at 100 Watts RMS x 2 with less than 0.20% from 20 Hz to 20 kHz into 8 ohms
- 100 watts x 4 in Multi-room mode
- 25-Key Unified Remote Control
- Switching for four pairs of loudspeakers
- 5 Audio Inputs including phono and Tuner
- Multi-source, dual-zone capable for use as free-standing unit or as a Zone 2/3 receiver/amplifier
- Bass and Treble Tone Controls
- Totally Discrete Amplifier Stage (TDAS)
- Quartz PLL Synthesized Digital Tuning
- Preset Scan ■ 30 Station Presets (Random)
- Digital Encoder Volume Control
- System Illumination ■ Sleep Timer
- Dimensions: 17 3/8" W x 5" H x 13" D

RX5502 **01614770**

AV RECEIVERS

100W 6.1CH AV RECEIVER - WINTAL

Wintal Digital Living

- 6 x 100W RMS Output ■ AM/FM Tuner
- Dolby Digital Decoder ■ DTS Decoder
- DTS-ES/ Discrete/ Matrix/ ProLogic IIx
- 6 Surround Modes: Live/ Theatre/ Church/ Disco/ Stadium/ Hall ■ Full Tone Control
- Optical/ Coaxial/ S-Video A/V Connections
- Video In: 4x S-Video In | 4x RCA In
- Video Out: 1x S-Video Out | 1x RCA Out
- Audio In: 6x L&R RCA | 1x Optical | 2x Coaxial 5.1ch RCA In
- Audio Out: 1x Left & Right RCA Out
- Tuner: 75Ω FM ■ AM Loop

AVR2015 **01618790**

AZUR 80W 6.1 HDMI AV RECEIVER - CAMBRIDGE AUDIO

Cambridge Audio

- 80W per channel @ 8 Ohms all channels driven/100W per channel @ 8 Ohms 2 channel
- Redesigned discrete amplification stages using high current transistor
- High performance Crystal CS42518 multi DAC and CS493263 DSP
- Video inputs 3 composite/2 S-video/2 component video/2 HDMI
- Digital inputs 4 coaxial/4 optical
- Processes Dolby Digital/DTS 5.1/DD EX/DTS ES 6.1/Dolby PLII and PLIIx/DTS Neo:6
- Post processing with PLIIx or Neo:6 to create 6.1 output from 2.0/5.1 material
- Advanced Bass Management
- On Screen Display (OSD)
- FM/AM tuner with RDS and 30 presets
- RS232 control | IR emitter In
- Solid aluminium front panel plus an ultra rigid, acoustically dampened chassis
- Navigator style Azur remote control

540RV3	01618924

AZUR 100W 7.1 HDMI AV RECEIVER - CAMBRIDGE AUDIO

Cambridge Audio

- HDMI switching allows latest DVD players and set-top boxes to be routed to the TV
- 32-bit DSP, 24/192 capable DACS
- Power output of 7 x 100 watts rms per channel, 8 ohms (all channels driven)
- Analogue video up-conversion (transcode composite to s-video, s-video to component)
- HDTV capable via component video or HDMI / DVI
- Dolby Digital and DTS formats in 5.1, 6.1 and 7.1 supported
- Dolby Pro Logic® II or IIx and DTS Neo:6 decoded in 5.1, 6.1 and 7.1
- Post processing of 5.1 or 6.1 digital material with PLIIx or DTS Neo:6 to turn these formats into full 7.1
- 5.1, 6.1 and 7.1 analogue input for connection of a DVD Audio or SACD players
- On Screen Display (OSD) ■ FM/AM tuner
- A-BUS™/ Incognito Ready™ multi-room outputs
- RS232 port, IR emitter In, Control Bus In/Out
- Audio Split mode to watch and listen to different sources

640R	01618928

75W 7.1CH HDMI AV RECEIVER - DENON

DENON

- The Latest Audio and Video Support
- Deep Colour 30/36 bits colour depth and xvYCC broader colour space support
- HDMI1.3a inputs/outputs allow to handle HD audio and video signal with higher speed
- State-of-the-art Denon Solutions for Maximising Content Quality
- Identical quality and power for all 7 channels
- Compressed Audio Restorer
- HD Video Circuit
- New chassis construction for clear audio & video signal
- Minimum signal path
- Direct Mechanical Ground for stable drive
- iPod® audio, photo and video playback (optional ASD product family)
- Auto set-up and Room EQ, featuring MultEQ from Audyssey
- New back panel layout
- Dolby Digital EX / Dolby Digital / Dolby Pro Logic IIx DTS-ES / DTS 96/24 / DTS Neo:6 / DTS
- 3 Quick Select Buttons
- Night Mode for neighbour friendly listening

Connections:

- 2x HDMI/ 3x Component/ 3x S-Video/ 4x composite/ 8x analog audio/ 2x optical/ 2x coaxial/
- Dimensions (WxHxD) 434 x 171 x 383 mm
- Weight 10.9 kg

AVR1508SR	01611116

75W 7.1CH HDMI AV RECEIVER - DENON

DENON

Same feature set as the AVR1508, plus:

- Component video up conversion
- Dimensions (WxHxD) 434 x 171 x 383 mm
- Weight 11.1 kg

AVR1708BK	01611110	Black
AVR1708SR	01611111	Silver

85W 7.1CH HDMI AV RECEIVER - DENON

DENON

Same feature set as the AVR1708, plus:

- Higher output power
- New 32bit floating point DSP
- Video up conversion capable of output to HDMI
- Dimensions (WxHxD) 434 x 171 x 383 mm
- Weight 11.2 kg

AVR1908BK	01611105	Black
AVR1908SR	01611106	Silver

incognito

Incognito is the ultimate discreet and easily installed way to share the benefits of your hi-fi and video across your home at a surprisingly affordable price.

Multi-Room Entertainment

In today's digital world, being able to access audio and video entertainment through one centralised home system offers huge advantages. Multi-room systems also avoid the ugly wires and clutter resulting from having hi-fi and video source equipment in each room.

To-date multi-room systems have had a reputation for being expensive, difficult and costly to install. To make matters worse, they're often difficult to upgrade. Until now… Cambridge Audio, the pioneer of innovative, cost effective high performance audio systems, has developed Incognito.

What is Incognito?

Incognito is the ultimate discreet and easily installed way to share the benefits of your hi-fi and video across your home at a surprisingly affordable price.

Incognito is designed around the user…

- A cost-effective, modular based system compatible with virtually every brand and type of hi-fi source - CD/DVD players, music servers, tuners etc
- Incognito is totally scalable. Normally fitted as a hub-based system for music across the home, Incognito is also available 'à la carte' and can be as simple as installing a pair of active in-ceiling speakers featuring an IR receiver
- Up to six pieces of hi-fi or video equipment can be connected to an Incognito audio or video hub for ultimate flexibility
- Unlike some multi-room entertainment systems, Incognito features hi-fi grade components for a more accurate sound
- A local input function enables connection of additional components in each zone e.g. a DVD player or games console located in that room

INCOGNITO DESK MOUNT KEYPAD - CAMBRIDGE AUDIO

Cambridge Audio

It offers a source select, volume, bass and treble controls. Working on the A-BUS™ standard, installation is simple with just one Cat5 / Cat5e cable connection to the hub and standard speaker cable to Incognito passive speakers. Amplification is cleverly built into the BK10 and a pre-amp output is provided for driving external amplifiers or an active sub-woofer if required.

BK10	39894080

INCOGNITO WALL MOUNT KEYPAD - CAMBRIDGE AUDIO

Cambridge Audio

A stylish wall controlled amplified keypad which features intuitive design for full control of inputs, volume, bass, treble and power.

KP10	39894082

INCOGNITO CONTROL HUB - CAMBRIDGE AUDIO

Cambridge Audio

Enables users to access any of six audio sources (CD player, tuner etc.), the AH10 then distributes music and video around the house simultaneously, using just one run of Cat5 or Cat6 cable per zone.

- Six routed IR emitter outputs
- Loop outputs for all six audio sources

AH10	39894084

100W 7.1CH AV RECEIVER - DENON

DENON

Same feature set as the AVR1908, plus:

- Higher output power
- Faroudja DCDi Processing up to 1080p
- Analog to HDMI upconversion
- 2 zone multi source ■ Remote in/ out
- RS-232C control
- 5x S-Video/ 5x composite/ 9x analog audio/ 3x coaxial
- Dimensions (WxHxD) 434 x 171 x 420 mm
- Weight 12.6 kg

AVR2308BK	01611100	Black
AVR2308SR	01611101	Silver

110W 7.1CH TRUE HD AV RECEIVER - DENON

DENON

Same feature set as the AVR2308, plus:

- Higher output power
- Lossless audio: Dolby True HD & DTS-HD Master
- Dual new 32bit floating point DSP
- MultEQ XT (with max 8 points measurement)
- 12bit/216MHz video encoder with NSV
- Auto Lip Sync (HDMI 1.3a)
- 3 zone multi source capability
- Digital to analog conversion for multi-zone output
- Dual component outputs
- Touch-screen remote and 2nd zone remote
- 7x S-Video/ 7x Composite/ 10x analog audio/ 4x optical
- Dimensions (WxHxD) 434 x 171 x 420 mm
- Weight 12.8 kg

AVR2808BK	01611070	Black
AVR2808SR	01611075	Silver

130W 7.1CH HDMI/ NETWORK AV RECEIVER - DENON

DENON

Same feature set as the AVR2808, plus:

- Higher output power
- Dolby Digital Plus & DTS-HD High resolution audio
- 12bit/216MHz video encoder & decoder with NSV
- Analog to HDMI plus HDMI to HDMI up conversion
- Network audio via PC or DLNA server
- Over 7000 Internet radio stations
- Mass storage support USB for audio playback
- New Colour graphical user interface and Zone2 OSD
- 4x HDMI/ 1x Ethernet/ 2x USB
- Dimensions (WxHxD) 434 x 171 x 420 mm
- Weight 17.8 kg

AVR3808BK	01611047	Black
AVR3808SR	01611052	Silver

IPOD DOCK CONTROL - DENON

DENON

This handy dock makes it easy to enjoy music from your iPod with many Denon receivers and home theatre systems. You can select songs and control playback using your Denon remote.

- Plays audio from all docking iPods
- Plays video from video iPods
- Allows iPod control with Denon remotes
- iPod recharges automatically when docked
- RCA stereo audio output ■ S-video output
- 104(W) x 28.5(H) x 76.5(D)mm

ASD1RWT	01618851	●
ASD1RWBK	01618852	○

IPOD CONTROL DOCK WITH NETWORK - DENON

DENON

- Plays iPod Music, Photo & Video
- Plays Music and Photo playlists from your PC
- Plays up to 7000 Internet Radio stations
- DLNA compliant
- GUI (Graphical User Interface) operation such as changing TV channels or switching inputs
- Compatible with most amplifiers and televisions

ASD3NBK	01618860	●
ASD3NWT	01618861	○

IPOD CONTROL DOCK WITH WIFI - DENON

DENON

- Plays iPod Music, Photo & Video
- Music and Photo Network playback from PC
- Plays over 7000 Internet Radio Stations
- WiFi Certified ■ DLNA certified
- Supports WMA, AAC, MP3, WAV, FLAC for audio and JPEG for photos
- GUI (Graphical User Interface) operation such as changing TV channels or switching inputs
- Compatible with most amplifiers and televisions

ASD3WBK	01618865	●
ASD3WWT	01618866	○

*iPod's not included

60W 5.1CH AV RECEIVER - MARANTZ

marantz

- 60Wx 5 AV Receiver
- DTS, Dolby Digital & Dolby Prologic II Decoding
- 5 Simulated Surround Modes (Matrix/Church/ Theatre/Hall/Stadium) ■ Tone Control (Bass/Treble)
- 2 Component Inputs & 1 Monitor Output
- 3 Digital Inputs(1 Optical/2 Coaxial)
- Subwoofer Pre output
- Adjustable Cross Over Frequencies: 80~160 Hz
- Wide Range Power Amplifier for All Channels
- Auto Scan & Preset Memory (Upto 30 stations)
- NIGHT Mode Dynamic Range Control (Multi-Step)
- Headphone Jack ■ Sleep Timer
- Weight 9.7 Kg

SR301	01618846	

80W 7.1CH HDMI AV RECEIVER - MARANTZ

marantz

- 7x 80 Watts RMS full discrete wide range amplifier
- Decoding for High Definition (HD) Audio from Blu-ray Disc™ or HD DVD (via HDMI)
- MRAC for one touch auto speaker set-up
- 2 in / 1 out HDMI repeater for digital audio and video
- 192 kHz / 24-bit D/A converters on all channels
- HT-EQ (Cinema equalization) and Dolby Headphone
- OSD menu structure with front panel cursor control
- Video conversion: S-Video to Component Video
- Pure direct mode for best audio performance
- Learnable system remote control with backlit
- Room Acoustic Calibration with EQ by Audyssey
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx

SR4002B	01618875	

100W 7.1CH HDMI AV RECEIVER - MARANTZ

marantz

- 7 x 100 Watts AV Receiver
- Room Acoustic Calibration with EQ by Audyssey
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Dolby Headphone and Dolby Virtual Speaker II
- HDMI video switching / repeating
- High grade video conversion with line memory up
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- Multi-Room / Multi-Source for audio
- Four Component Video inputs
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode and Video off mode
- RS-232C port, IR flasher inputs and DC triggers
- RDS tuner with 60 random presets
- Learnable system remote control with backlight

SR6001B	01618849	●
SR6001S	01618850	●

110W 7.1CH HDMI AV RECEIVER - MARANTZ

THX CERTIFIED 7.1 AV RECEIVER

- THX Select2 certified Current Feedback
- Decoding for High Definition (HD) Audio from Blu-ray Disc™ or HD DVD (via HDMI)
- Room Acoustic Calibration with EQ by Audyssey
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Dolby Headphone and Dolby Virtual Speaker II
- 4 in / 1 out HDMI switching / repeating
- High grade video conversion with line memory up
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- Multi-room/ multi-source for audio & video with OSD
- Pure direct mode and Video off mode for best analogue sound
- RS-232c port, IR flasher inputs and DC triggers
- Function rename for customisation
- RC-1400A learnable system remote control with macro functions and backlight

SR7001	01621022

100W 5.1CH HDMI AV RECEIVER - YAMAHA

- 1080p compatible HDMI switching including repeat
- HDTV compatible component video terminals
- YPAO for automatic speaker setup
- Dolby Digital/ DTS/ Dolby Prologic
- 192kHz/24-bit DACs for all channels
- Cinema DSP with 8 DSP programmes
- Compressed music enhancer
- 4 scene buttons ■ Night silencer
- 40 station preset tuning
- Audio delay for adjusting lip-sync
- HDMI: 2in/ 1 Out | Component: 3 in/ 1 out
- Optical: 2 | Coaxial: 1
- WxHxD: 435 x 151 x 318 mm ■ Weight: 8kg

RXV363B	01618890
RXV363S	01618893

105W 5.1CH HDMI AV RECEIVER - YAMAHA

Same feature set as the RXV363, plus:

- Burr-Brown 192kHz/24-bit DACs for all channels
- iPod compatibility via Yamaha Universal Dock
- Bluetooth (A2DP) compatibility with Yamaha Bluetooth Wireless Audio receiver (YBA-10)
- USB port for MP3, WMA, WAV (PCM) playback
- Direct mode for high quality sound reproduction
- HD Audio LCPM 5.1ch reception
- WxHxD: 435 x 151 x 352 mm ■ Weight: 8.5kg

RXV463B	01618895
RXV463S	01618898

90W 7.1CH HDMI AV RECEIVER - YAMAHA

Same feature set as the RXV463, plus:

- Zone 2 audio out, IR terminal and trigger out
- Assignable amplifiers to bi-amp connection
- Component video upconversion with TBC
- Dolby Digital EX, DTS-ES, DTS Neo, DTS 96/24
- HD Audio LCPM 7.1ch reception
- WxHxD: 435 x 151 x 352 mm ■ Weight: 9kg

RXV563B	01618900

95W 7.1CH HDMI AV RECEIVER - YAMAHA

Same feature set as the RXV563 (no USB)**, plus:**

- HD Audio formats: Dolby Digital Plus/ TrueHD, DTS-HD High Resolution Audio, DTS-HD Master Audio
- Digital ToP-ART and high current amplification
- Pure direct for higher fidelity sound reproduction
- Analogue to HDMI video upconversion
- Support for Deep Colour, x.v.Colour, 100/120Hz
- 17 Cinema DSP programmes & Adaptive DSP level
- Optical: 4 | Coaxial: 2
- WxHxD: 435 x 171 x 393 mm ■ Weight: 11.8kg

RXV663B	01618905

105W 7.1CH HDMI AV RECEIVER - YAMAHA

Same feature set as the RXV663, plus:

- 7 channel 735W powerful surround (105W x 7)
- Analogue 480i/p | 576i/p upscaling to full HD 1080p
- 3 in/ 1 out 1080p compatible HDMI
- WxHxD: 435 x 171 x 393 mm ■ Weight: 11.9kg

RXV863B	01618910

130W 7.1CH HDMI AV RECEIVER - YAMAHA

Same feature set as the RXV863, plus:

- 7 channel 910W powerful surround (130W x 7)
- Latest HDMI 1.3a (4 in/ 1 out)
- Support for digital connection to Blu-ray and HD DVD players
- Improved YPAO short-cut setup function and System Memory buttons on remote unit
- Oil-damped hidden front control panel
- 11 HiFi DSP and 11 Cinema DSP programmes
- 3 Zone controls with dedicated zone remote control
- Direct access (macro-command, learning and preset capable) remote unit with luminescent buttons
- WxHxD: 435 x 171 x 439 mm ■ Weight: 17kg

RXV1800	01618855

140W 7.1CH HDMI NETWORK AV RECEIVER - YAMAHA

- 7 channel 980W powerful surround (140W x 7)
- Dolby Digital True HD, Dolby Digital Plus and DTS HDMaster Audio HD audio decoding
- Dolby Digital EX, DTS-ES and Dolby ProLogic IIx
- **Network Receiver functions:** Internet radio, PC music files, USB portable audio players, flash drives, and MusicCast support
- Colour GUI on-screen display
- Front panel USB input for audio playback
- Adaptive Cinema DSP and Adaptive DSP Level
- Improved Compressed Music Enhancer
- Audio Delay for adjusting lip-sync errors
- Burr Brown 192kHz/24 bit DAC's
- 4x 1.3a HDMI and 3x Component inputs
- Full analogue and digital video upconversion to 1080p 6 channel input (5.1)
- Digital TopArt and High Current Amplification
- Assignable Amplification for bi-amping
- Pure Direct for high quality sound reproduction
- Improved YPAO short-cut setup function and System Memory buttons on remote unit
- Oil-damped hidden front control panel
- 11 HiFi DSP and 11 Cinema DSP programmes with 3D Cinema DSP ■ 3 Zone controls with dedicated zone remote control and zone multi-language OSD
- Direct access (macro-command, learning and preset capable) remote unit with luminescent buttons
- WxHxD: 435 x 171 x 439 mm ■ Weight: 17.4kg

RXV3800	01618856

IPOD DOCKING STATION - YAMAHA

- Use the On-Screen Display to operate the iPod
- Operate the iPod via the receiver's remote control
- Charges the iPod ■ Plays audio and video files

YDS-10S	01938645

100W 7.1CH HDMI AV RECEIVER - SHERWOOD

- 100 Watts per Channel with no more than 0.2% THD, 8 ohms for each of 7 channels
- Dolby Digital EX, Pro Logic IIx, DTS-ES, 96/24, Neo-6, Dolby Virtual Speaker, Dolby Headphone
- Totally Discrete Amplifier Stage for all channels
- 4 DSP modes ■ Room EQ ■ Universal Video™
- 192 kHz/24 bit Audio D to A's for all channels
- Automatic Speaker Set-up with supplied microphone
- 2 HDMI Inputs/ 1 Output | 2 Coaxial and 2 Optical
- Multistage Dynamic Range Control
- Cinema EQ ■ Tone Direct Speaker
- Dimensions: 17 3/8" W x 5 1/2" H x 15" D

RD-7502B	01614837

AV SYSTEMS

MINI STEREO

44W CD HIFI SYSTEM - DENON

DENON

- 22 watts per channel ■ 20 FM/ 20AM Presets
- CD formats include CD, CDR-RW, MP3, WMA
- Burr Brown DAC's ■ Scrolling Text
- Optical digital output (CD) plus Sub woofer output
- 2 Analogue audio in and outputs
- Source direct tone bypass and auto source select
- Subwoofer out provides an extra bass option
- Dimensions: (HxWxD) in mm 95 x 210 x 330 mm

DM33 **01931240**

75W MINI DVD HIFI SYSTEM - DENON

DENON

The S-101 uses the critically-acclaimed Dolby® Virtual Speaker technology to produce the most accurate virtualized surround sound listening experience ever achieved with only two speakers. 75w 2 Way speaker including subwoofer

- Dolby Digital and Pro Logic II decoders
- Built-in RDS FM/AM tuner
- iPod docking port - charge your iPod or browse through your iPod's music and photo collections using your remote control ■ PAL & NTSC playback
- CD-R/RW, DVD-R/-RW, MP3, WMA and JPEG Progressive Scan output ■ On screen display
- Magnetically shielded speakers

S101 **01938656**

60W MINI CD RECEIVER - MARANTZ

marantz

The Marantz CR401 system brings convenience and outstanding musicality to each room of your home
High precise volume control, fast power amplification and a DA-Converter from the specialist Wolfson guarantees best sound quality

- Playability of CD & CD-R/RW
- MP3 playback including text info.
- Elegant metal front with ergonomic button layout
- 30 station high sensitive analogue tuner for FM/ AM
- Subwoofer preout ■ Clock and sleep timer function
- WxHxD: 210 x 146 x 336 mm ■ Weight: 5.7 kg
- Recommended speakers: B&W M1. See page A-23

CR401 **08859125**

60W MINI CD/ DVD SYSTEM - YAMAHA

YAMAHA

- DivX, WMA, MP3 and JPEG Multisession Compatibility
- Progressive Scan Processing (NTSC/PAL)
- **Versatile Format and Disc Compatibility:** DVD-Video, VCD, Audio CD, MP3, JPEG, DivX, WMA, DVD+RW/+R and CD-R/-RW
- Convenient Multi-Jog Dial ■ Slim Loading Tray
- **Receiver**
  30W x 2 High Power Output
  30-Station Instant One-Touch Preset Tuning
  Subwoofer Out
- **Speakers**
  2-Way Bass-Reflex Speaker System
  11cm (4-1/2") Woofer and 2.5cm (1") Dome Tweeter
  110W High Input Capability

MCRE700 **01938375**

120W MINI CD/ DVD SYSTEM - YAMAHA

YAMAHA

- 60Wx 2 high power output w/ discrete amplification
- Pure Direct for high quality sound reproduction
- High dynamic power and Linear Damping
- innovative cross-bracing speaker cabinet design
- 2-way bass-reflex speaker system
- Simply, cosmetic design concept ■ Subwoofer out
- Beautiful Yamaha black gloss piano finish speakers
- iPod compatibility via optional Yamaha YDS-10
- Official DivX® Ultra Certified product
- Versatile format and disc compatibility: DVD-Video, Video CD, Audio, CD, MP3, JPEG, DivX®, and WMA
- RDS 40-station one-touch AM/FM preset tuning
- Progressive Scan DVD player (NTSC/PAL)
- Easy operation with GUI (Graphical User Interface)

MCRE810 **01938377**

40W MICRO CD SYSTEM - PANASONIC

Panasonic

High Quality Music Reproduction with 40W (RMS) Total Power Output featuring MP3 Playback from CD-R/RW and easy connection with a Portable Audio Player through USB or 'Music Port'. The SC-PM46 has a 2-Way Speaker System with Bass-Reflex Port and includes high grade audio capacitors for quality sound reproduction.

- MP3 Playback with CD-R/RW Compatibility
- Easy Connection through 'Music Port'
- Programmable Timer (PLAY/SLEEP)
- Radio with Digital Tuner ■ **USB Connection** For DAP

SC-PM46 **01938665**

SLIMLINE CD/ MP3 HIFI SYSTEM - TDK

TDK Life on Record

- Ultra thin speakers utilising NXT Flat Panel Speaker Technology
- Vertical loading player with CD/CD-R/CD-RW/MP3 playback
- USB & SD/MMC card input (MP3/WMA playback)
- FM tuner with 30 preset stations
- Clock with timer and sleep function
- 5 pre-selectable equaliser setting
  - Flat / Classic /Rock / Pop / Jazz
- 64 CD track programmable memory
- Full function remote control
- Bass Boost function
- Memory back up ■ 30 watt subwoofer
- ESPL CD 40 sec, MP3 100 sec
- Stereo headphone output jack
- Auxiliary stereo audio input for mp3 players and other devices

NX-4CD **01931270**

MICRO DVD SYSTEM - TDK

TDK Life on Record

Elegant front loading speaker system ideal for the bedroom or living room.

- DVD/CD/CD-R/CD-RW playback
- PLL tuner with 16 AM - 16 FM preset stations
- Clock with timer and sleep function
- 5 pre-selectable equaliser setting
  - Flat / Classic /Rock / Pop / Jazz
- Kodak picture function for viewing images
- Full function remote control
- Power output 30 watt (2x15W)
- PAL/NTSC on DVD playback function
- Stereo headphone output ■ Video cable included
- Auxiliary stereo audio input for mp3 players and other devices
- Dimension: 160(L) x 215(W) x 215(H)mm

NX-5DVD **01931275**

50W MICRO HIFI CD SYSTEM - TDK

TDK Life on Record

- Innovative design > Place vertically or horizontally
- Independant dimming display unit
- Slot-in player with CD/CD-R/CD-RW/MP3 playback
- FM PLL tuning radio with 30 FM preset stations
- 5 pre-selectable equaliser settings
- Clock with timer and sleep function
- USB and SD/MMC card input (MP3/WMA playback)
- Copy and encode MP3/WMA files and store on USB or SD/MMC card
- Output: 50W RMS speakers + 25W RMS subwoofer
- Auxiliary stereo audio input ■ Headphone output

NX-6CD **01931285**

IPOD SPEAKER SYSTEMS

100W ZEPPELIN IPOD SPEAKER SYSTEM - B&W

NEW

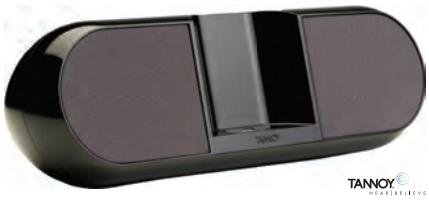
Midrange and tweeter derived from Bowers & Wilkins' award-winning and class-leading M-1 speaker

- Internal subwoofer driver centrally and deeply located for bass that has power and authority
- Three high-quality amplifiers for left, right, bass
- Flexing docking port arm that does away with docks
- Standard AUX port ■ Outputs: S-video (mini DIN)
- Inputs: 30-pin iPod connector/ 3.5mm mini jack/ Optical digital/ USB 2.0 slave (software upgrades)
- Height: 198 mm / 173mm without tilt pad Width: 640mm/ Depth: 208mm ■ Weight: 7.5kg

ZEPPELIN **01933026**

IPOD SPEAKER SYSTEM - TANNOY

NEW



- iCT™ - Inductive Coupling
- 2 x 100mm (4 inch) iCT drivers
- No crossover ■ Point source for accurate imaging
- BASH technology, gives efficiency of Class D, and sound quality of analog Class AB
- Supplied with 5 common dock adaptors, to suit: mini, nano, nano 2G, 5G, U2 with video, 5G with video, iPhone
- Auxiliary 3.5mm input for portable audio devices, computer etc.
- Video output ■ Charges iPod battery
- USB socket, to sync with iTunes on computer
- IR remote control
- Sophisticated DSP for optimized sound quality
- Dimensions (H x W x D) 136 x 456 x 138mm
- Weight 3.6kg ■ Finish- gloss black

I30 **01933022**

2.1CH IPOD SPEAKER SYSTEM - JAMO

A compact, high-end system that works with your iPod, your desktop, your laptop and as a quality home stereo system. It's the perfect sound solution – much more than just another iPod Accessory

- 2-way (sat) - Bassreflex (sub)
- Woofer: 76 mm (sat) - 165 mm (sub)
- Tweeter: 19 mm ■ Weight: 8.3kg
- Amplifier Rated Output: 150W + 2 x 75W
- Frequency Range: 45-20.000Hz

I300BL	**01933002**	**Black**
I300WH	**01933003**	**White**

CUBIC IPOD DOCK / CLOCK RADIO - TDK

NEW

- Pod Speaker, alarm clock and radio in a single cube
- Dual alarm and snooze function which plays your iPod or favourite FM station when activated
- Recharges your iPod while connected
- FM radio with 20 presets ■ 5 pre-selectable equaliser settings: Flat, Rock, Pop, Classic and Jazz
- Inc: 7 docking adaptors to suit a wide range of iPods
- Remote control ■ Audio-in 3.5mm jack for connecting external sources inc. MP3 players & TV

ICUBIC **01931277**

FLAT PANEL IPOD DOCK - TDK

- Ultra slim design featuring NXT Flat Panel Speaker technology ■ Dual alarm and snooze function which plays your iPod or favourite FM station when activated ■ Recharges your iPod while connected
- FM radio with 20 presets ■ 5 equalizer settings
- Includes 7 docking adaptors ■ Remote control
- Audio-in 3.5mm jack for connecting external sources including MP3 players and TV
- Video-out jack ■ 300(L) x 54(W) x 148(H)mm

ISLIM **01931280**

HOME THEATRE

100W 5.1CH HOME THEATRE PACKAGE - YAMAHA

- High Sound Quality
- 500W powerful surround sound (100W x 5)
- High dynamic power, low-impedance drive capability
- 192kHz/24-bit DACs used in all channels
- 1080p-compatible HDMI switching (2 in/1 out) including 1080p/24Hz repeat
- HDTV component video terminals (3 in/1 out)
- CINEMA DSP with eight DSP programmes
- Compressed Music Enhancer
- Night Listening Enhancer and SILENT CINEMA
- Audio Delay for adjusting lip-sync
- Four SCENE buttons offering greater operating ease (with 12 preset SCENE templates)
- YPAO for automatic speaker setup
- Front panel mini jack for connecting portable audio

YHT195B **01938660**

DIGITAL SURROUND SOUND PROJECTOR - YAMAHA

Includes YST-SW225B Subwoofer

- Sensational multi-channel sound from DVDs, other digital sources and even TV
- 7 CINEMA DSP programs ■ TruBass
- Dolby Digital, DTS, Dolby Pro Logic II and DTS Neo:6
- Slim profile matching for 42" flat TVs and monitors
- Can be wall mounted or placed in a shelf or rack
- IntelliBeam system calibration with DirectStart
- One-touch "My Beam" mode
- Four other sound modes: 5 Beam, 3 Beam, 3 Beam + Stereo, Stereo
- Custom installation with IR pass through, remote in and RS-232C interface

YSP-1100SSW **01938680**

X-SPACE SURROUND SOUND BEAMER - DENON

- Surround sound with dynamic ambiance is reproduced with just a front speaker unit and a subwoofer unit
- X-SPACE SURROUND masterfully reproduces the surround sound and expands the listening area
- The cabinet of the front unit contains 6 speakers.
- Supports Dolby Digital, DTS, Dolby Pro Logic II
- Includes Dolby Headphone
- Easy Setup ■ Easy Connection ■ Easy Operation
- Slim design enables easy placement in front of the TV monitor (Wall mounting is also possible with supplied accessories.)
- Rated output 22 W x 5 + 40W subwoofer
- Speaker units 8 cm cone type x 6
- Without feet: 850 x 96 x125 mm
- Weight 1.6 kg

DHTFS3 **01938675**

DVD HOME THEATRE SYSTEM - PANASONIC

- High Total Power Output - 1000W (RMS)
- Panasonic Plasma TV Matching - HDMI & VIERA Link
- High Quality Picture - 1080p Up-conversion
- USB Terminal for MP3, WMA, JPEG and MPEG4
- Auto Speaker Setup ■ Rear Wireless Ready
- 2 Tower Speakers, 2 Compact Rear & 1 Compact Centre Speaker and subwoofer

SC-PT550 **01938657**

CASSETTE DECKS

DOUBLE CASSETTE DECK - MARANTZ

Autoreverse twin-deck design allows continuous play and record from one loaded tape to another. Profiled combination heads and anti-resonant front panel ensure faithful reproduction with wide dynamic range and minimal wow and flutter Peak level read-out, fine bias tuning and synchro start of tape and CD ensure accurate and professional style home recordings

- One-touch dubbing with hi-speed option
- Dolby B/C and Dolby HX-Pro
- Pitch control for changing key and tempo
- MPX filter removes stereo pilot tone from FM radio
- Timer and auto-switch on/off

SD4051	41778830

DUAL AUTO REVERSE DECK - SHERWOOD

Auto Reverse Cassette Deck with Full Logic Cassette Transports, Dolby B Noise Reduction and HX Pro

- Auto-Reverse Full Logic Cassette Transport
- Twin Motor Drive System
- Super Hi-B Tape Heads
- Dolby B NR and HX Pro Headroom Extension on Both Decks
- Digi-Link III Integrated Control System
- 20 Track Music Search System
- Automatic Tape Selector
- Electronic Real Time Tape Counter
- High Speed Dubbing ■ Relay Play
- Synchro Record/Dub ■ CD Sync Record
- Memory Stop ■ Record Mute ■ Headphone Out
- Blank Tape Skip ■ Gold Input Jacks
- Dimensions: 17 3/8" W x 5 1/2" H x 11"D

DD-6200	41778826

TUNERS AM/FM

AM / FM STEREO TUNER - SHERWOOD

- Drift free quartz reference digital synthesis tuning
- Dual Gate MOS FET Front End
- Random Presets of 30 FM/AM stations
- Station preset scan (Automatically tunes to each of the preset stations in memory and lets the user hear them for 5 seconds each)
- Fluorescent display
- Digi- LInk III intergrated control compatible
- Usable Sensitivity: 2. 0uV
- Selectivity: 50dB ■ S/N (mono/stereo): 70/67dB
- Freq. Resp: 20 ~ 15,000Hz
- Total Harmonic distortion: 0.3% (Mono)0.5%(Stereo)
- Size: 440 x 80 x 245mm (WHD)

TX5090	60726021

AM / FM STEREO TUNER - YAMAHA

- High Performance Tuner Offers Highly Sensitive Reception Capability and the Finest Tuning Performance
- 40-Station AM/FM Random Access
- Preset Tuning
- Auto FM Station Memory and Preset
- Editing (Auto Station Memory
- Multi-Status Station Memory
- Direct PLL IF Count Synthesizer Tuning for Tuning Accuracy ■ RoHS Compliant
- Absolute Linear Phase IF Amplifier Circuitry

TX497	60728228

TURNTABLES

FULLY AUTOMATIC TURNTABLE - DENON

Designed for connection ease and versatility, this turntable can be connected to receivers that have phono inputs or only standard line level inputs making hookups a snap

- Dynamic balance tone arm ■ Aluminium platter
- Two speeds: 33-1/3 rpm and 45 rpm
- Belt-drive system with DC servo motor
- Built-in RIAA equalizer ■ Removable Headshell
- Standard Mount MM Cartridge Included

DP300FS	60817995	
DP300FB	60817997	

33 & 45 RPM TURNTABLE - SHERWOOD

- Semi-Automatic Belt-Drive System with Pitch Control and EP Adaptor
- EG DC motor
- Supplied with Audio Technica Moving Magnet cartridge and Stylus
- Dimensions (WHD): 430 x 80 x 350mm

PM9805	60817990

TURNTABLE WITH AM/FM RADIO - MAXIM

- Simple to operate, 3 speed Turntable
- Built in Twin Speakers ■ AM/FM Radio
- Attach your own extra speakers for superior listening
- Head phone socket and FM antenna

RR18W	60817980

SPEAKER SYSTEMS

FLOOR STANDING

220W 4-WAY TOWER SPEAKERS - WINTAL

4 Way speaker system with side firing bass for extra wide sound

- Power handling: 30~220W
- Frequency Response: 30Hz ~ 20KHz
- Sensitivity: 88dB SPL @ 1Mtr
- Size (HxWxD): 1040 x 195 x 310 mm
- Impedance: 6 ohm

ML500B	39812551	
ML500CH	39819162	

100W TOWER SPEAKERS WITH RIBBON DRIVERS - WINTAL

RIBBON DRIVERS
Ribbon drivers have very little mass; thus, it can accelerate very quickly, yielding very good high-frequency response.

- High end range of Wintal Ribbon speakers
- Power Handling: 15-100W ■ Drivers: 1.5"+5"+2*5"
- Cherry Veneer Finish ■ Black Cloth Grill
- Second Order Crossover ■ Gold Plated Binding-posts
- Sensitivity: 89 dB (1m/2.83v)
- Frequency Range: 33Hz-40KHz
- Crossover Frequency: 2.8 & 10KHz
- Impedance: 6Ω
- Dimensions: 950 (H) x 291 (D) x 225 (W) mm

C6RM-CH	39819158

IKON SERIES 125W MAIN SPEAKERS - DALI

- Diaphragm type: Ribbon
- Enclosure type: Bass reflex

- Recommended amp. power: 30-125W
- Frequency range +/- 3 dB: 39 ~ 30000Hz
- Sensitivity (2,83 V/1 m): 88dB
- Nominal impedance: 8Ω ■ Maximum SPL [dB] 109
- Crossover frequencies: 600/2.700/14.000Hz
- Hybrid tweeter module: 17 x 45mm high frequency
- Bass reflex tuning frequency: 37Hz
- Dimensions: 810 (H) x 150 (W) x 260 (D) mm
- Weight: 11.8kg ■ Finish: Vinyl

IKON5	39818415

Loudspeakers from Danish DALI - one of the most respected stereo and home cinema loudspeaker manufacturers in the world.
Dali produces fine loudspeakers for true Hi-Fi believers and perfectionist audiophiles.

IKON SERIES 150W MAIN SPEAKERS - DALI

- 3-way speaker system with ribbon tweeter
- Frequency range+/- 3dB: 37 ~ 30000Hz
- Sensitivity (2,83 V/1 m): 91,5dB
- Nominal impedance: 6Ω ■ Maximum SPL: 111dB
- Recommended amp. power : 25-150W
- Crossover frequencies: 800/3.200/14.000Hz
- Hybrid tweeter module: 17x45mm Super high freq
- Diaphragm type: Ribbon
- Diaphragm / cone type: Wood fibre cone
- Enclosure type: Bass reflex
- Bass reflex tuning frequency: 36Hz
- Connection input: Bi-wire
- Dimensions: 1000 (H) x 190 (W) x 330 (D) mm
- Weight: 18.6kg ■ Finish: Vinyl

IKON6	39818420	

IKON SERIES 200W MAIN SPEAKERS - DALI

- 4 way speaker system with ribbon tweeter
- Frequency range+/- 3dB: 36 ~ 30000Hz
- Sensitivity (2,83 V/1 m): 92dB
- Nominal impedance: 6Ω
- Maximum SPL: 112dB
- Recommended amp. power: 25-200W
- Crossover frequencies: 600/2.900/14.000Hz
- Hybrid tweeter module: 17x45mm Super high freq.
- Diaphragm type: Ribbon
- Low frequency driver, Diaphragm / cone type: Wood fibre cone ■ Enclosure type: Bass reflex
- Bass reflex tuning frequency: 35Hz
- Connection input: Bi-wire
- Dimensions: 1140 (H) x 200 (W) x 340 (D) mm
- Weight: 22.9kg ■ Finish: Vinyl

IKON7	39818411	

600 SERIES 150W MAIN SPEAKERS - B&W

- Frequency range: 6dB at 34Hz and 50kHz
- Frequency response: 44Hz - 22kHz ±3dB on reference axis
- Dispersion: Within 2dB of reference response Horizontal: over 60° arc, Vertical: over 10° arc
- Sensitivity: 90dB spl (2.83V, 1m)
- Harmonic distortion: 2nd and 3rd harmonics (90dB, 1m) <1% 90Hz - 22kHz, <0.5% 120Hz - 20kHz
- Nominal impedance: 8Ω (minimum 3.0Ω)
- Crossover frequencies: 150Hz, 4kHz
- Recommended amplifier power: 25W - 150W into 8Ω on unclipped programme
- Max. recommended cable impedance 0.1Ω
- Dimensions: (H)910mm x (W)198mm x (D)300mm (not including plinth or feet)
- Net weight: 18.2kg (40.1lb)
- Finishes: Black Ash Vinyl, Light Oak Vinyl, Red Cherry Vinyl, Wengé Vinyl

684-BA	39819174	Black Ash
684-LO	39819175	Light Oak
684-RC	39819176	Red Cherry
684-WE	39819177	Wengé

600 SERIES 200W MAIN SPEAKERS - B&W

- Frequency Range: 6dB at 30Hz and 50kHz
- Frequency response: 38Hz - 22kHz ±3dB on reference axis
- Dispersion: Within 2dB of reference response Horizontal: over 60° arc, Vertical: over 10° arc
- Sensitivity: 90dB spl (2.83V, 1m)
- Harmonic distortion 2nd and 3rd harmonics (90dB, 1m) <1% 90Hz - 22kHz, <0.5% 120Hz - 20kHz
- Nominal impedance: 8Ω (minimum 3.0Ω)
- Crossover frequencies: 350Hz, 4kHz
- Recommended amplifier power: 25W - 200W into 8Ω on unclipped programme
- Max. recommended cable impedance 0.1Ω
- Dimensions: (H)985mm x (W)198 x (D)340mm (not including plinth or feet)
- Net weight: 26kg (57.3 lb)
- Finishes: Black Ash Vinyl, Light Oak Vinyl, Red Cherry Vinyl, Wengé Vinyl

683-BA	39819178	Black Ash
683-LO	39819179	Light Oak
683-RC	39819180	Red Cherry
683-WE	39819181	Wengé

140W 3-WAY TOWER SPEAKERS - TANNOY

MERCURY F4 CUSTOM

The Mercury F4 Custom is a tall and impressive floor standing loudspeaker that uses a 25mm (1.00") soft dome high frequency, a 165mm (6.50") bass driver and an additional 165mm (6.50") supplementary bass driver to produce a high impact, authoritative performance capable of huge scale dynamics for home theatre or hi-fi use.

- Recommended amplifier power: 10 - 140 Watts
- Peak output power: 200 Watts
- Low frequency response: 35Hz
- Sensitivity: 91dB
- Nominal impedance: 8ohm
- Frequency response: 35Hz - 20kHz
- **CROSSOVER**
  Frequency: 2.7kHz (Bi-wireable)
  Type: 4th order acoustic linkwitz-riley
- Dimensions: 970 x 204 x 290mm
- Weight: 13.5kg
- Finishes: Apple, Dark Oak

MERCURY F4-A	39819280	Apple
MERCURY F4-D	39819285	Dark Oak

CONCERT SERIES 180W TOWER SPEAKERS - JAMO

The C 807 is an exceptionally melodic speaker. The C 807 is the natural choice of front speaker in any high-end surround system. Yet it can also deliver a great musical experience performing as a stereo speaker - either with or without a subwoofer.

- **System: 2½-way bass reflex**
- Woofer: 2 x 180mm ■ Midrange: 180mm
- Tweeter: 25mm
- Sensitivity (dB - 2,8V / 1m): 89
- Impedance (Ohm): 6
- Frequency Range: 35 - 24,000
- Power Long Term: 180
- Power Short Term: 360
- Weight: 28.3kg
- Dimensions (HxWxD): 1007 x 242 x 406 mm

C807	39819260	

CONCERT SERIES 200W TOWER SPEAKERS - JAMO

C 80 is a series of top of the range stereo and surround speakers from Jamo. The aim of this series has been to recreate the perfect concert experience – nothing more and nothing less.
The flagship of the C 80 series is the C 809. And here we're not just talking about another high quality speaker from Jamo. This impressive 3-way speaker is the very embodiment of Danish Sound Design – superbly resonant cutting edge sound technology enclosed in beautifully designed cabinets of the highest quality and finish.

- System: 3-way bass reflex
- Frequency Range: 30-24,000
- Power Long Term: 200W
- Power Short Term: 400W
- Woofer: 2 x 180mm ■ Midrange: 180 mm
- Tweeter: 25mm
- Sensitivity (dB - 2,8V / 1m): 89 ■ Impedance: 6Ω
- Weight: 33.6kg
- Dimensions (HxWxD): 1157x252x428 mm

C809	39819262	

STUDIO SERIES 130W MAINS SPEAKERS - JAMO

The S 606 front speaker has a 25mm/1in tweeter, two 127mm/5in midrange drivers. This ensures strong and clear vocals and instruments while the 203mm/8in side-mounted woofer delivers a deep, thunderous bass. The S 606 front speaker is fully equipped for optional bi-wiring and bi-amplification and comes with spikes.

- System: 3-way bass reflex
- Power: 130W Long Term
- Power: 210W Short Term
- Woofer: 203mm ■ Midrange: 2 x 127mm
- Tweeter: 25mm
- Sensitivity: 89 (dB - 2,8V / 1m) ■ Impedance: 6Ω
- Weight: 24.1kg
- Dimensions (HxWxD): 1080 x 190 x 345 mm
- Frequency Range: 42-20,000

S606-DA	39811670	Dark Apple
S606-B	39819144	Black

BOOKSHELF/SURROUND

35W MINI CUBE SPEAKERS - WINTAL

PAIR

Compact size allowing installation in any room without being intrusive to your decor

- 360° Swivel for full area coverage
- Ceiling or Wall mount options ■ Compact Design
- Shielded Magnets ■ Mounting Brackets
- Dual 2 ½" 2-Way Speakers with Paper Cones
- Frequency Response: 250 Hz~15KHz
- Maximum Power Rating: 70 Watts
- Continuous Power Rating: 35 Watts
- Impedance: 8 Ohms
- (H) 6.5" x (W) 3.5" x (D) 4.5" ■ Weight: 1 Kg

SAT8W	39819235	White
SAT8B	39819236	Black
SAT8S	39819238	Silver

60W RIBBON REAR SPEAKERS - WINTAL

PAIR

- Power Handling: 10 - 50 W @ 6Ω, 60 W @ 8Ω
- Drivers: 1.5"+1.55"+5"
- Cherry Veneer Finish ■ Black Cloth Grill
- Second Order Crossover ■ Gold Plated Binding-post
- Sensitivity: 88 dB (1m/2.83v)
- Frequency Range: 50Hz-30KHz
- Crossover Frequency: 2.8 & 10KHz
- Impedance: 6Ω
- Dimensions: 383 (H) x 216 (D) x 181 (W) mm

C5RR-CH	39819159	

IKON SERIES 100W ON-WALL SPEAKERS - DALI

PAIR

Pair of IKON On-Wall speakers acting as surround channels in a full-blown IKON multi-channel system

- Frequency range+/- 3 dB [Hz] 57~30000
- Sensitivity (2,83 V/1 m) [dB] 89,5
- Nominal impedance [ohms]: 8
- Maximum SPL [dB] 108
- Recommended amp. power: 25-100W
- Dimensions: (H)38 x (W)28 x (D) 19 [cm]
- Weight [kg] 7,1 ■ Finish (type) Vinyl

IKWL-LO	39818240	Light Oak
IKWL-LW	39818245	Light Walnut

IKON SERIES 100W SHELF SPEAKERS - DALI

PAIR

- Forward-firing dual bass reflex ports
- Frequency range+/- 3dB: 43 ~ 30000Hz
- Sensitivity (2,83 V/1 m): 87dB
- Nominal impedance: 8Ω ■ Maximum SPL: 106dB
- Recommended amp. power: 25-100W
- Crossover frequencies: [Hz] 2.900/14.000
- Low frequency driver: Diaphragm / cone type Wood fibre cone ■ Enclosure type: Bass reflex
- Bass reflex tuning frequency: 47Hz
- 350 (H) x 150 (W) x 260 (D) mm ■ Weight: 5.2kg

IKON1	39818409	

IKON SERIES 120W SHELF SPEAKERS - DALI

PAIR

The modest dimensions of the IKON 2´s make them ideal for smaller rooms delivering an unprecedented 3D Audio experience

- Frequency range +/- 3dB: 42 ~ 30000Hz
- Sensitivity (2,83 V/1 m): 88dB
- Nominal impedance: 8Ω ■ Maximum SPL: 108dB
- Crossover frequencies: 3.000/14.000Hz
- Diaphragm type Soft textile dome
- Enclosure type: Bass reflex
- Bass reflex tuning frequency: 41Hz
- 440 (H) x 190 (W) x 300 (D) mm ■ Weight: 9kg

IKON2	39818425	

2 WAY 100W MONO/DIPOLE SPEAKERS - B&W

PAIR

A wall-mounted surround speaker that can operate in what's called 'dipole' mode, to create an authentic all-enveloping effect of the auditorium in a large space. Or, you may prefer to switch to conventional 'monopole' operation, in which the sound from side or rear is more precisely located and less diffused.

- Frequency range:
  -6dB at 63Hz and 42kHz (monopole mode)
  -6dB at 63Hz and 15kHz (dipole mode)
- Sensitivity: 89dB spl (2.83V, 1m)
- Harmonic distortion: 2nd/3rd harmonics (90dB, 1m) <1% 130Hz – 20kHz
- Nominal impedance: 8Ω (minimum 3.3Ω)
- Crossover freq.: 4kHz mono / 250KHz dipole
- Recommended amplifier power: 25W – 100W
- 249 (H) x380 (W) x 153mm (D) ■ Weight: 5.2kg

DS3-B	39819190	Black
DS3-W	39819191	White

LM SERIES 100W SHELF SPEAKERS - B&W

PAIR

Curvy, colourful and cute: three words rarely associated with the average loudspeaker. But then the LM1 Leisure Monitor from B&W is anything but average. Designed to fit easily with your lifestyle and interior design needs, the LM1 is the seriously fun way to enhance the sounds that add so much to your life. Choose from a range of delicious colours, then sit back and let the music play. It should be easy to find the right LM1 to match or blend with your environment.

- Dimensions: 280 (H) x 140 (W) x 191 (D) mm
- Weight: 2.4kg
- Freq. Resp.: 75Hz - 20kHz ± 3dB on reference axis
- Freq. Range -6dB at 65Hz and 22kHz
- Power Handling: 25W-100W continuous into 8ohms
- Drive Units: 1x 1x 125mm (5in) bass/mid, 1x 25mm (1in) high-frequency

LM1BLK	39810830	Black
LM1PW	39810835	Pearl White
LM1SL	39810840	Silver
LM1B	39810845	Burgundy
LM1T	39810850	Turquoise

M SERIES 100W SHELF SPEAKER - B&W

EACH

2-way vented-box system

The M-1 has been engineered with the same design attributes and ethos as B&W's larger ranges.

- Curved aluminium cabinet
- Strong, glass-loaded ABS front baffle
- 1" metal dome tweeter with Nautilus™ tube loading and neodymium magnets (-6db at 50kHz).
- 4" glass fibre bass/midrange cone with five resin filled slots
- Dimensions: 243 (W) x 114 (H) x 172 (D) mm
- Weight: 2.7 kg
- Freq. Resp.: 80Hz - 23kHz ±3dB on reference axis
- Freq. Range: -6dB at 72Hz and 50kHz
- Power Handling: 20W - 100W into 8 ohms
- Drive Units: 1x 25mm metal dome high-frequency, 1x 100mm woven glass fibre cone bass/ midrange

M1S	39810852	Silver
M1B	39810854	Black
M1W	39810856	White
M1S-5PK	39810860	Silver - 5 Pack
M1B-5PK	39810862	Black - 5 Pack

VM SERIES 100W SHELF SPEAKER - B&W

EACH

2-way vented-box system

The VM1 is a 2-way magnetically shielded system Integral Flowport ensures clean bass with good attack.

- Dimensions: 522 (H) x 124(W) x 93(D) mm
- Weight: 2.7kg
- Freq. Response: 75Hz - 20kHz ± 3dB on reference axis ■ Freq. Range: -6dB at 65Hz and 22kHz
- Power Handling: 25W-100W continuous into 8ohms
- Drive Units:
  Unit 1: 1x 125mm (5in) bass/mid
  Unit 2: 1x 25mm (1in) high-frequency

VM1-S	39810890	Silver
VM1-W	39810892	White
VM1-B	39810895	Black

VM SERIES 100W SHELF SPEAKER - B&W

EACH

- **100W 2-way speakers**

The VM-6 is a two-way, ported, wall-mount or stand-mount design, which can be placed in either a vertical or horizontal position.

Designed to provide an aesthetic match with the latest generation of softer styled plasma and LCD screens, the VM6 enclosure is available in black gloss finish. The table-stand, wall-bracket and floor-stand components are in hard anodised aluminium.

- Crossover Tuning
- 2-way vented-box system
- Drive units:
  1x ø25mm (1 in) high-frequency
  1x ø125mm (5 in) cone bass/mid
- Frequency range: 6dB at 65Hz and 22kHz
- Freq. resp.: 75Hz – 20kHz ±3dB on reference axis
- **Dispersion:**
  Within 2dB of reference response
  Horizontal: over 40° arc ■ Vertical: over 10° arc
- Sensitivity: 91dB spl (2.83V, 1m)
- Harmonic Distortion: 2nd and 3rd harmonics (90dB, 1m)
- Nominal Impedance: 8Ω
- Crossover frequencies: 3.5kHz
- Height: 522mm x Width: 124mm x Depth: 93mm
- Weight: 2.7kg

VM6	39810898	

600 SERIES 100W SHELF SPEAKERS - B&W

Stand Sold separately (FS700)
See in store for details

The 686 is the baby of the 600 Series but doesn't lack for the technologies and features to deliver outrageously good sound in smaller room settings

- Frequency range: -6dB at 45Hz and 50kHz
- Frequency response: 55Hz - 22kHz ±3dB on reference axis
- Dispersion: Within 2dB of reference response Horizontal: over 60° arc, Vertical: over 10° arc
- Sensitivity: 84dB spl (2.83V, 1m)
- Harmonic distortion: 2nd/3rd harmonics (90dB, 1m) <1% 110Hz - 22kHz, <0.5% 150Hz - 20kHz
- Nominal impedance: 8Ω (minimum 5.1Ω)
- Crossover frequency: 4 kHz
- Recommended amplifier power 25W - 100W into 8Ω on unclipped programme
- Max. recommended cable impedance 0.1Ω
- Dimensions: (H)265mm X (W)170mm X (D)284mm
- Net weight: 4.9kg (10.8 lb)

686-BA	39819166	Black Ash
686-LO	39819167	Light Oak
686-RC	39819168	Red Cherry
686-WE	39819169	Wengé

600 SERIES 100W SHELF SPEAKERS - B&W

Stand Sold separately (FS700)
See in store for details

For hi-fi or home cinema in small to medium-sized rooms, you need a loudspeaker that is doesn't take up floor area, but whose sound can still command the space. You'll find the 685, which can sit on a shelf, table, stand or wall-mount, an inspired choice.

- Frequency range: -6dB at 42Hz and 50kHz
- Frequency response: 49Hz - 22kHz ±3dB on reference axis
- Dispersion: Within 2dB of reference response Horizontal: over 60° arc, Vertical: over 10° arc
- Sensitivity: 88dB spl (2.83V, 1m)
- Harmonic distortion: 2nd/3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz, <0.5% 150Hz - 20kHz
- Nominal impedance: 8Ω (minimum 3.7Ω)
- Crossover frequency: 4kHz
- Recommended amplifier power: 25W - 100W into 8Ω on unclipped programme
- Max. recommended cable impedance: 0.1Ω
- Dimensions: (H)340mm x (W)198mm x (D)331mm
- Net weight: 7.0kg (15.4 lb)

685-BA	39819170	Black Ash
685-LO	39819171	Light Oak
685-RC	39819172	Red Cherry
685-WE	39819173	Wengé

CUSTOM SERIES 60W REAR SPEAKERS - TANNOY

- Four way fixing device that allows the speaker to be easily flush mounted to a wall in either portrait or landscape orientation
- Recommended amplifier power: 10 - 60 Watts RMS
- Peak output power: 80 Watts
- Sensitivity: 86dB ■ Impedance: 8Ω
- Frequency response: 59Hz-20kHz
- **DRIVE UNITS**
  High frequency: 25mm Nitro-Urethane layer damped woven polyester dome, shielded neodymium magnet
  Low frequency: 100mm
- **CROSSOVER:** Frequency: 2.9kHz
  Type: 4th order acoustic linkwitz-riley
- (H x W x D): 210 x 140 x 160mm ■ Weight: 2.2kg

MERCURY FR-A	39819300	Apple	
MERCURY FR-D	39819305	Dark Oak	

CUSTOM SERIES 70W SHELF SPEAKERS - TANNOY

- Recommended amplifier power: 10 -70 Watts RMS
- Peak output power: 100 Watts
- Sensitivity (2.83 volts@1m): 87dB
- Impedance: 8Ω ■ Frequency resp.: 55Hz-20kHz
- **DRIVE UNITS**
  High frequency: 25mm Nitro-Urethane layer damped woven polyester dome, shielded neodymium magnet
  Low frequency: 130mm
- **CROSSOVER:** Frequency: 2.9kHz
  Type: 4th order acoustic linkwitz-riley
- (H x W x D): 300 x 170 x 220mm ■ Weight: 4.0kg

MERCURY F1-A	39819270	Apple	
MERCURY F1-D	39819275	Dark Oak	

STUDIO SERIES 80W SHELF SPEAKERS - JAMO

- **System: 2-way bassreflex**
- Woofer: 102mm ■ Tweeter: 25mm
- Sensitivity (dB - 2,8V / 1m): 87 ■ Impedance: 6Ω
- Frequency Range: 80-20,000Hz
- Power Long Term: 80W ■ Power Short Term: 130W
- (HxWxD): 240x133x210mm ■ Weight: 3.4kg

S602	39819145

CENTRE

75W CENTRE SPEAKER WITH RIBBON DRIVER - WINTAL

- Power Handling: 10 - 60W @ 6Ω, 75W @ 8Ω
- Drivers: 1.5"+5"+ 2x 5" ■ Magnetic-shield
- Cherry Veneer Finish ■ Black Cloth Grill
- Gold Plated Binding-post
- Sensitivity: 88 dB (1m/2.83v)
- Frequency Range: 60Hz-40KHz
- Crossover Frequency: 2.8 & 10KHz
- Impedance: 6Ω
- Dimensions: 181 (H) x 220 (D) x 560 (W) mm

C5RC-CH	39819160

IKON SERIES 150W CENTRE SPEAKER - DALI

- Frequency range+/- 3 dB [Hz] min 55
- Frequency range+/- 3 dB [Hz] max 30000
- Sensitivity (2,83 V/1 m) [dB] 89
- Nominal impedance [ohms] 8
- Maximum SPL [dB] 110
- Recommended amp. power [Watts] min 25
- Recommended amp. power [Watts] max 150
- Crossover frequencies [Hz] 2.500/14.000
- Recommended placement(s) Below/above TV
- Dimensions (H)15 x (W)51 x (D)26 cm
- Weight [kg] 7,7 ■ Finish (type) Vinyl

IKON-VOKAL2	39818430

600 SERIES 120W CENTRE SPEAKER - B&W

Ideal centre speaker for home theatre systems in small to medium-sized rooms

- Frequency range: -6dB at 45Hz and 50kHz
- Frequency response: 55Hz - 22kHz ±3dB
- Dispersion: Within 2dB of reference response Horizontal: over 20° arc, Vertical: over 60° arc
- Sensitivity: 85dB spl (2.83V, 1m)
- Harmonic distortion: 2nd and3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz, <0.5% 150Hz - 20kHz
- Nominal impedance: 8Ω (minimum 4.3Ω)
- Crossover frequency: 4kHz
- Recommended amplifier power: 25W - 120W into 8Ω on unclipped programme
- Max. recommended cable impedance 0.1Ω
- Dimensions: (H)170mm x (W)438mm x (D)308m
- Net weight: 9.1kg (20.1 lb)

HTM62-BA	39819182	Black Ash
HTM62-LO	39819183	Light Oak
HTM62-RC	39819184	Red Cherry
HTM62-WE	39819185	Wengé

600 SERIES 150W CENTRE SPEAKER - B&W

The larger of the two centre speakers in the 600 Series, and is tailor-made to partner either of the two floorstanding main speakers (the 683 or 684) in a commanding home theatre system

- Frequency range: -6dB at 30Hz and 50kHz
- Frequency response: 38Hz - 22kHz ±3dB on reference axis
- Dispersion within 2dB of reference response Horizontal: over 20° arc, Vertical: over 60° arc
- Sensitivity: 90dB spl (2.83V, 1m)
- Harmonic distortion: 2nd and 3rd harmonics (90dB, 1m) <1% 90Hz - 22kHz, <0.5% 120Hz - 20kHz
- Nominal impedance: 8Ω (minimum 3.0Ω)
- Crossover frequencies: 350Hz, 4kHz
- Recommended amplifier power: 30W - 150W into 8Ω on unclipped programme
- Max. recommended cable impedance 0.1Ω
- (H) 198 x (W) 545 x (D) 339mm ■ Weight: 15.4kg

HTM61-BA	39819186	Black Ash	
HTM61-LO	39819187	Light Oak	
HTM61-RC	39819188	Red Cherry	
HTM61-WE	39819189	Wengé	

CUSTOM SERIES 90W CENTRE SPEAKER - TANNOY

Designed to partner the rest of the Mercury F Custom range in a variety of home theatre system configurations, the FC Custom centre channel speaker is voiced to ensure clarity, tonal balance, coherence and well focussed imaging and effects across the front soundstage.
A compact and solidly constructed speaker, the FC Custom is shielded to prevent colour fringing effects when placed close to screens.

- Recommended amplifier power: 10 - 90 Watts RMS
- Continuous power handling: 70 Watts RMS
- Sensitivity: 90dB ■ Nominal impedance: 8 ohms
- Frequency response: 38Hz - 20kHz
- **DRIVE UNITS**
  High frequency: 25mm (1.00") Nitro-Urethane layer damped woven polyester dome, shielded neodymium magnet assembly
  Low frequency: 2 x 100mm (4.00") coated multi-fibre paper pulp cone
- **CROSSOVER**:
  Frequency: 2.7kHz
  Type: 4th order acoustic linkwitz-riley
- Front reflex. 15mm (0.59") particle board, internally cross-braced enclosure.
- Dimensions: 150 x 430 x 170mm
- Weight: 5.3kg

MERCURY FC-A	39819290	Apple	
MERCURY FC-D	39819295	Dark Oak	

SUBWOOFERS

10" 250W SUBWOOFER - WINTAL

- Powered Subwoofer ■ Power Handling: 250 W
- 10" Heavy duty driver
- Cherry Veneer Finish ■ Black Cloth Grill
- Crossover frequency: 40-150Hz
- Dedicated RCA subwoofer input
- 2x left and right RCA line inputs
- 4x high level terminal inputs
- Detachable IEC cord
- Dimensions: 432 (H) x 407 (D) x 340 (W) mm

C10SUB-CH	39819161

12" 250W SUBWOOFER - WINTAL

- Powered Subwoofer
- Textured finish over heavy-duty rugged construction
- Power Handling: 250 W
- 12" high-compliance heavy duty driver
- Cherry Veneer Finish ■ Black Cloth Grill
- Adjustable crossover frequency: 20-120Hz
- 2x left and right RCA line inputs
- 4x high level terminal inputs
- Dimensions: 456 (H) x 430 (D) x 385 (W) mm

SW9000B	39813710	
SW9000CH	39819164	

IKON 12" SUB - DALI

- Frequency range+/- 3 dB [Hz] min 26
- Frequency range+/- 3 dB [Hz] max 200
- Maximum SPL [dB] 113
- Enclosure type Bass reflex
- Bass reflex tuning frequency [Hz] (for bass reflex systems) 29 ■ Function(s) Volume (gain) Crossover frequency Phase switch/ control
- Active subs: Amplifier power [Watts] 250
- Connection input(s) Mono "line level" (LFE) Stereo "line level" (low pass filtered)
- Recommended placement(s) Floor
- Recommended distance from wall [cm] 10 - 100
- (H)44 x (W)41 x (D)45 ■ Weight [kg] 29, [lb] 63,8
- Finish (type) Vinyl

IKONSUB-LO	39818250	
IKONSUB-LW	39818255	
IKONSUB-B	39819239	

6.5" 85W SUBWOOFER - BLACK - B&W

- Active vented-box subwoofer ■ 85 amplifier
- 6½ inch driver with magnetic shielding
- Freq. Response: -3dB 31Hz (Music mode) / 34Hz(Movie mode) - 75Hz
- Freq. Range: -6dB at 27Hz and 100Hz
- Drive Units: 1x 165mm (6.5 in) dia paper cone
- Finish: Black Ash vinyl cabinet with black grille
- Inputs: Line In (RCA Phono)
- Speaker level In (spring clips)
- Outputs: Line Out (RCA Phono, high-passed)
- Speaker level Out (spring clips, high-passed)
- HWD: 378 x 215 x 385mm ■ Weight: 11kg

AS1-B	39810868

200W 8" SUBWOOFER - B&W

For big sound in smaller spaces, you can't beat the ASW608, the most compact of the 600 Series

- Frequency range: -6dB at 23Hz and 25/140Hz adjustable (EQ at A) ■ Frequency response: ±3dB 32Hz – 40/140Hz adjustable (EQ at A)
- Bass Extension: -6dB at 23Hz (position A) -6dB at 28Hz (position B) -6dB at 36Hz (position C)
- Amplifier: Power output: 200W
- Rated power consumption: 40W/ 0.5W standby
- Input impedance: 33k ■ Signal / noise: >90dB
- Inputs: Line In (RCA Phono), Speaker in (Binding post), 12v trigger (3.5mm jack), Low-pass filter
- Dimensions: (H)260mm x (W)260mm (D)330mm
- Net weight: 8.85kg (19.5 lb)
- Finishes: Black Ash Vinyl, Light Oak Vinyl, Red Cherry Vinyl, Wengé Vinyl

ASW608-BA	39819192	
ASW608-LO	39819193	
ASW608-RC	39819194	
ASW608-WE	39819195	

8" 500W SUBWOOFER - B&W

Twin 200mm (8-in) drivers operate back to back to minimise pressure differences throughout the internal volume, which increases the spherical form's ability to withstand vibration and reduce coloration.

- Active closed-box subwoofer
- HWD: 335.5 x 289 x 347 mm ■ Weight: 20.5kg
- Freq. Response: ±3dB 21Hz – 31/110Hz adjustable (EQ at i) ■ Freq. Range: -6dB at 18Hz and 40/140Hz adjustable (EQ at i)
- Drive Units: 2x ø200mm (8 in) mica / aluminium cone long-throw ■ Available in black or white

PV1W	39810872	
PV1B	39810873	

10" 150W SUBWOOFER - SILVER - B&W

- Active closed-box subwoofer system
- Dimensions: 325 (H) x 325 (W) x 393 (D) mm
- Weight: 15.5kg ■ Freq. Response: ±3dB 32Hz – 125Hz adjustable (EQ at i) ■ Freq. Range: -6dB at 20Hz and 140Hz adjustable (EQ at i)
- Drive Unit: 250mm (10 in) dia with mica cone

AS2S	39810864	
AS2	39819165	

200W 10" SUBWOOFER - B&W

A very happy medium between the more diminutive ASW608 and the all-out power of the ASW610XP

- Frequency range: -6dB at 20Hz and 25/140Hz adjustable (EQ at A) ■ Frequency response: ±3dB 27Hz – 40/140Hz adjustable (EQ at A)
- Bass Extension: -6dB at 20Hz (position A) -6dB at 25Hz (position B), -6dB at 30Hz (position C)
- Rated power consumption: 40W / 0.5W standby
- Input impedance: 33kΩ ■ Power output: 200W
- Signal / noise: >90dB ■ Net weight: 12.5kg
- Inputs: Line In (RCA Phono), Speaker in (Binding post), 12v trigger (3.5mm jack), Low-pass filter, Active 4th-order, variable cut-off frequency
- Dimensions: (H)310mm x (W)310mm x (D)375mm
- Finishes: Black Ash Vinyl, Light Oak Vinyl, Red Cherry Vinyl, Wengé Vinyl

ASW610-BA	39819196	
ASW610-LO	39819197	
ASW610-RC	39819198	
ASW610-WE	39819199	

2X200W 10" SUBWOOFER - B&W

The most powerful of the 600 Series subwoofers

- Frequency range: -6dB at 18Hz and 25/140Hz adjustable (EQ at A) ■ Frequency response: ±3dB 25Hz – 40/140Hz adjustable (EQ at A)
- Bass Extension: -6dB at 18Hz (position A) -6dB at 23Hz (position B), -6dB at 28Hz (position C)
- Amplifier: Power output: 200W + 200W
- Rated power consumption: 80W / 1W standby
- Input impedance: 33kΩ ■ Signal / noise: >90dB
- Inputs: Line In (RCA Phono), Speaker in (Binding post), 12v trigger (3.5mm jack), Low-pass filter, Active 4th-order, variable cut-off frequency
- Dimensions: (H)310mm x (W)310mm x (D)375mm
- Net weight: 15.5kg (34.4 lb)
- Finishes: Black Ash Vinyl, Light Oak Vinyl, Red Cherry Vinyl, Wengé Vinyl

ASW610XP-BA	39819200	
ASW610XP-LO	39819201	
ASW610XP-RC	39819202	
ASW610XP-WE	39819203	

200W 8" SUBWOOFER - TANNOY

Gain control to adjust output level and a phase control to allow more precise matching.
- Fitted XLR inputs and outputs
- Output Power: 200W ■ BASH® amplifier technology
- Low Frequency Response (-6dB) 32Hz
- Input Filter ■ Driver: 200mm (8") ■ Phase Control
- Crossover defeat switch for LFE operation
- Size: 280 (W) x 292 (H) x 255 (D) mm
- Weight: 7kg

TS8	39819133

300W 10" SUBWOOFER - TANNOY

Gain control to adjust output level and a phase control to allow more precise matching.
- Fitted XLR inputs and outputs
- Output Power: 300W
- BASH® amplifier technology
- Low Frequency Response (-6dB) 29Hz (direct or 80Hz HIPASS) ■ Phase Control
- Input Filter ■ Driver: 250mm (10")
- Crossover defeat switch for LFE operation
- WHD: 286 x 323 x 286 mm ■ Weight: 9.5kg

TS10	39819134

180W 10" SUBWOOFER - JAMO

- Woofer (inch/mm): 10/254 ■ Impedance(0hm):22k
- Weight (kg/lb): 13,4/29,54
- HWD (mm): 340x340x340 ■ Freq. Range: 35-150
- Amplifier Rated Output: 100/180
- Mains Voltage: 230 ■ Total Volume: 39,3/1,39

SUB1810	39819142

1800W BASH AMP ACTIVE SUB - JAMO

- Front & rear firing subwoofer equipped with aluminium cone woofers in a closed cabinet
- Woofer: 2 X10" (254mm) ■ Amplifier 1,800 W
- Impedance: 22kΩ ■ Freq. Range: 20-200
- Power Long Term: 100 ■ Power Short Term: 140
- HWD: 447 x 390 x 432mm ■ Weight: 25kg

C80SUB	39819255

8" 150W SUBWOOFER - YAMAHA

- 8" Down Firing Driver ■ Built in 150W Amplifier
- Rigid MDF Cabinet with Black Ash Finish
- Magnetically Shielded
- QD-Bass (Quarter Dispersion Bass) Technology
- Advanced-YST Active Servo Technology
- Auto Standby Power On/Off with Override Switch
- Line Level and Speaker Level Inputs
- 50Hz~150Hz Continuously Variable High-Cut Filter
- High Cut Slope: - 24dB/Octave
- Volume Control ■ Phase Normal/Reverse Switch
- BASS Circuit ■ Frequency Response: 30Hz-200 Hz
- 3-Way Binding Speaker Posts

YSTSW225	39818222

- YAMAHA 10" 250W SUBWOOFER

- Yamaha's YST-SW515 subwoofer combines 270W of power with advanced technology to provide top-class sound quality, making it an ideal match for your speakers ■ QD-Bass Technology
- Advanced YST II for awesome bass
- PWM Digital Drive high efficiency amplifier
- New linear port ■ Bass Action Selector System
- Environmentally friendly ■ 10 inch multi-range driver with magnetic shielding ■ 20–160Hz low frequency reproduction ■ Auto Standby with sensitivity selector (HIGH, LOW and OFF)

YSTSW515	39818231

12" 1500W SUBWOOFER - YAMAHA

- The YST-SW1500 uses Yamaha's Advanced YST as well as brand new technologies such as QD-Bass to deliver exceptionally crisp, clean, powerful bass all the way down to 16Hz
- 1500 W High-Efficiency Power Amplifier
- 12" Woofer ■ BASS (Bass Action Selection System)
- LFE (Low Frequency Effect) input
- HPF (High Pass Filter, 80 Hz/100 Hz) output
- Remote control unit ■ Magnetic shielding
- 2-way binding-post speaker terminals
- Auto Standby with sensitivity selector
- Phase control (normal or reverse)
- Two inputs: Speaker Level or Line Level
- Low (1W) standby power consumption

YSTSW1500B	39818235

SPEAKER PACKS

SURROUND + CENTRE SPEAKER PACK - WINTAL

- Includes 2x surround and centre speakers.
- Ideal for home theatre systems of any size, classic and dynamic with chrome highlights for a stunning appearance ■ Provides an ultra wide sound field for true top end DYNAMIC performance

CLASSIC SURROUND/ BOOKSHELF:
- Size: (HWD) 280 x 140 x 190mm
- Power Handling: 60 Watts
- Freq Response: 48Hz~ 20KHz 3dB
- Sensitivity: 86dB SPL@1Mtr ■ Impedance: 6 ohm

CLASSIC CENTRE SPEAKER:
- Size: (HWD) 170 x 560 x 190mm
- Power Handling: 70Watts
- Freq Response: 47Hz~ 18KHz 3dB
- Sensitivity: 86dB SPL@1Mtr ■ Impedance: 6 ohm

CL/SL500B	39812565	
CL/SL500CH	39819163	

5.1 SPEAKER PACK - CHERRY - TANNOY

SATELLITES:
- Frequency Response +/- 3dB 100Hz - 40kHz
- Sensitivity (2.83 volts @ 1M): 87dB
- Nominal Impedance: 6Ω
- Recommended amplifier power: 25 - 100W
- Crossover frequency: 3kHz (low to high
- Dimensions: (W)120mm x (H)162mm x (D)170mm
- Weight (Per Speaker): 1.3kg
- Supplied accessories: Satellite wall brackets / 20 metres (65ft), speaker cable
- Optional accessories: Satellite floor stands with mounting brackets available in black finish

CENTRE:
- Frequency Response +/- 3dB 100Hz - 40kHz
- Sensitivity (2.83 volts @ 1M): 87dB
- Nominal Impedance: 8Ω
- Recommended amplifier power: 25 - 100W
- Crossover frequency: 3kHz (low to high)
- Dimensions: (W)355mm x (H)120mm x (H)170mm
- Weight (Per Speaker): 1.3kg
- Supplied accessories: Centre support platform / 20 metres (65ft) speaker cable

SUBWOOFER:
- Continuous output power 100W
- Frequency response: 29Hz - 200Hz
- Crossover frequency: 50Hz - 200Hz
- Dimensions: (W)420mm x (H)275mm x (D)405mm
- Weight: 10.2kg ■ Supplied accessories: Port tube air flow modifier / Mains cable

HTS100-CH	39819156

5.1 SPK PACK - CHERRY - TANNOY

HTS100-CH + TOWER SPEAKERS
TOWERS

- Frequency Response +/- 3dB 80Hz - 40kHz
- Sensitivity (2.83 volts @ 1M): 88dB
- Nominal Impedance: 6Ω
- Recommended amplifier power: 25 - 100W
- Crossover frequency: 3kHz (low to high)
- Dimensions: (W)120mm x (H)940mm x (D)170mm
- Weight (Per Speaker): 5.8kg
- Supplied accessories: Adjustable coupling spikes and wood floor protectors
- Optional accessories: Satellite floor stands with mounting brackets available in black finish

HTS200-CH **39819157**

5.1 SPEAKER PACKS - TANNOY

CENTRE & SATELLITES

- Recommended amplifier power: 15 - 100 Watts
- Maximum Sensitivity (2.83Volts @ 1m): 85dB
- Nominal impedance: 6 Ohms
- Frequency response (-6dB) 140Hz - 78kHz
- Satellite Dimensions HWD: 140 x 97 x 95mm
- Centre Weight: 1.5kg ■ Satellite Weight 750gm
- Centre Dimensions: HWD: 120 x 230 x 95mm
- Finish: Silver or black
- Supplied accessories: Wall mounting brackets

SUBWOOFER

- Power output: 100 Watts
- Frequency response (-6dB) 45Hz - 140Hz
- Driver: 200mm (8.00") paper cone
- Inputs: 140Hz - 78kHz
- Weight: 9.0kg ■ HWD: 345 x 250 x 370 mm

SFX5.1B	**39814480**	■
SFX5.1S	**39814483**	■

SPEAKER STANDS FOR THE SFX SERIES - TANNOY

SFXSTANDB	**43140110**	■
SFXSTANDS	**43140115**	■

5.1 FLOORSTANDING HOME THEATRE SPEAKER PACK - JAMO

- Elegant, slim and powerful performance sums up the fabulous new package from Jamo. As a complete 5.1 Surround package, it offers excellent value for money but without compromises in design or sound
- 2 x S606 130 Watt Front Speakers
- 1 x S60 CEN Centre Speaker
- 2 x S60SUR 2-way Surround Speakers
- 1 x SUB250 250 Watt Active Subwoofer (8")

S606HCS6DA	**39811629**	■
S606HCS6B	**39819148**	■

5.1 SPEAKER PACK - SILVER - JAMO

Consists of four small, almost invisible A 320 satellites as front and rear speakers, the A 3CEN.4 as centre speaker and the powerful A 3SUB.3 subwoofer

Despite the small size of the satellite speaker it features a two-way system - a woofer and a tweeter which reproduces the mid and upper range frequencies with full fidelity. The result is a very natural sounding vocal quality

The 320PDD.3 speaker system is an attractive complement to any flat screen display, whether mounted on their stands or on the wall

A320PDD.3 **39819151**

5.1 SPEAKER PACK - BLACK - JAMO

- 5.1CH Home theatre to match your current AV or DVD receiver ■ It consists of five A102 2-way Surrounds, with 60-80W power and one SUB-200 8" 200W Active Subwoofer ■ High quality driver configuration in all five main speakers
- The sub will integrate with your electronics, whether it's connected to your amp via a line or speaker-level output

A102HCB **39819115**

IN-WALL / CEILING

VIRTUAL SURROUND

6.5" IN-WALL SPEAKERS - NILES

- 165mm Polypropylene Woofer
- Micro perf aluminium grilles
- 20mm ultra-wide polycarb tweeter
- Normal / presence crossover adjustment
- Bump back magnet for increased throw
- Moulded reinforced X matrix oblong ABS baffle
- Power Handling : 5W-75W
- Sensitivity: 89dB ■ Impedance: 8
- Freq Range: 55 ~ 2000 0Hz
- Size: 225 x 300 x 70mm (WHD) ■ Supplied in pair

MP6R **39812530**

IN WALL HD SUPERIOR QUALITY SPEAKER - NILES

- Impedance: 4 ohms or 8 ohms selectable
- Sensitivity: 89dB
- Dim: 8-3/4" x 11-11/16"
- Depth behind wall: 3-5/8"
- 6½" Polypropylene cone
- Butyl rubber cone surround
- Rec. amplifier power: 10W to 125W
- Freq response: 50Hz-21kHz +/-3dB
- Hole cutout dimensions: 7-5/8" x 10-5/8"

HD6R **39812537**

7" 2 WAY IN CEILING SPEAKERS - NILES

- Frame Dim: 235mm
- Hole Cutout Dim: 210mm
- Depth Behind Ceiling: 112mm
- Frequency Response: 59Hz to 20kHz +/-3dB
- Impedance: 8 ohm nominal; 6 ohm minimum
- Recommended Amplifier Power: 10 to 75 Watts
- Polypropylene cone ■ Treated urethane surround
- 13mm Kaladex® tweeter with fluid cooling
- Weather resistant construction

CM710 **39812533**

7" 2 WAY EFFECTS SPEAKER - NILES

- Frame Dim.: ø 235mm
- Hole Cutout Dim.: ø 210mm
- Depth Behind Ceiling: 112mm
- A Dipole/Bipole rear effects ceiling mount speaker
- Paintable micro perforated aluminium grille
- 175mm TCC Talc, Carbon, Ceramic woofer with Butyl rubber surrounds & dual 25mm Teteron fluid-cooled dome tweeters housed in a unique bridge allowing them to disperse sound to either side

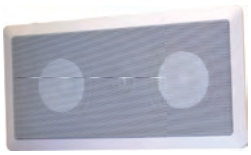
CM750FX **39812535**

IN WALL HD LEFT - CENTRE - RIGHT SPEAKER - NILES

- 25mm Teteron tweeter
- Baffle mounted bass and treble controls
- Dual 5-1/4" injection-molded TCC™ (talc, carbon, and ceramic-filled) polypropylene woofers
- Long-throw voice coil/magnet structure
- Impedance: 4 ohms ■ Power: 10W to 150W
- Frame dimensions: 8-1/4" x 14-1/2"
- Hole cutout dimensions: 7-1/8' x 13-1/4'
- Depth behind wall: 3-1/2" (assumes 1/2' drywall)

HDLCRRP 39812539

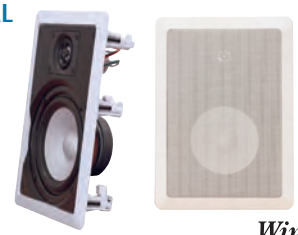
5¼" 50W CENTRE CEILING/ WALL SPEAKER - WINTAL



- 2x Aluminium Cone Rubber Edge Shielding ■ 19mm Aluminium Dome Tweeter
- Impedance: 8Ω ■ Freq. Response: 70~22,000 Hz
- Power Handling: 50 Watts Nominal/ 100 Watts Max
- Sound Pressure Level: 89dB ■ Magnetic
- 450(H) x 220(W) x 58(D) mm
- 169(H) x 367(W) x 46(D) mm (Mounting Hole Dim)

WC603 39813929

6½" 80W CEILING/ WALL SPEAKER - WINTAL



Designed to be mounted flush to walls or ceilings. Mounting hardware supplied
Fine metal perforated grille can be painted

- Woofer: 165mm ■ Tweeter: 25mm
- Power: 40W-80W ■ Freq. Range: 45 ~ 20000Hz
- Imp: 8 Ohms ■ Sensitivity: 90dB
- Weight: 1.2kg ■ Supplied in pair
- Size: 215 x 305 x 90mm (WHD)

WS602 39813928

8" 100W CEILING/ WALL SPEAKER - WINTAL

- Designed to be mounted flush to walls or ceilings
- Mounting hardware are supplied
- Fine metal perforated grille can be painted
- Woofer: 205mm ■ Tweeter: 30mm
- Power: 50W-100W ■ Freq. Range: 40 ~ 20000Hz
- Imp: 8 Ohms ■ Sensitivity: 90dB
- Size: 250 x 410x 120mm (WHD) ■ Supplied in pair

WS800 39813930

6½" 50W CEILING/ WALL SPEAKER - WINTAL

6½"(145mm) woofer with treated paper cone & foam roll surround & 1 (35mm) mylar cone tweeter. Fixing lugs automatically swing out when tightening, no need to have rear access.

- Power: 25W ~ 50W
- Frequency Range: 70 ~ 20KHz
- Impedance: 8 Ohms
- Sound Pressure Level: 88dB
- 6dB Crossover
- Size: 230mm - 195 cutout x 70mm Deep

CI620 39814230

CONTRACTOR IN CEILING SPEAKERS - JAMO

- 2-Way 6.5" In-Ceiling Speaker
- 6.5" Polypropylene Woofer
- 1/2" Mylar Dome Pivoting Tweeter
- Frequency Response: 75Hz - 22.000Hz
- Sensitivity (2,8V / 1m): 88dB ■ Impedance: 8 Ohm
- Mounting Depth: 3.2" ■ White Finish (paintable)
- Mounting Hole: 7.8" ■ Weight: 2.5 lbs (1.1 kg)

6.5CS 39819248

130W 6½"CEILING/ WALL SPEAKER - B&W

Coaxial Ultra-12 tweeter Swing-out dog fixings > 2-way in-ceiling speaker system

- Drive Units: 1x ø25mm (1") ultra-12 high-frequency 1x ø165mm (6.5") woven fibreglass cone mid/bass
- Frequency Range: -6dB at 40Hz and 22kHz
- Frequency Response: 50Hz-20kHz ±3dB on reference axis
- Sensitivity: 89dB spl (2.83V, 1m)
- Impedance: 8Ω (minimum 3.6Ω)
- Crossover: 3.2kHz
- Power: 20W - 130W continuous into 8Ω on unclipped programme
- Frame Size: Diameter: 232mm (9.1 in)
- Cutout Size: Diameter: 205mm (8.1 in)
- 103mm (4.1 in) from ceiling surface ■ 1.4kg (3lb)

CCM616 39817020

130W CEILING/ WALL SPEAKER - B&W

- 2-way in-wall system ■ Dim: H:310mm I W:216mm
- Depth: 89mm (3.5 in) behind surface
- Net Weight: 2.1kg ■ Freq. Resp.: 50Hz - 20kHz
- Freq. Range: 40Hz and 22kHz ■ Sensitivity: 89dB
- Impedance: 8Ω ■ Power: 130W
- Drive Units: Unit 1: 165mm (6.5 in) glass fibre cone bass/midrange Unit 2: 25mm (1 in) Ultra 12 tweeter
- Crossover Frequency: 3.2kHz
- Cut-out size: Height: 281mm I Width: 186mm

CWM6160 39817016

165MM CEILING SPEAKER - B&W

- Pivoting Tweeter ■ 6.5" Kevlar, mid/bass driver with coaxially mounted 1" metal dome tweet
- Can be mounted in ceiling, wall or soffit
- Auto-Reset protection for trouble free life
- -3 dB response at 50 Hz ■ Good 89 dB efficiency
- Suitable for amplifiers from 20 to 130 watts
- Impedance: 8 Ohm ■ 9.1" dia. frame/ 8.1" cutout
- Optional PMKC65 Pre-Mount frame available
- Semi-matte white finish suitable for painting
- Freq. Response: 50.0 Hz-20000.0 Hz + 3.0/-3.0 dB
- Power Handling: 130W ■ Sensitivity: 89.0 dBSPL
- Cutout Dimensions: (H x W) 8.1 " diameter
- Mounting Depth: 3.7" ■ Weight: 4.0 lbs.

CCM65 39819240

STEREO-IN CEILING SPEAKER - RESI-LINX

In Ceiling Stereo Speaker has a 2nd stage 12dB crossover for both tweeter and woofer

- Flush mounted into ceiling ■ White colour
- Single Stereo Speaker ■ Ideal for Small Rooms
- Powder coated metal grille ■ Kevlar cone
- 20oz magnet ■ Output RMS: 40Wx2 ■ Imp: 8Ohm

RLAR220 39819265

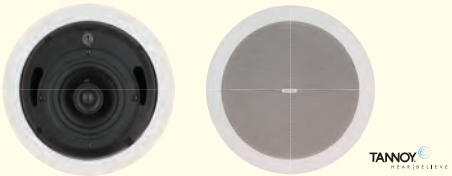
NEW 2008/2009 range of TANNOY Ceiling & Wall Speakers

TANNOY CVS SERIES - MEDIUM FORMAT CEILING SPEAKERS

The Tannoy CVS4 and CVS6 custom install in ceiling speakers have been developed to deliver the best possible performance / price balance. Both are blind mount designs, supplied with an integral steel back can for ease of install and optimum acoustic performance, in applications with sufficient available mounting depth.

80W 100MM COAXIAL SPEAKER

NEW

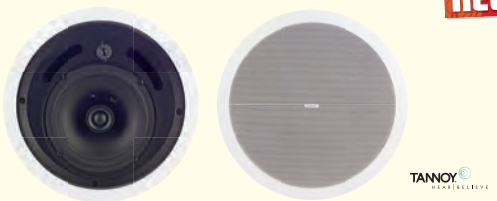


- Ceiling speaker system comprising a 100mm (4.00") mid bass driver with a coaxially mounted 19mm (0.75") high frequency section
- Mineral loaded polypropylene cone material and nitrile rubber surround
- Frequency Response: 85Hz - 19kHz ■ Sensitivity: 97dB ■ Impedance: 6Ohms
- Hole cutout diameter: 180mm ■ Paintable front baffle
- Rec. Amplifier Power: 80W @ 6 Ohms ■ Integral zinc-plated steel back can

CVS4 **39819400**

120W 150MM COAXIAL SPEAKER

NEW



- Ceiling speaker system comprising a 160mm (6.00") mid bass driver with a coaxially mounted 19mm (0.75") high frequency section
- Mineral loaded polypropylene cone material and nitrile rubber surround
- Recommended Amplifier Power: 120W @ 6 Ohms ■ Hole cutout dia.: 250mm
- Integral steel back can ■ Paintable front baffle ■ Sensitivity: 91dB
- Frequency Response: 79Hz - 21kHz ■ Impedance: 6 Ohms

CVS6 **39819405**

TANNOY CMS SERIES - CUSTOM INSTALL CEILING SPEAKERS

The CMS (Ceiling Monitor System) Range provides the premium audio solution to optimum performance from a custom install ceiling loudspeaker. Offering the system designer, architect and installer the very highest audio quality from a system design that is extremely low profile and sympathetic to the décor in applications as diverse as distributed audio and home theatre effects channels.

EYEBALL PIVOT 4" CEILING MONITOR

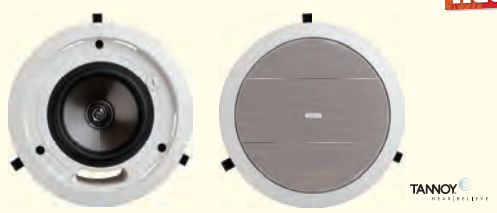
NEW

- Discreetly pivot the loudspeaker towards the desired area of coverage
- Tannoys ICT™ (Inductive Coupling Technology) driver's mid-bass and tweeter sections ensures a wide and controlled dispersion for optimum coverage
- Mineral loaded polypropylene cone material and nitrile rubber surround
- Frequency Response: 110Hz - 22kHz ■ Impedance: 6 Ohms
- Recommended Amplifier Power: 100W @ 6 Ohms
- Sensitivity: 88dB ■ Hole Cutout Diameter: 187mm (7.36")

CMS401E **39819430**

PRE-INSTALL 5" DUAL CONCENTRIC DRIVER ONLY

NEW



- Pre-Install: supplied without a back can ■ 130mm (5.00") Tannoy Dual Concentric: Comprising a multi fibre paper pulp mid bass cone & a 19mm ferrofluid cooled, titanium dome HF unit with neodymium magnet system
- Frequency Response: 85Hz - 50kHz ■ Impedance: 8 Ohms
- Sensitivity: 89dB ■ Hole Cutout Diameter: 190mm
- Recommended Amplifier Power: 120W @ 8 Ohms
- Grille: Steel, with weather resistant coating

CMS501DCPI **39819425**

TANNOY IW SERIES - CUSTOM INSTALL IN WALL SPEAKERS

Many in-wall and ceiling loudspeakers are designed simply to reproduce sound without any consideration for ultimate audio quality and vocal articulation. Not so with the Tannoy range of custom install in wall speakers, all are monitor quality systems based on the company's expertise in the manufacture of premium quality cabinet loudspeakers and studio monitors. Whether used in home theatre or distributed audio applications, these speakers deliver premium audio quality for music and film with exceptional vocal intelligibility.

4" DUAL FLUSH INWALL SPEAKER

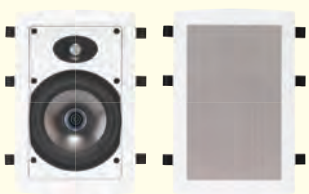
NEW

- Dual Concentric™ point source
- Multi fibre paper pulp mid bass cone and a 19mm (0.75") ferrofluid cooled, titanium dome HF unit with neodymium magnet system ■ Frequency Response: 85Hz - 50kHz
- Sensitivity: 89dB ■ Impedance: 8 Ohms
- Rec. Amplifier Power: 120W @ 8 Ohms
- Hole Cutout: 206 x 135mm

IW4DC **39819410**

6" DUAL FLUSH INWALL SPEAKER

NEW

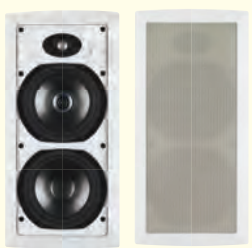


- Dual Concentric™ point source
- Multi fibre paper pulp mid bass cone and a 25mm (1.00") ferrofluid cooled, titanium dome HF unit with neodymium magnet system ■ Frequency Response: 75Hz - 51kHz
- Back can with 60 Watt transformer
- Rec. Amplifier Power: 20 - 180W @ 8 Ohms
- Hole Cutout: 271.5 x 168.5mm

IW6DC **39819415**

6.5" DUAL FLUSH INWALL SPEAKER

NEW



- Dual Concentric™ point source
- Multi fibre paper pulp mid bass cone and a 25mm (1.00") ferrofluid cooled, titanium dome HF unit with neodymium magnet system
- Frequency Response: 70Hz - 51kHz (+/-3dB)
- Back can with 60 Watt transformer
- Rec . Amplifier Power: 20 - 210W @ 8 Ohms

IW62TDC **39819420**

YAMAHA IN-WALL SPEAKER RANGE

The YMA in-ceiling speakers are perfect as surround speakers in a home theatre and music playback throughout your home. To enhance the discreet nature of these speakers they are supplied in a neutral white colour, yet retain the ability to be painted to suit your individual application

5.25" CEILING SPEAKER - YAMAHA

- 5.25" Polypropylene Cone Woofer
- 0.5" Mylar Dome Tweeter ■ Weight: 2.7kg
- Frequency Response: 65Hz to 20kHz
- Impedance: 8Ω ■ Sensitivity: 86dB
- Cut Out Size: 165 mm ■ Depth: 63 mm

YMAP525IC	39819241

6.5" CEILING SPEAKER - YAMAHA

- 6.5" Woven Kevlar Cone Woofer
- 1 Swivel Titanium Dome Tweeter
- Frequency Response: 48Hz to 22kHz
- Impedance: 4Ω / 8Ω Switchable
- Sensitivity: 88dB ■ Cut Out Size: 202 mm
- Depth: 105 mm ■ Weight: 5.0kg

YMAK650IC	39819242

8" CEILING SPEAKER - YAMAHA

- 8 Woven Kevlar Cone Woofer
- 1 Swivel Titanium Dome Tweeter
- Frequency Response: 45Hz to 22kHz
- Impedance: 4Ω / 8Ω Switchable
- Sensitivity: 89dB ■ Cut Out Size: 242 mm
- Depth: 115 mm ■ Weight: 7.1kg

YMAK800IC	39819243

5.25" DUAL IN-WALL SPEAKER - YAMAHA

- 5.25" Dual Woven Kevlar Cone Woofers
- 1" Dual Swivel Titanium Dome Tweeters
- Frequency Response: 45Hz to 16kHz
- Impedance: 4Ω /8Ω ■ Sensitivity: 88dB
- Cut Out Size (W x H): 330 x 229 mm
- Depth: 86 mm ■ Weight: 5.4kg

YMAK555LCR	39819246

6.5" IN-WALL SPEAKER - YAMAHA

- 6.5" Woven Kevlar Cone Woofer
- 1" Swivel Titanium Dome Tweeter
- Frequency Response: 48Hz to 22kHz
- Imp.: 4Ω / 8Ω Switchable ■ Sensitivity: 88dB
- Cut Out Size (W x H): 192 x 279 mm
- Depth: 89 mm ■ Weight: 6.1kg

YMAK650IW	39819244

8" IN-WALL SPEAKER - YAMAHA

- 8" Woven Kevlar Cone Woofer
- 3" Woven Kevlar Mid Range
- 1" Swivel Titanium Dome Tweeter
- Frequency Response: 45Hz to 22kHz
- Imp: 4Ω / 8Ω Switchable ■ Sensitivity: 89dB
- Cut Out Size (W x H): 228 x 330 mm
- Depth: 97 mm ■ Weight: 7.5kg

YMAK8300IW	39819245

INDOOR / OUTDOOR

5" OUTDOOR SPEAKER - NILES

5-inch mica-filled polypropylene woofer and a 1-inch UltraSilk tweeter ■ Impedance: 8 ohms

- Recommended amplifier power: 5W to 100W
- Frequency response: 75 Hz - 20 kHz +/- 3dB
- Sensitivity: 90 dB for 2.83V pink nose
- Dim. (inc. bracket):9 7/8" H x 6 1/4" W x 6 3/4" D

OS5.3B	39812542	■
OS5.3W	39812543	

6" OUTDOOR SPEAKERS - NILES

6-inch mica-filled polypropylene woofer and a 1-inch UltraSilk tweeter ■ Impedance: 8ohms

- Recommended amplifier power: 5W to 125W
- Frequency response: 75Hz – 21kHz +/-3dB
- Sensitivity: 90dB for 2.83V pink noise
- Dimensions: 12" x 7-7/16" x 7-3/4"(HxWxD)

OS6.3B	39812545	■
OS6.3W	39812546	

4/8 OHM OUTDOOR DUAL IMPEDANCE SPEAKERS - WINTAL

100Watt Universal Indoor/Outdoor Speaker System

- High power with super deep bass
- Strontium-ferrite magnet
- Coated paper cone woofer, Mica dome tweeter
- Dual impedance: 4/8 ohm
- Frequency response: 55Hz~21KHz
- Sensitivity: 92dB@1Mtr ■ Weight:1.3Kgs
- Dimensions: 195 x 130 x 110mm(HWD)
- Available in Black & White

SA500BA	39813361	■
SA500WA	39813363	

PASSIVE WINTAL OUTDOOR SPEAKERS

5" PASSIVE OUTDOOR SPEAKERS - WINTAL

Weather resistant enclosure with metal grill for indoor or outdoor use

- Power: 80 Watts ■ Universal 180° swivel bracket
- 4mm Heavy Duty Gold plated terminal posts
- Woofer: 5" Polypropylene cone ■ Tweeter: 2" Dome
- Frequency Response: 50 ~ 22KHz
- Impedance: 8Ω ■ Sensitivity: 89 dB
- Enclosure: Die cast polymer
- (HWD): 240 x 18 0 x 150mm ■ Weight: 3.8Kg
- Comes in pairs ■ Available in Black or White

STUDIO5B	39814280	■
STUDIO5W	39814281	

6" PASSIVE OUTDOOR SPEAKERS - WINTAL

Weather resistant die-cast enclosure with metal grille for indoor or outdoor use.

- Power: 50 Watts ■ Universal 180° swivel bracket
- Frequency Response: 55Hz ~ 20KHz
- 4mm Heavy Duty Gold plated terminal posts
- Woofer: 6" Polypropylene cone ■ Tweeter: 1" Dome
- Impedance: 8Ω ■ Sensitivity: 89 dB
- (HWD): 285 x 205 x 180mm ■ Net weight: 6.7kg
- Comes in pairs ■ Available in Black or White

STUDIO6B	39814289	■
STUDIO6W	39814288	

ACTIVE WINTAL OUTDOOR SPEAKERS

The Active series allows you to connect any device via stereo auxiliary inputs and listen without the need for an amplifier.

Wintal Digital Living

5" ACTIVE OUTDOOR SPEAKERS - WINTAL

STUDIO5BA	39814287	■
STUDIO5WA	39814286	

6" ACTIVE OUTDOOR SPEAKERS - WINTAL

STUDIO6BA	39814291	■
STUDIO6AW	39814290	

AV SERVERS

AUDIO SERVERS

FIREBALL WITH IPOD - ESCIENT

The FP-1 provides all of the great on-screen music management features you expect from a FireBall for your iPod. It's a complete FireBall Music Manager with all of the custom install features you need to provide seamless integration of iPod music into any home audio system. The FP-1 can also stream music from FireBall music servers or PC/Mac with or without a docked iPod. The FP-1 even allows other FireBalls to access and play music stored on the iPod including music purchased from the iTunes Music Store

- DIMENSIONS: 8.1" W x 5.1"D x 1.6"H
- INCLUDED ACCESSORIES & CABLES: IR Remote, A/V cables, Ethernet cable, Power adapter

FP-1	09000011

PORTABLE AUDIO

CD PLAYERS

CD/ RADIO CASSETTE PLAYER - PANASONIC

Panasonic

- Portable Stereo CD system with auto scan tuning Digital Tuner with LCD display
- Acoustic Separator Cabinet with XBS and bass reflex ports for high sound quality
- Dimensions (WHD): 400 x 150 x 220mm
- Digital Tuner with 24 Presets
- Harmonic enhancer sound ■ 70W (PMPO)
- Remote Control ■ Backlit LCD display

RXD29	42092925

CD/RADIO/CASSETTE PLAYER - PANASONIC

Panasonic

- 70W (PMPO) High Power Output
- Feather-Touch Cassette Deck
- Full Remote Control ■ Motorised Front CD Tray
- 3D Sound with 'Sound Virtualiser' Circuitry
- 4-Preset Equaliser ■ lay / Sleep / Record Time
- Acoustic Separator Cabinet
- Digital Tuner with 24 Presets ■ Weight: 4kg
- Dimensions (WHD): 529 x 144 x 276mm

RX-ES23	42092948

CD/MP3/RADIO/CASSETTE - DIGITRON

- MP3 Playback ■ Remote Control
- Stereo AM/FM Radio ■ CD Player
- Stereo Cassette Recorder ■ Headphone Socket
- AC & DC Power ■ Fully programmable CD

UNI1085	42096902

MP3 PLAYERS

256MB MP3 / WMA PLAYER - MAXIM

- Stores over 4 hours of music
- Supports MP3 and WMA format
- Multicolour LCD display ■ Direct plug and play
- Built-in 256MB flash memory
- USB flash disk function ■ Voice recording
- ID3 tags display ■ Multi-language display
- EQ mode (Natural, Rock, Pop, Classic, Soft, Jazz, DBB) ■ USB Interface ■ 1 X AAA Battery inc.

MH602	08850058

2GB MP3 PLAYER - SAMSUNG

SAMSUNG

- Direct USB and slimline design
- Voice recording and FM tuner
- 15 hours battery life ■ 4 line OLED display
- Touchpad key input ■ Blinking LED light
- Matching earphones and reels with a clip
- Light weight MP3 player 22.8GM

YP-U3JQW	08859131

MEDIA PLAYERS

PMP 3.5" PORTABLE MEDIA PLAYER

- 3.5" TFT LCD ■ 2.5" 20GB Hard Drive
- Video Formats: MPEGI - II - 4, DivX, xVid Playback
- Audio Formats: MP3, WMA, OGG Playback
- USB-OTG (USB-On the Go)
- Audio Recording ■ Text E-Book Function
- JPG E-Album ■ High Speed USB 2.0 Interface
- AV Out: For Composite AV/ S-Video/ Component (Connectors Included) ■ Earphone Out ■ DC In
- Built-in 2600mAh Lithium-Polymer Battery
- Power: AC 100-230V 50/60Hz Input - DC 5V 2A Output ■ Weight: 230g
- Dimensions: 126 (W) x 81 (D) x 20 (H) mm
- Requirements: Windows98/ 98SE/ ME/ 2000/ XP/ Vista

Included Accessories: ■ IR Remote Control

- Carry Bag ■ S-Video Output Cable
- VGA Output Cable ■ YUV (Component) RGB Cable
- USB 2.0 Cable ■ USB-OTG Cable
- Power Adaptor ■ Driver CD
- User Manual ■ Warranty Card

KM5000	09009640

RECORDERS

VOICE RECORDER CASSETTE - PANASONIC

Panasonic

- Long 25-hour recording
- Bulit-in high quality front speaker for easy listening
- Built-in large condenser mic. for good recording
- Pause control
- Cue & Review control
- Battery level indicator

RQL11	41856091

VOICE RECORDER CASSETTE - PANASONIC

Panasonic

- Long 20-hour recording
- 3-LED Battery Level Indicator
- VAS - Voice Activated System
- 3-Digit tape Counter
- Built-in high quality front speaker for easy listening
- Built-in large condenser mic. for good recording
- Pause control ■ Cue & Review control
- External mic. jack (plug in power type)

RQL36	41856111

DIGITAL VOICE RECORDER - OLYMPUS

- USB Connection for fast transfer to PC
- Over 17 hours digital recording
- 4 recording qualities
- 3 folders for file management
- Voice activation (VCVA)
- Slow/Fast playback
- Index setting
- 300 recording files
- 32MB internal memory

OLYMPUS

VN1100PC	41856925

DIGITAL VOICE RECORDER - OLYMPUS

- Over 71 hours digital recording
- USB connection to PC
- 4 recording qualities
- 4 folders for file management (A/B/C/D) ■ Alarm playing
- Voice activation (VCVA)
- Slow/Fast playback
- Timer recording ■ Index setting
- 100 recording files per folder
- 128MB internal memory

OLYMPUS

VN3100PC	41856945

DIGITAL VOICE RECORDER - OLYMPUS

- 256MB of internal memory for up to 68 hours of recording time and stores up to 120 music tracks
- 4 recording modes
- No driver installation ■ USB direct
- High quality WMA/MP3 music playback function with WOW/SRS
- Backlit, full dot, LCD display
- Lightweight and pocket size
- Windows and Mac compatible
- 5 folders for file management

OLYMPUS

WS300M	41856955

DIGITAL RECORDER - PANASONIC

- 33.4 hrs Recording Time: Record longer or multiple meetings with clear sound quality
- 14mm Design: Compact design making it easy to carry and store
- Dictation Record Mode: Easy to use, allowing use whenever needed
- 38.8 (w) x 105.0 (h) x 14.0 (d) mm

Panasonic

RRQR230	41857012

DIGITAL RECORDER - PANASONIC

- 128MB built-in memory
- 66.1 hrs recording time
- Voice Editing Premium: 9 languages translation & USB terminal for PC link
- Zoom Microphone: Zoom to individual - perfect for lectures & business conferences
- Recording Format ■ 14 mm thin
- Security folder ■ Quick search dial

Panasonic

RR-US450	41857013

CASSETTE RECORDER - PANASONIC

Panasonic

- One-touch and follow-up recording
- 3-Digit tape counter ■ Full auto-stop
- Cue and review controls ■ 80mm speaker
- Pause control ■ Built-in condenser mic
- AC-in, ext. mic. and monitor
- 240VAC or requires 4 x "C" batteries
- 140 x 52 x 251mm (WHD)

RQ2102	42093260

RADIOS

POCKET

AM/FM RADIO - PANASONIC

Panasonic

- AM / FM Pocket Radio
- Slide-Rule Tuning Dial for Easy Tuning
- LED Tuning Indicator
- LED power indicator
- Weight: 130g
- Hand-strap for easy carrying
- 7cm speaker ■ (WHD): 67 x 117 x 28.5mm

RFP50	34571050

FM/MW PLL RADIO - SANGEAN

SANGEAN

- Pocket-size radio with unique auto-wind earphones
- Ultra Compact ■ PLL Synthesized
- Receiver 25 Memory Presets ■ Time and Alarm
- Auto Wind Stereo Earphones ■ Built-In Speaker
- Memory Scan ■ Low Battery Indicator
- Auto Shutoff ■ Stereo/Mono Switch ■ DC Jack
- Size: 5" x 3" x 1" ■ Weight: 6 oz.
- Requires 2 x 1.5V Batteries (not included)

DT210	34571054

POCKET RADIO - SANGEAN

SANGEAN

- Digital Tuning FM Stereo ■ 18 presets in 2 areas
- PLL Synthesized tuning system
- Auto preset ■ Auto seek ■ Dynamic Bass Boost
- DBB/Stereo/Mono switch ■ Low battery indicator
- Auto shut off ■ Neck string & stereo earphones inc.
- Weight: 45g without batteries

DTF1	34571056

FM/AM RADIO - SANGEAN

SANGEAN

- PLL Synthesized Digital Tuning ■ Lock Off
- 15 presets (10 FM, 5 AM) ■ Audio Search Station
- Stereo/Mono Switch ■ Deep Bass Boost
- Includes headphones ■ Battery power indicator
- Clear case ■ Powered by 2 AAA Batteries (optional)
- WHD 2" x 3.7" x 0.7" ■ Weight: 2 oz. without batt.

DT120BK	34571057	●
DT120WH	34571058	○

PORTABLE

AM/FM RADIO MAINS

- Battery operation for outdoor portability
- Mains operation for indoor economy
- AM/FM Wavebands ■ Full-range volume control
- Operates from 240V AC mains power or 3 x"D" cells
- Fold down carry handle ■ 3.5mm earpiece socket
- Telescopic FM antenna ■ HWD 140 x 250 x 60 mm

R8582	34541901

AM/FM SUPER RADIO - LENOXX

- FM/AM & 2 Band ■ 3.5mm headphone jack
- 120mm roll surround woofer & 30mm dome Tweeter
- AC/ DC (6 X D Cells) ■ High Sensitivity
- Inbuilt Telescopic Antenna, plus terminals for External AM FM & SW antennas
- Size (HWD): 220 x 320 x 70mm

R300	34543100

FM/AM/LW RADIO - SANGEAN

SANGEAN

- PLL tuning ■ Long distance MW reception
- 15 preset stations, 5 each on MW, LW FM bands
- Rotary tuning and volume control
- Auto scan stations ■ 5 inches speakers with 1.8W output power for exceptional sound performance
- Alarmed by radio or buzzer ■ AC/DC operated
- Large LCD with back light ■ Adjustable sleep timer
- Treble/Bass tone control ■ WHD mm: 280x130x92
- Weight: 1620g without batteries

PRD3L	34543105

RUGGED UTILITY AM FM RADIO - SANGEAN

SANGEAN

- FFM/MW 2 Bands Ultra Rugged Radio Receiver
- Water-Resistant ■ Soft bended spring antenna
- Soft precision tuning ■ Earphones/Aux/Mic In Jack
- 9-15V DC Jack ■ Rotary tuning & volume controls
- Tuning LED indicator ■ LED Light
- Dynamic Bass Compensation for rich bass
- 6½" 7W full range speaker ■ AC wire compartment
- High Sensitivity: Excellent Sound Performance
- HWD: 370 x 260 x 250 mm ■ Weight: 4.24 Kg

U1 **34543110**

FM/AM DIGITAL RADIO TUNER - SANGEAN

SANGEAN

- AM/FM 2 band ultra rugged digital radio receiver
- Water resistant ■ Soft bended spring antenna
- PLL synthesized tuning system
- Rotary tuning, volume and tone controls
- Tuning LED indicator ■ Auto scan station
- 10 memory presets (FM/5, AM/5)
- Big LCD screen for clock and radio information
- Two alarm timers (radio and buzzer)
- HWS alarm buzzer ■ LED light ■ 12 Volt DC jack
- Aux-in jack & mic jack ■ 6.5" 7w full range speaker
- Dynamic Bass Compensation for rich bass
- AC wire compartment ■ DC socket for charging

U3 **34543112**

SHOCK PROOF AM/FM RADIO - DOSS

DOSS

- Ideal companion to the tradesman that will withstand the harsh conditions when on the job
- Dual 3" Speakers ■ Shock-Proof bumper guards
- Ergonomic carry handle ■ On/Off - FM - AM dial
- Standard 3.5mm headphone jack
- Rotary tuning knob and volume control
- Low battery - Tune indicator LEDs
- Operates on 4 x "C" Cell batteries (not incl.)
- Dimensions: 213 (H) x 158 (W) x 197 (D) mm

SPR4C **34543115**

AM/FM SHORTWAVE RADIO - LENOXX

- AM/ FM/ SW1/ SW2 Bands ■ Power On Indicator
- Telescopic Aerial ■ Carry Handle
- Earphone Socket ■ AC/DC Operation
- AC~240V 50Hz ■ DC 6V (4 x "UM2" batt., not inc.)
- 140 (H) x 250 (W) x 60 (D) mm

R100 **34544015**

AM/FM PORTABLE - SANGEAN

SANGEAN

- PLL synthesized tuning system
- Rotary volume control
- Separate LCD displays with back light for clock and radio information ■ 10 memory presets
- Auto scan ■ 2 alarm timers (radio and buzzer)
- Snooze ■ Sleep (auto shut off)
- Battery power/ status indicator
- 3" full range speaker
- Up to 170 hrs. on Alkaline batteries
- DC 6V 400 mA ■ Headphone jack
- Size: 237 x 148 x 62 mm

PRD4AD **34571059**

AM/FM RADIO - PANASONIC

Panasonic

- 8cm Dynamic speaker ■ Slide-rule tuning dial
- Earphone jack ■ Fold-down handle
- 240V AC or 4 x "AA" batteries (not included)
- Dimensions (WHD): 222 x 121 x 79mm

RF2400 **34571061**

MULTI POWERED RADIO - SANGEAN

SANGEAN

- AM/FM Analog tuning ■ Built-in illumination lamp
- Charging and Tuning LED indicators
- Only one minute of winding can yield up to 30 minutes of radio play time ■ Water Resistant
- Built-in full-range speaker ■ Emergency Buzzer
- Jack for adding an optional earphone

MMR-77 **34571053**

AM/FM RADIO - SANYO

SANYO

- AC/DC Operation ■ Telescopic Aerial
- Earphone Socket ■ Requires: 4 x AA batteries
- Convenient fold-down handle
- Dimensions (WHD): 255 x 129 x 63mm

RP6165F **34573012**

FM ST/AM/LW/SW 1-9 WORLD RECEIVER - SANGEAN

SANGEAN

A compact analog radio featuring longwave, AM, FM and nine shortwave bands

- LED stereo indicator (operates when earphones are in use) ■ Stereo-Mono switch ■ External 3.0 VDC [-] power adapter (not supplied) jack
- Requires two AA cells (not supplied)
- Includes a butter-soft handcrafted leather case

PT10 **34571067**

WORLD RECEIVER - SANGEAN

SANGEAN

- Ultra compact travel radio with world times
- AM/FM Stereo/SW 1-7, 9 band receiver
- Rotary world time zone dial ■ LCD with backlight
- Built-in clock ■ Wake up to radio or buzzer
- Adjustable sleep timer ■ 12/24 hours mode
- Butter-soft handcrafted leather case
- WHD: 5" x 3 ¼" x 1 ¼" ■ Weight: 10 oz.

PT50 **34571069**

TRAVEL RADIO - SANGEAN

SANGEAN

- Continuous SW coverage 1711-29999 kHz
- Five tuning methods ■ 45 presets
- Auto Tuning System - auto scan and preset
- SSB on the SW band ■ Short Wave dual conversion
- 1 kHz fine tune ■ 2 alarm timers
- WxHxD in mm: 185 x 119 x 39
- Weight: 511g without batteries

PT80 **34571071**

WORLD RECEIVER - SANGEAN

SANGEAN

- Carrying case & stereo earbuds included
- AM/FM stereo/SW ■ Tone control
- Continuous tuning through all bands
- Auto memory preset system ■ Auto memory scan
- Human Wake System ■ Illuminated Display
- Auto/Manual Search
- Dual time display /12/24 hour
- Adjustable sleep timer ■ Snooze control
- 45 memory presets ■ Tone control
- Dimensions: 165 x 100 x 40 mm ■ Weight: 285 g

ATS404	34571075

SSB WORLD RECEIVER - SANGEAN

SANGEAN

- Continuous SW coverage 1711-29999 kHz
- Five tuning methods-direct frequency access, auto scan, manual tuning, memory recall and rotary tuning ■ 45 presets
- ATS (auto tuning system)-auto scan and preset
- SSB (SW band only)
- Short Wave dual conversion
- 1 kHz/step fine tune ■ Memory scan
- Tone control ■ Clock with 2 alarm timers)
- Adjustable sleep timer
- WxHxD in mm: 214x128x38.5
- Weight: 583g without batteries

ATS505	34571077

WORLD RECEIVER - SANGEAN

SANGEAN

- Ultra compact professional digital full band world receiver ■ Continuous AM coverage (153-29999kHz) plus FM (87.5-108MHz)
- Five tuning methods - Direct Frequency tuning, Auto Scan, Manual Scan, Memory Recall and ATS (Auto Tuning System) on FM/LW/MW
- Dual alarm timer to turn on radio and HWS buzzer at pre-programmed time ■ 54 memory presets
- 1 kHz/step fine tuning on AM (MW/LW/SW) band
- Dual time display for UTC and local time
- Counting down timer ■ Weight (without batts):338g
- Dimensions WHD: 148x89x30mm

ATS606A	34571080

WORLD RECEIVER - SANGEAN

SANGEAN

- RF Gain Control ■ Round Volume Knob
- 306 Memories ■ Upper and Lower SSB
- Priority Memory Key ■ Headphone Jack
- Three Timers ■ Light Button
- 150 kHz to 30,000 kHz ■ AC adapter (Included)
- Rated 5 stars by WRTVHB ■ Earbuds
- Portable Shortwave Antenna
- Battery Powered Option ■ WHD 215x130x35 mm

ATS909	34571085

SHORT WAVE ANTENNA - SANGEAN

SANGEAN

- ANT-60 Portable ShortWave Antenna
- Extends full 23 feet ■ Easily rewound into its case
- Terminated in 1/8" (3.5mm) Mini-Plug ■ Adapter Plug allows clipping to Telescoping Antenna on radio

ANT60	34571200

WATER PROOF RADIO - SANGEAN

SANGEAN

- AM/FM PLL digital tuning ■ Battery level indicator
- Built-in AM/FM antenna ■ Clock
- 10 presets (5 AM & 5 FM) ■ Auto seek function
- Water resistant up to JIS7 standards
- Large LCD display ■ Wall bracket
- Adjustable sleep timer ■ Adjustable short timer
- Emergency LED illumination (Flashlight)
- Emergency Buzzer ■ Water-resistant 2W speaker

H201	34573108

SHOWER AM/FM RADIO - MAXIM

Listen to music and sing along in the shower! This waterproof unit runs on AA batteries, a perfect gift

MR198	34599580

MANTLE

DIGITAL DESKTOP CD/RADIO/MP3 - SANGEAN

SANGEAN

- Slot-in CD MP3 playback supports CD-ROM/CR-R/ CD-RW ■ SD/MMC card/USB MP3 or WMA playback ■ FM/AM bands ■ Radio Data System (RDS) with radio text, program type, station name, and auto clock time (where available)
- Alarm & Sleep timer ■ Search & Manual tuning
- Full Menu Display ■ Rotary volume control
- External type 'F' antenna terminal
- Full-function IR remote control ■ 3D audio effect
- Aux-in ■ Stereo headphone (3.5mm)

WR-3	34594245

FM/AM WOODEN CABINET RECEIVER - SANGEAN

SANGEAN

- Wooden cabinet made of MDF in real wood veneer
- Soft and Precision tuning ■ REC out ■ Aux in
- Rotary tuning and volume controls
- Tuning LED indicator ■ Band indicator
- Detachable Power cord ■ Headphone socket
- 3 inches 7W full range speaker, enlarged magnet
- External F type FM antenna terminal
- Internal/External antenna switch
- 9-14 Voltage power adaptor socket for vehicle power
- WxHxD in mm: 240x115x153 ■ Weight: 2356g
- Available in silver & black or black & brown

WR1SB	34595232	silver & black
WR1BR	34595234	black & brown

DIGITAL TUNING WOODEN CABINET RECEIVER - SANGEAN

SANGEAN

- PLL Synthesized tuning system
- RDS featuring clock time, alternative frequency, traffic information, station name, program type and EON (Enhancement of Network)
- Large easy to read multi-function LCD display
- Clock and alarm (radio / buzzer)
- Rotary tuning and volume control
- Rotary bass and treble control
- 10 memory preset (FM5, MW5)
- ExternalF type FM antenna terminal
- Detachable power Cord
- Aux in socket ■ Record out socket
- Stereo headphones socket: Record out socket
- 9 - 15 Voltage power adaptor socket for vehicle power ■ Multi-function infrared remote control
- WxHxD mm: 240x115x183 ■ Weight: 2568g

WR2BK	34595236	Black Gloss
WR2WT	34595240	Walnut Veneer

WOODEN CASE AM FM RADIO

- Stylish wooden-cased AM/FM radio
- AM bandwidth: 540 - 1600kHz
- FM bandwidth: 88 - 108MHz
- Dim.: 130mm H x 340mm W x 120mm D
- Power: 240VAC mains power only

WCR01 **34595255**

ANTIQUE AM/FM CLOCK - MAXIM

- Bass port for enhanced sound quality
- FM antenna stores in the black cavity when not in use ■ Full illuminated clock & tuner dial
- Volume control and on/off knob
- Battery operated clock
- 'AUX' for total stereo sound

H5001 **34595260**

CLOCK RADIO

AM/FM CLOCK RADIO - MAXIM

- Red LED Display ■ Battery Backup
- Sleep switch with Auto Music Cut out
- Wake up to Music or Buzz Alarm
- Colour: Black ■ 9 Minutes alarm Snooze

CR316 **34592410**

CLOCK RADIO WITH NIGHT LIGHT - MAXIM

- Soft in-built night light with manual switch
- AM/FM radio with full range speaker
- Wake to Radio or Alarm
- 9 Minute snooze ■ 2 Hour sleep to radio timer
- Battery backup (9V Batt req.)
- Size: 230 x 55 x 140mm (WHD)

CR9216NL **34592412**

CLOCK RADIO/CD WITH TIME PROJECTION - WINTAL

- Durable, solid build ■ 0.9-inch LED display
- CD player ■ FM stereo and AM radio ■ Dual alarm
- Buzzer/ Radio ■ Stereo speakers ■ Snooze control
- Sleep timer ■ Stereo indicator
- Radio and CD music alarm ■ Projection clock
- Back-up using 9V battery
- 120 (H) x 210 (W) x 255 (D) mm

CRCDP1 **34592510**

AM/FM CLOCK RADIO - PANSONIC

- Power failure, AM/ PM/ and ALARM point indicators
- "Sure-Alarm" battery backup system
- Doze and Sleep function ■ Red LED display
- Two-step clock dimmer control
- 7cm PM dynamic speaker
- Size:185 x 60 x 130mm (WHD)

RC700 **34593989**

AM/FM CLOCK RADIO - PANASONIC

- Power failure and PM/ALARM-1/ ALARM
- Radio "Tender Wake-up " 2-Alarm System
- FWD/REV with fast time settings
- Earphone jack with "Sure-Awake" feature
- "Sure-Alarm" battery backup ■ Lit radio dial
- 8cm PM dynamic speaker ■ Two-step dimmer
- Dimensions: 231 x 60 x 153mm (WHD)

RC7290 **34594017**

AM/FM CLOCK RADIO - SANYO

- Sleek rounded cabinet
- Green LED clock display ■ Snooze feature
- Wake up to music or alarm ■ Single alarm
- Volume control ■ Battery back up (9V not inc.)
- AM/PM indicator ■ Time set/alarm off /sleep off

RMX100 **34594215**

AM/FM CLOCK RADIO - WINTAL

Standard radio alarm clock which includes:

- Radio AM/FM ■ Alarm with snooze option
- Alarm can be a buzzer or Radio
- Backlit LCD screen (RED) ■ Clock

CR9568 **34594235**

DIGITAL CLOCK RADIO - SANGEAN

- MW/FM/LW 3 Bands PLL Synthesized Tuning Clock Radio with Radio Controlled Clock Movement
- 21 Station Presets (7 each on FM/MW/LW bands)
- Automatic Station Memory ■ LCD Time Display
- PLL Tuner ■ Radio Controlled Clock
- Sleep Timer (15-120 minutes)
- Short Timer (10-120 minutes)
- HWS (Humane Waking System)
- Snooze ■ Week Day Selection
- Tone Control ■ Time Zone Switch
- Display Brightness Adjustment
- Adjustable Alarm Level ■ Headphone Jack
- WHD: 7 1/2" x 3" x 5 1/4" ■ Weight: 2 lbs

RCR-1SL **34595225**

AM/FM CLOCK RADIO - SANGEAN

- PLL Tuner
- 14 Station Presets (7 each on FM/AM bands)
- 2 Wake up timers for each day, selectable days
- Radio Controlled Clock ■ Short Timer
- LCD Time Display ■ Sleep Timer (15-120 minutes)
- HWS (Humane Waking System) ■ Snooze
- Adjustable Alarm Level ■ Headphone Jack
- WHD: 7 1/2" x 3" x 5 1/4" ■ Weight: 2 lbs.

RCR-2SL **34595230**

AM/FM CLOCK RADIO - MAXIM

- Bright red LED time display ■ Alarm Buzzer/Radio
- Snooze and Sleep options ■ AM/FM switch
- Portable as the product can run on a 9V

CR327 **34595270**

AM/FM CLOCK RADIO - SANGEAN

SANGEAN

- PLL Synthesized Tuner ■ Radio Controlled clock
- 14 station presets (7 FM, 7 AM)
- Adjustable nap & sleep timer
- Adjustable alarm buzzer level ■ Week Day selection
- Easy to read LCD ■ Alarm set LED indicator
- Time Zone switch ■ Headphone out ■ Aux-in

RCR-22 **34599577**

AM/FM CLOCK RADIO WITH AUX IN - SANGEAN

SANGEAN

- White digital and analogue clock radio
- The RCR-3 features Sangeans stylish finish combining both modern and traditional time display methods. AUX input allows for the connection of numerous portable music devices including the ipod
- Easy to read LCD ■ 4 Alarms: Set for different days
- Daylight Savings Switch ■ 14 Station Presets
- AUX Input / Headphone Out Socket

RCR-3 **34595242**

CLOCK RADIO - SANYO

SANYO

- AM/FM radio ■ Auxiliary input for your MP3 player
- Red LED display ■ Alarm ■ High & low dimmer
- Wake to radio or buzzer ■ Snooze & sleep functions
- Weight: 675g ■ Dim. (WxHxD) mm: 194 x 68 x 160

RMX500 **34599578**

INTERNET

WI-FI INTERNET RADIO

Over 10,000 global radio stations are currently available on the Internet and this Wi-Fi Internet radio could not be simpler to use

- No software to load, no complex set-up operations
- Radio automatically links into the existing Wi-FI network and uses your broadband connection to access the Internet radio Gateway
- The Gateway then automatically uploads channel listings alphabetically by country and genre to the radio. Select the station you want to listen to
- Supports real audio, MP3 and Windows Media streams ■ 802.11b & 802.11g Wi-Fi connectivity
- Unit measures 250(L) x 130(W) x 140(H)mm

WIR01 **34573220**

INTERNET RADIO - SANGEAN

SANGEAN

- Wireless and Ethernet connection
- iRadio network Music Player with 12 presets
- Direct access to over 6000 internet stations
- Plays your music collection from your PC
- Supports MP3, WMA, AAC, WAV, AIFF, FLAC, Real Audio and AU Audio formats ■ Scan tuning
- Connects to Windows Shares or UpnP servers
- Aux-In connection and line out ■ Wooden cabinet

WFR20 **34573222**

DIGITAL

COMPONENT SIZED DAB TUNER

- Transmits high quality digital sound to give you the best audio reproduction possible
- 4 x channel presets ■ DAB Band III, L Band
- RCA stereo output connectors
- F type antenna input ■ Sensitivity -96dBb
- LCD Display ■ 430(W) x 280(D) x 75(H)mm

DABTUNER **60726010**

CAR AUDIO

PLAYERS

CD TUNER - PIONEER

Pioneer

- Direct AUX-in by mini jack (front) ■ Rotary volume
- Hook up your portable digital devices with ease in an instant. Each of Pioneers latest head units has a built-in AUX input for connecting a digital portable player and other external auxiliary devices. For extra-convenient access, the new head units include front panel AUX-in ■ 1 RCA pre-out (rear)
- EEQ - 5-mode preset equalizer

DEH-1050E **41691210**

CD TUNER MP3 - PIONEER

Pioneer

- MP3/WMA Playback ■ Front Auxiliary input
- BMX (Bitmetric Equaliser) ■ Rotary volume control
- 1 RCA pre-out ■ EEQ - 5-mode preset equalizer

DEH-2050MPG **41691212**

CD TUNER MP3 - PIONEER

Pioneer

- 50W x 4 MOSFET ■ Detachable Faceplate ■ EEQ
- 4 Channel High Power WMA/MP3/CD Receiver
- Direct AUX-in by mini Jack ■ 2RCA Preouts
- Rotary Commander, SupertunerIIID, 3 Band Parametric Equalizer ■ BMX (Bitmetric equalizer), Direct Sub Drive, USB Direct Connection

DEH-3050UB **41691214**

CD TUNER MP3 - PIONEER

Pioneer

- Mosfet 50 Watts x 4 ■ Pop-Up Detachable Face
- CD / CD-R / CD-RW / WMA / MP3 / iTunes AAC / WAV Playback Capability ■ 24 station pre-sets
- EEQ ■ 3 Gold-Plated RCA Pre-Outs (Front + Rear + Subwoofer) ■ Direct Sub-Drive ■ IP-Bus Control
- USB Direct Connection & USB Text
- iPod direct connection (use with CD-IU50)
- Bluetooth adapter ready ■ Segmented OEL Display
- Aux-In (Front) ■ Wireless Remote Controller

DEH-4050UB **41691216**

IN-DASH CD TUNER WITH BLUETOOTH - PIONEER

Pioneer

- Built-in Bluetooth compatibility for mobile phones and audio playback ■ 10-colour selectable display
- Flap-type DFS (Detachable Face Security) protects the CD loading slot ■ 3 pairs of RCA preouts (front, rear and subwoofer) for system building options
- MP3, WMA, WAV and AAC file playback from CD-R for maximum music portability across formats
- Subwoofer Control (RCA to separate amp) and Direct Subwoofer Drive (from headunit power)

DEH-P65BT **41693319**

CLASS D AMPLIFIER - PIONEER

Pioneer

- 1x200W @ 4ohms, 1x200W @ 2ohms 1200W max
- Digital amplifier for greater efficiency and higher performance with less strain on the vehicles electric system ■ Bass Boost ■ RCA input terminals
- Low load impedance capability (2 ohm to 8 ohm)
- Large block-type speaker terminals
- Large block-type power/ground terminals
- High-efficiency MOSFET output section
- Aluminium die-cast heatsink

GMD7400M **41693322**

IPOD CAR ADAPTOR - PIONEER

- Play and Control iPod via Your Head unit
- Hideaway adapter for connection of Apple iPods (not including iPod Shuffle) to any Pioneer deck with P-Bus connection ■ Operate iPod from controls of your Pioneer player ■ Text Information Display
- Keeps the iPod battery charged and ready to go
- "Shuffle Songs" Function for Random Playback
- For use with Pioneer "iPod Adapter Ready" Head units and AV Receivers

CD-IB100-II **41693317**

SPEAKERS

10CM 2-WAY 100W SPEAKER - PIONEER

- 10cm (4") size for dash and door installation applications ■ 110 Watts Maximum power handling
- Silver-finish IMPP (Injection Moulded PolyPropylene) cone ■ 2-Way Configuration
- 20 Watts Nominal Rating ■ Efficiency: 88 dB
- Frequency Response: 55 - 25,000 Hz.
- Dim: 102 Ø x 51mm | Mounting Depth: 43mm

TSG1042R **39494722**

13CM 2-WAY 130W SPEAKER - PIONEER

- 13cm (5") size for many door installation applications ■ 130 Watts Maximum power handling
- Silver-finish IMPP (Injection Moulded PolyPropylene) cone ■ 2-Way Configuration
- 25 Watts Nominal Rating ■ Efficiency: 89dB
- Frequency Response: 50 - 25,000 Hz
- Dim: 129 (Ø) x 57mm | Mounting Depth: 46mm

TSG1342R **39494728**

160W 16CM 2 WAY SPEAKER - PIONEER

- 16 cm woofer/30 mm tweeter 2 Way Speaker
- 180 Watts Maximum power input Shallow basket design for installation versatility
- Increased installation versatility with extra tabs (16cm / GM 17 cm compatibility)
- Metallic silver IMPP cone woofer
- Polyimide voice coil bobbin ■ Copper voice coil
- PEI (poly-ether imide) balanced dome tweeter with neodymium magnet and magnetic fluid

TSG1642R **39494744**

16CM 3-WAY 180W SPEAKER - PIONEER

- 3-Way Configuration ■ 220W Max. Power Handling
- 35 Watts Nominal Rating ■ Dark Blue Interlaced Aramid Fibre (Kevlar) Composite/ IMPP Cone Woofer
- 4-Way Configuration ■ 50 Watts Nominal Rating
- Frequency Response: 30 ~ 33,000 Hz
- Efficiency: 91dB
- Dim: 171 (Ø) x 84mm | Mounting Depth: 57mm

TSA1672S **39494790**

16CM 4-WAY 260W SPEAKER - PIONEER

- 4-Way Configuration
- 260 Watts Max. Power Handling
- 50 Watts Nominal Rating
- Dark Blue Interlaced Aramid Fibre (Kevlar) Composite / IMPP Woofer Cone
- Frequency Response: 30 ~ 33,000 Hz
- Efficiency: 91dB
- Dim: 171 (Ø) x 84mm | Mounting Depth: 57mm

TSA1682S **39494800**

6X9" 4WAY 440W SPEAKER - PIONEER

- 4-Way Configuration ■ 80 Watts Nominal Rating
- 420 Watts Max. Power Handling ■ Blue Interlaced Aramid Fibre, Reinforced IMPP Cone Woofer
- Mounting Depth: 86mm ■ 264 x 184 x 119mm

TSA6982S **39494749**

260W 16CM 2 WAY SPEAKER - PIONEER

- 2 Way Speaker with 260 Watts Maximum Power Input ■ 16 cm woofer/28 mm soft-dome tweeter ■ Extended pole yoke design
- Dual-layer IMX™ (Injection Moulded Matrix) Aramid/Basalt fiber composite cone
- Butyl rubber surround for smoother response
- Glass-imide voice coil bobbin ■ Single conex damper
- Heat-resistant metal frame with punching hole

TSD1602R **39494751**

SUBWOOFERS

PIONEER 8", 10" & 12" SUBWOOFERS

- 3-layer fibre woven radial surround
- Interlaced Carbon/KEVLAR® brand Fibre Reinforced IMPP double cone ■ Damper-less, Air suspension excursion control system
- Extended, vented and projected T-pole-type yoke
- Double cone reinforcement nodes
- Aluminium die-cast one-piece rigid chassis
- 4 ohm voice coil

20CM (8") SUBWOOFER 500W MAX - PIONEER

- 7.5 cm deep
- Great choice for rear parcel shelves and other tight locations, or installations into a very compact box

TS-SW841D **39494793**

25CM (10") SUBWOOFER 1000W MAX - PIONEER

- 9cm deep
- Recommended sealed enclosure is 9.9 -19.8 litres

TS-SW1041D **39494795**

30CM (12") SUBWOOFER 1400 MAX - PIONEER

- 8.3 cm deep
- Recommended sealed enclosure is a mere 22.6 litre

TS-SW1241D

Q1241SBOX
12" Sub in Enclosure
- (H)433mm x (W)616mm x (D)135mm

TS-SW1241D **39494797** 12" Sub
Q1241SBOX **39494799** 12" Sub in box

PA & AV

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IPOD ACCESSORIES	**B-39**

PA AMPLIFIERS

20W DUAL INPUT PORTABLE PA SYSTEM

Portable all in one unit vinyl covered, built to withstand rugged use

- Controls for: Master volume, Bass, Midrange & Treble & 1 x Mic input with separate volume control
- AC 240VAC mains powered
- 200mm heavy duty speaker
- Power Output: 20W
- Cabinet Size: 350 x 360 x 210mm (WHD)

FX2 **01453021**

50W HIGH POWER PA SYSTEM

- The FX5 is a multiple function amplifier for Guitar & bass channel (A-Overdrive channel, B-clean channel)
- Mic channel (XLR input)
- CD/Tape/Keyboard channel (Line inputs)
- Headphone jack - Extra speaker out - Line out
- Spring reverb
- 8 inch 50 watt speaker
- 50 Watts output into 8 ohms
- (WHD)372 x 380 x 238

FX5 **01453022**

20 WATT PORTABLE PA AMPLIFIER - TOA

- Wired or Wireless Microphone Options
- Easy Setup and Operation
- Handheld, Lapel or Headset Wireless Transmitters
- Up to Two WTU4800 Wireless Receiver Modules (optional)
- Lightweight 2-way Enclosure - 8" Woofer and CD Horn
- Retractable Handle
- High Sound Output (20W)
- AC or Battery-Powered (8 "D" Cells)
- Wired Microphone Input
- Aux Input for external music source
- Line Output for external PA or speaker
- Protective Cover Included

WA1822 **01453030**

WIRELESS RECEIVER - TOA

Add wireless capabilities to your WA1822 Portable PA System with this UHF Space Diversity Tuner Module

WTU4800 **01453035**

12V AC/DC PORTABLE PA SYSTEM

Rechargeable Microphone & Guitar Amplifier

- A fully compact and mobile amplifier
- Mic Input with Volume/ Tone control
- Guitar input with "Overdrive Switch" including overdrive gain and tone controls
- DC charger plug ■ DC direct plug
- 1/4" Headphone Jack ■ 1/4" Line Out
- HWD: 330 x 340 x 170 mm

GA15 **01453045**

PORTABLE PA & ACCESSORIES - OKAYO

PORTABLE PA WITH CD & UHF RECEIVER - OKAYO

C7192 C7195 C7197 C7198

- High performance 50W RMS amplifier
- Each receiver includes individual frequency adjustment and volume control
- Two way speaker system comprising of 8" woofer and high frequency horn
- Weighing only 12kgs ■ MP3 compatible CD player
- Suitable for desk or speaker stand mounting
- Optional wireless link for cable free transmission to additional systems
- Optional karaoke echo module
- Provision for 8 ohm extension speaker
- 6.35mm / XLR combination wired microphone input.
- RCA line input/output ■ Built in backup battery
- 240VAC mains or battery operation (3-4 hrs use)

C7184 **01453051** **Portable PA**

ACCESSORIES

C7192	**01453052**	**Handheld microphone**
C7195	**01453054**	**Beltpack transmitter**
C7197	**01453055**	**Label microphone**
C7198	**01453056**	**Headset microphone**

PA AMPLIFIERS - DOSS

15WATT AC/DC PA AMPLIFIER - DOSS

Compact ruggedly built, simple and reliable to use, the SA15 is a general purpose amplifier to suit all small PA applications, no previous experience in using public address equipment is required to make the most of this amplifier

- Single Speaker Output 4~16 ohm
- Alarm: Siren / Fog
- Rated Output: 15W RMS @ 4 (AC)
- Spring Terminals x 2
- Inputs: Mic - 50dB, Aux, Aux1-2 - 22dB
- Frequency Response: 50 ~ 15KHz
- Power Supply: 240V AC / 12V DC
- Dimensions (WHD): 155 x 147 x 65mm
- Weight: 1.33Kg
- Includes mounting bracket, power cable, hardware

SA15 **01455055**

30W PA AMPLIFIER - DOSS

- Doss model in black metal cabinet
- 2 high sensitivity unbalanced microphone inputs
- One high sensitivity PHONO jack input and one low sensitivity AUX RCA jack input with selective switch on the rear panel
- 3 150Hz, 1KHz, 6KHz frequency equalizer control
- 4, 8, 16 Ohms and 100 Volt line outputs.
- RMS Output: 30W
- Distortion @ 1 Watt Aux:<0.5%
- Power supply: AC 240VAC
- Freq response: 50Hz ~ 20KHz
- Input: Mic 1, Mic 2, Phono, Aux
- Signal to Noise: >55dB.
- Dimensions: 320 x 190 x 75 (WDH)

SA30 **01455030**

PA AMPLIFIERS - INTER-M

30W PA AMP WITH AM-FM TUNER - INTER-M

- Output Power : 30W(RMS) @ <1% THD
- Input : Mic 1, Mic 2, AUX, Telephone Input
- Mic : Balanced XLR and 1/4"
- Telephone : Screw terminals
- 2 Band Equalizer : 100Hz/10kHz ±10dB
- Remote controllable multi-tone pre-announcement signal chime
- Line in/out for linking additional mixer or amp
- AM/FM digital tuner with 30 user presets; music on hold
- Single-cycle multi-tone-chime 220-240VAC; 50/60Hz
- Power Consumption : 80W
- Weight : 4.8kg/11.5 lbs
- Dimensions (WxHxD) : 300x88x260mm/11.8x3.5x10.2 inch

PA1000BR **01455039**

35W PA AMPLIFIER - INTER-M

A versatile amplifier with all features you need for paging, and music plus telephone input terminals for muting input signals whilst paging

- Mic Input: 600 ohm 2mV
- Controls: Mic 1, Mic 2/Aux1, Mic3 /Aux 2, Bass, Treble & Master Volume.
- Rear panel presets for Mic1 Mute & Telephone Mute
- Inputs: Balanced 6.5mm Jacks for: Mic 1, 2, 3, Aux1 & Aux 2
- Screw Terminals: 4 & 8 ohm, 70V & 100V Line out
- Size: 90 x 290 x 240 mm HWD

PA935	01455049

240W PA AMPLIFIER - INTER-M

- The integrated 240 watt amplifier allows speakers to be connected directly to the PA-6000A
- Six Input Channels
  The six inputs consists of XLR and one RCA phono stereo line input
- Chime Alerts
  The PA-6000A features a four tone chime alert
- Comprehensive Controls
  The front panel features big level controls for microphone and line channel inputs
- **Inputs:** Microphone - XLR and 1/4" Phone x 5 Line - Stereo RCA Phono
- **Outputs:** Speaker Terminals
- Output Impedance: 0.775 volt / 6 ohms
- Frequency Response: 60Hz to 20kHz
- THD &Noise: Less than 0.5%
- EQ: Treble (10kHz) +/-10dB/ Bass (100Hz) +/-10dB
- Dimensions: 420 x 133 x 320mm (WxHxD)
- Weight: 13.5 kg

PA6000A	01455057

PA AMPLIFIERS - TOA

A1000 SERIES PA AMPLIFIERS - TOA

- Mic 1: 600 ohm balanced input with 5 pin Din socket
- Muting function on balanced 5 pin Din socket input
- Mic 2 & 3 30~600 ohm (unbalanced) 6.3mm inputs
- 240V/110V AC and 24V 9A DC
- Rated Output: 1 20W Max Output: 180W
- Speaker Outputs: 4 ohm, 100V and 70V Line
- Bass & Treble controls ■ LED output level meter
- AUX 1 & 2 10K ohm (unbalanced) 6.3mm inputs

Dimensions:

- A1031 Dimensions: 420 x 103 x 262mm WHD
- A1061 Dimensions: 420 x 104 x 267mm WHD
- A1121 Dimensions: 420 x 147 x 267mm WHD

A1031	01458008	30 Watt
A1061	01458010	60 Watt
A1121	01458017	120 Watt

1700 SERIES MICROPHONE MIXER POWER AMPLIFIERS - TOA

- **Multiple Inputs / Outputs**
  Featuring multiple mic inputs as well as three auxiliary inputs, the A-1700 Series of amplifiers have three different power ratings to select from depending on the venue. These units offer efficient mixing of as many as 9 different inputs. If more aux inputs are required, mic inputs 5 and 6 can be switched over to accept line level inputs.
- **2 Zone Capability**
  Each A-1700 Series amplifier has 2 speaker output zones which can be independently selected or used together for enhanced PA applications.
- **Phantom Power Provided**
  The A-1700 Series of amplifier provide phantom power to all connected microphones. Phantom power can switched on or off as needed. The microphone inputs feature a balanced configuration with XLR connectors, allowing long cable runs without any problems.
- **Equalization**
  Each amplifier allows easy tonal adjustment of all output signals with bass and treble controls.
- **Connecting External**
  Equipment For more sophisticated equalization such as minimizing feedback, a parametric equalizer or other gear can be patched in before the power amplification stage. Other equipment such as a delay unit can also be connected if required. Alternately, to extend sound coverage, and additional power is needed to power other speakers, the line out terminal can be used to send the mix output to another power amplifier.
- **Remote Control Capability**
  A-1700 Series amplifiers will respond to remote control signals, allowing remote volume adjustments and remote power on/off.
- **Record Output**
  Each A-1700 Series amplifier back panel includes a record output for connecting an external recorder to archive or back up broadcasts.
- Frequency response: 50 - 20,000Hz (+/-3dB)
- MIC 1 - 6: -60dB*, 600Ω, electronically-balanced, combined type of XLR-3-31 equivalent & phone jack
- AUX 1 - 2: -20dB*, 600Ω, electronically-balanced, combined type of XLR-3-31 equivalent and phone jack (Either MIC 5 or AUX 1, and either MIC 6 or AUX 2 selectable)
- AUX 3 - 4: -20dB*, 10kΩ, unbalanced, RCA pin jack
- AUX 5: -20dB*, 10kΩ, unbalanced, combined type of XLR-3-31 equivalent and phone jack
- PWR AMP IN: 0dB*, 600Ω, unbalanced, RCA pin jack (An equalizer or other signal processor connectable between LINE OUT and PWR AMP IN terminals)
- **Weight:**
  A1706: 9.3kg ■ A1712: 12.6kg ■ A1724:13.5kg
- Dimensions: 420 × 107.7 × 367 mm

A1706	01458018	60 Watts
A1712	01458019	120 Watts
A1724	01458020	240 Watts

1800 SERIES MICROPHONE MIXER POWER AMPLIFIERS - TOA

- **Versatility plus**
  These amplifiers are distinctive for their input versatility. Each has three mic inputs, three auxiliary inputs, an emergency input as well as a telephone paging input. Paging can be initiated and the chime function can also be set to automatically output to two zones.
- **2 Zone Capability**
  A-1800 Series amplifiers feature 2 speaker zones to which broadcasts can be sent independently or combined as desired. Emergency broadcasts will be heard in both zones. Even when the amplifier power is switched off, an emergency broadcast will be initiated to both zones.
- Phantom Power Provided ■ Chime on input
- Equalization ■ Line output ■ Remote control
- Record Output ■ Input priority override and muting
- Dual power supply - AC or on DC24V
- Music On Hold (MOH) output-equipped
- Frequency Response 50 - 20,000Hz (+/-3dB)
- Distortion Under 2% at 1kHz, rated power
- Input: MIC 1: -60dB*1, 600Ω, electronically-balanced, combined type of XLR-3-31 equivalent and phone jack, DIN socket (5 pins)
- MIC 2-3: -60dB*1, 600Ω, electronically-balanced, combined type of XLR-3-31 equivalent & phone jack
- AUX 1(MOH): -20dB*1, 10kΩ, unbalanced, RCA pin jack
- AUX 2: -20dB*1, 10kΩ, unbalanced, RCA pin jack
- AUX 3: -20dB*1, 10kΩ, unbalanced, combined type of XLR-3-31 and phone jack
- TEL*2: -20dB*1, 10kΩ, electronically-balanced, M3 screw terminal
- EMERGENCY: 0dB*1, 600Ω, unbalanced, M3 screw terminal
- **Weight:**
  A-18036: 8.1kg ■ A-1806: 9.4kg ■ A-1812: 12.6kg
- Dimensions: 420 × 107.7 × 367mm

A1803	01458023	30 Watts
A1806	01458025	60 Watts
A1812	01458027	120 Watts

120 WATTS BOOSTER AMPLIFIER TO SUIT A1800 SERIES - TOA

When additional power amplification is required to power more speakers in a system, the TOA P-1812 Booster Amplifier can be connected to A-1800 Series amplifier's line out which provides an optimal level and impedance to efficiently drive the P-1812

- **Switchable input levels**
  To interface properly with different equipment, input sensitivity can be switched between 10dB and 0dB
- **Emergency control**
  On the back panel of amplifier is a remote-in terminal for emergency control which sets the default output level for the emergency input
- Weight: 12.2kg
- Dimensions: 420 × 107.7 × 367mm

P1812	01458029	120 Watts

2000 SERIES MICROPHONE MIXER POWER AMPLIFIERS - TOA

A wide choice of output power ratings and enhanced cost-effectiveness, for mixer power amplifiers that can handle a wide range of public address requirements at a remarkably low cost.

- **High reliability!**
  Passed the numerous test and verifications in Japan
- Finish is scratch- and fingerprint-resistant
- **4 models lineup!**
  A wide range of power outputs from 30W to 240W
- **High cost-performance**
- **3 MIC, 2 AUX inputs and a recording output**
  Phantom power is provided to MIC1, for supplying power to a condenser microphone
- Broad tone control adjustment range of +/-10 dB for both bass and treble
- **Inputs:**
  MIC 1: 60dB*, 600 ohms, electronically balanced, 5-P DIN type
  MIC 2,3:-60dB*, 600 ohms, electronically balanced, phone jack
  AUX 1, 2:-20dB*, 10k ohms, unbalanced, RCA pin jack
  Mute: Contact Pin 4-5 Closure input (for MIC 1)
- **Weight:**
  A2030: 5 kg A2060: 7 kg
  A2120: 10.8 kg A2240: 13.2 kg
- **Dimensions:**
  A2030/ A2060: 420 x 100.9 x 280.3 mm
  A2120/ A2240: 420 x 100.9 x 360.3 mm

*0dB = 1V

A2030	01458100	30 Watts
A2060	01458105	60 Watts
A2120	01458110	120 Watts
A2240	01458115	240 Watts

240 WATTS BOOSTER AMPLIFIER TO SUIT A2000 SERIES - TOA

The P-2240 offers a high performance-to-cost ratio, and can be used with TOA's A-2000 Series mixer power amplifiers. Because the P-2240 features a 100V line input, it can be connected to the speaker line from another amplifier. Also, the P-2240's power can be switched on and off by remote control, allowing it to be operated independently of the A-2000 Series. In case of emergency, the master volume can be bypassed to make emergency announcements (H version only).

- **Inputs:**
  Line in: 0 dB, 10k ohms, balanced, screw terminal
  100V line in: 40 dB, 330k ohms, unbalanced, screw terminal
  Power remote control: Make contact
- Dimension: 420 x 100.9 x 351.3 mm
- Weight: 13.2 kg

P2240	01458120

35 WATTS MOBILE AMPLIFIER - TOA

- Mobile Mixer/Amplifiers for Remote Applications
- 12 VDC Powered
- Easy To Install, Rugged and Reliable
- Supports 4 or 8 Ohm Speaker Loads
- Two Microphone Inputs with volume controls
- Handheld Microphone Included - unidirectional, dynamic-type with talk switch, with 6' cord
- Auxiliary Input for connecting an external CD player, radio, tape deck or tone generator
- Mounting Hardware Included - mounts under dashboard or into standard DIN-size console cutout
- Applications: Automobiles, Boats, Buses, Construction Vehicles, Emergency Vehicles, Law Enforcement Vehicles, Theme Park Rides

CA115	01458150	35 Watts

AV DISTRIBUTION AMPS

4 WAY S-VIDEO AV DISTRIBUTION AMP - PRO2

This audio video distribution amplifier lets you split video and stereo audio output signals from a DVD, VCR, or other video sources without any signal loss. You can send video and stereo audio signals to as many as four other TVs or VCRs

- 1x input: 1x **S-Video**, 1x **composite video** (1x RCA connection), 2x **stereo audio** (2x RCA connections)
- 4x output: 4x S-Video, 4x composite video (1x RCA connection), 8x stereo audio (2x RCA connections)
- High quality metal finish
- 12 V DC @ 500mA power input (included)
- Mounting screws included
- 190 (W) x 25 (H) x 90 (D) mm

PRO1047	00760656

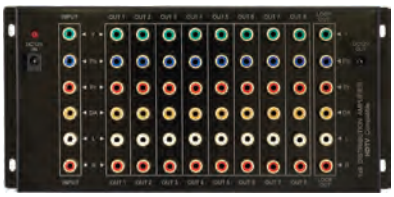
4 WAY COMPONENT AV DISTRIBUTION AMPLIFIER - PRO2

Distribute component video and stereo audio signals up to four different locations

- 1x input: 1x **YPbPr/ YCbCr** (3x RCA connections), 2x **stereo audio** (2x RCA connections)
- 4x output: 4x YPbPr/ YCbCr (12x RCA connections) 8x stereo audio (2x RCA connections)
- HDTV compatible ■ LED indicator
- High quality metal finish ■ Gold plated connections
- 12 V DC @ 500mA power input (included)
- Mounting screws included
- 190 (W) x 32.5 (H) x 94.3 (D) mm ■ Weight: 452g

PRO1122A	00760658

9 WAY COMPONENT AV DISTRIBUTION AMPLIFIER [WITH LOOP OUT] - PRO2



Loop out function allows you to connect an additional 10 PRO1184 amps

- HDTV support
- Inputs: **YPbPr/ YCbCr/ RGB** x 1, **Coaxial digital audio** x 1, **Stereo audio** left & right x 1
- Outputs: YPbPr/ YCbCr/ RGB x 9, Coaxial digital audio x 9, Stereo audio left & right x 9
- Power status LED
- 12V DC in (included) ■ 12V DC output (for loop out)
- Dimensions: 245 (W) x 115 (D) x 25 (H) mm
- Mounting holes: 235 (W) x 85 (H) mm
- 4x mounting screws included

PRO1184	00760660

6 WAY DISTRIBUTION AMPLIFIER - DOSS

6 Way distribution amplifier maintains good transmission quality when a Video/ Audio signal is being distributed to TVs and other devices by ensuring the correct 1 Volt peak to peak signal is maintained

- Input: 1x RCA Video, RCA Audio Left & Right
- Output x 6: RCA Video, RCA Audio Left& Right

AV486	43157982

MICROPHONES

WIRELESS MICS

TOA WIRELESS MICROPHONES

WIRELESS MIC RECEIVER - TOA

Designed for use with TOA wireless microphones in PA and vocal applications

- Features space diversity technology
- 16 selectable channel frequencies
- Audio mixing input function
- Antenna cascade output and tone squelch function
- Size (HWD): 35 x 2 40 x 110mm
- Sold separately or as part of a kit

WT5810	28732930

WIRELESS LAPEL MICROPHONE - TOA

UHF lavalier wireless microphone has been designed for speech applications

- Condenser, omnidirectional with bodypack
- 64 selectable ch. frequencies
- Input sensitivity control
- 1x AA battery
- Electret condenser tie clip microphone
- Battery warning LEDs
- Internal aerial

WM5320	28732950

WIRELESS MICROPHONE HEADSET - TOA

Professional UHF 16 channel belt pack transmitter and lapel microphone.

- 16 selectable channels 4 of which are de-regulated, electret headband microphone

WH4310H **28732952**

WIRELESS AEROBICS BELT PACK MICROPHONE - TOA

- Operating range: 3m – 120m
- Electret condenser cardioid microphone element
- Four 16-channel banks of circuit frequencies
- Maximum input level: 120dB SPL
- Built-in circuitry minimizes ambient noise effects
- Single AA battery operation
- Low-battery indicator ■ 3.5 mini-plug connector
- Extra-secure and comfortably-fitting headset
- Sweat-resistant headset microphone
- Securely-fitting belt with pouch

WM5320A **28739113**

WIRELESS HANDHELD MIC - TOA

- Transmission feature: Dynamic, cardioid
- 16 selectable channel frequencies
- ON/ OFF switch which also prevents rolling when put down
- Uses one AA battery Electret Condenser element and a low battery indicator

WM5220 **28732940**

UHF WIRELESS ANTENNA - TOA

- Dipole ratio relative gain: more than 8dB.
- Wall-mountable
- Power Requirement: 7 - 12V DC (supplied from Antenna Distributor or Tuner)

YW4500 **28733060**

WIRELESS LAPEL MICROPHONE & RECEIVER KIT - TOA

- Kit consists of the **WT5810** microphone receiver and **WM5320** lapel microphone

WS5300 **28732920**

WIRELESS HEADSET MICROPHONE & RECEIVER KIT - TOA

- Kit consists of the **WT5810** microphone receiver and **WH4310H** headset microphone

WS5300H **28732925**

WIRELESS HANDHELD MICROPHONE & RECEIVER KIT - TOA

- Kit consists of the **WT5810** microphone receiver and **WM5220** handheld microphone

WS5200 **28732910**

WIRELESS COMPACT MIC RECEIVER - DOSS

16 ch diversity wireless microphone system, operates on UHF Band frequency with PPL synthesized control

- Ideal for lectures, speeches, vocalists etc.
- UHF: 790.375~805.375 MHz
- Rotary Volume Control
- Up to 6 separate units can be operated simultaneously
- Dynamic Range: >96dB ■ Sensitivity: @8dBμV
- S/N Ratio: >80dB ■ 50Hz to 15KHz (±3dB)
- Dimensions: 170 x 38 x 140 mm (WHD)
- 12V DC Plug Pack Included

UR813 **28732931**

DUAL DIVERSITY WIRELESS MIC RECEIVER - DOSS

Two receivers in one designed to receive signals from 2 microphones. True diversity with in-built micro-processor control to monitor signal strength and signal quality delivering outstanding clarity over long transmission distances. Dual BNC antennas.

- Frequency: UHF: 790.375 ~ 805.375MHz
- AF Response: 40Hz ~ 15KHz (+/- 3dB)
- Dynamic range: >96dB ■ Sensitivity: @8dB
- Out: 2x XLR balanced, 1x 6.3mm (mixed) unbalanced
- Cabinet Size: 420 x 45 x 230 mm (WHD)

UR16 **28732945**

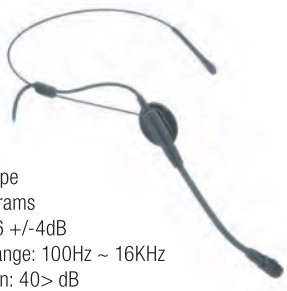
WIRELESS LAPEL MICROPHONE - DOSS

UHF wireless tie clip microphone with 16 preset channels adjustable by a rotary preset control

- UHF band: 790 ~ 806MHz
- Microphone Type: Directional Cardioid
- 2 x "AA" cells ■ Battery low indicator
- Locking 3 pin mic plug
- Size: 100 (H) x 65 (W) x 25 (D) mm

UT18 **28732942**

HEADSET MIC WITH MINI XLR PLUG - DOSS



- Condenser type
- Weight: 40 grams
- Sensitivity: -6 +/-4dB
- Frequency Range: 100Hz ~ 16KHz
- S/N Reduction: 40> dB

HM26XR **28732943**

HEADSET/ LAVALIER MICROPHONE - DOSS

Lightweight, adjustable, modular headband, and ear pieces provide a comfortable fit

- Can be assembled into a headset or a lavalier mic
- Sensitivity: -65 ±4dB (0dB=1V/Ubar 1KHz)
- Frequency Response: 50 ~ 20,000 Hz
- Output Impedance: 2KΩ Max. (RL=2.2KΩ)
- Direction: Omni-directional ■ S/N Ratio: >38dB
- Maximum Input Sound Pressure Level: 110dB SPL

HM-105 **28739108**

WIRELESS HANDHELD MICROPHONE - DOSS

UHF wireless handheld microphone with 16 preset channels adjustable by rotary preset in battery compartment

- Anti roll ring and comfortable balanced grip with no protruding antenna
- UHF band: 790 to 806MHz
- Powered by 2 x AA cells
- Three position on/off slider switch features standby position to eliminate noise when not in use
- Size: 250mm Long x 55mm Diameter

UF18 **28732941**

WIRELESS MICROPHONE KIT - DOSS

Super sensitive UHF high broadband diversity receiver and noise cancelling cardioid microphone in foam insert protective carry case

- True diversity for optimum quality, free from drop out
- Cannon balanced line and 6.3mm phone plug unbalanced outputs
- Preset squelch control ■ Volume control
- Bar graph display ■ ½" rack mountable
- DC input 12v (includes AC adaptor)

		Frequency
WMS101-875	28737100	800.875MHZ
WMS101-375	28737105	805.375 MHZ

WIRELESS MICROPHONE KIT - AKG

SR40 Transmitter

- Single fixed frequency ■ All-metal case
- Multichannel capability for simultaneous use of up to seven channels (maximum number of channel depends on local frequency plans)
- High Definition Audio Performance technology ensures the legendary, realistic AKG sound and perfect audio transmission
- Modulation: FM
- THD: typ. 0,8 % (at 1 kHz)
- Signal/noise ratio: typ. 110 dB(A)
- Power supply: 120/230 V AC
- Audio outputs: bal. 1/4" jack, output level adjustable, at rated deviation: 500 mV rms.
- Dimensions: 200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)
- Net weight: 581 g (1.3 lbs.)

HT40 PRO Microphone

- High Definition Audio Performance technology ensures the legendary, realistic AKG sound and perfect audio transmission
- Transmitter operates for at least 30 hours off a single AA size battery
- Single-battery powering
- Multichannel capability for simultaneous use of up to seven channels
- Modulation: FM
- THD: typ. 0,8 % (at 1 kHz)
- Signal/noise ratio: typ. 110 dB(A)
- RF output: typ. 10 mW (ERP)
- Battery life: typ. 30 h (for 2200 mAh)
- Net weight: 195 g (6.95 oz.)

WMS40PROHT	28739112

WIRED MICS

PURE VOCAL MICROPHONE - PRO2

- Specially designed for live performance
- Superior OFF-AXIS rejection
- Super lightweight diaphragm
- Impedance: 600Ohms
- Maximum SPL: 140dB
- Frequency Range: 50~18,000Hz
- Sensitivity: -51dB (0dB=1V/pa

DMS468	28653512

DROP PROOF BALANCED MIC - REDBACK

- Inbuilt 3 pin XLR male connector
- 5m twin shielded balanced lead (3 pin XLR female to 3 pin XLR male)
- Specially designed grill ball means the mic "bounces" rather than crushing the grill when it's dropped!
- Polar Pattern: Unidirectional
- Housing Material: Zinc Diecast
- Impedance: 600 Ohm
- Sensitivity: -72dB ±3dB
- Frequency Response: 50Hz - 15kHz

DM383	28653493

SUPER CARDIOID BALANCED MIC - REDBACK

This super-cardioid microphone features a well weighted zinc diecast housing with 3 pin XLR male connector and on/off switch

- Anti-roll grill bar
- 4.5m twin shielded balanced lead (3 pin XLR female to 3 pin XLR male)
- Polar pattern: Unidirectional
- Housing: Zinc diecast
- Impedance: 300 Ohm ± 30%
- Sensitivity: -74dB ±3dB
- Freq. resp.: 50Hz - 16kHz

DM384	28653506

VOCAL MICROPHONE - SHURE

INDUSTRY STANDARD

- Uni-directional cardioid pickup pattern to minimize feedback and background noise plus a self-contained filter for wind noise and breath pop
- Freq. Response: 50 ~ 15,000Hz
- Sensitivity: 75dB ■ Impedance: 150Ω
- 3 pin Cannon connection (cable not supplied)
- Size: 51mm Ø x 162mm (L)

SM58-LC	28656672

VOCAL MICROPHONE - AKG

- Sturdy die-cast metal body
- Designed for hi-fi recording and Karaoke use
- Rugged wire mesh cap with internal protective basket
- Polar pattern: cardioid
- Sensitivity: 2.5 mV/Pa
- Impedance: 600 ohms
- Finish: Zinc/alloy diecast
- Net weight: 380 g (0.84 lbs.)

D55S	28657906

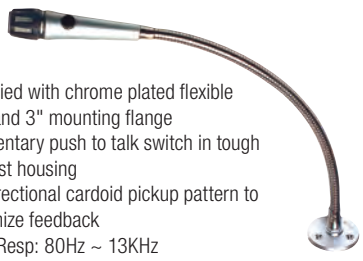
LEAD VOCAL/ LIVE SOUND MICROPHONE - AKG

A dynamic handheld microphone for lead vocalists. The super cardioid polar pattern guarantees for utmost gain before feedback and makes the voice cut through the mix more easily. Its heavy duty metal body will take some tough handling.

- Rugged performance microphone
- On/off switch
- Rugged wire mesh cap with internal protective basket
- Sturdy die-cast metal body
- Complete with stand adapter

D88S	28657910

GOOSENECK MICROPHONE - SHURE



- Supplied with chrome plated flexible arm and 3" mounting flange
- Momentary push to talk switch in tough diecast housing
- Unidirectional cardoid pickup pattern to minimize feedback
- Freq Resp: 80Hz ~ 13KHz
- Impedance: 150 ■ Sensitivity: 82dB
- Cable: 1.3 Metre from gooseneck
- 4 conductors with hum shielding
- Mic 36mm Ø x 159 l Gooseneck 483mm Long

515SB-G18	28656515

DESKTOP PAGING MICROPHONE - TOA

- Dynamic microphone element with a 600 ohm balanced output
- Press-to-talk bar & convenient locking lever
- Auxiliary switch contact for mute or relay circuits
- Cardioid pattern with excellent ambient noise rejection ■ Delivers a smooth and natural sound
- Sensitivity (1 kHz) -58 dB
- Frequency Response 100Hz-10kHz
- Cable Type 2-C shielded (audio) 2-C (aux switch)
- Microphone Head Zinc plated steel mesh, gray baked paint ■ Stand / Base Gray ABS resin
- Dimension: (W x H x D) 100 x 215 x 150mm
- Weight: 440g

PM660	28657200	
PM660U	28657201	'Open Off' switch
PM660XLR	28657202	XLR connector

DESK/ PAGING MICROPHONE - INTER-M

- Unidirectional Dynamic Mic
- Remote Chime Switch
- Mic ON/OFF Switch
- 2 Push Buttons for Easy Operation
- Input Sensitivity / Impedance 75dB±3dB (0dB=1V/μber at 1,000Hz), 600ohm
- Frequency Response: 100Hz~18kHz
- Type: Moving Coil Dynamic
- Weight: 1.4kg
- Dimension: 90(W) x 45(H) x 133(D) mm

RM01	28657210

SHOTGUN MICROPHONE

- Switchable Short & Long Distance Super Cardioid Electret Microphone
- Impedance: 600 (Short) : 2.3K (Long distance)
- Sensitivity @ 1KHz: - 68dB (Short.). - 53dB (Long.)
- Freq. Response: 80~12,000Hz ■ SPLl: 120db mx
- Switch: Super cardioid /Normal cardioid /Off
- 1 x " AA" battery ■ Curly cable with 3.5mm plug

EM2700	28657235

MIC STANDS/ ACCESSORIES

13" FLEXIBLE GOOSENECK

- High quality chrome plated flexible arms with 5/8" Male to 5/8" Female threads
- Ideal for mounting mics with 04354 to walls, benches or rostrums
- Suits standard mic holders

26DN002	28973056	13 Inch
26DN001	28973072	19 Inch

15CM XLR GOOSENECK

- Plug in flexible extender - 15cm
- Three pin XLR plug to socket
- Black finish

GN15XLR	28973081

UNIVERSAL HEAVY DUTY MIC CLAMP

- Clamp type quick release spring action. 5/8" Female thread

AL1A	28975001

MICROPHONE SLANT HOLDER

- For 24mm mics. 5/8" Female thread, with Brass insert

AL3A	28975025

MICROPHONE WIND SCREEN

- Black sponge
- Fits: 51-55mm diameter Microphone heads

MWS52BLK	28975621

600 OHM INSERT

- Omni-directional electret mic insert
- Impedance: 600
- Power: 1.5V
- 10mm Diameter x 8mm deep (needs 10f electrolytic capacitor between +ve.)

EM10	29005270

WALL MOUNTING PLATE

- Surface mounting black base fits most goosenecks
- 5/8" male thread

04354WMP	29291307

MICROPHONE BOOM ARM

- Heavy duty chrome plated boom
- Length: 82cm with sliding adjustable lock 3/8" and 5/8" threads on boom

23DB001	29293401

MICROPHONE STAND

- Heavy diecast base
- Height Extended: 440mm
- Boom Length: 330mm
- 3/8" & 5/8" threads on boom

04344MS	29293540

MICROPHONE FLOOR STANDS

04349MS 20DS004

20DS002

- Folding type base
- Adjustable Height: 91 to 157cm
- 3/8" and 5/8" male thread

MICROPHONE FLOOR STAND

20DS004	29293517

MICROPHONE FLOOR STAND WITH BOOM

- 82cm fixed on stand boom assembly

04349MS	29295195

MICROPHONE FLOOR STAND WITH FLOATING BOOM

- Heavy duty, stable folding type base with 82cm floating boom assembly
- Mics can be attached to stand & boom simultaneously

20DS002	29293501

GOOSENECK MIC DESK STAND

- Heavy matt black cast base
- 16cm diameter
- Chrome plated flexible 30cm (12") gooseneck assembly
- 5/8" male thread

22DS001	29293601

MICROPHONE DESK STAND

- Base diameter: 156mm
- Height collapsed: 220mm
- Extended: 360mm
- 5/8" metal thread

04366MS	29295535

MICROPHONE DESK STAND

Matt black diecast base with chrome plated metal tube

DS5	29295527

MIC MIXERS

4CH MICROPHONE MIXER

This compact mono mixer allows 4 channels of audio to be mixed via 6.35mm unbalanced connections

- 4 x unbalanced 6.35mm inputs
- 1 x balanced 6.35mm outputs
- 24dB total gain
- Frequency response: 10-100KHz
- THD: less than 0.05%
- Signal to noise ratio: >80dB
- Dimensions: 152 x 84 x 52mm
- Input impedance: 30K Ohm
- Output impedance: 600/5K Ohm unbalanced, 1.2K/10K Ohm balanced
- Max balanced output level: +16dB
- 9V battery power (20 hour battery life)
- 9V DC input

MIX400	29131055

HEADPHONES

WIRELESS HEADPHONES

RF CORDLESS STEREO HEADPHONES - AKG

- Cordless charging
- Auto-tuning feature for reliable reception
- Can be expanded with multiple headphones
- Approx. 15 hrs battery life (NiMH rechargeable)
- PLL synthesized tuner for optimum transmission, even through walls and ceilings
- Easy connection to any audio source and automatic gain control makes hookup and operation simple
- Self-adjusting headband
- Audio bandwidth 18 Hz to 20 kHz
- Carrier frequency 916 MHz
- Range 864 MHz: approx. 100 m (330 ft.) under ideal transmission conditions (free field)
- 916 MHz: approx. 30 m (100 ft.) under ideal transmission conditions (free field)

K206AFC	20510732

RF CORDLESS STEREO HEADPHONES - SENNHEISER

- **Open, stereo, supra-aural headphones**
- Range of up to 100 metres
- Three selectable RF channels
- Transmitter with metal cradle for storing and recharging the headphones
- Very lightweight headphones, extremely comfortable
- Rechargeable NiMH batteries included (size: AAA)
- Signal-to-noise ratio > 65 dBA
- RF frequency range 863-865 MHz or 926-928MHz
- Frequency response (headphones) 22-19500 Hz
- Operating time (Accupack) approx. 20-25h
- THD, total harmonic distortion < 0,7 %

RS120-9	20518875

RF CORDLESS STEREO HEADPHONES - SENNHEISER

- **Open, circumaural headphones**
- Switchable SRS surround sound mode
- Intelligent auto-tuning with memory function
- Self-learning automatic level control
- Extremely comfortable lightweight headphones
- Easy recharging: simply hang the headphones onto the charging cradle
- Rechargeable NiMH batteries included

RS130-9	20518880

RF CORDLESS STEREO HEADPHONES - WINTAL

Auto Tuning wireless headphones for personal TV/ DVD/Radio listening

- Advanced RF technology eliminates interference from nearby radio sources ■ Stereo transmitter
- Built-in Charger ■ Automatic Level Control
- Auto On/Off ■ Operation Distance: Up to 100m
- Frequency Carrier: 900 MHz
- Frequency Response: 30Hz - 12KHz
- Distortion: 1.5% ■ S/N Ratio: 50 dB

RF900	20518510	
RF900SP	20518515	Spare Headset

USB WIRELESS HEADPHONES - WINTAL

Ideal companion for your laptop or home computer. Just plug in the USB transmitter to any available USB slot and enjoy crystal clear sound with no wires

- 92dB Audio Dynamic Range
- FSK Digital Modulation/ Demodulation
- Low Power Consumption (2x AA Batteries)
- 2.4GHz ISM Band with 8 selectable channels
- Non-compression for high sound quality with a delay time of 0.5ms
- Operating distance of up to 30m with perfect reception!
- Power On/Off, Power On indicator and Volume control located on headset
- Connect up to 8 headsets using one transmitter
- USB transmitter compatible with Windows 98SE/ ME/2000/XP/Vista
- Package contents: Headphone, USB Transmitter, 1.5V AA Battery x 2, User Manual

WH24USB	20514790	
WH24	20514791	Spare headset

IR CORDLESS MONO HEADPHONES - WINTAL

- Lightweight, Infra-Red Headphones
- Virtually interference free sound quality
- Operating distance up to 23 ft ■ Volume control
- Fully compatible with TV, VCR or other audio sources
- Contents: Infra-red Transmitter, Infrared Headset, AC/DC Adaptor, Mono male 3.5 & 6.3mm jacks

IR500	20514707	
IR500HP	20514708	Spare headset

WIRED HEADPHONES

CLOSED BACK HEADPHONE - AKG

- Affordable closed-back stereo headphones
- Soft, circumaural leatherette earpads ■ Self-adjusting
- Frequency Range: 16Hz to 20KHz ■ Sensitivity: 96dB
- Rated Impedance: 32 Ohms

K44	20510707

SENNHEISER HEADPHONES

CLOSED SUPRA-AURAL HEADPHONES - SENNHEISER

- Dynamic hi-fi stereo headphones
- For DJs, ideal for both mobile sources and home mini hi-fi systems
- Removable earcups
- Specially designed damping perforation ensures powerful bass response
- Nominal impedance: 32 Ohm
- Frequency response (headphones) 18-18000 Hz

HD202 **20518810**

CLOSED SUPRA-AURAL HEADPHONES - SENNHEISER

- Medium-sized dynamic, supraaural headphones
- Individually adjustable ear clips
- Outstanding passive attenuation of ambient noise
- Comfortable head- and ear pads
- Highest wearing comfort for long music sessions
- Rotatable ear cup for one-ear listening
- Convenient protective pouch included

HD205 **20518811**

CLOSED SUPRA-AURAL HEADPHONES - SENNHEISER

- Dynamic hi-fi stereo headphones ■ Ideal for DJs
- Earcups can be removed from the headband
- Specially designed damping perforation ensures powerful bass response
- Extra-thin diaphragm for precise trebles
- Nominal impedance: 32 Ohm
- Frequency response: 12-19000 Hz

HD212PRO **20518812**

CLOSED CIRCUM-AURAL HEADPHONES - SENNHEISER

- Excellent attenuation of ambient noise
- Excellent stereo sound
- Spatial sound image
- Outstanding wearing comfort for long listening sessions ■ Ear cup: rotatable for one-ear listening
- Convenient protective pouch included

HD215 **20518817**

OPEN DYNAMIC HEADPHONES - SENNHEISER

Fitted with Sennheisers innovative E.A.R. technology, plus special Duofol diaphragms that reduce unwanted resonances to an absolute minimum

- Nominal impedance 120 Ohm
- Contact pressure 3,5 N
- Weight w/o cable 255 g
- Jack plug 6,3 mm stereo (3,5 mm Adapter)
- Ear coupling circumaural ■ Cable length 3 m
- Frequency response: 14Hz - 26000Hz
- Sound pressure level (SPL) 104 dB
- THD, total harmonic distortion less than 0,2 %

HD515 **20518845**

HIFI/HOME CINEMA HEADPHONES - SENNHEISER

- (E.A.R.) design channels the audio signal directly into your ears
- Advanced Duofol diaphragm technology almost eliminates standing waves inside the capsule
- Optimized neodymium ferrous magnet systems
- Extremely comfortable velour ear pads
- Nominal impedance: 50 Ohm
- Jack plug 6.3mm stereo (3.5 mm Adapter)
- Cable length: 3m
- Frequency response: 15~28000 Hz
- THD, total harmonic distortion < 0,2 %

HD555 **20518850**

HIFI/HOME CINEMA HEADPHONE - SENNHEISER

- Open, circumaural, dynamic, wired stereo headphones
- (E.A.R.) enables ideal sound channelling for a new kind of listening experience
- Advanced Duofol diaphragms
- Skin caressing velour ear pads
- Headphone holder included
- Nominal impedance: 50 Ohm
- Jack plug: 6,3 mm stereo (3,5 mm Adapter)
- Cable length: 3m
- Frequency response: 12-38500 Hz
- THD, total harmonic distortion < 0,1 %

HD595 **20518855**

NECK BAND STEREO EARPHONES - SENNHEISER

- Stereo headphone with 3.5mm headphone jack
- Neckband style designed to give a stable and comfortable fit ■ High quality sound with deep bass
- Nominal impedance : 24 Ohm
- Ear coupling: supraaural
- Transducer principle: dynamic, open
- Frequency response: 18-21000 Hz
- Sound pressure level (SPL): 122 dB

PMX60 **20518805**

NOISE CANCELLING HEADPHONES - SENNHEISER

- Dynamic stereo mini headphones
- Ideal for mobile audio sources such as MP3 players or portable CD players
- Ear cups can be turned through 90°
- In-line NoiseGard™ box (for 2 AAA batteries), can be rotated through 360°
- Contents include: PXC 150, 1 draw string pouch, 1 adaptor to ¼" (6.3 mm) stereo jack, 1 adaptor to 3.5 mm double mono jack

PXC150 **20519118**

NOISE CANCELLING HEADPHONES - SENNHEISER

- Closed, supraural stereo headphones
- NoiseGard: active noise cancellation
- Collapsible headphones lock in open/folded position
- Exclusive Duofol diaphragms with turbine embossing
- Outstanding bass response
- Supplied: Carrying bag and airplane audio adapter
- Frequency Response: 10-21000 Hz
- Nominal Impedance: 300 Ohm

PXC250 **20510709**

NOISE CANCELLING CIRCUMAURAL HIGH-END TRAVEL HEADPHONE - SENNHEISER

- For people on the move
- Audiophile sound experience
- NoiseGard™ Advance active noise compensation
- Practical volume control integrated in the cable
- Is foldable and is supplied complete with a practical transport case

PXC350 **20510712**

DJ HEADPHONES - TDK

- Powerful 50mm driver
- For DJ and professional applications
- Swivel reversible auto return ear cups
- Adjustable cushioned head pad
- 2.7m coiled single sided cable
- Driver Unit: 50mm
- Frequency Response (Hz): 20 – 20000 Hz
- Impedance: 32 Ohm ±15%

ST-PR400	20519116

CLOSED BACK HEADPHONES - TDK

- 40mm driver
- 90° swivel ear cups
- Lightweight and foldable with adjustable headband
- 3m cord
- Driver dia.: 40mm
- Frequency Range: 100 – 18,000 Hz
- Impedance: 32 Ohms
- Max Input Power: 400 mW

ST-100	20519124

CLOSED MONITOR HEADPHONES - TDK

- 50mm dome driver
- Leather cushioned ear pads
- 2m cord
- Power Handling: 400mW
- Frequency Response (Hz): 20 – 20,000Hz
- Impedance: 32 Ohms

ST-200W	20519114	○
ST-200B	20519125	●
ST-200BLU	20519135	●

NOISE CANCELLING HEADPHONES - TDK

- 40mm driver
- Soft ear pads
- Foldable and swivel ear cups
- Bonus carry pouch
- 2m cord
- Req. 1x AAA battery
- Frequency Range: 18 – 22,000 Hz
- Impedance: 16 Ohms
- Max Input Power: 30mW

NC-100	20519117

NOISE CANCELLING HEADPHONES - TDK

- 30mm driver
- Soft ear pads
- Swivel ear cups
- 1.5m cord
- Bonus carry pouch
- Sensitivity (dB/mW) 114 (noise red. off) and 120 (noise red on)
- Frequency Response (Hz): 20 – 20,000
- Impedance: 32 Ohms

NC-200	20519115

STEREO HEADPHONES - RPG

Fully adjustable headband with large soft vinyl ear cushions for comfortable positioning on your ears, and reducing unwanted noise

- 57mm driver units
- Cord Length: 1.6M
- Impedance: 8 Ohms
- Freq. Response: 25 ~ 18,000Hz

PH100	20517601	Standard
PH100R	20517617	+ Volume Control

HEADPHONES WITH VOLUME CONTROL - SANSAI

- Stereo headphones with in-line volume control
- 3.5mm standard headphone jack connection 6.5mm adaptor plug
- Specially designed for digital audio devices such as cd players, mini disc and MP3 players

MLPR48V	20518930

DYNAMIC STEREO HEADPHONES - PANASONIC

- XBS®-Port boosts low frequencies
- Copper Clad Aluminium Wire voice coil (C.C.A.W.)
- Large size driver unit
- Movable housing system and soft earpads
- 24K Gold-Plated, L-type stereo mini plug
- XBS (Extra-Bass system)
- Frequency response: 14Hz-23kHz

RPHT41	20510716

LIGHTWEIGHT HEADPHONES - PANASONIC

- Lightweight and comfortable, for portable audio
- High performance driver units
- C.C.A.W voice coils
- Frequency Response: 20Hz~20KHz

RPHT010	20517915

MINI EAR BUDS - PANASONIC

- Ergonomic design for comfortable fit
- Large size 13mm speaker units
- C.C.A.W voice coils
- Frequency Response: 20Hz~20KHz

RPHV152	20517909

BLACK EAR BUDS - TDK

- Enhanced bass for superior sound
- Suitable for any occasion and any device
- Gold plated 3.5mm plug

EB-100	20519111

STEREO EAR BUDS - TDK

- 3 ear fitting sleeves for noise reduction
- Non-tangling cord ■ 1m extension cord
- Suitable for any occasion and any device
- Gold plated 3.5mm plug
- Available in black or white

EB-300B	20519112	●
EB-300W	20519113	○

STREET HEADPHONES - SENNHEISER

Stereo earphones with Twist-to-fit system ensures best-possible fit

- Accessories: ear adapter set and carrying case
- Frequency response 17-21,000 Hz
- Impedance 64 Ohm ■ THD < 0.1%
- 3.5 mm right angled stereo mini-jack plug

MX55	20519123

EARPHONES - SENNHEISER

- Powerful earphones for music on the go
- Ideal for use with all MP3, CD, DVD players and portable gaming systems
- Best sound experience
- Powerful, bass-driven stereo sound
- Outstanding wearing comfort on the go
- Asymmetrical cable design ensures high comfort

MX160B	20518831	1 pair of earpads
MX360B	20518833	3 pairs of earpads
MX460B	20518840	Basswind system ●
MX460W	20518841	Basswind system ○

EARPHONES - SENNHEISER

- Powerful, bass-driven stereo sound
- Perfect fit in the ear canal due to ear adapters in different sizes (included)
- Extremely small and lightweight
- Frequency response: 18Hz - 21kHz
- Impedance: 16 Ohm

CX300B	20518690	●
CX300S	20518692	●

IN EAR HEADPHONES - SENNHEISER

- Ideal for use with all MP3, CD, DVD players and portable gaming systems
- Perfect fit in the ear canal due to ear adapters in different sizes (included)
- Includes: 1 CX 400, 1 set of CX ear fit adapters (S/M/L), 1 cable clip, 1 carrying pouch, 1 cable winder, 1 extension cable (1 m)
- Frequency response: 17 - 21000 Hz
- Impedance: 16 Ohm

CX400B	20519127

EARGRIP HEADPHONES - SANSAI

- Stereo headphone with 3.5mm headphone jack
- Stylish blue ear buds with ear-grip design for comfortable and perfect fit

HS994	20518925

MINI STEREO EARPHONES - SANSAI

- Stereo headphone with 3.5mm headphone jack
- Stylish silver colour ear buds
- Turbo Sound design ideal for digital equipment

SHD205	20512160

MAGNETIC EAR BUDS

E15MT MR13

Magnetic earpieces with 3.5 mm plug for radios, TV or instruments

MR13	20511501	1 metre cord
E15MT	20511517	5 metre cord

HEADPHONE SPARES

HEADPHONE LEAD - SENNHEISER

- 3 meter lead with 3.5mm stereo plug and mini 2-pin plug
- Suits all Sennheiser models with plug-in leads

37974	20518760

HEADPHONE LEAD - SENNHEISER

- Cable length: 3m
- 3.5 mm stereo plug to 2x 3.5mm mono plugs
- Suits: HD212, HD497, EH250, EH350

83380	20518762

MINI REPLACEMENT EARPADS

- 18mm diameter Earphone pads
- 2 pairs: Red and black

EP10	20524090

MINI EARPADS

- Mini 38mm diameter headphone pads

RP6	20524097

EARPADS FOR IR500 - WINTAL

Earpads to suit the Wintal IR500 wireless headphones

IR500P	20524100

EAR PADS FOR HD40 - SENNHEISER

- Genuine Sennheiser Blue foam earpads to Suit the HD40 Headphones
- Diameter: 65mm

EPHD40	20526005

EARPAD FOR HD400 - SENNHEISER

- Genuine Sennheiser Blue foam earpads to Suit the HD400 Headphones
- Diameter: 92/72mm

EP2HD400	20526018

EAR PAD FOR HD414 - SENNHEISER

- Genuine Sennheiser Yellow foam earpads to Suit the HD414 Headphones
- Diameter: 70mm

EPHD414	20526029

EAR PAD FOR HD424 - SENNHEISER

- Genuine Sennheiser Black foam earpads to Suit the HD424 Headphones
- Diameter: 90mm

EPHD424	20526046

BATTERY TO SUIT IS450

- NiCad battery to suit IS450 Infra-Red Model

BA90 20527092

BATTERY SUITS RS4-9 RS6-9 S

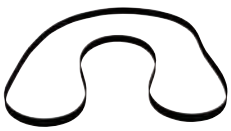
- NiCad battery to suit RS4/RS6 900MHz Models

BA151 20527095

TURNTABLE ACCESSORIES

BELTS

TURNTABLE BELTS



- Suits Pioneer and Technics Turntables
- 195mm Diameter x 5mm Wide

10JB204 60851017

- Suits Yamaha, Toshiba, Hitachi, Technics and Sherwood turntables
- 178mm Diameter x 5mm Wide

10JB207 60851033

PRE AMPS

PHONO/AUX SWITCH

- Allows easy selection between an aux line input and a stereo turntable
- Converts an existing aux input so both an auxiliary audio device and a turntable can be connected
- Powered by 9V DC adaptor (Not inc.)

CDS8 60850400

USB PHONO PRE-AMP - DOSS

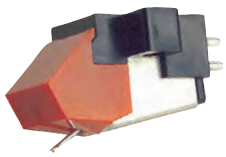
The simplest way to transfer recordings from your LP turntable to digital format.

- Built-in pre-amplifier ■ Up to 48KHz sampling rates
- Plug and play operation with Windows and Mac PCs default drivers (no additional drivers needed)
- Switch for line in or out
- MM/MC switch (for specific turntable needles)
- Power/ REC on LED indicator
- Connections: 2x RCA Phono in (Left & Right), 3.5mm stereo Line in/ out, Mini USB

PA005 60850410

CARTRIDGES

TURNTABLE CARTRIDGE



- Tracking: 1.5 ~ 2.5g
- Channel Separation: 25dB
- Output Voltage: 5.0mV

C51M-11 07160465

UNIVERSAL TURNTABLE HEADSHELL

- Aluminium universal bayonet fitting plug-in headshell ■ Suits all 1/2" mount cartridges

HS01 07163340

BSR SC12M REPLACEMENT TURNTABLE CARTRIDGE

- 1/2" or centre screw mtg. with removable mtg clip
- Replaces ceramic & crystal cartridge

KC172 07163360

MAGNETIC TURNTABLE CARTRIDGE - ORTOPHON

- Ortofon magnetic cartridge
- Spherical diamond STYLI
- Frequency range: 20~24,000Hz
- Internal resistance 1k Ohm
- Tracking weight (Recommended) 1.5 grams
- Cartridge weight: 5 grams ■ Output voltage: 4.0mV
- Mounting screws supplied

OMB5 07165239

TURNTABLE CARTRIDGE - SHURE

- Tracking : 0.75 ~ 1.5g
- 1/2" or "P" Mount (Plug in)
- Output Voltage: 5.0mV
- Stylus: N92E

M92E 07166375

TURNTABLES

For our full range of high quality turntables see the Entertainment section on page A-20

STYLI - SOUNDRING

D88SR2 FLIPOVER STYLI

- BSR Ceramic C1, X1

D88SR2 40320441

D567SR CONICAL STYLI

- National Transparent Green EPC

D567SR 40320791

D543SR CONICAL STYLI

- Sanyo Cream Rank ST14

D543SR 40320821

D501SR CONICAL STYLI

- Excel Blue ES70S

D501SR 40320854

D570SR CONICAL STYLI

- Sanyo Brown MG15

D570SR 40320921

D186SR CONICAL STYLI

- Shure Red N91

D186SR 40320931

D186E ELLIPTICAL STYLI

- Shure Yellow N91

D186E 40320932

D859E ELLIPTICAL STYLI

- Stanton Black 500E

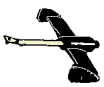
D859E 40320941

D506SR CONICAL STYLI

- Pioneer Grey PN10,11

D506SR 40320951

D590SR CONICAL STYLI



- Toshiba, Sharp Black N-3C

D590SR 40320971

D603SR CONICAL STYLI

- JVC Sharp A/Tech. Cream VM8

D603SR 40320986

D263SR2 FLIPOVER STYLI

- Sonatone Ceramic 8TA

D263SR2 40321316

D325SR CONICAL STYLI

- National With rubber block

D325SR 40321626

D387SR CONICAL STYLI
- Shure White N44-7

D387SR 40321936

D414SR CONICAL STYLI
- Shure Beige M75/6

D414SR 40322071

D425E ELLIPTICAL STYLI
- Shure Yellow N55

D425E 40322127

D442SR2 FLIPOVER STYL
- BSR Ceramic ST12,13,14

D442SR2 40322211

D444SR2 FLIPOVER STYLI
- Garrard Ceramic KS40A

D444SR2 40322221

D837SR2 FLIPOVER STYLI
- Varco Ceramic TN4

D837SR2 40322266

D456E ELLIPTICAL STYLI
- Shure Yellow N75

D456E 40322282

D464SR2 FLIPOVER STYLI
- Needle tip to suit most Panasonic branded record players

D464SR2 40322321

D475SR2 FLIPOVER STYLI
- BSR Ceramic ST16,17

D475SR2 40322376

D555SR CONICAL STYLI
- JVC, Rank White MD1013

D555SR 40322526

D556SR CONICAL STYLI
- JVC White DT33H

D556SR 40322531

D631SR CONICAL STYLI
- Kenwood Red V39

D631SR 40322616

D574SR CONICAL STYLI
- Pioneer Red/Black PN12/PC110

D574SR 40322640

D492SR CONICAL STYLI
- Onkyo Red DN24

D492SR 40322686

D605SR CONICAL STYLI
- OnkyoRed OC29M

D605SR 40322696

D564SR CONICAL STYLI

D564SR 40322726

D679SR CONICAL STYLI
- Jorgan, Yamaha Red N38,N4500

D679SR 40322761

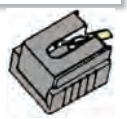
D544SR CONICAL STYLI
- ADC Blue K8

D544SR 40322791

D597SR CONICAL STYLI
- Sansui White SN288

D597SR 40322821

D598SR CONICAL STYLI
- CEC,CDC Grey MC20



D598SR 40322871

D585SR CONICAL STYLI
- Sansui White, Silver SV37

D585SR 40322896

D576SR CONICAL STYLI
- Pioneer Black PN135

D576SR 40322966

D848ED ELLIPTICAL STYLI
Conical Diamond Stereo Tip
- Shure Yellow N95ED

D848ED 40323033

D720SR CONICAL STYLI
- Philips Yellow GP370

D720SR 40323041

D665E ELLIPTICAL STYLI
- National Trans,Green EPC270/1

D665E 40323082

D604SR STLYII
- Stylus JVC Khaki DTZ1

D604SR 40323111

D675SR STYLI GR
- Hitachi Black ST103

D675SR 40323376

D849EJ ELLIPTICAL STYLI
- Shure Biege N70E,N72B

D849EJ 40323447

D735SR CONICAL STYLI
- Sansui Orange,Red, Black SN44,47

D735SR 40323741

D745SR CONICAL STYLI
- Toshiba Black,White N270,280,290C

D745SR 40323931

D957SR CONICAL STYLI
- Columbia Ceramic SJN45

D957SR 40323941

D873SR CONICAL STYLI
- Akai Yellow PC90

D873SR 40324081

D862SR CONICAL STYLI
- Kenwood Black. N39

D862SR 40324136

D930SR CONICAL STYLI
- Ortofon Red FF-15

D930SR 40324269

D955SR CONICAL STYLI
- Sanyo Grey,Red ST35D,ST55D

D955SR 40324551

D1124SR CONICAL STYLI

D1124SR 40324571

D932SR CONICAL STYLI
- Columbia Orange DSN50

D932SR 40324611

D1124SR CONICAL STYLI
- Ortofon Black LM10,20,30

D1124SR 40324621

D963SR CONICAL STYLI
- CEC Black MC17

D963SR 40324626

B

D967SR CONICAL STYLI
- CEC Black MM1

D967SR 40324681

D960E ELLIPTICAL STYLI
- National Transparent EPS202

D960E 40324693

D956SR CONICAL STYLI
- Toshiba Red N160

D956SR 40324781

D704SR CONICAL STYLI
- National Cream EPS41

D704SR 40324796

D686SR CONICAL STYLI
- Sony Styli

D686SR 40324861

D970SR CONICAL STYLI
- National Trans,Brown EPS25

D970SR 40324891

D1047SR CONICAL STYLI
- Shure Blue SS35C

D1047SR 40324946

D1032E ELLIPTICAL STYLI
- Excel Transparent ULN-C

D1032E 40325016

D975SR CONICAL STYLI
- Audio Technica Yellow ATN3600

D975SR 40325041

D1054SR CONICAL STYLI
- Scott Red 20SC

D1054SR 40325051

D1061SR CONICAL STYLI
- Toshiba Blue N50D,51

D1061SR 40325091

D1035SR CONICAL STYLI
- Sansui Red SN80

D1035SR 40325106

D1134SR CONICAL STYLI
- Sansui Orange SN60

D1134SR 40325111

D1058SR CONICAL STYLI
- Black
- Suits Sharp STY129, 133, 139

D1058SR 40325171

D1066SR CONICAL STYLI
- Sanyo Red STG9

D1066SR 40325231

D1099SR CONICAL STYLI
- National Blue EPS300

D1099SR 40325341

D1041SR CONICAL STYLI
- Hitachi Blue ST12

D1041SR 40325361

D1130SR CONICAL STYLI
- Kenwood Red N68

D1130SR 40325366

D1146SR CONICAL STYLI
- Kenwood Red N62

D1146SR 40325396

D1153SR CONICAL STYLI
- Philips Red AWA CZ800/1

D1153SR 40325456

D1106E ELLIPTICAL STYLI

D1106E 40325496

D1132SR CONICAL STYLI
- Pioneer Cream PN290T

D1132SR 40325585

D1204SR CONICAL STYLI
- Sanyo Black ST67D

D1204SR 40325671

D1185SR CONICAL STYLI
- Marantz Blue CTS551

D1185SR 40325700

D1234SR CONICAL STYLI
- Sanyo Red ST09,STW17J

D1234SR 40325763

D44SR CONICAL STYLI

D44SR 40320186

REMOTE CONTROLS

REMOTES

4-IN-1 REMOTE MASTER
- Pre-programmed with signal code for the most up-to-date AV equipment
- Volume control punch through functions
- With Teletext and Fastext functions
- Set up by code-entering or library search
- Specifically designed to work with PayTV (such as Foxtel) and satellite broadcasts with "Menu" and function keys
- 18.4(L) X 6.1(W) X 4.2(H) cm

RM840 37164899 4 in 1 Remote

8-IN-1 REMOTE MASTER
- Replace 8 remote controls (TV, VCR, DVD Player, Satellite Receiver and Cable TV inc foxtel)
- Cool Stylish design
- With Teletext and Fastext functions
- Learning Remote
- Dimensions: 18.4cm(L) X 6.1cm(W) X 4.2cm(H)

RM8000 37164901 8 in 1 Remote

8-IN-1 IR LEARNING REMOTE - PRO2
- Suitable for most: TVs, Satellites, Cable TV, VCR's, DVD's, Tapes, Hi-FI, CD Players, Radio, Mp3 Players, Amplifiers, Digital Recorders and other Audio devices
- Pre-programmed easy search and setup for over 100 brands of electrical devices
- Super fast IR Learning with user friendly Learning guide
- Large, blue blacklit LCD display which can be easily read

LRC8 37169011

16-IN-1 IR LEARNING TOUCH SCREEN REMOTE - PRO 2
- Fast universal learning
- Pre-programmed design
- Automatic guide learning
- Huge IR code database
- Editable device label
- Changeable LCD icon layout
- Any blank key can be defined as macro key
- Blue Backlight with light sensor
- Duplicate function
- Large touch screen
- 60 (W) x210 (H) x25 (D) mm

LRC16 37169008

HARMONY 12-IN-1 REMOTE CONTROL - LOGITECH

NEW

- One trigger finger is all you need
- One-Touch Control: Choose the activity you want to do, not the component you want to turn on.
- Up to 12 Components: Control video, audio, gaming—even lights and appliances.
- Customizable Buttons
- Learning Port: Add favourite functions from an old remote just by pointing it at your Harmony.
- Comfort and Convenience
- Fully Backlit Controls and LCD
- Help Button
- Online Wizard: Plug into a USB port and walk right through initial setup or adding equipment.
- 175,000-device database.
- Microsoft® Windows® 2000, XP, Vista™, Mac OS X 10.3 or later

HAR525 37169015

HARMONY 12-IN-1 REMOTE CONTROL - LOGITECH

- **6 One-touch activity buttons:** Press the button representing an activity—for example, watching a DVD—and the remote performs all the required steps, including turning components on or off and switching inputs.
- Teletext control: Includes dedicated buttons for teletext.
- Colour LCD display
- Charging station ■ Help button
- Backlit controls and LCD display
- Simple setup wizard: Connect the Harmony® remote to your computer and let the wizard guide you through initial setup.
- 175,000-device database

HAR785 37169020

HARMONY 15-IN-1 TOUCH SCREEN REMOTE - LOGITECH

NEW

Step up to the ultimate in universal remotes.
Experience a new standard in simplicity with even the most complex components. With just one touch you can start watching, listening or playing. And you'll be proud to display the Harmony 1000i's sleek brushed aluminium and iconic colour LCD.

- One-Touch Control: Choose the activity you want to do, not the component you want to turn on
- Up to 15 Components: Control video, audio, gaming—even lights and appliances.
- Infra Red Learning Port ■ Help Button
- Customizable buttons and layout
- 3.5" Colour Touch Screen ■ Charging Station
- Online Wizard ■ Built-in lithium-ion battery

HAR1000 37169025

PAYTV UNIVERSAL REMOTE - RESI-LINX

- Operates Australian Pay TV set top box (cable / satellite)
- No programming or set up required
- Built in LED to show acknowledgement of IR commands
- For use with resi-linxTM range of AV distribution equipment as a spare or second remote control
- 2 x AA batteries (not included)
- Dimensions (mm): 66(w) x 207(h) x 20(d)

RL-ACC140 37164905

REMOTE EXTENDERS

INFRA RED EXTENDER KIT - KORDZ

The Kordz infrared repeated system has been specially engineered to allow you to control your av system from virtually anywhere in your home. Just point your remote control at the target, operate as normal, and the system will 'repeat' the infrared codes through to your various AV components, which you may have hidden in a cabinet, under the stairs, or in another room entirely. Both kits include PS-125 power supply.

IRKIT124
- 1x IR-C120 2 port connecting block
- 2x IR-ERM2 dual emitters

IRKIT244
- 1x IR-C240 2 port connecting block
- 4x IR-ERM2 dual emitters

IRKIT124	37168713	IR Basic Kit
IRKIT244	37168710	IR Standard Kit

STICK ON IR RECEIVER - KORDZ

Elegant stick-on surface mount IR target Advanced circuit for effective plasma/LCD/CFL noise tolerance

- Wrapped metal housing with colour coded gloss end caps
- 2m hard wired cable, terminated with 3.5mm "stereo" mini plug for convenient and tool free plug 'n' play into connecting block
- Includes innovative 3.5mm to terminal strip adapter for tidy cable extensions
- Plugs directly into Kordz IR-C240 or IR-C120 connecting blocks using 3.5mm 'stereo' plug
- Compatible with most IR remote controls
- Frequency Range: 30-100kHz
- Dimensions: 51.0 x 9.5 x 8.0mm (LxWxD)

IR60S	37168722	●
IR60K	37168723	●

TABLE TOP IR TARGET - KORDZ

- Advanced circuit for effective plasma/LCD/CFL noise tolerance
- Molded ABS housing with IR transparent window
- 2m hard wired cable, terminated with 3.5mm "stereo" mini plug
- Includes innovative 3.5mm to terminal strip adapter for tidy cable extensions
- Plugs directly into Kordz IR-C240 or IR-C120 connecting blocks using 3.5mm 'stereo' plug
- Compatible with most IR remote controls
- Black colour only - can be paralled with IR-60 and/ or IR-30 targets in same system
- Frequency Range: 30-100kHz
- Dimensions: 104 x 27 x 55mm (LxWxD)

IR80 37168724

WALL PLATE IR RECEIVER - KORDZ

- Control your av system from virtually anywhere in your home
- Just point your remote control at the target, operate as normal, and the system will 'repeat' the infrared codes through to your various AV components
- Contents: 1x IR-C4, 4x IR-EM1, 1x PS-125

IR70C 37168725

IR REPEATER SYSTEM - RESI-LINX

The Resi-Linx RL-IR100 is a Plasma friendly hard wired Infra-red repeater kit for use in DIY and/ or custom installations, to control an A/V device at a remote location. All connections are plug & play. The RL-IR100 Junction Box features built in LED to show acknowledgement of IR commands, and is compact and lightweight.
Attractively blister packaged for Point of Sale display

Kit includes:
- Includes: Flat Target
- Junction Box
- Double Emitter
- Switch Mode power supply

RL-IR100 37168740

4 PORT JUNCTION BOX - RESI-LINX

The Resi-linx™ RL-IR300 is a compact and inexpensive junction box, designed for use in Vcomm's new and improved hard wired IR control system with either RL-IR500 or RL-IR600 (Flat or Tube Targets) and RL-IR700 or RL-IR800 Emitters.

- Built-in LED to show acknowledgement of IR commands and includes a switch mode power supply.
- Ability to cascade together two junction boxes (with the RL-IR400) to link Audio Visual equipment in multiple locations or to expand emitter output ports in one location

Connections:

- Emitter Output Ports: 4
- Target Input Terminals: 1
- RJ45 Sockets: 1

RL-IR300	37168745

PLASMA FRIENDLY STICK ON RECEIVER - RESI-LINX

The resi-linx™ RL-IR500 is a "Plasma Friendly" Flat IR Target used in Vcomm's IR Distribution System. When combined with other products in the IR Distribution System it will allow you to send IR Signals to control electronic devices from remote locations. Adhered to your TV, the RL-IR500 is compact and will allow you to control your AV equipment while discreetly tucked away inside the cupboard or in a different location.

- Receiver: IR Flat Target
- Display: LED recognition
- Cable Length Max: 60 cm

RL-IR500	37168750

IR EMITTERS - RESI-LINX

The resi-linx™ RL-IR700 is a single head blaster-type IR emitter that repeats IR remote control signals received at an IR target and sent back through the cable to the AV equipment.

- Compatible with RF IR pass back systems (5V) and hard Wired IR systems (12V)
- Blaster type

RL-IR700	37168755	Single emitter
RL-IR800	37168760	Double emitter

IR FLAT TARGET FOR COAX IR SYSTEMS - RESI-LINX

The resi-linx™ RL-RF210 is a sleek and unobtrusive "Plasma Friendly" Flat IR Target for use in the resi-linx™ range of RF IR Video Distribution system.

The target receives IR commands from remote controls and sends the signal through the Video Hub and Emitters to control the AV device at a remote location.

- Flat IR Target
- LED Recognition

RL-RF210	37168780

IR REPEATER KIT - PRO2

Kit includes:

- Connects IR receivers, power supply and emitters together to interface the IR system to the audio/video components
- Six emitter output connections
- Convenient IR confirmation LED
- Status power receptacle with LED indicator
- 3 conductor 1/8" receptacle for interfacing with many brands of free standing IR receivers
- Compact size for mounting near audio equipment
- 82 (W) x 60 (H) x 27 (D) mm ■ 110 g

MINI STICK INFRARED RECEIVER

- Receives IR signals from a handheld IR remote control and relays this signal to the audio/video equipment for operation from another room. The receiver has a non-skid base and is placed on a flat surface
- CFL friendly - allows installation in areas with compact fluorescent lighting
- Blue IR confirmation LED
- Wide band IR
- 3 m cable with 3.5 mm stereo mini plug

INFRARED EMITTER

- Round shape, with elegant & compact size
- Transparent housing
- 10ft cable length
- 3.5mm standard mono plug
- With self-adhesive tape for quick and easy fixing on any hard, clean and dry surface

12 V 200 mA POWER SUPPLY

Related product:
PRO1161 IN-WALL VOLUME CONTROL WITH IR
Page B-24

PRO1183	37168730

DUAL IR EMITTER

- Control two devices from one ou7tput on your IR distribution module
- For use with Connecting Blocks and Home Automation controllers (PRO1188A > 37168736)
- Round shape, with elegant compact size
- Infra-red diode is built-in transparent housing
- 10 feet cable length
- 3.5mm mono standard plug
- Self adhesive tapes for quick and easy fixing on any hard, clean and dry surface

PRO1142	37168732

REMOTE CONTROL EXTENDER & BENDER - PRO2

- Extend the IR Signal from your devices
- Increase the IR Signal Angle
- 3 IR LEDs Probe
- Operating Voltage 120VAC, 60Hz/ 230 or 240VAC, 50Hz/ DC12V, 100mA(min)
- Power Consumption 1 Watts Max
- Effective operating range 5m(min)
- Infrared Receiver Section: Tuning Frequency 38KHz, Extender Probe LED probe

PC2RCE	37169010

REMOTE CONTROL EXTENDER - PRO2

Uses RF technology to send infra-red signals through walls, floors, and ceilings, allowing you to control your satellite receiver, DVD, stereo system, and most appliances from anywhere in your home

- Extendable via additional transmitters
- IR Signal Receiving Effective Range: 6m approx.
- IR Extender Transmission: Effective range up to 35m
- IR Receiver Tuning frequency: 38 KHz
- IR Sender Carrier Frequency (R/C): 38 KHz
- IR Extender Transmission Frequency : 433.9 MHZ +/- 250KHz
- Power Supply: 12 V DC, 150 mA - 230-240 V AC / 50Hz

AWX710	37169710

WIRELESS SENDERS

AV SENDERS

2.4GHZ AV SENDER KIT - PRO2

The AWV315 applies advanced 2.4GHz RF wireless technology to offer users the ability to link all kinds of Audio and Video sources such as DVD players, Set Top Boxes, VCR's, TVs, Amplifiers to TVs, monitors, Hi-Fi Stereos and more, without cables or wires.

- Can be used as part of a wireless security system
- Can be used as a baby sitter to watch your baby constantly from anywhere in your home
- Use multiple receivers for broadcasting to numerous TV sets in other rooms

Features:

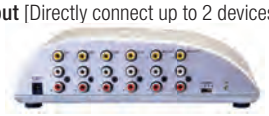
- 4 selectable channels help prevent any interference and allow operation of
- Works with all kinds of Audio and Video equipment
- The 2.4GHz transmission is more than powerful to penetrate walls, floors and ceilings within your home
- Use the IR remote of your source equipment from any where in the house through the Receiver to transmit the IR signals

AWV315	64600050	Wireless AV Sender Kit
AWV315RX	64600055	Spare Receiver

2.4GHZ WIRELESS 4-WAY AV SENDER - PRO2

Watch your cable TV in your living room and a DVD movie in your bedroom!

- **4x AV In**
  Send Audio/ Video signals from up to 4 sources
- **2x AV out** [Directly connect up to 2 devices]



- Internal Omni-Directional 2.4GHz Antenna
- Up to 100m Range with clear line of sight
- IR Extended Signal Distance up to 40 m
- Built-in RF Modulator on receiver
  4 Selectable Channels ■ 2x IR Remote Controls
- Built-in Remote Extender

Easy Operation:

1. Connect your source: (DVD, VCR, SATELLITE, STB etc) to the back of the TX (Transmitter)
2. Connect the RX (Receiver) to your secondary TV, or Stereo. (Make sure both the TX/RX are set to the same channel)
3. Choose the appropriate source on the remote control and enjoy your wireless setup

AVS500	64600100	4 Way AV Sender Kit
AVS500SP	64600105	Spare Receiver
AVS500+1	64600110	Kit + Extra Receiver

5.8GHZ AV SENDER KIT - PRO2

- Watch DVDs, Digital TV, Pay TV and more from any room in your home
- **5.8GHz bandwidth** - provides higher quality signal strength and quality compared to traditional 2.4GHz AV senders
- **Built-in IR receiver** - allows you to use your existing remote controls from any room to operate your devices
- **4 selectable channels** - avoids interference from other receivers
- **Multi-receiver support** - Spare receivers available! Add more receivers to expand your coverage!
- Crystal clear video and high fidelity stereo. The extra powerful 5.8GHz transmission strength allows you to enjoy perfect picture and sound
- Long transmission range, up to 90m with clear line-of- sight
- **Interference free** - Avoid interference from the crowded 2.4GHz band (WiFi, Bluetooth, Cordless phones, and more

AVS5800B	64600200	AV Sender Kit
AVS5800BSP	64600205	Spare Receiver

AUDIO SENDERS

WIRELESS DIGITAL AUDIO SENDER - PRO2

- Music anywhere inside your home
- Digital coding/decoding ■ Crystal clear sound
- 8ch Selectable ■ Auto-Scan ■ 0.5ms delay
- Frequency: 2.4GHz, 8 Channels Selectable
- Effective distance: 30ms L.O.S ■ Power 9Vdv

DAS24W	64600300

AV SELECTORS

3WAY SELECTOR

A 3-Way stereo push button switcher allows 3 auxiliary audio components i.e.: CD, Tape, Tuner, VCR (Audio Only) to share a single input

- Heavy duty high power capability switches
- Channel Separation @ 1Kz: 60dB
- Crosstalk between functions: @ 1 KHz:70dB
- Gold plated RCA sockets for all connections

CDS30A	08874003

CD/TUNER SWITCHER

A 2-way switch which allows you to run your CD player and your tuner into a single tuner or auxiliary input on your amplifier without having the bother of disconnecting & re-connecting input / output leads

- RCA sockets for all connections

CDA4	08874005

3 WAY VIDEO SWITCHER

A neat sturdy metal shielded box providing 3 Additional RCA stereo inputs for items such as: CD, VIDEO, TAPE TUNER and AUXILIARY

AV31S	64531000

4WAY AV SELECTOR

- 4 Inputs, 1 Output A/V Selector
- Connect up to 4 devices to one input on TV set
- **Inputs:** Composite and S-Video, stereo audio
- **Output:** Composite and S-Video, stereo audio
- Front panel has 4 positive action switches plus 3.5mm headphone socket

AV413	64531001

IR LEARNING COMPONENT VIDEO SWITCHER - PRO2

- Increase your component video and coaxial audio output!
- IR learning function allows user to control the switcher with any one of your existing IR remote controls
- 4 inputs, 1 output audio video selector with Component connectors for DVD, DTV, PS2, XBox and others
- 4 x Y/Pb/Pr Inputs, 4 x Stereo Audio Inputs, 4 x Coaxial Audio Inputs
- 1 x Y/Pb/Pr Output, 1 x Stereo Audio Output, 1 x Coaxial Audio Output
- Instant one-touch switch and simple do-it-yourself installation
- New stylish housing

HD4DCAD	64531010

COMPONENT VIDEO SELECTOR

Expand your component connections with this easy to use component video selector. Plug-in up to four component devices and output with a push of a button

- 4x Component RGB inputs
- 1x Component RGB output
- 4x Left & Right Audio inputs
- 1x Left & Right Audio output
- High Isolation ■ Crystal clear video
- Push button Selection ■ Self Terminated
- Prevents outside interference when the other ports are not in use
- Compact Size: 42 (H) x 232 (W) x 155 (D) mm

CVS500 **64537020**

6WAY AV SELECTOR

Expand your AV connections with this easy to use AV selector. Plug-in up to six AV devices and output with a push of a button

- 6x Audio Left & Right/ CVBS Video Inputs
- 6x S-Video Inputs
- 1x Audio Left & Right/ CVBS Video Output
- 1x S-Video Output
- Front panel
- High Isolation: Specially designed circuitry to ensure crystal clear video
- Push button Selection
- Self Terminated: Prevents outside interference when the other ports are not in use
- Compact Size: 47 (H) x 227 (W) x 140 (D) mm

AV613 **64537021**

HDMI 4 WAY SWITCHER - PRO2

Easy to setup: Connect all your HDMI sources to the inputs on the back and your TV to the output

- LED source indicators
- Ideal for home theatre integration
- Remote control or push button operation
- Connector: Input: HDMI female x 4
  Output: HDMI female x 1
- Video Pixel Rate: 25 MHz ~ 165 Mhz
- Video Resolution: 480p | 720p | 1080i | 1080p
- Audio sampling rate: 24bit/ 192 kbps
- HDMI version: 1.2a ■ HDCP support
- High quality metal case
- LED indication: RED: Power | GREEN: Channel
- Power: 100~240 V AC | 5 V DC, 1 A

HDMI4S **64538001**

3 WAY HDMI SELECTOR

3 way HDMI selector links any 3 HDTV sources such as DVD players, HD set top boxes, blu-ray players etc. to one HDTV display

- 3x HDMI input ■ 1x HDMI outputs
- Compact size: 115 (W) x 120 (D) x 25 (H) mm

PRO1185 **64538003**

IR LEARNING AV SELECTOR - PRO2

Connect up to 4 Audio/Video devices to your TV etc.

- 4 AV inputs | 2 AV outputs
- Built-in Composite S-Video circuit to convert composite video in S-Video
- Built-in remote programming function

AV42GS **64538005**

4-IN-1 IR REMOTE AV SELECTOR

- This AV selector connects your TV or Amplifier, expanding from 1 AV to 4 different AV sources
- Swap among 4 AV input sources by remote control
- Accepts and learns probably any IR signal generated by all your AV remote controls
- Power Supply: DC9V Power Pack included
- Video Input: 75 ohm ■ Audio Input: 47K ohm
- Dimensions (LWH): 192 x 130 x 47mm

AVM800 **64538010**

MODULATORS

A/V MODULATOR - KINGRAY

- Double SideBand phase locked loop (PLL) mono modulator
- Allows choice of RF output frequencies to reticulate audio/ video signals from Video Cameras, Satellite Receivers, CCTV, VCR's, etc. into distribution systems for hotels, units, caravan parks, schools, shop displays and more
- The AV inputs are RCA connectors with the Sound IF input and the RF output as 'F' type connectors
- Output Frequency Selection
- Adjustable RF Frequency Dip Switches 470 ~ 860MHz (Frequencies can be moved in 250kHz steps)
- Video & Audio Input Level Adjustment
- External Sound IF Input
- RF Output Level Adjustment-Nominal Continuous
- Output between 65-105dBuV, 20dB Switch, 20dB Gain Control

MD100US **00760710**

STEREO VHF AGILE DSB MODULATOR - KINGRAY

Allows for an RCA stereo audio/video baseband input with a frequency adjustable RF output. Requires PSK18S 18Vdc 500mA plugpack.

- 44MHz - 470 MHz range ■ Agile in 250KHz steps
- True stereo operation
- Fully shielded die-cast enclosure
- Can be locally or remotely powered
- Phase lock looped for stability
- Harmonic filtering ■ Variable voltage input
- Large adjustable gain range
- F connector for RF output

MD100VS **00760712**

RF MODULATOR LED - PRO2

The ultimate universal AV modulator
Connect any AV device via SCART/ Composite AV/ or RF & output to any television with RF or SCART input

- Ideal solution for "Cascade Surveillance" systems.
- Adjustable Channels: Channels 21~69
- 2 Seven Segment LEDs Display
- SCART In/ Composite In
- SCART out (Loop Through, Input Video)
- PLL Control Circuitry ■ Antenna Input ■ RF Output
- Last Channel Memory
- Compact Size: 27 (H) x 120 (W) x 70 (D) mm

RFD2169 **37400010**

AV RF UHF MODULATOR - RESI-LINX

Single input agile modulator complete with 12V DC 500mA power supply

- Output frequency: 470MHz ~ 820MHz
- TV system: Pal B - Pal G
- Frequency stability: PLL (+/- 25KHz)
- Video modulation index: 87.5% ~ 82.5%
- P/S ratio: 15 dB
- Video input: 1V peak to peak
- Audio input: 300 mV peak to peak
- Output power: 25 dB mV
- Audio jack: 3.5 mm
- Input power: 12 V DC 500 mA S/mode

RL-RF100 **37400020**

SPEAKERS PA & DJ

EVENTS & DJ

WINTAL STADIUM SERIES PA SPEAKERS

Ideal for live sound situations, offering careful acoustic design and innovative transducers. Very good punch in bass reproduction and extremely accurate high frequencies, the Wintal Stadium series offer the perfect solution for playback and installation situations where an external amplifier is required.

PASSIVE TITANIUM PRO SPEAKERS - WINTAL

NEW

General specifications:

- Nominal impedance: 8 ohms
- Connections: 2 x Speak-on
- High frequency driver: 44mm titanium compression driver
- Ideal for bands, clubs, duos and single acts, schools, churches, A/V applications, houses, hotels and many other occasions.

12" PASSIVE TITANIUM PRO SPEAKER - WINTAL

- Frequency response: 50Hz ~ 18Khz
- Peak power: 800 watts
- Program power: 400 watts
- Sensitivity (1w/ 1m): 97 dB
- Low frequency driver: 12" Woofer
- Dimensions: 620 (H) x 410 (W) x 300 (D) mm
- Weight: 15kg

STADIUM12 **39814292**

15" PASSIVE TITANIUM PRO SPEAKER - WINTAL

- Frequency response: 45Hz ~ 18Khz
- Peak power: 1000 watts
- Program power: 500 watts
- Sensitivity (1w/ 1m): 98 dB
- Low frequency driver: 15" Woofer
- Dimensions: 700 (H) x 500 (W) x 360 (D) mm
- Weight: 22kg

STADIUM15 **39814295**

ACTIVE TITANIUM PRO SPEAKERS - WINTAL

Common features:

- High frequency driver: 44mm titanium compression driver
- Connections: 2 x XLR
- Power Amplifier LF power: 200 Watts
- HF power: 50 Watts
- Equalization: 2 bands EQ ±15 dB
- Frequency response: 20Hz ~ 20Khz
- Impedance: 8 ohms

12" ACTIVE TITANIUM PRO SPEAKER - WINTAL

- Peak power: 800 watts
- Program power: 400 watts
- Sensitivity: 97 dB
- Low frequency driver: 12" Woofer
- Frequency response: 50Hz ~ 18Khz
- Crossover frequency: 3Khz
- Size: 620 (H) x 410 (W) x 300 (D) mm
- Weight: 18kg

STADIUM12A **39814293**

15" ACTIVE TITANIUM PRO SPEAKER - WINTAL

- Peak power: 1000 watts
- Program power: 500 watts
- Sensitivity: 98 dB
- Low frequency driver: 15" Woofer
- Frequency response: 45Hz ~ 18Khz
- Crossover frequency: 2.5Khz
- Size: 700 (H) x 500 (W) x 360 (D) mm
- Weight: 26kg

STADIUM15A **39814296**

LOUDHAILERS

25W MEGAPHONE DOSS

Ruggedly built loud hailer ideal for sports coaching, fairs and outdoor events

- Lightweight, strong ABS construction
- Comfortable, Balanced pistol grip handle with shoulder carry strap
- Press-to-talk switch ■ Built-in siren
- Anti-howling microphone
- Distance: 0 .5 - 0.7Km
- Dimensions: 230 Ø mm x 340 mm
- Requires: 8 x C Cells
- Weight without batteries: 1.65 kg

ER55S **28016001**

15W MEGAPHONE - TOA

- Pistol grip with dual function
- Anti-bacteria treatment
- Press-to-talk and volume trigger
- Unidirectional dynamic microphone
- Lightweight, rugged construction
- Solid state amplifier for distortion-free sound
- Power/Range: 15Watt output (max. 23 Watt)
- 0.4 Kilometres (City area)
- Weight: 1.6Kg (w/out batteries)
- Dimensions: Mouth Ø: 211mm / Length: 375mm
- Power: 6 x "C" batteries
- Approx. 10 hours (talk) battery life

ER1215 **28014217**

15W SHOULDER MEGAPHONE - TOA

- External unidirectional dynamic microphone with press-to-talk switch
- Approximately 9 hours battery life
- Special antibacterial treatment on the microphone for protection from germs

ER2215 **28014220**

30W SHOULDER MEGAPHONE - TOA

- Detachable Hand-held Microphone with volume control and On/Off switch
- Whistle function
- 30 watt output I 45 Watt Maximum Output
- Power: 10x D cells (17 hrs) or external 12V DC
- Battery Life Indicator
- Range: 800m (voice) / 1000m (whistle)
- Aux input: 3.5mm (stereo compatible 10dB (300mV) 10KΩ
- Control Panel
- Ext. microphone input: 6.35mm (unbalanced) 600Ω
- Anti-bacterial treatment for all models (mouthpiece/ microphone and handle)
- High durability ABS or ASA resin construction
- Compact and lightweight
- Wide frequency range for enhanced audio quality
- Neodymium magnets and Polyimide speaker diaphragms
- Aluminium horn delivers smooth, ring-free sound
- Range: 800M (speech) / 1000M (whistle)

ER2230W **28016006**

CEILING PA

5" CEILING SPEAKER - TOA

NEW

- Special diffuser provides wide off-axis high frequency response
- Ported bass-reflex design
- Co-axial: 5" cone driver and dome tweeter
- Wide-dispersion: 170º conical (1-4k Hz avg.)
- Frequency Response: 70 to 20k Hz
- Sensitivity: 90 dB SPL (1 W, 1 m)
- Continuous Power Handling: 120 W (8 ohms)
- Built-in 100 V transformer (30 W max.) with 8/16 ohm direct modes
- Convenient power tap selector on front baffle
- Metal back-can and safety cable
- UL Compliant for Air-Handling Spaces (UL2043)

F2352C 39776100

6" 100V LINE SPEAKER - TOA

NEW

- 6" (16cm) cone-type speaker
- Easy to installation thanks to TOA's original SUS spring-based installation method
- Finely crafted design and off-white colour harmonize with the venue's architecture and decor.
- Rated Input: 6W (100V line) / 3W (70V line)
- Rated Impedance: 100V line; 1.7k ohms (6W), 3.3k ohms (3W), 6.7k ohms (1.5W),
- Frequency Response: 45 - 20,000Hz
- Sound Pressure Level: 93 dB
- Dimensions: ø230 × 79 (D) mm (ø9.06 x 3.11")
- Finish: Baffle: Steel Plate, off-white, paint

PC2369 39776120

8" 100V LINE SPEAKER - TOA

NEW

- 8" (20cm) cone-type speaker
- Easy to installation thanks to TOA's original SUS spring-based installation method
- Finely crafted design and off-white colour harmonize with the venue's architecture and decor.
- Rated Input: 6W (100V line) / 3W (70V line)
- Rated Impedance: 100V line; 1.7k ohms (6W), 3.3k ohms (3W)
- Frequency Response: 40 - 20,000Hz
- Sound Pressure Level: 94 dB
- Dimensions: ø280 × 92 (D) mm (ø11.02 x 3.62")
- Finish: Baffle: Steel Plate, off-white, paint

PC2869 39776125

6W 100V LINE CEILING SPEAKER - TOA

NEW

- Separate Type Ceiling Speaker
- Domed flush-mount 12cm dynamic cone speaker
- Speaker protected by hard cover
- Rated Input: 6W
- Rated impedance: 1.7k ohms (6W), 3.3k ohms (3W)
- Sensitivity: 92dB (1W/1m)
- Frequency Response: 100 - 12,000Hz
- Dimensions for Fixing Hole: Mounting hole; ø200m
- Grille: Fire-resistant, high-impact styrene resin (resin material grade; UL94 V-0 or its equivalent), black
- Dimensions: 235 (W) × 174 (H) ×106.5 (D) mm
- Weight: 850g
- **Includes: front grille CP-97**
- Finish: Ream; Metal, off-white/Net; Aluminium, off-white, paint
- Dimensions: ø230 × 12 (D) (exposed section)mm

CM960/CP97 39737100

HORN PA

5" 5W HORN SPEAKER

- Ideal for alarm siren and mobile use
- Frequency Response: 500 ~ 5KHz
- Sensitivity: 98 (dB/1W/1M)
- Impedance: 8 Ohm
- Size: 131D iam x 124mm (L)

CHR58AF 39774000

6" 10W HORN SPEAKER

- 10 Watt with Fire Evac
- Power Taps: (Watts) 1.25, 2.5, 5, 7.5, & 10
- Frequency Response: 250 ~ 13KHz
- Dispersion angle: 110
- Sensitivity: 105dB
- Size: 150 x 190mm (L)
- Constructed UV stabilised plastic, all exterior parts are plated to prevent corrosion
- Power tappings are selectable via an inbuilt screwdriver adjustable rotary switch
- Fitted with a 22F bi-polar capacitor and a 4 core flying lead enabling loop in and loop out connections
- Input: 100V Line Transformer

C2029 39774012

6" 15W HORN SPEAKER - RPG

- All metal construction Horn Speaker
- Ideal for alarm sirens and mobile use
- 6" Diameter, 15 Watts
- Frequency Response: 400Hz ~ 5KHz
- Sensitivity: 105 (dB/1W/1M)
- Impedance: 8Ω
- Weight: 800g ■ Size: 150 x 150Lmm

CHR615AF 39774032

11 X 7" OBLONG HORN SPEAKER - RPG

- All Metal construction
- Frequency Response: 350Hz ~ 8KHz
- Sensitivity: 105 (dB/1W/1M)
- Impedance: 8
- Weight: 1.1Kg
- Horn opening: 67 x 160mm
- Input: 100V Line Transformer

CHK11625AF 39774160

6" 10W HORN SPEAKER - RPG

Weatherproof Metal flare with multitapped 100 Volt transformer

- 10 , 5 , 2.5, 1.25 Watts
- Frequency Response : 400 ~ 6KHz
- Sensitivity: 105 (dB/1W/1M)
- Size: 150 (D) x 150mm (L)
- Input: 100V Line Transformer

XHR610AA 39774701

8" 15W HORN SPEAKER - RPG

Weatherproof Metal flare with multitapped 100 V transformer

- 15, 10 , 7.5 , 5 Watts
- Frequency Resp.: 350 ~ 6KHz
- Sensitivity: 110dB
- Size: 210 x 280mm (L)

XHR815AA 39774732

12" 25W HORN SPEAKER

Weatherproof Metal flare with
in built multitapped 100 Volt transformer.

- 25 Watts/400 , 20 Watts/500 ,
  15 Watts /670 ,10 Watts/1K
- Frequency Resp: 300 ~ 8KHz
- Sensitivity: 110dB
- 310 Diam x 380mm (L)

XHR1225AA	39774852

8" 15W HORN SPEAKER - TOA

- Aluminium horn ■ ABS resin back cover
- Multitapped 100 V line transformer
- 8" 15 watt ■ Frequency Resp.: 250 ~1 0KHz
- 15, 10 , 5, & 3 Watts ■ SPL: 112dB
- 200 Ø (8") x 256mm (L)

SC615M	39776048

8" 30W 8 OHM HORN SPEAKER - TOA

- Paging Horn Speaker for voice paging and tone signalling distribution
- Weather-Resistant to withstand demanding environmental conditions
- Double Re-Entrant Horn with Compression Driver
- High Sensitivity: up to 113 dB (1 W/1 m).
- Usable as a Microphone for intercom talk-back applications
- Phenolic Loudspeaker Diaphragm prevents deformation from heat and moisture
- Stainless-Steel Mounting Bracket for easy installation and aiming in wall, pole or ceiling-mount applications

SC630	39776050

8" 30W HORN SPEAKER - TOA

- Rectangular 30 watt white aluminium horn
- ABS resin back cover
- Multitapped 100v line transformer
- Frequency response: 250 to 16KHz
- Power 2.5, 5, 10, 15, & 30
- Watts. SPL: 128dB
- Size: WHD 285 x 205 x 290mm

SC630M	39776063

WEATHERPROOF MUSIC HORNS - TOA

Wide range paging speakers ideal for indoor and outdoor commercial sound system applications for voice paging, background music and tone signalling distribution

- Lightweight, Sealed Enclosure prevents moisture damage
- Polyurethane Resin Paint resists the fading effects of ultraviolet light
- IEC IP-64 Standards Compliant for dust and moisture-resistance
- Wide Temperature Range: -4º F to 131º F.
- Stainless-Steel Mounting Bracket for easy installation and aiming in wall, pole or ceiling-mount applications
- Protective Stainless-Steel Mesh Grille prevents speaker damage
- Applications: Boats, Churches, Industrial, Mobile Vehicles, Parks, Schools Sports

CS154:

- 120mm Speaker
- 100V Transformer with screwdriver-adjustable
- Built-In 5, 10, 15W power taps
- High Sensitivity: up to 97 dB (1 W/1 m)
- Frequency Response 150~15,000Hz

CS304:

- 160mm Speaker
- 100V Transformer with screwdriver-adjustable
- Built-In 10, 20, 30W power taps
- High Sensitivity: up to 98 dB (1 W/1 m)
- Frequency Response 120~15,000Hz

CS154	39776066	4.7" 15W
CS304	39776069	6.2" 30W

EXTENSION PA

8" EXTENSION SPEAKER IN CABINET

- Quality construction in off white finished craftwood, & dark grey grille
- The cabinet has been designed to fit into any home or office décor
- Sloping front from 123mm at the top to 93mm at the bottom ■ Size (WHD): 256 x 256 x 123mm

SF7E

- 8" empty cabinet only

SF7STV

- with transformer & volume control

SF7STX

- Multitapped transformer, prewired with screw terminal block connection. No volume control

SF7E	38903304
SF7STV	38903337
SF7STX	38903352

30W 8Ω ENCLOSED SPEAKERS - TOA

Tasteful design optimized for most building interiors and semi-indoor installations.

- 12cm woofer and 2.5cm dome tweeter
- Horizontal or vertical wall mounting
- Instant switchover for high or low impedance use
- Weather-resistant for versatile installation choices
- **Available in black or white**
- Enclosure: 2-way bass reflex type
- 100V line; 330Ω (30W), 500Ω (20W), 670Ω (15W),
- Sensitivity: 90dB (1W/1m, in anechoic chamber)
- Frequency Response: 80 - 20,000Hz
- Dimensions: 196 (W) × 290 (H) × 150 (D) mm
- Weight: 2.5kg (without bracket)

BS1030B	39776074	Black
BS1030W	39776076	White

30W 8Ω WIDE DISPERSION SPEAKERS - TOA

F-1000 Series indoor speaker designed to provide high quality sound and reliable performance for restaurants, retail, and audio/visual applications.

- 2-way bass-reflex design
- High impact polystyrene enclosure with a 4" low frequency driver and dome tweeter
- Octagonal horn design for smooth coverage
- Paintable grille and enclosure
- Wall/ceiling-mount bracket included
- Power Handling: 90W (cont. PGM), 30W (pink noise), 15W (70V transformer ver.)
- Sensitivity (1W, 1m): 87dB SPL
- Dispersion: 90° H x 90° V

F1000B	39776090	Black
F1000W	39776092	White

60W 8Ω WIDE DISPERSION SPEAKERS - TOA

Same feature set as the F1000 series, plus:

- LF Driver: 8" cone woofer
- HF Driver: 1" hard-dome tweeter
- Crossover: 2.5kHz
- Power Handling: 180W (cont. PGM), 60W (pink noise), 60W (70V transformer version)
- Sensitivity (1W, 1m): 93dB SPL
- Dispersion (adjustable):
  110° H x 100 ° V | 80° H x 80° V

F2000B	39776095	Black
F2000W	39776097	White

ALL METAL 100V CEILING SPEAKERS

- All Metal Construction
- The unique mounting method, makes these ceiling speakers ideal for installers
- Retractable springs, securely hold speaker to mounting frame, to check or rewire simply pull down & tilt, after servicing just push back into place!

QCM5061 6" Version

- Screw terminals ■ 100V line input
- Impedance: 6W / 1667 , 3W / 3333 , 1.5W / 6667
- Mtg 155mm ■ Size: 190 Diam x 120mm

QCM6061 8" Version

- Mtg 210mm ■ Size: 240 Diam x 120mm
- Screw terminals ■ 100V line input
- Impedance: 6W / 1667 , 3W / 3333 , 1.5W / 6667

QCM5061	38907033	6"
QCM6061	38907050	8"

SPEAKERS 100V LINE

4" 100V 5W LINE SPEAKER

High quality speaker
with 100V multi-tapped line transformer

- Selectable output: 0.5, 1, 2, & 5 Watts
- Two way terminal block provided
- Frequency Response: 60 ~ 13KHz
- Diameter: 100mm ■ Overall Height: 50mm
- Magnet Diam: 70mm ■ Magnet Height: 18mm
- Sensitivity 91dB ■ Impedance: 8 ohm

SPP1001	38901001

4" 100V LINE SPEAKER WITH GRILLE

- 100mm dual cone PA speaker with
- 100 Volt line transformer
- Plastic grille with auto fixing clips
- Totally front mountable, will not work loose
- Tapped outputs 0.3 to 5 watts
- Fire evac type with 22mf bipolar cap.
- Overall size (mm): 120 Deep 160 Diameter

SPP1005	38901005

8" 100V LINE SPEAKER WITH GRILLE

- 8" In-Wall or in- Ceiling Speaker mountable
- 8" twin cone Speaker with white metal grille
- Includes multitapped 100 Volt Line transformer
- Selectable output: 1.5, 30, 6 Watts (Max)
- Overall Diameter: 275 Ø
- 154mm Screw Holes
- Front mounting design secures with easy twist locking mechanisms

SPP1010	38901010

8" 100V 5W LINE SPEAKER

Full range twin cone 15 Watt Max. high quality 8" PA speaker with 100v multitapped line transformer. Long transformer leads provided.

- Frequency Response: 1000 ~ 12KHz
- Overall Diameter: 225mm
- Overall Height: 65mm
- Magnet Diam: 70mm
- Magnet Height: 18mm
- Selectable output: 1, 5, 10, 15 Watts (Max)

SPP1020	38901020

8" 100V 15W RMS LINE SPEAKER

Extended range, twin cone 15W RMS 8" PA speaker with 100V multi- tapped line transformer

- Selectable output: 1.25, 2.5, 5, 10, & 15 Watts
- Freq Response: 85~15kHz
- Overall Diameter: 205mm.
- Overall Height: 155mm
- Magnet Diam: 100mm
- Magnet Height: 40mm
- Two way terminal block provided

SPP1030	38901030

PILLOW SPEAKER

PILLOW SPEAKER - PRO2

- Sleep more relaxed with the Pro.2 Pillow Speaker under you pillow!
- You can enjoy listening to your radio as long as you like without disturbing others
- 3.5mm Stereo Jack

PS100	38857010

SPEAKERS REPLACEMENT

GENERAL PURPOSE

MYLAR MINI SPEAKERS

Mylar diaphragm speaker for replacement use in Telephones, Headphones Intercoms and also suitable where moisture is present

SPG0921 0.25W
- Ø: 21mm ■ H: 7mm
- Freq: 30 ~ 18 KHz

SPG0927 0.30W
- Ø: 27mm ■ H: 8mm
- Freq: 30 ~ 18 KHz

SPG0940 0.35W
- Ø: 40mm ■ H: 9mm
- Freq: 30 ~ 18 KHz

SPG0921	38850921	Micro
SPG0927	38850927	Micro
SPG0940	38850940	Micro

MINI GENERAL PURPOSE SPEAKERS

Used in radios, intercoms, and other Low power applications

SPG0971 0.25W
- Ø: 50mm ■ H: 19mm
- Mag. Ø/ H: 22/ 12mm
- Freq Resp: 60 Hz ~ 4 KHz

SPG1001 0.25W
- Ø: 57mm ■ H: 20mm
- Mag. Ø/ H: 22/ 12mm
- Freq Resp: 50 Hz ~ 4 KHz

SPG1301 0.30W
- Ø: 66mm ■ H: 20mm
- Mag. Ø/ H: 22/ 12mm
- Freq Resp: 50 Hz ~ 4 KHz

SPG0971	38850971	Micro
SPG1001	38851001	Mini
SPG1301	38851301	Small

70MM - 2 3/4" SMALL GENERAL PURPOSE SPEAKER

Mini speaker 8 as used in radios, intercoms, and other low power applications

- Frequency Response: 50 Hz ~ 5 KHz
- Wattage: 0.5W
- Overall Diameter: 70mm
- Overall Height: 20mm
- Magnet Diam: 22mm
- Magnet Height: 12mm

SPG1317	38851317

100MM SQUARE SPEAKER

Suitable for radios, Television sets, Car sound, small PA & general purpose, medium power applications
- Diagonal mounting holes: 116mm
- Overall Diameter: 105mm
- Overall Height: 47mm
- Magnet Diam: 70mm
- Magnet Height: 16mm
- Twin cone ■ 8Ω 10 Watts
- Frequency Response: 60Hz~ 18KHz

SPG2301 **38852301**

100MM - 4" REDBACK SPEAKER

High quality 10 Watt RMS 20W Max with roll surround for extended bass response, and excellent midrange presence
- Freq Response: 115 Hz ~ 20 KHz
- Impedance: 8Ω
- Overall Diameter: 100mm
- Overall Height: 50mm
- Magnet Diam: 70mm
- Magnet Height: 18mm
- Tapped holes in magnet allow line transformer to be mounted if required

SPG6555 **38856555**

125MM - 5" GENERAL PURPOSE SPEAKER

Suitable for Radios, TVs, Car sound, small PA & general purpose, low to medium power applications
- Diagonal mounting holes: 145mm
- Overall Diameter: 125mm
- Overall Height: 45mm
- Magnet Diam: 45mm
- Magnet Height: 15mm
- Impedance: 4 Ω ■ Power: 6 Watts
- Frequency Response 100Hz~ 15KHz

SPG2701 **38852701**

6X4" SPEAKER

(Manufacturers No: GM4617PWW) Replacement speaker in Radios, TV sets, and Car sound systems
- Impedance 8Ω ■ 10 Watts RMS
- Diagonal mounting holes: 130mm
- Frequency Response 50Hz~ 12KHz
- Overall LxW: 152 x 95mm
- Overall Height: 43mm
- Magnet Diam: 57mm
- Magnet Height: 15mm

SPG3801 **38853801**

6X9" SPEAKER

Replacement in Radios, TVs, & Car sound systems.
- Impedance: 8 ■ Power:15.0 Watts RMS
- Frequency Response:40Hz~ 16KHz
- Diag. mounting holes: 205mm
- Overall LxW: 205 x 162mm ■ Overall H: 70mm
- Magnet Diam: 70mm ■ Magnet Height: 20mm

SPG5801 **38855801**

203MM - 8" SPEAKER

PA & small sound system twin cone speaker with 6oz magnet
- Power Handling: 15W Max.
- Impedance: 8 ohm
- Frequency Response: 75 Hz ~ 18KHz
- Overall Diameter: 205mm
- Overall Height: 65mm
- Magnet Diam: 70mm
- Magnet Height: 18mm
- Tapped holes in frame are provided for line transformer mounting

SPG6617 **38856617**

TWEETERS & MIDRANGE

85MM 25W MYLAR DOME TWEETER

High compliance 30mm Mylar dome with sound diffuser and chamfered surround for high dispersion and minimum diffraction.
- Power: 40 W (25W RMS)
- Frequency Response: 4 Hz ~ 18KHz
- Cutout Minimum: 65mm
- Size: 85mm - 25mm Depth

SPT1005 **38951005**

100MM 40W DOME TWEETER

High quality ferro fluid cooled metal dome tweeter, smooth clear highs, excellent frequency response and wide dispersion.
- Power handling: 40W
- Frequency Resp: 2.5 ~ 20KHz
- Cutout Minimum: 80mm
- Size: 100mm - 25mm Depth

SPT1101 **38951101**

125MM 30W MIDRANGE SPEAKER

Sealed back Midrange with paper cone and foam edge
- Frequency Response: 800Hz ~ 6kHz
- Power Handling: 30Watt Max
- Magnet: 5.6 oz ■ Cutout Minimum: 110mm
- Size: 130mm - 48mm Depth

SPM2001 **39052001**

BASS WOOFERS

Our range of high quality bass woofers are treated cone and dust cover with roll rubber surround for extended smooth bass response.

165MM 80W WOOFER

NEW

- SPL (DB/W.M): 88
- Impedance: 8 Ohm
- Frequency Response: 90Hz ~ 6kHz
- Magnet weight: 20oz
- Size: 165mm

SPW5055 **39155055**

200MM 100W WOOFER

- SPL (DB/W.M): 89
- Impedance: 8 Ohm
- Frequency Response: 80Hz ~ 6kHz
- Magnet weight: 20oz
- Size: 200mm

SPW5017 **39155017**

250MM 100W WOOFER

- SPL (DB/W.M): 90
- Impedance: 8 Ohm
- Frequency Response: 60Hz ~ 4kHz
- Magnet weight: 24oz
- Size: 250mm

SPW5033 **39155033**

300MM 150W WOOFER

- SPL (DB/W.M): 88
- Impedance: 8 Ohm
- Frequency Response: 40Hz ~ 4kHz
- Magnet weight: 30oz
- Size: 300mm

SPW5049 **39155049**

SPEAKER SWITCH BOXES

MULTI ROOM AUDIO INPUT MODULE - RESI-LINX

NEW

Dual Source Audio Input Module for use with Amplified Volume Controls
(RLMRA200 see page B-24)
- Includes Switch Mode power supply to power input module and volume controls (RLMRA200)
- Connection to Zone Volume Controls via RJ45
- Audio Source inputs via RCA or via RJ45 sockets on Remote Input Module (RLMRA450)
- Press lock terminals for Volume Control power cable
- IR control of source from Volume Control (RLMRA200) via emitter output ports
- System status display (source to zone indication)

Specifications:
- Frequency Response 20 Hz - 20 KHz
- Power Input 24V DC

Connections
- Power Input 2.1mm socket for connection to RL-MRA500 24V DC 3.75A power supply
- Audio Input 2 x Sets of R & L RCA jacks / 2 x RJ45 sockets
- Emitter Output 2 x 3.5mm mini jack for connection to RL-IR700 / 800
- Power Output 4 sets of Press Lock Terminals 16-26 AWG gauge
- Audio and IR Outputs 4 x RJ45 sockets
- Expansion output ports 2 x RJ45 sockets
- Dimensions (mm) 44 (h) x 180 (w) x 150 (d)

RLMRA300	39894215	

MULTI ROOM AUDIO EXPANSION FOR EXTRA 4 ZONES - RESI-LINX

- RJ45 cable connection from Audio Input Module
- Cascadable for more zones (8,12,16 etc.)
- Ideal for larger installations
- Includes Switch Mode power supply to power Expansions Module (RL-MRA350) and Volume Controls (RLMRA200)

Connections
- Power Input 2.1mm socket for connection to RL-MRA500 24V DC 3.75A power supply
- Audio and IR Outputs 4 x RJ45 sockets
- input ports 2 x RJ45 sockets
- Expansion output ports 2 x RJ45 sockets

RLMRA350	39894220	

CHECK OUT THE ENTIRE RESI-LINX AUDIO DISTRIBUTION MODULES:

RLMRA200 (Page B-24)
Multi- room volume control with LCD
RLMRA400 (Page B-24)
Multi-room audio local input module wall plate
RLMRA450 (Page B-24)
Multi-room audio remote input module wall plate

2 WAY SPEAKER SWITCH

For connecting 2 pairs of 8 ohm stereo speakers to L & R output of a stereo amplifier
- 3 position switch for: A, B , or A & B combined
- Screw connector strip terminations
- Power handling: 50W RMS per channel

SSB1	39894122	

4 WAY SPEAKER SWITCH BOX

For connecting up to 4 pairs of 8 ohm stereo speakers to an amplifier or other sound source
- Push on/Push off buttons A, B, C & D
- Positive easy to connect locking speaker terminals
- Speaker pairs may be mixed in any combination
- 100 Watts RMS Per Channel
- A red indicator shows the selected button
- Load to signal 4 ohm min.-16 ohm max. and load 8 ohm with all on

SS450	39894129	

4 WAY SPEAKER SWITCH BOX

- Four way speaker switch with screw terminal connections
- Music can be played through all pairs of 8 at the same time or selected individually

SSB4	39894145	

6 WAY SPEAKER SELECTOR

- Switch between 6 speaker pairs with one connection to your amplifier
- Inputs for 6 speakers with L/R input
- Protection for amplifier and unit
- No power required for operation

SPS6	39894120	

STEREO SPEAKER SELECTORS - KORDZ

- Send high level (ie speaker cable) to speakers in up to 6 rooms with separate volume level in each
- 70W RMS per channel high power handling
- 12-step rotary pot, including off position, soft detent volume control knob
- Full transformer based circuit for impedance matching - 4 ohm load to the amplifier with 6x 8ohm speakers pairs connected
- A/B source selection for each room independently to choose between two source amplifiers
- Separate On/Off switch for each room - turn room on or off without having to adjust volume knob
- Spring terminals for convenient speaker cable termination - accepts up to 12AWG cable
- Full metal casing - extra heavy duty construction

SPSVC4	39894200	4 Pair
SPSVC6	39894210	6 Pair

6 WAY HIGH POWER SPEAKER SELECTOR - KORDZ

- 100W RMS per channel high power handling
- Full transformer based circuit for impedance matching - 4 ohm load to the amplifier with 6x 8ohm speakers pairs connected
- A/B source selection to choose between two source amplifiers (whole bank controlled by one switch
- Separate On/Off switch for each room
- Large spring terminals for convenient speaker cable termination - accepts up to 8AWG cable
- Full metal casing - extra heavy duty construction

SPS-6	39899224	

SPEAKER ATTENUATORS

MONO AUDIO LEVEL PAD

With audio level indicator plate & control knob
- Variable resistance attenuator
- Network L Impedance 4/8
- Attenuation: 0 - 4dB

AT50	39894003	

8OHM 25W VOLUME CONTROL

- Standard sized wall plate with 12 Position switch
- Controls volume from any room, works with all A/V Systems
- Twin Multitapped Transformers for low loss and high power capability
- Screw Terminals for both Input & Output
- Rating: 50 Watts (25 Watts per channel)
- Impedance 8 Ohms

VCB20	39894024	

8 OHM 30W STEREO ATTENUATOR

Stereo 8 Ohm 60 Watt Volume Control
on standard white electrical wall plate
and mounting block

- 6 switched volume settings plus off
- Easy to connect screw terminals

A2305	39894032

20W 100V LINE ATTENUATOR

- 12 position 100 volt line speaker level control
- 12 position rotary switch
- Spring terminals for in-out connections
- Flush mounting coverplate conceals mounting screws
- Mounted on standard electrical wall plate

ATT0201	39894040

50W 100 VOLT LINE ATTENUATOR

- 12 position 100 volt line speaker level control
- 12 position rotary switch
- Spring terminals for in-out connections
- Flush mounting coverplate conceals mounting screws
- Mounted on double standard electrical wall plate

ATT0501	39894050

IN-WALL VOLUME CONTROL WITH IR - PRO2

NEW

- Wall mount stereo speaker-level volume control with built-in IR receiver
- Connects between the speaker outputs of an amplifier or receiver and a pair of speakers
- Rotary volume control and speaker on/off
- LED indicator for source component with on/off status
- Frequency response: 20 Hz ~ 20 KHz ±2 dB at rated power
- Power handling: 300 watts max/ 100 watts RMS continuous
- Input impedance: Config. to 1x, 2x, 4x, or 8x impedance matching

PRO1161	39894060

INWALL VOLUME CONTROL - PRO2

- Connects between the speaker outputs of an amplifier or receiver and a pair of speakers
- Rotary volume control and speaker on/off
- Frequency response: 20 Hz ~ 20 KHz
- **Power handling:** 300 watts max/ 100 watts RMS continuous
- Input impedance: Config. to 1x, 2x, 4x, or 8x impedance matching

PRO1163P	39894063

WALL PLATES

SPEAKER WALL PLATES

MULTI- ROOM IR VOLUME CONTROL WITH LCD - RESI-LINX

NEW

- Inbuilt 12W amplifier for use with Audio Input Module (RL-MRA300)
- Powered remotely via power cable connected to the Audio Input Module or to Expansion Module (RL-MRA350) if used
- Backlit keypad buttons - Toggle on / off , adjustment of Volume/ Source/ Bass/ Treble
- LCD display for Functions / Source Indicator
- Fully functioned Remote Control included
- Frequency Response 20Hz - 20KHz
- Power Input 24V DC
- Audio Input 8 x IDC punchdown
- Audio Output 8 x IDC punchdown
- Ext. amplifier terminal 8 x IDC punchdown
- Speaker 1 - 2 2 x screw clamp 12 - 24 AWG gauge
- Power 1 - 2 2 x screw clamp 16 - 26 AWG gauge
- Dimensions (mm) 113 (h) x 74 (w) x 50 (d)

RLMRA200	39894064

IN LINE LOCAL INPUT MODULE - RESI-LINX

NEW

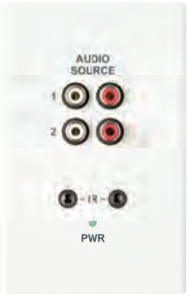
Adds additional source to the local Zone Volume Control by overriding system sources

- IR Emitter port
- Power Indicator LED
- Aux Input (Front) 3.5mm mini socket for connection to Audio Source
- IR output (Front) 3.5mm mini socket for connection to RL-IR700 / 800
- **Wiring connections**
- Power In/Out 2 x screw clamp 12 - 24 AWG gauge
- Input Module 8 x IDC punchdown
- Volume Control 8 x IDC punchdown
- Dimensions (mm) 115 (h) x 74 (w) x 55 (d)

RLMRA400	39894075

REMOTE INPUT MODULE - RESI-LINX

NEW



Connects audio sources to audio input module (RL-MRA300) from a remote location (ideal for Media Server, PC, etc.)

- Converts Audio line level signal to balanced electrical signals for transmission along twisted pair cable
- Ideal for Structured Cabling or Home theatre setups
- IR capability
- LED power indication Specifications:
- Audio / IR - Source 1 8 x IDC punchdown
- Audio / IR - Source 2 8 x IDC punchdown
- Dimensions (mm) 115(h) x 74 (w) x 55 (d)

RLMRA450	39894077

SOLDER TYPE SPEAKER WALL PLATES

Gold plated Red and Black 4mm banana sockets on standard size white electrical wall plates complete with plaster board mounting clip, screws and caps

- Solder connections

STP4	39893015	1 speaker
STP5	39893017	2 speakers

GOLD PLATED SPEAKER WALL PLATES - NEOTECH

- Custom Speaker Wall Plates
- 1 Speaker (2 Banana Plugs)
- Designed for both retro fit and new installations
- Gold plated fittings
- 110 x 70 mm standard size plates

NWP24	39893069	1 speaker
NWP44	39893072	2 speakers
NWP64	39893074	3 speakers

B

2 SPEAKERS/ 4X BANANA HEAVY DUTY

Standard white electrical wall plates with Heavy Duty Gold Plated Terminal Posts

- 4 x 4mm banana sockets plus
- 5mm Ø post holes that accommodate Hi-Spec Heavy Duty speaker cable

STP44G	39893064

4 SPEAKERS/ 8X BANANA - NEOTECH

- 4 Speakers (8 Banana Plugs)
- Designed for both retro fit and new installations
- Gold plated fittings
- 110 x 70 mm standard size plates

NWP84	39893078

5 SPEAKERS/ 10X BANANA - NEOTECH

- 5 Speaker (10 Banana Plugs)
- Designed for both retro fit and new installations
- Gold plated fittings
- 110 x 70 mm standard size plates

NWP104	39893080

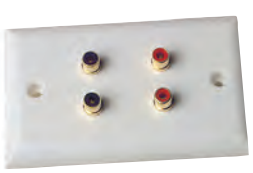
1 SPEAKER/ 2X RCA

Gold plated Red and Black RCA sockets on standard white wall plate with plasterboard mounting clip, screws and caps.

- Solder connections

STP10	39893042

2 SPEAKERS/ 4X RCA

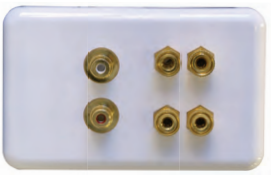


Gold plated Red and Black RCA sockets on standard white wall plate with plasterboard mounting clip, screws and caps.

- Solder connections

STP11	39893046

2X RCA & 4X BANANA TERMINALS



Designer wallplate series with a dress cover for clean and easy pre-installation and retro fit custom installs. Various connection options are ideal for custom home theatre setups.

- 2x RCA/ 4x Gold Plated speaker terminals
- Socket to socket through plate gold plated fittings

Dimensions: 70 (W) x 110 (H) mm

NWP244	39893105

AV WALL PLATES

BLANK WALL PLATE

- Used as a cover or drilled to suit a variety of uses
- Size: 114 x 70mm, 84mm mounting centres

770GFBP	11953401

BLANK KEYSTONE WALL PLATES

- Single Flush type plate to accept PK4500 & PK4534 Keystone jacks
- Fits standard electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on Gyprock or fibro cavity walls
- Includes mounting screws
- Supplied unloaded without Keystone jacks
- Size (WHD): 70 x 114 x 6mm

PK4550	30634550	Single Flush
PK4565	30634565	Double Flush
PK4570	30634570	Triple Flush
PK4575	30634575	Quad Flush

KEYSTONE INSERTS

'F' INSERT KEYSTONE

- Gold plated Keystone F adaptor for many applications
- Features an F socket to socket

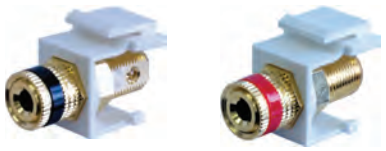
PK4601	30634601

S-VHS INSERT KEYSTONE

- Keystone S-Video adaptor for many applications
- Features an S-Video socket to IDC terminal

PK4610	30634610

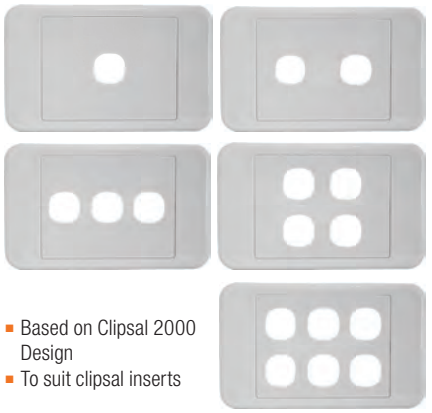
BLACK SPEAKER TERMINAL



- Gold plated Keystone Banana socket adaptor for many applications
- Features a 4mm socket to screw termination

PK4615	30634615	●
PK4620	30634620	●

BLANK CLIPSAL DESIGN WALL PLATES



- Based on Clipsal 2000 Design
- To suit clipsal inserts

PK4580	30634580	1 Gang Wall plate
PK4582	30634582	2 Gang Wall Plate
PK4584	30634584	3 Gang Wall Plate
PK4586	30634586	4 Gang Wall Plate
PK4588	30634588	6 Gang Wall Plate

CLIPSAL DESIGN INSERTS

RCA SOCKET TO 'F' SOCKET

- RCA connector
- Gold plated terminals
- Recessed RCA socket
- To suit clipsal wall plate

		RCA Connector
PK4644	30634644	●
PK4646	30634646	●
PK4648	30634648	●
PK4650	30634650	●
PK4652	30634652	○
PK4654	30634654	●

'F' SOCKET TO 'F' SOCKET

- F-Type to F-Type Insert
- Blue terminal
- To suit clipsal wall plates

PK4640	30634640

PAL SOCKET TO 'F' TYPE INSERT

- To suit clipsal wall plates

PK4642	30634642

SPEAKER TERMINAL INSERTS

- Gold plated terminals
- To suit clipsal wall plates

PK4658	30634658	●
PK4660	30634660	●

BLANK INSERT TO SUIT CLIPSAL WALL PLATES

- Suits the clipsal design range of wall plates

PK4656	30634656

RJ12 MECHANISM SOCKET TO SUIT KEYSTONE OR CLIPSAL DESIGN

- Keystone modular IDC type wall socket with adaptors to fit standard wall plates including the ID NAME plates and CLIPSAL design (PK4551/ PK4562).
- RJ12 6 contact type, accepts PK3988/3994 Modular plugs. 6P6C OR 6P4C

PK4500	30634500

CAT5 RJ45 MECHANISM SOCKET TO SUIT KEYSTONE OR CLIPSAL DESIGN

- Keystone modular IDC type wall socket with adaptors to fit standard wall plates including the ID NAME plates (PK4551/PK4562)
- RJ45 8 contact type, accepts PK4001 Modular plug

PK4534	30634534

STANDARD WALL PLATES

- Standard electrical wall plate assembly with snap on cover that hides mounting screws
- Intergrated cable strain relief posts
- Includes ID Name plate for each outlet
- Adapters included to suit most IDC Modular sockets
- Includes Reducer for connecting RJ12 Plug to RJ45 Socket

PK4551	30634551	1 Gang Wall Plate
PK4562	30634562	2 Gang Wall Plate

COMPOSITE AV WALL PLATE

- 3-Way gold plated Red, White, & Yellow RCA sockets on wallplate with mounting clip

STP12	39893050

COMPONENT, F TYPE & S VIDEO WALLPLATE - NEOTECH

Designer wallplate series with a dress cover for clean and easy pre-installation and retro fit custom installs

- Various connection options are ideal for custom home theatre setups
- Component Video x 3 RCA
- Video RCA Coax "F" Socket ■ S-Video
- Socket to socket through plate gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP106	39893083

COMPONENT/ COMPOSITE/ F/ IR WALLPLATE - NEOTECH

Designer wallplate series with a dress cover for clean and easy pre-installation and retro fit custom installs.

- Various connection options are ideal for home theatre ■ Component Video 3 x RCA
- Video RCA Coax "F" plus 3.5mm Stereo IR
- Socket to socket through plate gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP107	39893084

RGB/ S-VIDEO/ VGA / COMPOSITE WALLPLATE - NEOTECH

- Various connection options are ideal for home theatre ■ Component Video 3 x RCA
- Video RCA S-Video ■ 15 pin VGA
- Socket to socket through plate gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

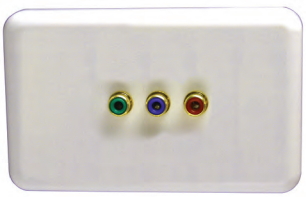
NWP108	39893085

COMPONENT & F TYPE WALLPLATE - NEOTECH

- Various connection options are ideal for custom home theatre setups
- 3 x RCA Component Video
- F-Type Connector
- Socket to socket through plate gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP133A	39893090

RGB/ COMPONENT RCA WALL PLATE - NEOTECH



- Various connection options are ideal for custom home theatre setups
- Component Video x 3 RCA
- Socket to socket through gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP130	39893088

AV COMPOSITE & S-VIDEO WALL PLATE - NEOTECH

Various connection options are ideal for custom home theatre setups

- 3 x RCA Video & Audio L & R ■ 1 x S-Video
- Socket to socket through gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP141	39893095

COMPONENT RGB & S-VIDEO WALL PLATE - NEOTECH

Various connection options are ideal for custom home theatre setups.

- RGB/ Component x 3 RCA x S-Video
- Socket to socket through plate gold plated fittings
- Dimensions: 70 (W) x 110 (H) mm

NWP143	39893099

HDMI WALL PLATE - KORDZ

- Includes decorator face plate and mounting screws
- 24K gold plated socket to socket fittings
- Ideal for high end custom AV custom installs
- Dimensions: 70(W) x 110 (H) mm

KP-1000	39893300

VIDEO COMPONENT HDMI WALL PLATE - KORDZ

- HDMI joiner + Component Video, S-Video & Composite Video all conveniently mounted on a unique and discrete plate style
- 24k Gold plated HDMI certified 1.3a compliant connectors + 24k gold plated RCA & S-Video connectors/joiners
- Depth only 8mm from finished wall

HDMISCWP	39893302

4 WAY HDMI WALL PLATE - KORDZ

- HDMI x4 for wall plate termination of 4-way HDMI distribution system 24k Gold plated HDMI certified 1.3a compliant connectors for uncompromised performance
- Available only in HDMI rear cable/dongle version for essential in-wall flexibility
- Depth only 8mm from finished wall

HDMI4WP	39893305

HDMI WALL PLATES

- Easily route HDMI connections in your home, office or other network location
- Modular HDMI female to female socket
- Parts supplied: 2x mounting bolts, 2x short screws

PRO1181	39893315	1x HDMI input
PRO1182	39893317	2x HDMI input

VGA + PC AUDIO WALL PLATE

- VGA Wall plate with 3.5mm Stereo socket
- Plug Connection Type VGA Plates are designed for use with pre made VGA cables, reducing on-site installation time
- Wallplate fitted with: HD9 female VGA connector (on the front and rear of wall plate) & 3.5mm audio (on the front and rear of wall plate

P6849	39893307

PRO2 AV WALL PLATES

Whole new range of high quality standard wall plates, ideal for distributing audio and video signals around the home or office.

All wall plates feature:

- Includes mounting hardware
- Easy D.I.Y. installation

COMPOSITE AV WALL PLATE - PRO2

- 3-Terminal Audio/ Video Wall Plate
- 3 x RCA connections: Yellow - video, Red/ White - stereo audio

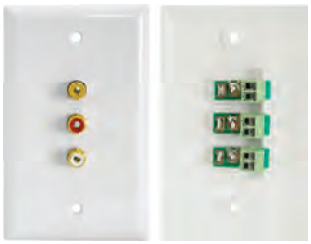
PRO1039	39893319

COMPOSITE AV WALL PLATE WITH REMOVABLE FACEPLATE - PRO2

- 3x Terminal Audio/ Video Wall Plate
- 3x gold plated RCA connections: Yellow - video Red/ White - stereo audio

PRO1121	39893321

COMPOSITE AV SCREW CONNECTOR WALL PLATE - PRO2



- 3x Terminal Audio/ Video Wall Plate
- Terminal rear connections: 3x gold plated RCA connections, Yellow-video, Red/ White-stereo audio
- Mounting hardware supplied

PRO1028	39893323

COMPOSITE AV OVER CAT5 WALL PLATE - PRO2

Provides audio and video over long distances utilizing economical CAT5E or higher UTP cable.

- Colour-coded IDC contacts
- Video: 1x composite video RCA input
- Audio: 2x RCA inputs for left and right stereo audio
- UTP: 110-type rear punchdown
- Distance: Category 5e UTP cable up to 100 meters

PRO1177	39893331

COMPOSITE AV OVER CAT5 WITH IR KIT - PRO2

Send composite AV signals over long distances using economical CAT5 cable.

- Video: 1x RCA jack
- Audio: 2x RCA jacks for Left and Right Audio
- UTP: 110-type rear punchdown
- Impedance:
  Video: 100 ohm Unbalanced
  Audio: 600 ohm Unbalanced
- Distance: Audio/Colour Video: Category 5e UTP cable up to 100 meters

Infrared Component:

- Receive Frequency: 34kHz to 40kHz
- Transmit Frequency: 38kHz
- Range: On Axis – 50ft/ 30° Off Axis – 40ft

Kit includes:

- PRO1177T Composite AV Transmitter
- PRO1177R Composite AV Receiver
- PRO1178 IR receiver
- PRO1142 Dual IR emitter
- Power: 12VDC 200mA

PRO1199	39894067

S-VIDEO/ STEREO AUDIO OVER CAT5 - PRO2

NEW

- Colour-coded IDC contacts
- Video: 1x S-Video female connector
- Audio: 2x RCA inputs for left and right stereo audio
- UTP: 110-type rear punchdown
- Video: 100Ω unbalanced/ Audio: 600Ω unbalanced
- Bandwidth: Video: DC~12MHz/ Audio: 50Hz~15 KHz
- Distance: Category 5e UTP cable up to 100 meters

PRO1176 **39893329**

COMPONENT STEREO AUDIO WALL PLATE - PRO2

NEW

RCA connectors [front and rear]

- YPb(Cb)Pr(Cr)/ RGB connections (Green/ Blue/ Red)
- Stereo Audio connections (Red/ White)
- Mounting hardware supplied

PRO1117 **39893325**

COMPONENT OVER CAT5 WITH IR KIT - PRO2

NEW

Send component signals over long distances using economical CAT5 cable and control your AV devices remotely.

- 3x RCA (Y/Pb/Pr) female connectors
- UTP: 110-type rear punchdown
- Impedance: 100 ohm unbalanced
- Bandwidth: Video: DC~60 MHz
- Distance: Over Category 5e/6 UTP cable:
  480p video, up to 100 meters
  720p video, up to 75 meters
  1080i video, up to 50 meters

Infrared Component:

- Receive Frequency: 34kHz to 40kHz
- Transmit Frequency: 38kHz
- Range: On Axis – 50ft 30° Off Axis – 40ft

Kit includes:

- Component Video Transmitter and Receiver
- PRO1178 IR receiver ■ PRO1142 Dual IR emitter
- Power: 12VDC 200mA

PRO1200 **39894072**

INFRA-RED RECEIVER WALL PLATE

NEW

Receives IR signals and relays to the audio/video equipment from another room.

- Dual colour LED. Green for system status and blue for talk back
- Ultra thin design. Mounts easily in any J-box or P-ring
- Receive Frequency Range: 34 kHz to 40 kHz
- See page B-25 for PRO1161 for IR receiver with wall plate

PRO1140 **37168738**

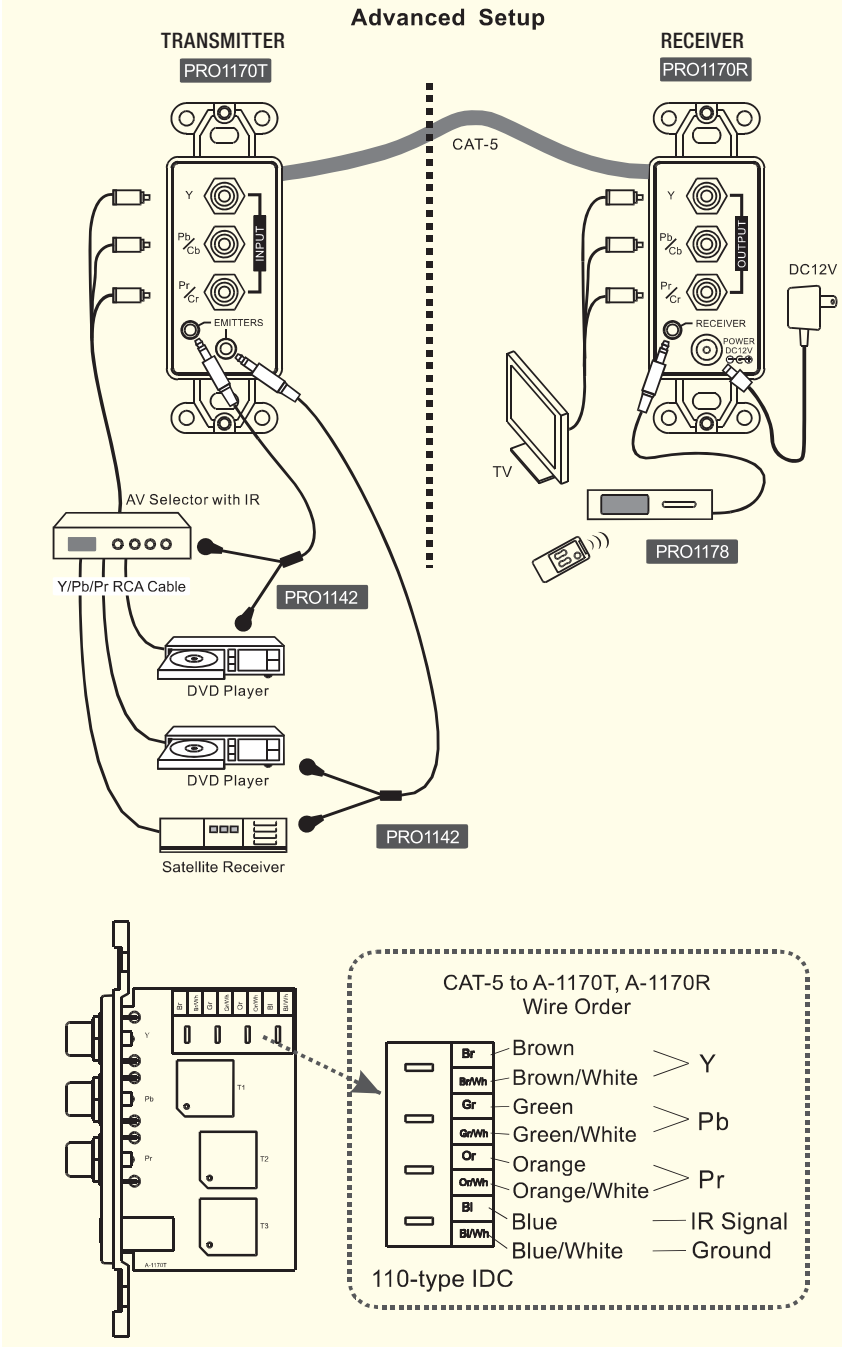
BLANK WALL PLATE TO SUIT PRO2 AV WALL PLATES

NEW

- Standard size blank wall plate
- Parts supplied: 2x short screws

PRO1024 **39893327**

PRO1200 COMPONENT VIDEO OVER CAT5 DIAGRAM



See the Radio Parts web site for more set up diagrams and more information on our range of AV wall plates

SPEAKER ACCESSORIES

GRILLES

METAL SPEAKER GRILLS

Heavy duty punched metal grille with rubber edge ring
- Mounting hardware: 4 clamps and screws Included

		Diameter
MG8	39531108	8 Inch
MG10	39531110	10 Inch
MG12	39531112	12 Inch

SPEAKER GRILLE CLOTH

- Acoustically transparent stretch jersey grille cloth
- Plain finish with no pattern to distort
- 2 dimensional flex means no warps or ripples
- Width: 1520mm
- Colour: Black or Dark Grey

297CLB	39897201	●
297GR	39897203	●

SPEAKER GRILL CLIPS SET OF 4

- Set of 4 'Press fit' clips
- Firmly holds grille frame to speaker enclosure
- Will not vibrate or come loose even when subjected to high volume music

SC4	39897999

4" SPEAKER GRILLE - WHITE

- A compact white grille to suit 4" P.A. Speakers
- Caps supplied to conceal screw heads
- Overall Diameter: 130mm

SG4	39898001

4" SLIMLINE SPEAKER GRILL - WHITE

- Super slim white grille to suit 4" P.A. speakers
- For PA & background music systems, speaker posts included, speaker recesses into grille body
- Caps supplied to conceal screw heads
- Overall Diameter: 155mm

SG4S	39898004

8" SPEAKER GRILLE

- Round speaker grille to suit standard 8" PA speakers
- Diffuser vents are designed to spread sound evenly
- Overall Diameter: 255mm

APCD8	39898017

8" SLIMLINE SPEAKER GRILLE

- A White elegant unobtrusive ultra slim grille to suit standard 8" PA speakers
- Cover caps to conceal fixing screws, loudspeaker recesses into grille body
- Locator posts provided for speed clip fastening

C0805	39898019

CROSSOVERS

Heavy duty crossovers with coils and capacitors on P.C.boards with extra thick tracks to avoid overheating

2WAY 50W RMS CROSSOVER

- Solder/Quick lug Connections
- Max Power: 60W ■ Crossover Points: 2.0KHz
- dB Per Octave: 12dB/ 8

NT202	39924025	2 Way

3WAY 65W RMS CROSSOVER

- Solder/Quick lug Connections
- Max Power: 150W
- Crossover Points: 650/ 5.0 KHz
- dB Per Octave: 12dB/ 8

NT302	39924049	3 Way

ACCESSORY

TONTINE ACOUSTIC WADDING

50mm thick (200gm Bonded SQW.) polyester fibre will not break down due to vibration, ideal for lining speaker enclosures

TAW1	39897517	1 meter
TAW25	39897518	25 meters

STANDS & BRACKETS

SPEAKER MOUNTS

1.5KG MINI SPEAKER BRACKET - VOGELS

Attractive loud speaker ceiling or wall brackets for small speakers
- Max capacity: 1.5 kg / 3.3 lbs
- Swivel 180° left - right/ Swivel 90° up/down

VLB1025	43140040	Pair

1.5KG CENTRE SPEAKER SUPPORT - VOGELS

- Suitable for ceilings (or under cabinets) and sloping walls, and features a tilt and turn function
- Turn: 180° | Tilt: 90°
- Number of pivot points: 2 ■ Max. capacity: 1.5 kg

VLB1015S	43140105	Pair

5KG WALL MOUNTS - VOGELS

Plastic bracket for wall mounting small and for satellite wall in surround sound systems
- 180 horiz. adjustment, 15 up, 20 down
- Up to 5 kg ■ Sold as a pair

VLB50B	43140035	●
VLB50S	43140030	●

5KG SMALL SPEAKER MOUNT - VOGEL'S

- Wall brackets for up to 5kg
- Ideal for smaller for surround systems or discrete positioning of outdoor
- Universal ball type joint allows 180 horizontal, 30 vertical adjustment

VLB450	43140015	Pair

7.5KG SPEAKER BRACKET - DOSS

- Crafted in glass-reinforced nylon material
- Multi-directional angles
- Saves valuable floor space
- Designed for wall mounting small speakers
- Colour: Black ■ Max. Carry: 7.5Kg
- Complete pair (2) with mounting hardware

SMB66	43140020	Pair

12KG SWIVEL SPEAKER BRACKET

- Accommodates up to 12kg payload
- Unique design allows up to 50° angle variation
- Allen head bolts to deter theft
- Installs in just minutes ■ Quick release safety tab
- Provision for optional security locking screw

H8042	43140010	Pair

15KG SPEAKER WALL MOUNTS - DOSS

Ideal speaker brackets for bookshelf speakers.

- Horizontal tilt: 270° ■ Vertical tilt: 15°
- Max. weight capacity: 15kg
- Supplied in pairs

SPKB1	43136120	Pair

25KG SPEAKER WALL MOUNTS - DOSS

Ideal speaker brackets for bookshelf speakers.

- Horizontal tilt: 180° ■ Vertical tilt: 90°
- Max. weight capacity: 25kg
- Supplied in pairs

SPKB2	43136115	Pair

18KG SPEAKER WALL BRACKET

- Small all metal speaker wall brackets with up to 26 degree tilt and 180 degree swivel
- Load capacity up to 18kgs (40lbs)
- Dimensions: 150 x 100x 190mm (WHD)

SP013A	43140060	Pair

18KG SPEAKER WALL BRACKET

- Small all metal speaker wall brackets with up to 26 degree tilt and 180 degree swivel
- Load capacity up to 18kgs (40lbs)
- Dimensions: 100 x 150 x 100mm (WHD)

SP021	43140065	Pair

20KG SPEAKER BRACKET - VOGEL'S

- Supplied as a pair for Bookshelf Loudspeakers
- Turn: 90 ° ■ Tilt: 15 ° ■ Number of pivot points: 1
- Max. weight - Loudspeakers: 20 kg (44.20 lbs)
- Max Loudspeaker Height: 50 cm (20")

VLB 200	43140005	Pair

25KG SPEAKER WALL MOUNT

- Patented resonance free loudspeaker wall bracket, for better sound ■ Rotatable and tiltable
- Suitable for up to 25Kg
- 90 horizontal, 42 vertical adjust

VLB100	43140025	Pair

SPEAKER STANDS

STAND TO SUIT M1 SERIES - B&W

- Cable enters via the stand (or table plinth or wall bracket) and the electrical signal is conducted to the speaker through the metal 'arm' that supports it
- The arm itself forms the negative conductor, and a single, insulated wire running inside it provides the positive one
- 957 mm height ■ Supplied in pairs
- Circular base ■ Net Weight: 5.8 kg

Speaker not included

M1-STAND	39810858	Pair

SPEAKER STAND - WINTAL

- Ideal for small speakers
- Adjustable Height: 570 mm / 1000 mm
- Lightweight

DSP-150	43140075	Pair

ADJUSTABLE HEIGHT FLOOR STANDS - WINTAL

- Diecast tri-base speaker floor stand, suitable for most stand mountable speakers
- Height adjustable: 90~1150mm
- Base: 350 x 350mm
- Speaker clamp adjusts from 110mm to 200mmwide
- Black or silver finish
- Supplied in Pair

DSP002B	43140050	●
DSP002S	43140055	●

FLOOR STAND SPEAKER BRACKET - VOGELS

- Spiked feet for better
- acoustic performance
- Rubber feet are included for delicate floors)
- Integrated Cable Inlay System
- Maximum weight of Loudspeakers: 25 kg
- Depth: 289 mm, Width: 298 mm, Height: 600 mm
- Min & Max dis. from floor: 600mm

Speaker not included

VLS60	43140095	Pair

SPEAKER FLOOR STAND - WINTAL

Folding aluminium speaker floor stand

Ideal for PA applications

- Height adjustable
- Load capacity: 50kgs
- Base: 980mm
- Max height: 1960mm
- Top plate 195 x 111mm
- Black finish

SP030B	43140070	Each

AV EQUIPMENT RACKS

AUDIO VIDEO STAND - 3 GLASS SHELVES - WINTAL

- Robust 3 Shelf Rack designed to support large TVs and Home theatre equipment
- 3 tinted heavy duty 7mm glass shelves and silver finished metal frame
- Easy to assemble, no tools required
- Dimensions: 600 x 1130 x 600 mm (HWD)

TVR1G-3SGL	04695111	

AUDIO VIDEO STAND - 4 GLASS SHELVES - WINTAL

- 4 Glass shelf rack
- Robust and stable equipment rack Designed to support medium TVs and home theatre equipment
- Silver finished frame
- Tinted heavy 7mm glass shelves
- Dimensions: 770 x 700 x 590 mm (HWD)
- Supplied in easy to assemble flat pack, no tools required for assembly
- Dimensions: 770 (H) x 700 (W) x 590 (D) mm

TVR1G-4SGL	04695117

TV STAND - 5 GLASS SHELVES - WINTAL

- Ultra modern design with, shelves supported by a central pole that hides all the cables
- 5 Shelf Glass Rack with Cable Tube
- Cable tube to hide all the cable mess
- Dimensions: 960 (H) x 450 (W) x 400 (D) mm

AVS5G	04699987

TV STAND - 4 SHELVES - WINTAL

- Silver finished sturdy cabinet
- Wood top and Base with chrome metal supports
- 2 Glass Shelves - 2 Wooden Shelves
- Modern design
- Dimensions: 700 (H) x 810 (W) x 500 (D) mm

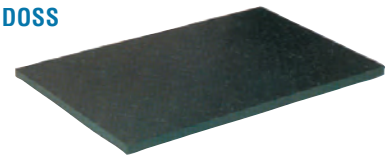
AVS2G	04699990

SILVER GREY TV CABINET - WINTAL

- Attractive television cabinet with deluxe finish
- Suits 68 to 80cm TVs
- Curved glass doors with magnetic catches
- Rotatable top for easily positioning of big televisions
- Grey metallic finish
- Flat pack for safe transport, easy to assemble
- Size (HWD): 570 x 780 x 560 mm

806SG	04695135

WOOD SWIVEL STAND - DOSS



- Slimline rotating plate, with black finish
- Max. Load: 25kgs (55 lbs)
- 360 degrees swivel ■ WHD: 480 x 24 x 300mm

TTV032	43130100

CRT WALL MOUNTS

20KG TV CEILING BRACKET - VOGELS

Stylish ceiling mount with swivel and tilt, suitable for 350mm wide TV or Monitor

- Cable concealed in cable guide
- 180° swivel, and 15° tilt
- For TV sets up to 44bs (20kg)
- Size: (HWD) 565 x 450 x 350 mm

TVB030B	43130005

20KG TV WALL BRACKET - VOGELS

Stylish wall mount, Suitable for TVs up to 20Kg

- 180° Rotation and 15° Tilt
- Safety Strap, Heavy duty wall plugs and hardware supplied plus full installation instructions
- Available in Silver or Black finish
- Overall Size (HWD): 285 x 350 x 455mm

TVB120B	43130010	●
TVB120S	43130020	●

20KG TV WALL BRACKET - VOGELS

- 33-48cm /13-19
- Maximum Weight 20Kg / 44 lbs

TVB220B	43130035	●

25KG TV CEILING BRACKET - VOGELS

Ceiling mounting bracket suitable for 300~ 450mm wide TV or Monitor

- Mounting pole extends 500mm to 840mm from ceiling ■ Cable concealed in cable guide
- 360 degree swivel, and 30 degree tilt
- For TV sets up to 55bs (25kg)
- Size: (HWD) 1350 x 450 x 225 mm

TVB540B	43130055	●

30KG TV WALL BRACKET - VOGELS

- Maximum Weight 30 kg / 66 lbs
- Screen Size 43 - 55 cm / 16 - 21"
- Attractive silver slim-line wall mounted support for 19 - 22" TVs
- Single pivot arm with 180 degree swivel rotation and 5- 10 or 15 degree adjustable vertical lift
- Safety belt included ■ Available in black or silver

TVB150B	43130025	●
TVB150S	43130030	●

30KG TV WALL BRACKET - DOSS

- Suitable for 14" TVs/Monitors
- Max. load: 30kgs (66lbs)
- WHD: 300 x 163 x 480mm
- Black finish

TTV006B	43130085	●

30KG WALL BRACKET - DOSS

- Max. Load: 30 kgs (66 lbs)
- Suitable for 14" TVs / Monitor
- Accepts VH001 VCR / DVD Bracket
- WHD: 300 x 300 x 510mm - Black finish

TTV012B	43130090	●

40KG TV WALL BRACKET - VOGELS

- Suitable for wood stud mounting
- 180° swivel, 15° tilt
- For medium TV sets up to 88lbs (40kg)
- Overall size: 240 x 500 x 577 mm (HWD)

TVB244B	43130040	●

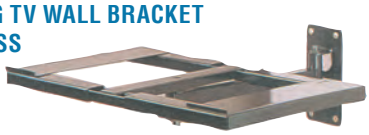
60KG TV CEILING BRACKET - VOGELS

Ceiling mounting bracket suitable for 520 - 840mm wide TV or Monitor

- Mounting pole extends 100mm to 850mm from ceiling ■ Cable concealed in cable guide
- 360 degree swivel, and 30 degree tilt
- For TV sets up to 55lbs (60kg)
- Size: (HWD) 1480 x 780 x 340 mm

TVB700B	43130060	●
TVB700S	43130065	●

60KG TV WALL BRACKET - DOSS



- Suitable for 51 to 68cm TVs / Monitors
- Accepts VH001 VCR / DVD Bracket
- With 200° swivel and 10° tilt
- 540mm wide, expandable to 800 w x 200 x 345mm

TTV024	43130095	●

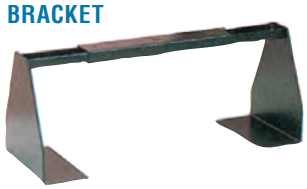
EQUIPMENT BRACKET - VOGELS

Accessory bracket allows VCR/ PVR etc. to be supported below TV set

- Suitable for use with Vogel's TV brackets
- Solid Construction ■ Space Saving Design
- Mounting Dimensions: 130 (H) x 276 Min./ 364 Max. (W) x 290 (D) m
- Bracket Dimensions: 168 (H) x 467 (W) x 40 (D) mm

VRS045B	43130080	●

DVD/ VCR BRACKET - DOSS



- Max. Load: 10kgs (22 lbs) ■ Fits DOSS TV brackets

VH001B	43130105

PLASMA & LCD MOUNTS

DOSS FLAT PANEL WALL MOUNTS

DOSS®

VESA

VESA standard
All DOSS brackets come as VESA standard mounts. This ensures that your VESA standard flat panel TV (LCD or PLASMA) is guaranteed to be the perfect fit.

All VESA standard flat panel TVs can be easily attached to any of our brackets covering the entire range of mounting options, including desktop and wall mounts.

The VESA standard that applies to mounting interfaces is called **The Flat Display Mounting Interface Standard** (FDMI), also known as VESA Mounting Interface Standard (MIS) or colloquially as VESA mount.
This is a family of standards defined by the Video Electronics Standards Association for mounting flat panel monitors, TVs, and other displays to stands or wall mounts. It is implemented on most modern flat-panel monitors and TVs.

The Vesa standard screw locations are as follows:

MIS-D 75	75 mm x 75 mm
MIS-D 100	100 mm x 100 mm
MIS-E	200 mm x 100 mm
MIS-F	200 mm x 200 mm
	400 mm x 400 mm
	600 mm x 200 mm
	600 mm x 400 mm
	800 mm x 400 mm
	280 mm x 150 mm

20KG LCD BRACKET - DOSS

- Supports panels up to 19"
- Vesa standard mounting: 50 x 50, 75 x 75, 100 x 100 mm
- Material: Aluminium-alloy

LCD01A	43130151

20KG LCD BRACKET - DOSS

- Supports panels up to 19"
- Vesa standard mounting: 50 x 50, 75 x 75, 100 x 100 mm
- Material: Aluminium-alloy

LCD02A	43130156

20KG LCD BRACKET - DOSS

- Supports panels up to 19"
- Vesa standard mounting: 100mm x 100mm
- 130° Horizontal Swivel ■ 160° Vertical Swivel
- Dimensions: Wall Plate W 110 mm x H 81mm
- Front Plate: W 114 mm x H 114 mm
- Clearance: 138 mm

LCD03	43130160

20KG SMALL LCD DESK MOUNT - DOSS

- Colour: Silver
- Fits most flat screen LCD TVs
- Suits panels up to 19"
- Vesa standard mounting: 100mm x 100mm
- Max loading weight: 20 kg

LCDDM1	43136095

35 KG LCD PLASMA BRACKET - DOSS

- Supports panels up to 19"
- Vesa standard mounting: 100mm x 100mm
- 5° Vertical Swivel
- Dimensions: Wall Plate 60 mm x 84mm Front Plate: 114mm x 114mm
- Clearance: 40 mm

LCD06	43130170

35KG MEDIUM LCD BRACKET - DOSS

- Medium 15" to 32" LCD panels
- Wallboard dimension: 265mm
- Vesa standard mounting: 228mm x 280mm

LCD06A 43136060

50KG LCD PLASMA BRACKET - DOSS

- Medium 26" to 37" flat panels ■ 15° Tilt range
- Vesa standard mounting: 445mm x 360mm
- Locking system ■ Sliding lateral on-wall adjustment
- Integrated bubble level for fast accurate mounting

LCD05 43136055

50KG MEDIUM LCD BRACKET - DOSS

- Suits panels up to 37" ■ Vertical tilt: 15°
- Vesa standard mounting: 470mm x 325mm

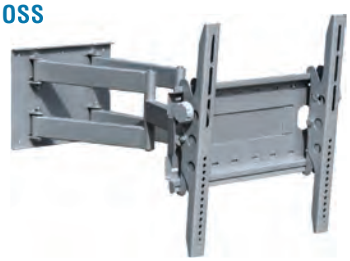
LCD05A 43136100

70KG LCD/ PLASMA BRACKET - DOSS

- Suits up to 50" flat panels
- Vesa standard mounting: 385 x 365mm
- Locking system ■ Sliding lateral on-wall adjustment
- Integrated bubble level for fast accurate mounting
- Net Weight (Bracket) 12.5Kg

LCD07 43136065

70KG LCD PLASMA BRACKET - DOSS



- Tilt + Turn + Reach to get the perfect viewing angle
- Suits up to 50" flat panels ■ Aluminium-Alloy
- Vesa standard mounting: 425 x 280mm

LCD08 43136070

60KG LCD PLASMA BRACKET - DOSS

- Suits panels up to 42"
- Vesa standard mounting: 470mm x 455mm

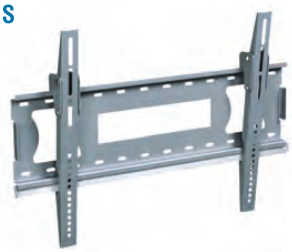
LCD09A 43136105

75KG LCD BRACKET - DOSS

- Supports panels up to 50"
- Vesa standard mounting: 880mm x 480mm

LCDP04 43130165

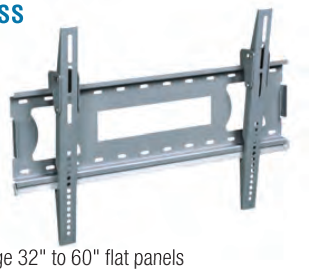
75KG LCD PLASMA BRACKET - DOSS



- 32" to 60" flat panels
- Vesa standard mounting: 420 x 455mm
- Wallboard dimension: 480mm
- Net Weight (Bracket) 16Kg

LCD09 43136075

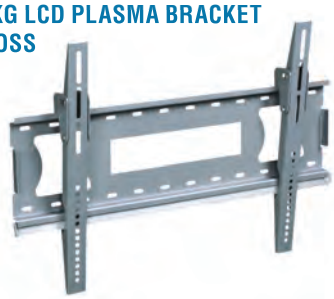
75KG LCD PLASMA BRACKET - DOSS



- Large 32" to 60" flat panels
- Vesa standard mounting: 660 x 455mm
- Wallboard dimension: 720mm
- Net Weight (Bracket) 16Kg

LCDP10 43136080

75KG LCD PLASMA BRACKET - DOSS



- Large 32" to 60" flat panels
- Vesa standard mounting: 805 x 455mm
- Wallboard dimension: 855mm
- Net Weight (Bracket) 16Kg

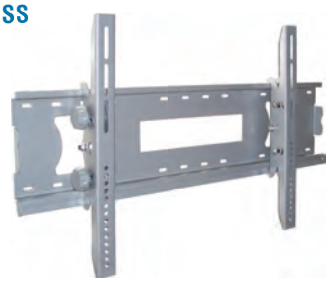
LCDP11 43136085

75KG LCD PLASMA BRACKET - DOSS

- Suits panels up to 60"
- Vesa standard mounting: 660mm x 455mm

LCDP12 43136130

75KG LARGE LCD PLASMA BRACKET - DOSS



- Suits panels up to 60"
- Vesa standard mounting: 805mm x 455mm

LCDP13 43136135

VOGEL'S FLAT PANEL WALL MOUNTS

Vogel's provides the smartest solutions for mounting TV, loudspeaker and video equipment. Today, the unsurpassed design and quality of the Vogel's products and their unrelenting product innovation are the cornerstones of Vogel's excellent reputation.

32KG LCD WALL SUPPORT - VOGELS

- Min. size: LCD/Plasma 23" (58.52 cm, 585.24 mm)
- Max. size: LCD/Plasma 32" (81.42 cm, 814.25 mm)
- Main Colour - Silver/Aluminium
- Interface height: LCD/Plasma 114 mm (4.48 ")
- Interface width: LCD/Plasma 214 mm (8.41 ")
- Turn: 180 ° ■ Tilt: 20 °
- Min. distance to the wall: 109 mm (4.28 ")
- Max. distance to the wall: 536 mm (21.06 ")
- Number of pivot points: 3
- Max. weight: LCD/Plasma: 32 kg (70.72 lbs)

VFW432 **43130190**

15KG LCD BRACKET - VOGELS

- Maximum Weight (kg/lbs): 15 / 33
- Swivel: 180°, Tilt Up: 10°, Tilt Forward: 1°
- Maximum Arm Length: 240mm
- Minimum Arm Length: 70 mm
- Backplate Width: 44mm, Height: 195mm
- Mounting Components: Turn/tilt wall support
- Weight: 1.2 kg
- Recommended TV Set Size: 10" - 26"

VFW326 **43130130**

32KG LCD WALL SUPPORT - VOGELS

- Tilt and turn functions guarantee optimal viewing position ■ Two pivot points
- Min. size: LCD/Plasma 23 " (58.52 cm, 585.24mm)
- Max. size: LCD/Plasma 32 " (81.42 cm, 814.25mm)
- Main Colour Silver/Aluminium
- Interface height: LCD / Plasma 114 mm (4.48 ")
- Interface width: LCD / Plasma 214 mm (8.41 ")
- Turn 180 ° ■ Tilt 20 °
- Min. distance to the wall 109 mm (4.28 ")
- Max. distance to the wall 334 mm (13.13 ")
- Max. weight: LCD / Plasma 32 kg (70.72 lbs)

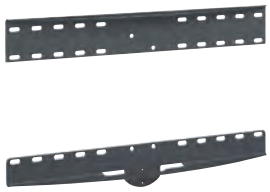
VFW332 **43136027**

55KG BRACKET TO SUIT 50" PANELS - VOGELS

- Main Colour - Silver/Anthracite.
- Turn - 120 ° ■ Tilt - 30 °
- Min. distance to the wall - 108 mm (4.24 ")
- Max. distance to the wall - 610 mm (23.97 ")
- Number of pivot points - 1
- SMM™ (Smart Movement Mechanism)
- CIS® - Yes. ■ SPS™ (Screen Protection System)
- Max. weight - LCD / Plasma 55 kg (121.55 lbs)

EFW6445 **43130322**

DOUBLE STUD ADAPTOR TO SUIT 6000 SERIES - VOGELS



- Wall mounting component - for use on LCD/ Plasma
- Suitable for models EFW 6205, EFW 6225, EFW 6245, EFW 6305, EFW 6325 & EFW 6345
- Weighs 3.9kg

EFA6895 **43130324**

12KG LCD WALL SUPPORT 14-22" - VOGELS

- Evolution Series fixed wall support for LCD screens from 14" - 22"
- Maximum TV size: 22"
- Supports screens from 1kg up to 12kg weight
- Interface: 114 (H) x 114 (W) mm
- Minimum distance to wall 43 mm, maximum distance to wall 43 mm
- Silver/anthracite colour
- Weighs 0.8kg

EFW6105 **43130325**

12KG LCD WALL SUPPORT 14-22" - VOGELS

- Evolution Series 1 pivot adjustable wall support for LCD screens up to 22" size
- 1 pivot point for optimal viewing
- 30° Tilt and 40° turn options
- Maximum TV size 22"
- Supports screens from 3kg up to 12kg weight
- Interface: 114 (H) x 114 (W) mm
- Min. distance to wall 68 mm, max. distance 118 mm
- Silver/anthracite colour
- Weighs 2.2kg

EFW6125 **43130330**

25KG LCD WALL SUPPORT 23-32" - VOGELS

- Evolution Series fixed wall support for LCD screens from 23" - 32"
- Fixed wall bracket
- Supports screens from 5kg up to 25kg weight
- Interface: 114 (H) x 214 (W) mm
- Minimum distance to wall 59 mm, maximum distance to wall 59 mm
- Anthracite colour
- Weighs 2.6kg

EFW6205 **43130340**

25KG LCD WALL SUPPORT 23-32" - VOGELS

- Evolution Series 1 pivot adjustable wall support for LCD screens up to 32" size
- 1 pivot point
- 30° Tilt and 40° turn
- Accepts min. screen size 23", max. size 32"
- Supports screens from 5kg up to 25kg weight
- Interface: 114 (H) x 214 (W) mm
- Min. distance to wall 94 mm, max. distance 160 mm
- Silver/anthracite colour
- Weighs 4.2kg

EFW6225 **43130345**

25KG LCD WALL SUPPORT 23-32" - VOGELS

- Evolution Series 1 pivot optimally adjustable wall support for LCD screens up to 32" size
- 1 pivot point for optimal viewing
- 30° Tilt and 120° turn options
- Accepts min. screen size 23", max. size 32"
- Supports screens from 5kg up to 25kg weight
- Interface: 114 (H) x 214 (W) mm
- Min. distance to wall 94 mm, max. distance 461 mm
- Silver/anthracite colour ■ Weighs 6.6kg

EFW6245 **43130350**

75KG LCD WALL SUPPORT 31-65" - VOGELS

- Evolution Series fixed wall support for LCD and Plasma screens from 31" - 65"
- Fixed wall bracket
- Accepts min. screen size 31", max. size 65"
- Supports screens up to 70kg weight
- Interface: 477 (H) x 717 (W) mm
- Min. distance to wall 59 mm, max. distance to wall 59 mm
- Silver/anthracite colour
- Weighs 5.6kg

EFW6305 **43130355**

45KG LCD WALL SUPPORT 31-42" - VOGELS

- Evolution Series 1 pivot adjustable wall support for LCD and Plasma screens up to 42" size
- 1 pivot point for optimal viewing
- 30° Tilt and 40° turn options
- Accepts min. screen size 31", maximum size 42"
- Supports screens from 15kg up to 45kg weight
- Interface height 477 mm, width 717 mm
- Min. distance to wall 98 mm, max. distance 213 mm
- Silver/anthracite colour ■ Weighs 8kg

EFW6325 **43130235**

45KG LCD WALL SUPPORT 31-42" - VOGELS

- Evolution Series 1 pivot optimally adjustable wall support for LCD and Plasma screens up to 42" size
- 1 pivot point for optimal viewing
- 30° Tilt and 120° turn options
- Accepts min. screen size 31", maximum size 42"
- Supports screens from 15kg up to 45kg weight
- Interface height 477 mm, width 717 mm
- Min. distance to wall 98 mm, max. distance 600 mm
- Silver/anthracite colour ■ Weighs 12.5kg

EFW6345 **43130255**

COLUMN SYSTEM - VOGELS

The column system is the easy way to hide and guide cables at any height. Combine the Vogel's column system with our audio/DVD support to store your audio and video equipment in one single, sleek-looking solution.

These columns are designed to compliment the excellent 6000 range of Vogels wall mounts but can be used on there own or with the 6825 shelf to create sleek looking equipment shelving.

EFA6830	**43130245**	**23cm**
EFA6835	**43130250**	**63cm**
EFA6840	**43130254**	**93cm**

AUDIO/DVD SUPPORT VOGELS

- Used in combination with EFA 6835 Column system
- Matching accessories add the finishing touch to your entertainment centre
- Support can be positioned at any height on the column, and can be adjusted to fit all sizes of A/V equipment
- Max weight each shelf will take: 10KG

EFA6825 **43130240**

OMNI-MOUNT FLAT PANEL WALL MOUNTS

27"-32" FIXED WALL BRACKET - OMNIMOUNT

- Universal mounting rails with tilt
- Sliding lateral on-wall adjustment
- Chrome plated support rods allow for easy horizontal adjustment
- Integrated flip lock for the ultimate security
- Includes mounting guide, locking system and complete hardware kit
- Single or double stud wall plate: max 16.8" (427mm) stud separation
- VESA compliant 75 to 200x200
- Profile from wall: 1.64 ■ Available in grey

U2FIX **43130135**

23"-37" TILT MOUNT - OMNIMOUNT

- For 23"- 37" TV's
- Universal mounting rails with tilt
- Sliding lateral on-wall adjustment
- Chrome plated support rods allow for easy horizontal adjustment
- Integrated flip lock for the ultimate security
- Single or double stud wall plate: max 16.8" (427mm) stud separation
- -5° up tilt max ■ +15° down tilt max
- Includes mounting guide, locking system and complete hardware kit
- VESA compliant 75 to 200x200
- Profile from wall: 2.25"

U2TILT **43130215**

32"-54" FIXED WALL MOUNT - OMNIMOUNT

- Large 32"-54" Flat Panel Wall Mount
- Universal design ensures compatibility with most large flat panel displays
- Three simple installation steps allow for a quick and easy installation
- Stylish and durable design to compliment your flat panel display
- Built-in security bar, so your display is safe
- Lift n Lock technology allows easy attachment
- Universal design, so no adapter required

1N1LP **43130115**

32"- 60" FLAT PANEL MOUNT - OMNIMOUNT

- For 32"- 60" TV's
- Universal low profile tilt mount with lift and lock installation
- 175 lbs. max weight
- Tilt (+15° to -5°)
- VESA compliant 75 to 200 x 200
- Mounts to any stud separation up to 28.75"
- Includes mounting guide, and complete mounting hardware kit
- Includes security hardware ■ Silver

54FBTS **43130225**

32"-63" FIXED MOUNT - OMNIMOUNT

- For 32"-63" Tv's ■ Universal mounting rails
- Sliding lateral on-wall adjustment
- Chrome plated support rods allow for easy horizontal adjustment
- Integrated flip lock for the ultimate security
- Double stud wall plate: max 25.5" (648mm) stud separation
- 200 lb. maximum weight capacity
- VESA compliant: 75 to 200x200
- Profile from wall: 2.25" (5.7 cm)

U3FIX **43130220**

VENTURI FLAT PANEL WALL MOUNTS

12KG TILT / TURN LCD MOUNT - VENTURI

- Simple and affordable solutions to mounting your LCD screen 10" - 24"
- Unique Dual Joint Swivel ■ Convenient Tilt Function
- Low-Profile Design ■ Fast, Simple Wall Mounting
- Meets VESA Standards (75x75 & 100x100mm)
- Maximum reach: 70mm ■ Minimum reach: 50mm
- Wall Plate: 170H x 45W mm

VLC-101 **43136040**

12KG TWIN PIVOT LCD BRACKET - VENTURI

- Simple and affordable solutions to mounting your LCD screen 10" - 24" ■ Dual Pivot Points
- Convenient Tilt Function ■ Low-Profile Design
- Fast, Simple Wall Mounting
- Meets VESA Standards: (75x75 & 100x100mm)
- Maximum reach: 235mm ■ Minimum reach: 40mm
- Wall Plate: 170H x 45Wmm

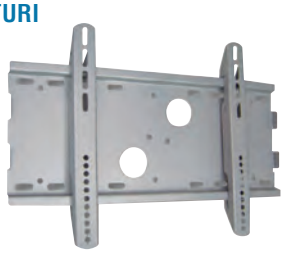
VLC-202 **43136045**

12KG TRIPLE PIVOT LCD BRACKET - VENTURI

- Simple and affordable solutions to mounting your LCD screen 10" - 24" ■ Three Pivot Points
- Convenient Tilt Function ■ Low-Profile Design
- Fast, Simple Wall Mounting
- Meets VESA Standards (75x75 & 100x100mm)
- Fully adjustable and viewable at any angle
- Maximum reach: 355mm ■ Minimum reach: 42mm
- Wall Plate: 170H x 45Wmm

VLC-303 **43136050**

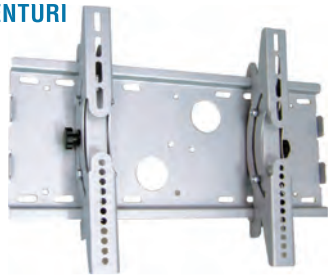
35KG FLAT SCREEN WALL MOUNT - VENTURI



- Easily attaches to most 23" to 40" flat screens
- Tilt Range: 0º or +8º Fixed
- Dimensions: 360(H) x 512(W) x 32(D)mm

VM-F70 **43136035**

35KG FLAT SCREEN WALL MOUNT - VENTURI



- Easily attaches to most 23" to 40" Plasma and LCD screens
- Package includes: Two universal tilting mounting brackets, wall mounting plate, mounting hardware and assembly instructions
- Capacity: 35kg
- Tilt Range: ±15º (Tilt range can be affected by larger screen sizes)
- Dimensions: 360(H) x 512(W) x 75(D)mm

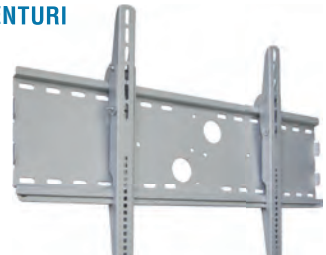
VM-T140 **43136030**

75KG FLAT SCREEN WALL MOUNT - VENTURI

Attaches to most 30" to 63" Plasma and LCD screens
- Screen sizes: 76cm to 160cm ■ Tilt Range: ±15º
- Dimensions: 508(H) x 815(W) x 78(D)mm

VP-T150 **43130125**

75KG FLAT SCREEN WALL MOUNT - VENTURI



- Attaches to most 30" to 63" Plasma & LCD screens
- Capacity: 75kg ■ Screen sizes: 76cm to 160cm
- Tilt Range: 0º or +8º Fixed (Tilt range can be affected by larger screen sizes)
- Dimensions: 508(H) x 815(W) x 35(D)mm

VP-F80 **43130140**

PROJECTOR MOUNTS

15KG PROJECTOR BRACKET - DOSS

- Colour: Silver
- Fits most projector screens
- Max loading weight: 15 kg
- Distance to wall: 220 - 290 mm
- Tilt: 15º

LCDPB1 **43136110**

10KG UNIVERSAL PROJECTOR MOUNT - VOGELS

- Flush Fit (10cm drop from ceiling) - Suits most projectors under 10kg with M3, M4 or M5 screw threads ■ Fixings included
- Net weight 1.3 kg (2.87 lbs)
- Turn 360 ° ■ Tilt 15 ° ■ Number of pivot points 1
- Max. weight - Projector 10 kg (22.10 lbs)
- Min. distance to ceiling 111 mm (4.36 inch)
- Max. distance to ceiling 111 mm (4.36 inch)
- Roll - Projector 15 °

VPC545 **43130070**

10KG PROJECTOR TABLE MOUNT - VOGELS

- Easily position your projector anywhere on a table or shelf ■ Main Colour Silver/Anthracite
- Net weight: 1.61 kg (3.56 lbs)
- Turn: 360 ° ■ Tilt: 20 °
- Max.weight Projector: 10 kg (22.10 lbs)
- Roll: Projector: 20 ° ■ Tilt: Projector: 20 °

EPT6525 **43130195**

10KG CEILING PROJECTOR MOUNT - VOGEL'S

- Easily position your projector and secure it to maintain a stable image while viewing
- Turn: 360 ° ■ Tilt: 20 ° ■ Number of pivot points:1
- Max.weight Projector 10 kg (22.10 lbs)
- Min.distance to ceiling 76 mm (2.99 ")
- Max.distance to ceiling 76 mm (2.99 ")
- Roll: Projector 20 ° ■ Tilt: Projector 20 °

EPC6545 **43130200**

10KG PROJECTOR WALL MOUNT - VOGEL'S

- The flexible horizontal arm lets you position your projector in a number of different ways
- The arm can be reversed so that you can mount your projector facing either straight up or upside down for the best projection at any height
- 20º tilt ■ 360º turn

EPW6565 **43130260**

AV CASSETTES

AUDIO

AUDIO CASSETTES - TDK

- Designed for all general taping applications
- Applications: Budget hi-fi systems, Cassette portables, Car audio systems.
- Mechanism: HP (High Precision)
- Total REC/PLAY time (min) both sides @ normal speed:
- MOL: 315Hz +3.5dB, 10kHz -7.5dB
- Bias Noise: -55.0dB ■ Dynamic Range: 58.5dB

D60	42247016	60 mins	
D60G3	42247020	60 mins	3 pack
D90	42247032	90 mins	
B90	42247034	90 mins	5 pack
D120	42247048	120 mins	

DAT CASSETTE - DIGITAL AUDIO TAPE - TDK

The DAT format is capable of recording information at a greater density than even CD.

- Applications: Pro Digital Audio Recording
- Magnetic particle: Super Finavinx
- Remanence:150(2500) mT(gauss)
- Recording: Pulse code modulation

DAR60	42247930	60 mins
DAR90	42247936	90 mins
DAR120	42247942	120 mins

10 MINUTE CASSETTE - TDK

- IEC I / TYPE I / Normal Position
- Ideally suited for personal computer applications
- Short leader tape to give an immediate record/ playback facility

D10	42334001

MICRO CASSETTES - TDK

- Excellent durability for heavy and repeated use
- Designed for recording telephone answering machines, lectures, dictation and conferences
- For heavy duty business recording applications
- Recording Time: 60 minutes per cassette
- **Pack of 3**

DMC60G3	42396017

VIDEO

MINI DV CASSETTE - TDK

- Specially developed protective DLC (Diamond-Like Carbon) tier above the evaporated magnetic layer
- Uses: Original mastering, Dubbing to other formats, Repeated heavy use
- Remanence: 450 (4500) mT(gauss)
- Squareness ratio: 0.8
- Magnetic Particle: Vacuum deposited pure cobalt
- Coercivity: 120 (1510) kA/m(Oe)
- Total REC/PLAY time (min) SP/LP: 60/90

DVM60ME-5	42659184

MINI DV - PANASONIC

- Ideal for high quality 2 hour recordings in LP Mode
- LINEAR-PLUS Technology
- SP: 80Min ■ LP: 120Min
- HF or professional use ■ Higher magnetic density
- Higher capacity recording ■ Single Pack
- Made In Japan

DVM80	42653780

8MM HI8 TAPE - TDK

ME position tapes are designed to meet the requirements of both amateur and semi professional HI8 camcorder users

- Advanced particle coating technology
- Enhanced resolution and extra richness of colour
- Ideal for mastering and archiving applications
- Applications: Original mastering, Indoor/outdoor, Library building, Digital audio recording

E5-90MEP	42659172

8MM TAPE - FUJI

Fuji's exclusive Hybrid Double Coating gives you crisp, clear images and vivid colours, standard-grade. Cost-performance lets you shoot as much as you like.

P590MP	42652324

HS VHS TAPES - TDK

HS is the favourite formulation selected by most users as the preferred video tape for regular day-to-day taping needs. Its outstanding formulation makes it eminently suited for a wide range of video taping applications, including library and time shifting. However, it s the specially toughened binder and base film that enables HS to withstand the rigorous of repeated use that make HS the comfortable choice or many family uses

- Magnetic particle: Avifine
- Coercivity: 58.1 (730) kA/m(Oe)
- Remanence:135 (1350) mT (gauss)
- Squareness ratio: 0.82

E30HS	42658005	30 Mins	
E60HS	42658006	60 Mins	
E180HS	42658016	180 Mins	
E240HS	42658032	240 Mins	
E300HS	42658042	300 Mins	2 Pack

EXTRA HIGH GRADE VHS TAPES - TDK

E-HG HiFi is the quality camcorder VHS-C tape designed for both indoor and outdoor activities. Its specially developed formulation also makes it ideal for hifi camcorders and for shooting even in low ambient light conditions

- SP/LP recording, Library building, master AV dubbing
- High density ultra-fine Avifine magnetic formulation
- Picture sharpness up 14% & colour richness up 10%
- S/N +4.0dB and chrominance

EC45EHG	42657996	45 Mins	
E180EHG	42658218	180 Mins	2 Pack
E240EHG2PK	42658226	240 Min	2 Pack

VHS-C TAPE - JVC

- High energy magnetite produces a sharp image, ideal for repeated use
- Popular SX is ideal for general camcorder recording up to 45 minutes SP or 90 minutes LP recording
- Power index 20% up
- 45 Minute Cassette

EC45SX	42652900

VHS TAPE - FUJI

- Designed for high performance with Super VHS (S-VHS) systems
- With Fuji's revolutionary Double Coating for enhanced picture, colour & sound performance, clearly surpassing conventional single-layer video tapes
- 4 Hour Cassette

SE240PRO 42652182

AV CLEANERS

CASSETTE DRY HEAD CLEANER - TDK

A non-abrasive, simple to use head cleaner that effectively removes harmful oxide accumulations from cassette deck heads.

- Helps maintain optimum sound quality

HCL11 42736180

MINI DV DRY HEAD CLEANER - TDK

- Simply insert it into a Mini DV camera or recorder unit and press the PLAY button
- Especially well suited for cleaning the heads of Mini DV cameras, which, despite their delicate mechanisms are frequently utilized outdoors.

CLDVMEA 42736177

8MM HEAD CLEANER - TDK

- Restores heads in 10 secs.
- This head cleaner feature a new cleaning tape formulation that safely cleans and restores heads without damage

8CL11 42736172

VHS-C DRY HEAD CLEANER - TDK

- Simple to use Dry VHS-C/SVHS-C Camcorder head cleaner
- For regular head cleaning maintenance
- An advanced non-abrasive cleaning tape that efficiently cleans in seconds

VCL11 42736176

VHS HEAD CLEANING CASETTE - TDK

- New type, cleans AND restores
- Easy-to-use dry type. This head cleaner features TDK's exclusive, newly developed non-abrasive cleaning tape that both cleans and restores your VCR's heads, returning them to their best operating condition

Suitable for use with VHS and S-VHS VCRs

TCL11 42736150

VHS WET TYPE HEAD CLEANER - TDK

- New type head cleaner for VHS and S-VHS VCRs.
- Ensures gentle, thorough cleaning of heads and tape path
- Low drag action prevents jamming

TCW11 42736166

DV/ DVC CAMCORDER CLEANING KIT - PRO2

This handy kit has a range of cleaning equipment for any standard camcorder.

- 1 head cleaning tape ■ A brush
- 1 cleaning cloth ■ A bottle of cleaning fluid
- 1 squeegee card ■ 1 sandpaper stick
- 2 foam swabs ■ 3 protective films

DVCCK 42731682

CAMCORDER CLEANING AND PROTECTIVE KIT - PRO2

- Remove dust particles, dirt and static
- Protective film to protect camera screens
- Squeegee to smooth out your protective film
- Sandpaper stick to clean your memory card, PS2 slot, cellular phone etc.

The cleaner kit contains:

- Brush ■ Cleaning fluid ■ Cleaning cloth
- Squeegee card ■ Foam swabs
- Protective films ■ Sandpaper stick

CPK1 42735511

HEAD CLEANING CHAMOIS WAND

Special chamois tipped cleaning wands, specially designed for safe efficient cleaning of VCR heads, rollers and capstains

- 80mm long x 10mm wide

5161CS 42735495

AUDIO/VIDEO/CD CLEANER KIT

- CD Lens Cleaner with Voice Guide
- Audio Tape Head Cleaner
- Video Tape Head Cleaner (with Solution)
- For use with all Major Sound Entertainment Systems

COM9997 42735500

CAMERA/ CAMCORDER CLEANING KIT - PRO2

The cleaner kit to clean lens and body of camera or camcorder which contains:

- Blower brush ■ Cleaning solution ■ Cleaning cloth
- Tissue paper ■ Cleaning swabs

CCK1 42735509

CD ADAPTORS

CD CAR ADAPTOR

- For connecting Portable CD Player to Car Stereo, to playback CD's
- Put the adaptor unit into the tape section of the car stereo & the 3.5mm stereo plug into the headphone socket of the CD Player

CD1 08874030

CD KIT FOR CAR CASSETTE DECK

Enables you to listen to your CD player on your car radio CD adaptor and universal 800 mA transformer

- Universal adaptor 800 mA
- 6 jacks including those for Sony and Aiwa
- Multi-voltage 1.5 to 12 volts

CDK1 08874032

IPOD ACCESSORIES

GEN3 SKIN BLUE - PRO2

Protection for 3rd generation iPods against dust, knocks, and scratches.

- Material: 2mm Polymer
- Total access to all of the iPods controls

IP6	08900003	

GEN4 SKINS - PRO2

- 2mm thick silicone protects against dust, knocks, and scratches
- Play-through design providing total access to all of the iPods control

IP15	08900009	○ Clear
IP18	08900011	● Green

GEN5 VIDEO SKIN BLUE - PRO2

Protection for 3rd generation iPods against dust, knocks, and scratches.

- Material: 2mm Polymer
- Total access to all of the iPods controls

IP3	08900001

IPOUCH BLACK - PRO2

Foam padded holster for iPod. The elastic sides make it compatible with all iPod with dock connector from 10GB to 40GB. With its sturdy swivel clip, it holds your iPod securely at all times

IP9	08900005

GEN1, 2, 3 & 4 LEATHER CASE - PRO2

Genuine leather case protect your iPod from the elements and enhance its portability with the custom made design. The elastic sides make it compatible with all iPods from 10GB to 40GB.

IP12	08900007

IPOD MINI SKIN - PRO2

- Included arm band holds & protects your iPod mini
- Support for iPod mini (4G)
- Soft silicon construction
- With strap hole and easy-access connect point

IP21	08900013

IPOD MINI LEATHER CASE - PRO2

- Included arm band holds & protects your iPod mini
- Support for iPod mini (4G)
- With strap hole and easy-access connect point

IP24	08900015

GEN1 NANO SKINS - PRO2

- Form-fitting case designed to perfectly fit your iPod nano ■ Durable and protects your iPod nano from scratches and bumps ■ Soft, low-profile case
- Washable and tear resistant ■ Includes a strap

IP27	08900017	Light Green
IP30	08900018	Blue

GEN1 NANO LEATHER CASE - PRO2

- Soft, low-profile case
- Form-fitting case
- Washable and tear resistant
- Includes strap

IP33	08900019

GEN1 IPOD SHUFFLE CLEAR SKIN - PRO2

- Durable rubber sleeve
- 2mm silicone
- Total access to all iPod controls

IP36	08900021

IPOD TWIN DC SOCKET ADAPTER - PRO2

- Plug this twin socket adaptor into the car cigarette lighter thus converting to a twin socket for 12 volts DC accessories

IP57	08900035

IPOD AUTO CHARGER - PRO2

- 2 hour full charge from flat battery
- With long and durable coil cord
- Input voltage: 12/24V
- Output voltage: 11V
- Output current: 250mA

IP69	08900044

IPOD FOLD UP SPEAKER - PRO2

Connect any audio player via a 3.5mm jack

- Volume Control ■ On/Off Switch ■ iPod Holder
- 4 x AAA batteries ■ Blue LED

IP39	08900023

IPOD STEREO EARPHONES - PRO2

- 3.5mm connector to fit standard audio players

IP42	08900025

IPOD STEREO EARPHONES - PRO2

- 3.5mm connector to fit standard audio players
- Sound isolating ear-buds

IP45	08900027

IPOD HEADPHONE SPLITTER - PRO2

- Allows you to connect 2 headphones simultaneously

IP66	08900041

3.5MM RETRACTABLE CABLE - PRO2

- 3.5mm to 3.5mm retractable cable

IP60	08900037

IPOD RETRACTABLE USB CABLE - PRO2

- 70cm iPOD USB 2.0 connector

IP54	08900033

2M IPOD FIREWIRE CABLE - PRO2

- IEEE1394 iPOD cable with up to 480Mbps data transfer

IP63	08900039

IPOD DOCKING STATION - PRO2

- Audio jack output
- USB 2.0 and Firewire connection cables included

IP51	08900031

COMMUNICATIONS

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GPS UNITS

SLIM GPS - GARMIN

- New high-sensitivity GPS receiver
- Bright 3.5" diagonal colour display; 320 x 240 pixels; QVGA TFT display, with white backlight
- Trip computer records distance (km), max speed, total time and more ■ Text to Speech
- Built-in travel kit
- SD memory card expansion slot
- Includes Garmin Lock™ anti-theft feature
- Battery life: up to 5 hours depending on usage
- Dimensions: 98mm W x 94mm H x 19mm D
- Includes sturdy suction cup mount
- Simplified PC connectivity
- With the POI loader program, users can set up proximity alerts for school zones, safety cameras, create custom POIs and more
- Preloaded with City Navigator Australia
- Vehicle cigarette lighter power cable

NUVI260 **15500017**

WIDESCREEN GPS - GARMIN

- 4.3" WQVGA Widescreen display
- Display resolution: 480 x 272 pixels
- Garmin Anti Theft Lock ■ Built-in travel kit
- SD memory card expansion slot
- Configurable vehicle icons
- Unit dimensions, WxHxD: 9.7 x 7.1 x 2 cm
- Display size: 9.7 x 5.7cm > 4.3" diag (10.9cm)
- Weight: 172.93 g

NUVI250W **15500016**

GPS WITH BLUETOOTH - GARMIN

- Receiver: high-sensitivity WAAS-capable GPS receiver by SiRF
- Display: 320 x 240 pixels, 64K colours 7.1 cm W x 5.3 cm H (8.9 cm diag.)
- Dimensions: 98.3 mm W x 73.9 mm H x 22.1 mm D
- Built-in lithium ion battery provides 4-8 hours of battery life depending on use
- Preloaded Wherels™ maps for all of Australia
- Bluetooth®
- Text-to-Speech
- Upload custom POIs, including alerts for speed zones and safety cameras ■ Weight: 144.6 grams
- Built in Travel Kit includes MP3 player
- SD memory card expansion slot

NUVI310 **15500020**

GPS WITH BLUETOOTH - GARMIN

- Sleek, ultra-slim design ■ Touchscreen interface
- Colour display: 480 x 272 pixels
- Turn-by-turn directions with voice guidance
- Powered Bracket ■ Bluetooth wireless technology
- Integrated FM wireless transmitter sends audio through your vehicle stereo
- Preloaded with City Navigator Australia
- Travel Features: like Language Guide, MP3 player with playlist support, audio book player, picture viewer, currency and unit converters, world clock and calculator ■ Speed limit indicator: unit displays speed limits for highways ■ Look up addresses or POIs with Garmins new Qwerty or ABC keyboard
- 122w x 71h x 20d mm ■ Built-in rechargeable lithium-ion battery: up to 5 hours of battery life
- Sturdy suction cup mount

NUVI760 **15500027**

HAND HELD GPS - GARMIN

- Store up to 500 user waypoints with graphic icons
- Boasts GARMIN's exclusive TracBack™ feature that will reverse your track log and help you navigate your way back home
- Current speed, average speed, time of sunrise/ sunset, resetable maximum speed, trip timer, and trip distance ■ Indefinite: no memory battery req.
- Size: 11.2 H x 5.1 W x 3.0 D cm
- 150 g (5.3 ozs) with batteries
- Battery life: Up to 22 hours

ETREX **15500045**

HANDHELD MARINE GPS - GARMIN

WAAS-enabled for accuracy to within 3 meters and features a large, crisp display and easy-to-use buttons. Use on Land or Water.

- IPX7 waterproof, floating design
- Preloaded with worldwide cities
- Preloaded marine navigation aids, including lights, buoys, sound signals and day beacons.
- Built-in celestial data, which includes tide information, sunrise/ sunset times and a hunting and fishing calendar ■ WxHxD: 6.9 x 15.7 x3.0 cm
- Display size: 180 x 240 pixels (4.1 x 5.6 cm)
- Display type: 4 level gray LCD
- Weight: 7.7 oz (218 g) with batteries
- Battery: 2 AA batteries (not included)
- Battery life: 16 hours ■ Area calculation

GPS76 **15500035**

GARMIN CIGARETTE LIGHTER ADAPTOR

Plugs into any standard cigarette lighter receptacle to power your Garmin GPS in the car.

LE903 **15500036**

GPS feature terminology

- **Text-to-Speech** voice guidance with Australian voices audibly announce street names
- **Built in Travel Kit** includes picture viewer, world clock, currency & measurement converters and calculator, and more
- **Bluetooth®** wireless technology for hands free mobile phone operation
- **POI loader program** allows users can set up proximity alerts for school zones, safety cameras, create custom POIs and more
- **Garmin Lock™** disables the unit from performing any functions until a specific 4-digit PIN is typed in or the unit is taken to a predetermined location.

CB RADIOS UHF/VHF

MOBILE 27MHZ UHF

27MHZ CB TRANSCEIVER - GME

- Large back-lit LCD display with lamp dimming
- Rotary Squelch Control
- Programmable Memory Channel Scan
- Advanced Noise Limiter (NL) Circuitry
- User Selection of Australian 27 MHz CB or 27 MHz Marine Channels ■ Priority channel selector key
- Dual Watch feature ■ Water proof design (IP55)
- Remote Channel Change Function Microphone
- Multiple mounting options (flush or Gimbal mount)

GX300B **08603465**

UHF CB TRANSCEIVER - GME

One of the most advanced UHF Citizen Band radios available. The TX4400's DIN sized case allows it to be conveniently installed into a dashboard or console and its strong diecast aluminium chassis makes it the most robust transceiver of its kind. With just three rotary controls and five touch keys, the TX4400's extensive features are easy to operate.

- Microprocessor Controlled Frequency Synthesiser
- Permanent Memory ■ Programmable scan
- In-Built CTCSS ■ Inbuilt Selcall ■ Quiet Mode
- Front Facing Speaker ■ Priority Channel
- Individually Programmable DUPLEX function
- Large High Contrast Liquid Crystal Display
- Unique Page (Transpond) Mode ■ Australian Made
- Feature disabling function ■ 20 additional channels

TX4400 **08603480**

40CH UHF CB RADIO & SCANNER - UNIDEN

- Detachable Remote Facia or In-Dash Control Head
- Compact Size: 36 (H) x 127 (W) x 157.5 (D) mm
- 5 Watts Maximum TX Output Power
- 40 UHF Channels ■ VOX Hands Free Capable
- Interference Eliminator (38 CTCSS Codes)
- Digital Coded Squelch (DCS) 104 Codes
- 60 User Programmable RX Channels: (400-512MHz)
- Dual Listening Circuitry ■ Police Scan
- Band Search Function (400-512Mhz)
- Includes land mobile, amateur, police, railroad, ambulance etc. ■ 3 Level Preset Squelch
- Backlit Keypad and LCD Display
- Wide Full Frequency LCD Display
- Range Extender (Duplex) Capability
- Scan up to 40 UHF Channels, 60 User Programmable RX Channels
- Busy Channel Lockout Function
- Open Scan ■ Priority channel (priority watch)
- RF Level Bar Indicator ■ Built-in SELCALL Function
- Group Call: Use SELCALL to selectively call multiple users in a group

UH015SX **08603601**

UHF 2 WAY RADIO - UNIDEN

Super compact 40 Channel UHF CB Radio

- 2 digit LED channel display
- Instant channel programmable
- One touch instant channel recalling
- UHF CB Repeater access facility
- Open scan function
- Transmit power 5 Watts Max
- Channel select rotary knob
- Variable squelch level
- Volume control with power on/off switch
- ASC advanced signal clarity circuitry

UH012SX **08603602**

UHF RADIO 5W CB - UNIDEN

- Din Size ■ Full 40 CB Channels
- Front fire speaker ■ Duplex capable
- Wide LCD Display ■ Sellcall (Optional)
- Open and group scanning modes
- Full UHF frequency display

UH088SX **08603609**

40CH 5W UHF MOBILE - GME

Practical and affordable the TX3220 is a tough and compact UHF radio.
The unique slide-in mounting cradle makes installation simple, the solid die-cast chassis is built to last.

- Designed and manufactured in Australia
- 3 year warranty ■ Small physical size
- Open and group scanning ■ Adjustable squelch
- Interference eliminator (CTCSS)
- Graphic signal strength meter
- Dustproof microphone ■ Backlit keypad and LCD
- Selectable priority ch. ■ Over-voltage protection

TX3220 **08603660**

40CH 5W UHF MOBILE - GME

- Selcall with Quiet Mode ■ Priority Channel
- OS & GS Scanning ■ Super Sensitive Receiver
- Programmable Selcall memories with alpha labelling
- Digital Signal Strength Meter
- Page (Transpond) Mode ■ CTCSS Ready
- Electret Dustproof Microphone
- High Contrast LCD with LED Backlighting
- Programmable 10 Extra Receive Channels
- User Selectable Priority Channel, Open & Group Scan, and Duplex Channels
- Solid Die-cast Construction
- Easy Slide in Mounting Cradle
- Remote or Reversible Under Dash Mounting
- Made in Australia ■ 2 Year GME Warranty
- Compact Size (WHD): 128 x 29 x 117mm, Head (WHD): 128 x 29 x 32mm

TX3400 **08603665**

40CH+ UHF ICOM - ICOM

Full featured with class leading performance

- 40CH+ preprogrammed with 128CH monitoring capability
- Exclusive automatic repeater
- Rugged MIL SPEC construction provides shock & vibration resistance
- Output power 5 Watts (25W with licensed commercial frequencies)
- Silent Stand-by with CTCSS & Selcall
- Front mounted speaker for clear sound
- Made in Japan ■ HWD 40 x 150 x 142 mm

IC400PRO **08603670**

5W 40CH UHF TRANSCEIVER - GME

- User Selectable Duplex
- Open and Group Scan
- User Adjustable Squelch
- 5 Digit Selcall with Quiet Mode
- 50 In-built CTCSS Codes
- Digital Signal Strength Meter
- 59 Extra User Programmable Receive Channels (403-520 MHz) ■ Frequency Band Scanning
- Industry First 3 Year Warranty
- Designed and manufactured in Australia

TX3440 **08603675**

40CH UHF 5W TRANSCEIVER - UNIDEN

- Built for Rugged Australian & N.Zealand Conditions
- Compact Size: 36mm(H) x 127mm(W) x 148mm(D)
- 5W Max. TX Output Power ■ Rear Microphone jack
- Remote Speaker Microphone (With built-in LCD)
- Backlit keypad & LCD Display ■ RF level bar Indicator
- One Touch Instant Channel Recalling ■ Dual Watch
- Range Extender (Duplex) Capability ■ Open Scan
- Digital Coded Squelch (DCS) ■ Call Tone Function
- Includes: 1 X UH400SX Radio, 1 X Standard Mic, 1 X Mic Hanger, 1 X Mounting Bracket, 1 X DC Power Cord with Fuse ... And More!

UH400SX **08604891**

HANDHELD UHF/ VHF

40CH 5W UHF HANDHELD - GME

- The full 5 watt output power of the TX6200 combined with a super sensitive receiver gives maximum range in both transmitting and receiving
- The rugged TX6200 is a one piece solid die-cast frame inclosing a single printed circuit board
- Advanced battery save & sleep mode capabilities
- Open & Group scan
- Priority channel
- Easy operation ■ Compact size
- Digital Squelch ■ 5 Digit Selcall
- 20 user programmable channels
- CTCSS with Silent Mode

TX6200 **08603667**

5W VHF 200CH HANDHELD - ICOM

AUSTRALIAN TYPE APPROVED Pilot & Ground Use Handheld

- Simple Operation (One Handed)
- "Flip Flop" frequency recall feature (10 Ch)
- 200 Memory channels (6 Character Alpha Tagging)
- Side-tone function, with standard G.A. headsets
- ANL (Auto Noise Limiter) reduces pulse noise
- Operation/charging from external DC power jack
- TOT (Time Out Timer) function
- Water resistant construction

IC-A6AUS	08601000	

2 WATT UHF CB RADIO - GME

- Compact 40ch UHF
- CTCSS ■ Scan
- Calling Tone (5 ringing tones)
- Transmits without the need to press the PTT button
- HWD 110 x 55 x 30

Accessories available:

- Flexible Antenna
- 3 x 500 mAh Rechargeable AA Batteries
- 240 Volt AC Adapter

TX670	08607075	

1W 40CH HANDHELD UHF - UNIDEN

- Select high or low RF output power
- Repeater/Duplex Capability
- VOX Hands Free Capable
- CTCSS Function ■ DCS Feature
- Backlit Keypad and LCD Display
- Auto Battery Save ■ Open Scan/ Group Scan
- Priority channel (priority watch)
- Busy Channel Lockout Function
- Roger Beep ■ Keypad Lock
- 3 Level Squelch Setting ■ Room Monitor
- Rubber Grips / Seal and built-in Headset Jack
- Calling Tone ■ 2 Year Warranty

Whats In the Box?

- 2 x Speaker Microphone
- 6 x 1500Ni-MH rechargeable batteries
- 1 x Dual Charger ■ 1 x Ac Adaptor ■ 2 x Belt Clips

UH049SX-2	08604840	Twin Pack

1W 40CH HANDHELD UHF - UNIDEN

- 1x UH049SX UHF Radio ■ 1x Earpiece Microphone
- 3x AA Ni-MH 1500mAh Batteries ■ 1x Belt Clips
- 1x Desktop Charge Cradle ■ 1x AC Adaptor

UH049SX	08604841	Single Pack

500MW 40CH HANDHELD CB - UNIDEN

- Designed and Engineered in Japan
- Ultra Compact Design
- 40 UHF Channels Range Extender (Duplex)
- Up to 3km Range and 30 Hours Operating Time
- LCD Display ■ Auto Battery Save ■ Channel Scan
- Battery Level Indicator ■ 500mW RF Output
- Auto Squelch ■ Monitor ■ Belt Clip included
- Batteries: 3x AAA Alkaline Batteries (not included)

UH036SX-2	08604838	Twin Pack
UH036SX-4	08604839	4 Pack

UHF 3W WATERPROOF UHF RADIO - UNIDEN

- Designed and Engineered in Japan
- 2 Year Warranty
- Built for Rugged Australia and New Zealand Conditions with its Metal Alloy Casing
- Ultra Compact Design
- 40 UHF Channels
- 3 Watt Maximum TX Output Power
- Waterproof ■ Long Life Super Switch
- Range Extender (Duplex) Capability
- VOX Hands Free Capable
- Interference Eliminator (CTCSS)
- Backlit Keypad and LCD Display
- Auto Battery Save ■ Open Scan/ Group Scan
- Battery Level Indicator ■ Keypad Lock
- Busy Channel Lockout Function
- Rubber Grips / Seal and built-in Headset Jack
- Includes Belt Clip, 1 X Lithium-Ion Rechargeable Battery, Desktop Charge Cradle and AC Adaptor
- Range: 12kms Typical Range in kms (line of sight)
- Operating Time: 15hrs

UH073SX	08604890	

5W 40CH HANDHELD 40CH UHF - ICOM

- 128 channel capability
- Dust-proof and water-resistant
- Unique repeater scan
- Silent stand-by
- Li-Ion battery pack and charger
- Selcall (Selective Calling)
- Smart Ring and Automatic Transponder
- Repeater lock-out
- 3-type LCD backlight setting
- Radio stun function
- Time-out timer
- PTT hold function

IC41S	08604908	

40CH UHF TRANSCEIVER - ICOM

- 40 UHF CB channels with 8 repeater channels ■ Uses AA battery cells
- New high performance antenna, up to 3km "line of site"
- CTCSS group mode for silent stand by
- Optional in vehicle charger CP-18, for rechargeable batteries
- Voice scrambler
- Unique automatic in range and missed call indicator
- Rugged splash resistant construction

IC4088S	08604911	

UHF 2W UHF RADIO - UNIDEN

Includes:

- 1 x Speaker Microphones
- 1 x AC Adaptor
- 3 x AA Ni-MH 1500mAh Batteries
- 1 x Belt Clips
- 1 x Desktop Charge Cradle

- Designed and Engineered in Japan
- Compact Design ■ 40 UHF Channels
- 2 Watt Maximum TX Output Power
- Digital Coded Squelch (DCS)
- D+ Booster (Extreme Distance Booster)
- Long Life Super Switch ■ Range Extender (Duplex) Capability ■ VOX Hands Free Capable
- Interference Eliminator (CTCSS)
- Dual Watch ■ Auto Battery Save
- Busy Channel Lockout Function
- Open Scan/ Group Scan ■ Calling Tones
- Keypad Lock ■ 3 Level Preset Squelch
- Room Monitor ■ Built-in Headset Jack

UH065SX	08607057	Single Pack
UH065SX-2	08607060	Twin Pack

3 WATT UHF CB RADIO - GME

Super sensitive receiver with front end filtering

- Scan ■ Dual Watch
- CTCSS ■ VOX ■ High/Low Power
- Digitally coded squelch
- Monitor Switch

Accessories supplied:

- Removable flexible Antenna
- 1000 mAh Li-Ion Battery Pack
- Semi-Quick Charger,
- AC Adapter ■ Carry Case

TX680	08607079	

1W 40CH HANDHELD 2-WAY UHF RADIOS - ORICOM

- 40 licence free channels ■ Range up to 7km
- Channel scan ■ 38 interference eliminator codes
- Range extender in duplex mode
- Channel busy indicator ■ IVOX for hands-free
- Nuisance delete ■ Backlit display ■ Call tone alert
- Hands-free use (VOX) with headset supplied

PMR3000	08607053	Twin Pack

1W 40CH UHF RADIO - MOTOROLA

- Duplex Mode (range Extender) ■ Keypad Lock
- Backlit display ■ Battery Status Display
- Press to Talk Switch ■ Volume knob
- Replaceable face plates
- Channel Busy/Heartbeat/Transmit LED
- Talk confirmation tone
- Audible Low battery alert ■ Keypad Tones
- Time-out timer ■ Call Tones ■ Channel Scan
- Nuisance Delete ■ I Vox (without headset)
- Vox with (optional Headset with Boom Microphone)
- Radios included in pack: 2 ■ Range: Up to 7km
- Dual Charger and rechargeable batteries included

T5509R	08607059	Twin Pack

2W 40CH UHF RADIO - MOTOROLA

Same features set as the T5509R plus:

- 2W high power ■ Vibration alert
- Time-out timer ■ QT Filter ■ Call Tones

Perfect for the serious outdoor enthusiast or tradesman, these high powered 2 Watt Two way radios deliver up to 10km range making them ideal for all outdoor activities.

SX709R	08607061	Twin Pack

40CH 1W HANDHELD UHF - GME

- Scan ■ Dual Watch ■ CTCSS ■ VOX
- Roger Beep ■ High/Low Power ■ Duplex Capable
- Auto Power Save ■ Keypad Lock ■ Calling Tone
- Rechargeable Battery Pack
- Squelch/Monitor Switch ■ Accessory Connection
- Powered by a 3.7 Volt 750 mAh Li-Ion battery

TX650	08607068	Twin Pack

5W 40CH 2 WAY UHF RADIO - UNIDEN

- Designed and Engineered in Japan ■ 2 Yr Warranty
- Built for Rugged Australia and New Zealand Conditions with its Metal Alloy Casing
- Ultra Compact Design ■ Waterproof
- 40 UHF Channels ■ Digital Coded Squelch (DCS)
- Voice Scramble Function
- Watt Maximum TX Output Power
- 60 User Programmable RX Channels: The UH078sx has 60 extra receivable channels for storage of favourite listening frequencies (450-512MHz) ■ Operating Time: 15hr
- Bearcat Engine ■ Long Life Super Switch
- Range Extender (Duplex) Capability
- VOX Hands Free Capable
- Interference Eliminator (CTCSS)
- Backlit Keypad and LCD Display
- Auto Battery Save ■ Open Scan/Group Scan
- Battery Level Indicator ■ Busy Channel Lockout
- Rubber Grips / Seal and built-in Headset Jack
- Includes Speaker Microphone, Dual Desktop Charge Cradle, 2 High Capacity Lithium-Ion Rechargeable Battery Packs, AC Adaptor and Belt Clip
- Range: 15kms Typical Range in kms (line of sight)

UH078SX	08607063	

500MW 40CH HANDHELD UHF - PRO2

Twin Pack Hand held UHF Radio

- Backlight LCD ■ Communication: Up to 3km
- Battery Life: Alkaline Battery > 14 Hours (This is the battery life during Two-way use, i.e. 90% standby time, 5% talk time and 5% receive time.)
- Key Lock ■ Call Function ■ Monitoring Function

Accessories Included:

- Power Supply ■ 2 x Earphones ■ 2 x Straps
- 6 x Rechargeable "AAA" batteries

P2COM40	08607069	Twin Pack

MARINE VHF

5W FLOATING VHF MARINE RADIO - ICOM

Icom is pleased to announce the debut of their first marine VHF transceiver that floats in water. It is quite simple, if you drop the radio into the water, you can easily retrieve it without the radio sinking. This revolutionary new radio has been designed to be easy to use and is supplied as standard with a 980mAh Li-Ion battery pack which provides 9 hours of operating time.

Features:

- Powerful 5W output power
- Dual/Tri-watch functions
- 4-step battery life indicator
- 2-step power saver ■ Auto scan function
- 70 programmable channels
- Instant access to Ch 16 or programmable call channel
- **Buoyant waterproof VHF Marine Transceiver**
  If you drop the IC-M33 into water, the radio comes up to the surface so that you can easily retrieve it from out of the water. As the radio has a rugged waterproof body*, it will keep on working even after it has been submerged.
  *1m depth for 30 minutes, equivalent to IPX7. Please note that the IC-M33 is not designed to be used under the water
- **Easy to see LCD with large channel indication**
  The IC-M33 has an easy to see LCD (32x16 mm) with a clear 2-digit channel number indication. The Volume and SQLlevels are shown in the display. LCD and key backlighting are standard features, ideal for night time operation.
- **Easy to use, easy to hold**
  Weighing only 305g, the stylish IC-M33 has an easy-to-hold-rounded body that fits comfortably in your hand. 9 large buttons on the front panel provide simple straightforward operation.
- **Quick channel selection with Favourite channel function**
  Tag your favourite or often used channels then push the "Fav" button, so that you can recall those channels, while ignoring untagged channels.
- **Li-Ion battery and charger standard**
  A Lithium-Ion battery pack and battery charger is supplied as standard. The BP-252 Lithium-Ion battery pack provides 9 hours* of operating time.
  * Typical operation with Tx (Hi): Rx: standby=5:5:90
- **AquaQuake draining function**
  The AquaQuake draining function emits a vibrating sound and clears water away from the speaker grill.

IC-M33	08603415	

CB ACCESSORIES

GME CB ACCESSORIES

		To Suit	Type	Description
BCV002	08601712	TX610	Charger	12V Cigarette Lighter
HS004	08601709	TX610	Mic	Ear Mic, Adjustable for left or right ear, PTT and VOX switch
LC002	08601710	TX610	Case	Leather Carry Case, Slip on case with clear plastic window
HS006	08601750	TX610	Cradle	Desktop Charging Cradle, (Must be powered by BCT002)
BC002	08601711	TX610	Charger	Trickle NiMH/NiCD Charger
BCD001	08601714	TX610	Charger	Desktop Rapid Charger, Charges battery in 1 hour
MB015	08601716	TX610	Clip	Belt Clip
MC002	08601737	TX610	Mic	Speaker Microphone, PTT and socket for ear piece
HS006	08601750	TX630	Mic	UHF CB handheld ear microphone
HS007	08601752	TX650	Mic	UHF CB handheld ear microphone
MC003	08601755	TX630	Mic	Handheld speaker/ microphone
MBD001	08603666	TX3200, TX3400 & TX3600	Din mount	DIN Mounting Adaptor
CK6000	08603668	TX6000, TX6200/ 7200	Car Kit	Car Kit to adapt to external antenna and 12V power source
LE012	08603669	TX6200	Charger	DC Power. Allows in-car charging
BCV001	08601715	TX6200	Charger	12V Cigarette Lighter, plugs directly into battery pack
BCT001	08601760	TX6200	Charger	240V Charger
MC6000	08601765	TX6000	Mic	Speaker/ Microphone
LCM7000	08601770	TX6000	Case	Leather Carry Case, with clear display window and keypad
BCT003	08601775	TX630	Charger	240Vac Charger
BCD003	08601780	TX610	Charger	Desktop Charger
LC003	08601785	TX610, TX630	Case	Leather Carry Case
BCV003	80006124	TX650	Charger	Cigarette Charger
LE002	08601790	TX3400, TX3420	Lead	1.8m Replacement Lead

ICOM CB ACCESSORIES

		To Suit	Type	Description
BC119N	08604912	for icom handheld radio	Charger	Drop-in rapid charger for use with adaptor cups
AD81	08604913	IC40S	Charger	Charger Adaptor
AD89	08604914	IC40JR	Charger	Charger Adaptor
AD105	08604917	IC4088	Charger	Charger Adaptor
BC136AUS	08607021	ICR5, R3, IC-4088S	Charger	Wall Charger
OPC478U	08607022	ICR5	Cable Kit	USB serial interface cable kit Inc: Interface box, USB cable & driver disk
CS-R5	08607024	ICR5	Software	Cloning Software

UNIDEN CB ACCESSORIES

		To Suit	Type	Description
VM041	08604898	UH044	Mic	Lightweight headset mic, provides hands-free voice-activated (VOX)
SM078	08604899	UH-073/075/078SX	Mic	Speaker Microphone
HM-060CQ	08607070	UH043sx-2, UH047sx, UH047sx-2, UH060sx-2, UH064sx-2 and GPS 205	Headset	One speaker headset with large PTT

GARMIN CB ACCESSORIES

		To Suit	Type	Description
MKT83	08607071	Garmin products	Cradle	Cradle Suction Cup

MAGNETIC BASE

Heavy duty magnetic CB antenna base attached to 12ft coaxial cable and PL259 plug

27241MB 08750752

27MHZ ANTENNA BASE

Standard 5/16" brass thread to fit 27MHz mobile CB whips
- Mounting hole diameter: 15mm

MB27 08751201

UHF ANTENNA BASE

Standard 5/16" brass thread to fit UHF mobile CB whips
- Features higher isolation cable connection than 27MHz base
- Mounting hole diam: 15mm

MBU 08751248

UHF BASE LEAD & PLUG

UHF base with 12' coax lead attached to bare ends. Features higher isolation cable connection than 27MHz base ■ Mounting hole diameter: 15mm

MB12UL 08751250

27MHZ BASE, LEAD & PLUG

Standard 27MHz base with 12' coax lead attached to PL25

BLP12 08751252

1.8M MIC CURLEY CORD

Curly cord type
- 5 core with bare ends
- Length: 1.8 m

NC40 08751664

STANDARD CB MICROPHONE

Standard CB dynamic microphone with press to talk switch.
- 1.8 m curly cord to bare ends
- Omni-directional
- Sensitivity: -74dB
- Impedance: 500
- Metal mic holder

232012 08752016

NOISE CANCELLING CB MICROPHONE

Well built noise cancelling dynamic CB mic with reliable press to talk switch.
- 1.8 m curly cord to bare ends
- Metal mic holder
- Sensitivity: -71dB
- Impedance: 500
- Freq. Resp: 300 ~ 5000Hz

07702BK 08752048

SCREW TYPE MIC HOLDER

Metal mic holder with holes provided for screw mounting.

MH3S 08752116

GUTTER MOUNT

Heavy duty adjustable gutter bracket
- Suits standard mobile base
- Supplied with allen key for installation

SKSGB 08752448

LIGHT DUTY ANTENNA SPRING

Strong spring, fits standard mobile base and whip
- 5/16" thread
- Size: 70L x 20mm

SAL 08752480

HEAVY DUTY ANTENNA SPRING

Extra heavy duty spring, fits standard mobile base and whip
- Overall Diam: 24mm
- Length: 70mm
- 5/16" thread

SAO 08752488

MIRROR MOUNT - DNA

Solid galvanised angle bracket to mount on truck mirrors or roof racks. Has 16mm round hole to take standard mobile bases.

MR41 08752512

BULL BAR MOUNTING BRACKET

Heavy gauge vertical bull bar bracket with 2 U bolts
- Suits a standard mobile base

BB2 08752581

BBM1 BOOT/BONNET MOUNT

Chrome plated steel mount with 18mm mounting hole, suits standard and Heavy Duty CB bases.
- Cable clamp supplied

MB407 08752589

5W EXTENSION SPEAKER

High quality 8 Ω 5 Watts speaker in a mini housing with 1.8 Metre lead and 3.5mm mini plug
- Mounting bracket and screws
- Size (HWD): 70 x 80 x 55mm

ANT828 08752855

8W EXTENSION SPEAKER

With adjustable angle bracket and strong metal grille.
- Efficient 90 x 50mm speaker
- 1.7 m shielded lead with 3.5mm plug
- 4 Ω 8 Watts with large 45mm magnet
- Size (HWD): 80 x 130 x 60mm

ES1 08752880

SCANNERS

PC RECEIVER - ICOM

The IC-PCR1500 is a PC control receiver and all functions are controllable from mouse click or keyboard.
- HF/VHF/UHF/SHF receiver/scanner
- Frequency range: 0.01-3300 MHz
- Mode: AM/FM/WFM/SSB/CW (No AM/SSB/CW above 1300 MHz) ■ Impedance: 50 ohms, BNC
- V: 12 VDC +/-15% ■ Current drain: Max 1.25 A
- Dimensions (WxHxD): 146x41x206 mm

ICPCR1500 08607015

ICOM WIDEBAND COMPUTER COMMUNICATIONS RECEIVER

Dualwatch, Digital Mode, Diversity Receiver
- Covers 0.01–3299.999MHz* in AM, FM, SSB and CW mode ■ Remote control head
- 60 channels per second scan ■ IF shift function
- 1000 alphanumeric memory channels
- CTCSS, DTCS tone and pocket beep
- VSC (Voice squelch control) ■ SSB, CW mode only
- IF filter selection for changing IF filter width
- RF attenuator attenuates 20dB (approx.)
- 30 min – 2 hour auto power off timer
- Fast/slow AGC setting ■ Cloning function

Kit includes: Remote head, AD-113A AC adapter, whip antenna, USB cable and Windows 98SE/ ME/2000/XP/Vista™ PCR1500 software CD

ICR1500 08607016

C

HANDHELD RECEIVER - ICOM

- Dynamic Memory Scan (DMS)
- CTCSS & DTCS Decoder
- Priority watch function with alert
- External Power Terminal
- Internal Bar Antenna
- Weather Resistant Construction
- Auto Squelch
- Large Backlit Display
- External DC Jack
- Large Speaker

Accessories: Antenna, Belt clip, Handstrap, Handbook

ICR5 **08607019**

PROGRAMMABLE HANDHELD 100 CHANNEL SCANNER - UNIDEN

- Designed & Engineered in Japan
- 100 Channels: 10 Banks for storage of often-used frequencies
- 7 Bands of designated frequencies
- Ultra Compact Design
- Frequency Skip
- Memory Channel Scan
- Channel Lockout
- Priority Scan
- Frequency Range: 25-88MHz, 108 – 174 MHz, 400-512 MHz
- Close Call RF Capture Technology
- Program Search
- Chain Search
- Direct Entry Search ■ Channel Scanning
- Pre-Programmed Service Search: Police, Railroad, Air, Marine, UHF CB, AM CB
- Duplicate Channel Alert ■ Backlit LCD Display
- Keypad Lock ■ Key Touch Tone
- Memory Back Up ■ 12 Month Warranty

UBC73XLT **08607045**

PROGRAMMABLE HANDHELD 200 CHANNEL SCANNER - UNIDEN

- Close Call RF Capture Technology"
- Full frequency display offers 200 programmable memory channels - 8 bands
- Frequency ranges: 25-88, 108-174, 400-512 and 806-956 MHz
- Program Search
- Chain Search
- Direct Entry Search
- Pre-Programmed Service Search: Police, Railroad, Air, Marine, UHF CB, AM CB
- Frequency Skip ■ Channel Scanning
- Memory Channel Scan ■ Direct Channel Access
- Channel Lockout ■ Priority Scan
- Duplicate Channel Alert ■ Backlit LCD Display
- Keypad Lock ■ Key Touch Tone
- Memory Back Up ■ 12 Month Warranty

UBC93XLT **08607047**

DIGITAL HANDHELD SCANNER WITH REMOTE HEAD - UNIDEN

Digital Programmable Handheld 6000 Channel Scanner with Digital Remote Control Head Accessory Outstanding set of listening features including Digital monitoring, Motorola Trunking, P25 Trunking, EDACS trunking and LTR trunking.

- Impressive 6000 channels
- AM/FM/NFM/WFM Modes
- Close Call technology
- Trunk Tracker technology - Supporting, Motorola, P25, EDACS, LTR trunk tracking
- CTCSS and DCS decoding
- 3.5 mm Headphone jack
- Continuous band coverage from 25 MHz to 1.3 GHz (excluding UHF TV and Cell Phones)
- PC programmable

UBCD396TRH96 **08607033**

DESKTOP / IN-CAR DIGITAL SCANNER WITH GPS SUPPORT - UNIDEN

2 DIN (DIN-E) and single DIN (ISO) heads

The UBCD996T with TrunkTracker IV™ Technology, offers APCO 25 digital capability, allowing users to monitor the activities and signals of city and government service departments, utilising advanced scanner technology.

- 6000 Dynamically Allocated channels
- Location-Based Scanning ■ APCO 25 Digital
- 100 System Quick Keys ■ Dual-Colour LCD Display
- TrunkTracker IV™ (multi-site) & automatic scanning
- Dangerous Crossing, Dangerous Road and POI Alert
- Mobile Digital Scanner: Ideal for in-dash vehicle installations using DIN-E and ISO mounting
- Temporary Lockout
- Close Call RF Capture Technology - Instantly tunes to signals from nearby transmitters
- PC Interface (Software Available via Download)
- DCS / CTCSS Rapid Decode
- Pre-Programmed Service Searches
- Frequency Range: 25 – 512MHz, 764- 776MHz, 794 – 806MHz, 806 – 956MHz, 1240 – 1300MHz
- Unit: 184 (W) x 151 (D) x 56 (H) mm

Includes RH96 Remote Control Head Accessory:

- Provides full remote control for UBCD996
- 3 special user-assignable keys
- Internal Speaker: 8ohm.1W
- Size of Unit (mm): 184mm(w) x 151mm(D) x 56mm(H)

UBCD996TRH96 **08607036**

REMOTE HEAD FOR UNIDEN UBCD396T & UBCD996T SCANNERS

Allows the user to mount a much smaller front head unit of the radio. The radio itself would be mounted typically under a seat with a cable connecting the two.

- Includes 3m data cord, power cord and mounting kit
- Controls all Functions ■ Backlit Display and Keypad
- Special Key Function – 3 special keys that the user can assign useful operations

RH96 **08607040**

250 CHANNEL TRUNKTRACKER III MOBILE SCANNER - UNIDEN

The new Desktop scanner with Trucktracker III "Trunking Radio Trace Technology" offers 250 programmable memory channels

- Mobile/Din Size (All in-dash or can be used for desktop use) ■ 250 channels in 5 banks for storage of often used frequencies
- 12 bands of designated frequencies
- 25-512MHz, 806-956MHz, 1240-1300MHz
- Close Call RF Capture Technology
- Band Search - 12 pre-programmed search bands
- Turbo Search - speed to 300 steps per second
- Lockout Search ■ Pre-programmed Police, Railroad, Air, Marine, UHFCB, AM CB search
- Frequency Skip ■ Data Skip
- Memory Channel Scan ■ State Scanning
- Clone (optional cloning cable required)
- Control channel only mode ■ Memory lock
- Backlit LCD display and keypad ■ Memory back up
- Size of Unit (mm): 176.5(W) x 152.0(D) x 50.8(H)
- Weight without battery: 1.1kg

UBCT8 **08607046**

CB GLOSSARY

Close Call RF Capture Technology
New Ground Breaking Technology "Close Call RF Capture Technology" automatically 'Listens" for any nearby or 'close' transmissions and once they occur the scanner immediately tunes in to this frequency

Trunktracker IV™
Follows unencrypted conversations on analogue Motorola, Motorola Astro 25 (APCO 25), EDACS, EDACS SCAT, and LTR trunked radio systems, including systems in VHF, UHF, 700 MHz, 800 MHz, and 900 MHz bands. The scanner can scan both conventional and trunked systems at the same time.

CTCSS
Continuous Tone Coded Squelch System or Privacy Codes allow the user to hear only transmissions using the same code on the same channel, effectively blocking out unwanted conversations.

Priority Watch
One Channel per bank can be designated as a priority channel. Once activated, the scanner will regularly monitor the selected channel and automatically return upon sensing activity.

CAR ANTENNAS

FULLY AUTOMATIC CAR ANTENNA

Universal Fully Automatic, Replaceable Mast Car Antenna

- Suitable for AM/FM/MPX
- Adjustable 0-30° head kit for 25mm hole
- 5 section stainless steel mast
- Extends to 99cm
- Cable 140cm

AP10A **00161516**

UNIVERSAL 5 SECTION CAR ANTENNA

- Lockdown, side key
- Adjustable 0-30° head kit for 25mm hole
- 5 section stainless steel mast
- Extends to 100cm
- Cable 120cm
- Under fender: 270mm
- Packed in hang sell, full colour blister
- Supplied with installation instructions
- Side Key Lock
- 12 Month Warranty

AP62 **00162053**

GUARD MOUNT LOCKDOWN ANTENNA

- Suits Holden Commodore VN-VS 08/1988-08/1997
- Top key lockdown with custom headkit
- 5 section stainless steel mast
- Extends to 97cm
- Cable 42cm
- Packed in hang sell, full colour blister
- Supplied with installation instructions
- 12 Month Warranty

AP70 **00162813**

GUARD MOUNT LOCKDOWN ANTENNA

- Suits Holden Commodore VT-VY (10/1997-07/2004)
- Top key lockdown
- 5 section stainless steel mast
- Extends to 98cm
- Cable Length 43cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP71 **00162820**

UNIVERSAL TOP/SIDE MOUNT ANTENNA

- Adjustable split ball base for 25mm hole
- Spring to protect from overhead damage
- Spring Ball Base 180° adjustable
- 3 section stainless steel mast
- Extends to 100cm
- Collapsed length: 541mm
- Cable 137cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP40 **00163200**

UNIVERSAL TOP/SIDE MOUNT ANTENNA

- Adjustable spring ball base for 25mm hole
- Heavy-duty spring to protect from overhead damage
- Spring Ball Base 180° adjustable
- 4 section stainless steel mast
- Extends to 190cm
- Cable 147cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP44 **00163317**

UNIVERSAL RUBBER DUCKY ANTENNA

- Top Mount
- Adjustable split ball head kit, suits 25mm hole
- Cable attaches at 90°, ideal for installations with limited space
- 1 section black rubber mast
- Length 36cm
- Cable 127cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP102 **00163621**

UNIVERSAL CENTRE PILLAR ANTENNA

- Popular model for early Japanese models
- 3 section stainless steel mast
- Extends to 126cm
- Cable 127cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP122 **00164032**

UNIVERSAL OFFSET PILLAR ANTENNA

- Popular model for early Japanese models
- 3 section stainless steel mast
- Extends to 126cm
- Cable 165cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP120 **00164096**

GUARD MOUNT LOCKDOWN ANTENNA

- Suits Ford Falcon EA-ED (03/88-08/94)
- 5 section stainless steel mast
- Top key lockdown with custom headkit
- Extends to 98cm
- Cable 53cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP68 **00164120**

GUARD MOUNT LOCKDOWN ANTENNA

- Suits Ford Falcon EF-EL (08/94-08/98)
- 5 section stainless steel mast
- Top key lockdown
- Extends to 100cm
- Cable 53cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP69 **00164125**

INTERNAL MOUNT WINDOW ANTENNA

- High gain amplified AM/FM antenna
- 24cm adhesive strip attaches to inner edge of vehicle's window
- 12VDC amplifier
- Cable 259cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP259 **00164130**

ACCESSORIES

REPLACEMENT MAST & ROPE

Replacement mast to suit Aerpro automatic antennas

- Suits AP2, AP3, AP4, AP5, AP6, AP7, AP8, AP10, AP10A, AP11, AP176, AP178, AP180, AP190, AP197 & APVT1F
- Also suits Ford Falcon XA-XF, EA-EL & AU
- 5 section stainless steel mast
- Extends to 97cm
- Mast diameter 9mm
- Retracted length 260mm
- Sleeve diameter 10.5mm
- Sleeve length 77mm
- 12 Month Warranty

AP12 **00161020**

RIGHT ANGLE ANTENNA EXTENSION CABLE

- 90° Plug
- 20cm long with right-angled plug. Makes for easy installation where there is limited space behind the radio.
- Packed in hang sell-full colour blister

AP332 **00201510**

ANTENNA EXTENSION LEADS

- Antenna extension leads for use when lead on antenna won't reach the radio

AP334	**00202005**	1m
AP336	**00202030**	3m

25MM ANTENNA HOLE COVER

- Designed to easily conceal mounting holes in your vehicle
- Neat appearance
- Packed in full colour blister

CBA28 **00202401**

CAR ANTENNA LINE SOCKET

Clamp style, solderless design

CAS4 **00203001**

CAR ANTENNA PLUG

Clamp style, solderless design

CAP2 **00203401**

C

CB ANTENNAS

We carry a full range of CB antennas for all kinds of applications.

Check the RPG web site at **www.radioparts.com.au** for more specification on any item.

Our range include:

- UHF
- 27MHz
- VHF
- SCANNING
- CELLULAR

UHF

DUAL TV ANTENNA SYSTEM - GME

- Marine Diversity Antenna
- Height: 390mm
- Specifically designed to be used with the GT9600 Acies set top box. See Entertainment: Page A-8
- Ideal for boats, trucks, cars

AE341T 00243411

STAINLESS STEEL FOLD DOWN ANTENNA - GME

Fold down Stainless Steel with base + 4m lead plug assembly

- 6 & 9db Gain antenna
- Fold Down Adapter
- Antenna is removable from base
- Ground Independent
- Supplied with 3.6m Coax Cable & Connector

AE409L 00240901

3.6M 12DB AERIAL - GME

- 3.8 metres
- Fibreglass Co-linear
- 12 dB Gain

AE424 00240904

15CM STAINLESS STEEL AERIAL - GME

- 15 cm
- Stainless Steel
- Flexible (Unity Gain)
- 2.1dB

AE4001 00240907

DIPOLE AERIAL - GME

- 2.5db Gain
- Ground Independent
- Includes 4.5m Cable & Plug
- 400mm Length

AE4005 00240909

4.5DB WHIPSET ANTENNA - GME

This antenna is perfectly suitable for 4WD or Off-Road application

- 60 cm
- Stainless Steel Whip
- 4.5 dB Gain
- Heavy Duty
- Long Range
- Elevated Feed Antenna with Spring

AE4012K2 00240915

CO-LINEAR HEAVY DUTY AERIAL - GME

- 64 cm
- Heavy Duty Fibreglass
- 4.5 dB
- Co-linear
- Pre-tuned for high performance
- Copper Braid with top loading coil
- Heavy Duty PVC Sheath

AE4018 00240917

4.5DB 64CM H/DUTY AERIAL - GME

- Type: Co-linear
- Frequency: 477 MHz
- Length: 980mm
- Factory Pre-Tuned
- VSWR: <1.5 to 1
- Power: 50 watts
- Impedance: 50 Ohms
- Termination 1/2" BSW Tread

Supplied with:

- 4.5 Meters of low loss coax
- Heavy duty barrel spring
- Connector and braided fibreglass whip

AE4018K1 00240918

4.5DB UHF CO-LINEAR AERIAL - GME

- 1.04 metre
- Co-linear Aerial
- with Medium Barrel Spring
- c/w 4.5 metre
- Coaxial cable and Plug
- 4.5 dB Gain

AE4702 00240924

4.5DB UHF CO-LINEAR AERIAL - GME

- 1.2m length
- 4.5dB gain
- Ground independent antenna
- Heavy Duty antenna
- Supplied with 4.5m coaxial cable
- PL259 coaxial connector
- Heavy Duty Base/Spring

AE4705 00240927

CO-LINEAR ANTENNA - GME

- 2.1M length
- 6db gain
- Co-linear Design Antenna
- Heavy Duty Barrel Spring
- Complete with 4.5 metre RG58 coax
- PL259 plug

AE4706 00240930

AERIAL FOR TX6000/6200 - GME

2dB gain antenna to suit TX6000/TX6200

- 477MHz Portable Whip Unity Gain with TNC connector

AE6000HG 00240933

477MHZ 6.5DB GAIN - MOBILE ONE

477MHz Ground Independent 6.5dB Gain UHF CB Antenna

- All stainless steel & brass
- Full 6.5dB gain
- Low SWR (no tuning required)
- Computer designed & manufactured
- 3.6m Cable Length
- Made in Australia
- 50 Ohms
- Max Power: 300 Watts
- Termination: PL259 Supplied
- Pattern: Omni Directional
- Vswr: <1.5 to 1 over 20MHz

RF470 00241212

477MHZ 6.5DB GAIN UHF - MOBILE ONE

Ground Independent UHF CB Antenna with Spring Base

- All Stainless Steel & Brass
- Full 6.5dB Gain
- Low SWR (no tuning required)
- 3.6m Cable Length
- Made In Australia
- Length: 890mm
- Weight: 472g
- Max Power: 300 Watts
- Termination: PL259 Supplied
- Pattern: Omni Directional
- Vswr: <1.5 to 1 over 18MHz

RF470SS 00241213

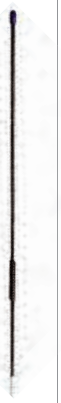
477MHZ 6.5DB GAIN - MOBILE ONE

- Suits either SO239 or direct with PL259
- Low Profile: < 1m Long
- All Stainless Steel & Brass
- Low SWR <1.5 to 1
- No tuning required
- Ground Independent
- Length: 890mm
- Weight: 472g
- Tuning: Factory Preset
- Frequency: 474 ~ 482MHz
- Impedance: 50 Ohms
- Max Power: 200 Watts
- Pattern: Omni Directional
- Vswr: <1.5 to 1 ■ Gain: 6.5dB

RF470COMBI 00241215

FIBREGLASS MOBILE UHF - POLAR

- Heavy Duty Co-linear whip made of resilient fibreglass
- Consisting of a helical radiator
- UHF: 477MHz
- Covered with black PVC Shrink tubing
- Suits Standard base
- Length: 820mm
- Gain: 4dB
- Standard 5/16" x 26 TPI ferrule



M342 00241272

477MHZ 2DB GAIN 1/2 WAVE - MOBILE ONE

- Gain 1/2 Wave UHF CB Antenna
- Lightweight Flexible Nylon
- Ground Independent
- Maximum 15MHz Bandwidth
- Low SWR (no tuning required)
- UHF Ground Independent
- Length: 360mm ■ W: 180g
- Frequency: 477MHz
- Impedance: 50 Ohms
- Max Power: 300 Watts
- Pattern: Omni Directional
- Application: Mobile or Base
- Vswr: <1.5 to 1 over 15MHz
- Gain: 2.14dB

CD470 00241361

477MHZ 6DB GAIN PLUG - MOBILE ONE

- UHF CB Antenna With Spring
- Strong Fibreglass Radome
- Low SWR (no tuning required)
- PLUG & PLAY for Quick Fitting / Removal
- Type: UHF Co-linear
- Length: 1630mm ■ W: 546g
- Tuning: Factory Preset
- Frequency: 474 ~ 482MHz
- Impedance: 50 Ohms
- Max Power: 200 Watts
- Pattern: Omni Directional
- Vswr: <1.5 to 1 over 8MHz
- Gain: 6dBd

CP476SK 00241400

27MHZ NO TUNE - MOBILE ONE

- Computer Designed & Manufactured
- High Power Rating
- Low Angle Of Radiation
- Made In Australia
- Type: 1/4 Wave Helical Monopole
- Length: 1050mm ■ Weight: 106g
- Tuning: Factory Tuned
- Frequency: 27.100MHz
- Impedance: 50 Ohms
- Max Power: 100 Watts
- Termination: 5/16" x 26TPI Female
- Pattern: Omni Directional
- Application: Mobile
- VSWR: 1.5 to 1 over 400kHz

DX140CD 00361648

477MHZ FLEXIBLE 1/4 - MOBILE ONE

- Flexible & Weather Resistant
- Large Bandwidth 470 ~ 490MHz
- Very Low SWR <1.5 to 1 (no tuning required)
- Suits Many Different UHF Mounts
- Length: 140mm
- Frequency: 470 ~ 490MHz
- Termination: 5/16" x 26TPI - Female
- Weight: 32g

FDW470 00241276

477MHZ 3DB UHF CB - MOBILE ONE

- Strong Fibreglass Radome
- Wide Bandwidth >15MHz
- Low VSWR <1.5 to 1
- Low Profile Only 700mm Long
- 3.6m Cable Length
- Type: Ground Independent
- Length: 660mm ■ W: 240g
- Tuning: Factory Preset
- Frequency: 477MHz
- Impedance: 50 Ohms
- Max Power: 100 Watts
- Pattern: Omni Directional
- Gain: 3dB
- VSWR: <1.5 to 1

CL474S 00241365

477MHZ 4.5DB GAIN UHF - MOBILE ONE

- All Stainless Steel & Brass Design
- Very Low SWR (no tuning required)
- Type: Co-linear Stainless Steel
- Length: 610mm ■ W: 84g
- Tuning: Factory Preset
- Frequency: 477MHz
- Impedance: 50 Ohms
- Max Power: 400 Watts
- Termination: 5/16" x 26TPI - Female
- Pattern: Omni Directional
- Application: Mobile or Base
- Vswr: <1.5 to 1 over 15MHz
- Gain: 4.5dB

S474 00241500

27MHZ HIGH PERFORMANCE - MOBILE ONE

- Computer designed & manufactured
- High Power Rating
- Low Angle Of Radiation
- Made In Australia
- Type: 1/4 Wave Helical Monopole
- Length: 1550mm ■ W: 145g
- Tuning: Cut To Tune
- Frequency: 27.100MHz
- Impedance: 50 Ohms
- Max Power: 100 Watts
- Termination: 5/16" x 26TPI Female
- Pattern: Omni Directional
- Application: Mobile
- VSWR: 1.5 to 1 over 900kHz

DX160CD 00361651

477MHZ 6DB GAIN BASE - MOBILE ONE

Ground Independent station antenna

- Strong Aluminium & Fibreglass Construction
- Broadband Coverage
- Made In Australia
- DC Grounded Co-linear
- Length: 2350mm
- Weight: 690g
- Tuning: Factory Preset
- Impedance: 50 Ohms
- Max Power: 200 Watts
- Termination: Female 'N'
- Pattern: Omni Directional

COL6 00241328

477MHZ HIGH GAIN 4.5DB - MOBILE ONE

- Computer designed & manufactured
- Lightweight Flexible
- Low SWR (no tuning required)
- Type: Co-linear Fibreglass
- Length: 600mm ■ W: 57g
- Tuning: Factory Preset
- Frequency: 477MHz
- Impedance: 50 Ohms
- Max Power: 400 Watts
- Termination: 5/16" x 26TPI
- Pattern: Omni Directional
- Application: Mobile or Base
- Vswr: <1.5 to 1 over 14MHz
- Gain: 4.5dB

M474 00241386

27MHZ

61CM CB AERIAL - POLAR

- Heavy duty fibre glass core with thick matt black shrink sleeving, designed to resist abrasion and cuts
- Standard 5/16", 26 TPI female thread
- Length: 24" 610mm

599CB 00361265

27MHZ RUBBER DUCKY - MOBILE ONE

- Low Profile Only 320mm Long
- Low SWR (best on a gutter mount)
- Made In Australia
- Type: 1/4 Wave Helical
- Length: 320mm
- Weight: 80g
- Tuning: Cut To Tune
- Frequency: 27MHz
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: 5/16" x 26TPI Female
- Pattern: Omni Directional
- Application: Mobile - Gutter Mount
- VSWR: 1.5 to 1 over 50kHz

RDRM 00361901

477MHZ 3DB GAIN HAND - MOBILE ONE

- Lightweight Flexible Nylon
- BNC Mount
- Ground Independent
- Full 1/2 Wave with 3dBi Gain
- Available With TNC Connector
- Type: 1/2 Wave Hand Held
- Length: 320mm ■ Weight: 33g
- Frequency: 477MHz
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: BNC
- Pattern: Omni Directional
- Application: Hand Portable
- Vswr: <1.5 to 1 over 10MHz
- Gain: 3dB

BNCHW 00241360

477MHZ HIGH GAIN 6DB - MOBILE ONE

- Strong Flexible Co-linear Fibreglass
- Low SWR (no tuning required)
- Type: Fibreglass
- Length: 1200mm
- Weight: 236g
- Tuning: Factory Preset
- Frequency: 477MHz
- Impedance: 50 Ohm
- Max Power: 1400 Watts
- Termination: 5/16" x 26TPI - Female
- Pattern: Omni Directional
- Application: Mobile or Base
- Vswr: <1.5 to 1 over 17MHz
- Gain: Maximum 6dB

M476 00241394

27MHZ FLEXIBLE MOBILE - MOBILE ONE

- All Stainless Steel & Brass Design
- Low SWR
- Lightweight & Flexible
- Type: 1/4 Wave Helical Monopole
- Length: 945mm
- Weight: 61g
- Tuning: Cut to Tune
- Frequency: 27MHz
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: 5/16" x 26TPI
- Pattern: Omni Directional
- Application: Mobile
- Vswr: 1.5 to 1 over 330kHz

DX136FW 00361301

VHF

UNIVERSAL VHF ~ UHF - MOBILE ONE

- 1/4 Wave Stainless Steel
- Tuneable: 110MHz-520MHz
- High Power Rating
- 3.6m Cable Length with PL259 and UHF Base
- Made In Australia
- Length: 630mm
- Tuning: Cut to Tune
- Impedance: 50 Ohms
- Pattern: Omni Directional
- Application: Mobile or Base

SWP1 00280930

SCANNING

BROADBAND SCANNER

- Fibreglass Scanner Antenna
- Broadband Coverage 25MHz to 1.3gHz
- Gain of Better Than 5dB on UHF
- Made In Australia
- Type: VHF ~ UHF Co-linear
- Length: 700mm ■ Weight: 59g
- Tuning: Factory Preset
- Frequency: 25 ~ 1300MHz
- Impedance: 50 Ohms
- Termination: 5/16" x 26TPI - Female
- Pattern: Omni Directional
- Application: Roof or Gutter Mount

SCANTENNA **00401801**

HIGH PERFORMANCE SCANNER ANT.

- Broadband Coverage 25MHz to 1.3gHz
- Gain of Better Than 5dB on UHF
- Made In Australia
- Type: UHF Co-linear, VHF & HF Helical
- Length: 1050mm
- Weight: 127g
- Tuning: Factory Preset
- Frequency: 25 ~ 1300MHz
- Impedance: 50 Ohms
- Termination: 5/16" x 26TPI Female
- Pattern: Omni Directional
- Application: Base Station or Mobile

Gain: Approx 5dB on UHF

SCATX **00401812**

MULTI BAND SCANNER

- Multi Band Scanner Base Antenna For The VHF, UHF & SHF Bands
- Broadband Coverage 25MHz to 1.3gHz
- Weather Resistant
- For Base Or Portable
- Made In Australia
- Type: Multi Element Dipole
- Length: 1200mm
- Weight: 620g
- Frequency: 25 ~ 1300MHz
- Impedance: 50 Ohms
- Termination: BNC Male Connector
- Pattern: Omni Directional
- Application: Indoor, Outdoor or Portable

SCBASE **00401912**

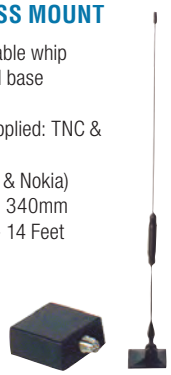
SCANNER AERIAL

- TX/RX antenna with very good VSWR performance
- Covers: 60 -1000 MHz
- Diameter: 980mm TX up to 250Watts.
- Height: 1020mm
- U bolt mast mounting

864SC **00402001**

CELLULAR

DIGITAL GLASS MOUNT



- 300mm removable whip
- Self stick swivel base with coax cable
- Crimp plugs supplied: TNC & Sub min FME* (*suits Ericsson & Nokia)
- Radiator length: 340mm
- Cable: RG58U - 14 Feet

AOG3DBD **00421608**

GSM & 3G CELLULAR

- High Gain On GSM 6.5dBi & 3G 4.5dBi
- Strong Fibreglass Radome
- Special Low Loss Cable and FME Termination
- 3.6m Cable Length
- Type: Ground Independent
- Length: 950mm ■ Weight: 320g
- Tuning: Factory Preset
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: FME
- Pattern: Omni Directional
- Application: Mobile
- Gain GSM: 6.5dBi
- Gain 3G: 4.5dBi

MAXIGSMB **00421806**

GSM & 3G CELLULAR

- For GSM and 3G Networks
- Strong Fibreglass Radome
- Easy Installation (No Tuning)
- 3.6m Cable Length
- Type: Ground Independent
- Length: 950mm
- Weight: 320g
- Tuning: Factory Preset
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: FME
- Pattern: Omni Directional
- Application: Mobile
- Gain GSM: 6.5dBi
- Gain 3G: 4.5dBi

MAXIGSMW **00421808**

CDMA NEXTG 3G & GSM

- Strong Fibreglass Radome
- Easy Installation (No Tuning)
- 3.6m Cable Length
- Type: Ground Independent
- Length: 950mm
- Weight: 320g
- Tuning: Factory Preset
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: FME
- Pattern: Omni Directional
- Application: Mobile
- Gain CDMA: 6.5dBi
- Gain NEXT G™: 6.5dBi
- Gain 3G: 4.5dBi
- Gain GSM: 3dBi

MAXICDMAB **00421810**

CDMA NEXTG 3G & GSM

- Gain Cellular Antenna
- Strong Fibreglass Radome
- 3.6m Cable Length
- Type: Ground Independent
- Length: 950mm
- Weight: 320g
- Tuning: Factory Preset
- Impedance: 50 Ohms
- Max Power: 25 Watts
- Termination: FME
- Pattern: Omni Directional
- Application: Mobile
- Gain CDMA: 6.5dBi
- Gain NEXT G™: 6.5dBi
- Gain 3G: 4.5dBi
- Gain GSM: 3dBi

MAXICDMAW **00421812**

TV ANTENNAS

Radio Parts is a proud supplier of quality TV antennas from Australia's biggest manufacturers. Our range includes UHF, VHF, combos, FM, indoor, caravan antennas and satellite dishes. See our TV Hardware category for everything you need for installation.

UHF/VHF COMBO

UHF / VHF METRO ANTENNAS - HILLS

- A compact antenna designed for prime signal locations
- HD Elements/ Galv. Steel boom
- F Type connector/ P.C Board Balun
- VHF channels 2-12 - UHF 28-40
- Suitable for Melbourne, Sydney, Brisbane, Adelaide and Perth
- Forward Gain VHF:4-9
- Forward Gain UHF:9-11Fwd/Back Ratio VHF:10-14
- Fwd/Back Ratio VHF:11.5-15

NOTE: Economy Version with single element reflector, ferrite balun and non-powder coated beam

Optimax 100 PLUS
OMX100P **00720350**

Optimax 100 Economy
OMX100 **00720351**

UHF-VHF ANTENNA - HILLS

- A specialised antenna for use where VHF channels 2-12 and UHF 28-50 are broadcast, for example Hobart
- HD Elements/ Galv. Steel boom
- F Type connector/ P.C Board Balun
- Forward Gain VHF:3-9
- Forward Gain UHF:9-15
- Fwd/Back Ratio VHF:10-15
- Fwd/Back Ratio VHF:15-19

OMX300 **00720354**

VHF-UHF ANTENNA - HILLS

- Suitable for analogue/digital signal
- Suitable for inner fringe areas
- VHF channels 2 to 12
- UHF Channels 28 to 40
- Designed with F type connection and PC Balun
- Trigonal reflector
- Extra strong construction with powder coated steel boom &heavy gauge seamless elements
- Gain:VHF: 5-10dB UHF:10-13dB
- F-B Ratio:VHF:10-14dB UHF:10.5-15dB
- VSWR:VHF 2:1- UHF 1.6:1

OMX400P **00720387**

DIGITAL VHF/UHF - HILLS

This is the latest combined VHF/ UHF antenna designed for digital TV reception. It is designed for VHF channels 2-12 and UHF channels 28-40, both digital and analogue signals in inner fringe locations, for example Sydney, Brisbane, Melbourne, Adelaide and Perth.

- 1/2 inch extruded aluminium elements, providing a heavy duty construction to withstand harsh weather conditions and wildlife.
- Solid rivet construction for durability
- F-Type connection for better shielding and a more reliable connection
- Maximum Gain - 10dB VHF and 13dB UHF

OMX450 **00720391**

PLUS VHF-UHF ANTENNA - HILLS

- Suitable for analogue/digital signals
- Designed for improved gain in fringe areas
- VHF channels 2 to 12
- UHF Channels 28 to 40
- Designed with F type connection and PC Balun
- Trigonal reflector
- Extra strong construction with powder coated steel boom and heavy gauge seamless elements
- Gain: VHF: 6-11dB UHF:12.5-13.5dB
- F-B Ratio:VHF:10-15dB UHF:15-19dB
- VSWR:VHF 2:1- UHF 1.6:1

OMX550 **00720400**

VHF-UHF ANTENNA - HILLS

- Galvanised steel boom
- Clam shell insulators
- 1/2 inch extruded aluminium elements provide a heavy duty construction to withstand harsh weather conditions and wildlife.
- Solid rivet construction for durability
- F Type connectors
- Extra UHF elements
- Ultrasonically sealed balun housing
- Improved trigonal reflector
- VHF channels 2-12 - UHF 28-40
- Forward Gain VHF:6-11
- Forward Gain UHF:13.5-15
- Fwd/Back Ratio VHF:10-15
- Fwd/Back Ratio VHF:15-19

OMX650+ **00720410**

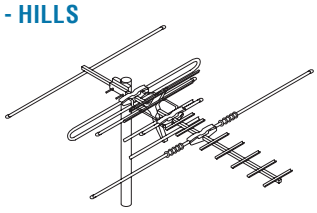
UHF-VHF ANTENNA - HILLS

Spectramax UHF/VHF Combination antenna

- For VHF channels 6-12 inclusive (4 elements)
- UHF channels 28-69 (10 elements)
- For prime signal areas
- Forward gain:6-8dB VHF 8-13dB UHF
- Front to back ratio:14-19dB VHF, 11-17dB UHF
- Features double sided UHF elements and Trigonal reflector to improve performance
- F Type connectors enable better shielding and more reliable connection

SMX14WB **00727007**

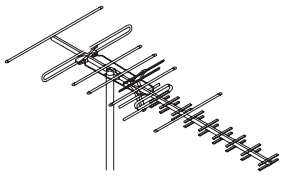
VHF/ UHF COMBO ANTENNA - HILLS



- For Ballarat, Gippsland, Launceston, SW & W NSW
- 4 Element VHF Ch. 6 - 12
- The UHF section is a 10 element antenna with optimum performance on channels
- VHF Channels 6-12
- UHF Channels 28-50
- 75 ohm coax connection
- Forward gain: 6-8dB VHF, 8-13dB UHF
- Front to back ratio: 14-19dB VHF, 11-17dB UHF

SMX14B4P **00727008**

SPECTRAMAX DIGITAL ANTENNA - HILLS



- Digital & Analogue compatibility
- VHF Ch: 6-12 UHF Ch: 28-50
- Gain (dB): VHF: 7-9 UHF: 8-16
- F-B Ratio (dB): VHF: 14-17 UHF: 14 - 18

SMX24B4P **00727009**

VHF/ UHF COMBO ANTENNA - HILLS

- Double sided UHF elements and Trigonal reflector to improve performance.
- VHF Ch: 6-12 UHF Ch: 28-69
- Gain (dB): VHF: 7-9 UHF: 8-16
- F-B Ratio (dB): VHF: 14-17 UHF: 14 - 18

SMX24WB **00727012**

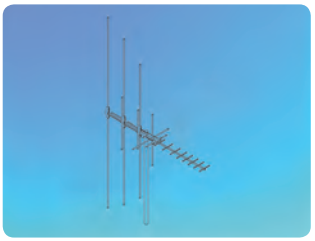
SEEKER AERIAL - HILLS

Designed for regions where UHF and VHF channels are in alternate polarities. (VHF vertically/ UHF is horizontally) Aluminium boom with unique dual rear section for extra strength

- Clam shell insulators
- ½" extruded aluminium elements
- F Type connectors

UV13 **00727005**

SEEKER AERIAL - HILLS



- For Bendigo, Swanhill (Vic) and Mt Conobolis (NSW)
- Receives VHF Channel 1 & 6 to 11.
- The UHF section is a 10 element antenna with optimum performance on channels 28 to 47 inclusive

UV16C **00727010**

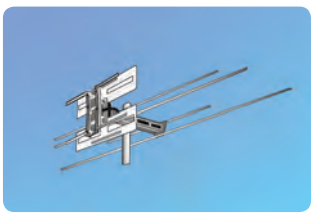
CROSS POLARISED AERIAL - HILLS

Designed with dual rear aluminium square boom. A folded dipole with PCB balun in weather proof housing.

- For use where VHF is vertical and UHF is horizontal
- For Bendigo, Swanhill (Vic) and Mt Conobolis (NSW)
- Receives VHF Channel 1 & 6 to 11
- The UHF section is a 10 element antenna with optimum performance on channels 28 to 47 inclusive
- 75 ohm coax connection

UV19WB **00727015**

VHF/UHF & AMP - PHASELINK



- UHF & VHF antenna on a common boom with diplexer and balun on board, no loss between sections
- Either section of the antenna can be rotated into vertical or horizontal polarity, or they can be separated to face in different directions
- UHF + VHF 1-11 30dB with Booster

PL30-111 **00727258**

UHF/VHF DIGITAL AERIAL - MATCHMASTER

- 13 Element antenna with 'F" type balun fitted
- Robust construction with heavy gauge seamless aluminium elements designed to withstand rugged conditions
- Gain: B1- 4.5dB / B2-4dB / B3-6dB / UHF-11.5dB
- Front to Back Ratio: B1-13dB / B2-13dB / B3-18DB / UHF-24dB
- Channels: VHF-2 to12 plus FM / UHF-28 to 35
- Weight: 4.79kg

MD13P **00727301**

VHF/UHF DIGITAL ANTENNA - DOSS

- The most popular economy antenna with Ferrite F-type balun
- No sharp edges
- 12mm extruded elements
- UV Stabilized Plastics
- Channels 2~12 and 28~36 Analog and Digital Ready

DDA150 **00727305**

VHF/UHF DIGITAL ANTENNA - DOSS

High performance inner-fringe antenna

- F-Type ferrite balun
- 12mm extruded elements
- UV Stabilized Plastics
- Snap out reflector for easier assembly
- Channels 2~12/ 28~40
- VHF/ UHF Gain: 10dB/ 13dB
- Front to Back Ratio: >15dB on UHF/ >12dB VHF

DDA350 **00727315**

VHF/UHF DIGITAL ANTENNA - DOSS

Solid-built, high quality, premium VHF/ UHF Antenna ideal for digital broadcast reception

- F-type PCB high performance balun
- UV stabilised plastics
- 12mm extruded aluminium boom
- Snap-out reflections
- Ideal for outer-metropolitan areas
- VHF/ UHF: 2-12/ 28-40
- Back to Front Ratio: >14 dB
- Front to Back Ratio: >12 dB

CD40 **00727302**

UHF

UHF AERIAL - HILLS

- UHF channels 21 - 69
- High gain, excellent front-to-back ratio
- For vertical & horizontal polarization
- 10 Tilt facility in horizontal mode
- Forward Gain:11.4-14.4dB
- Front to Back ratio:17-19dB
- Balun included ■ Impedance: 75

HUNTER **00720483**

UHF ANTENNA - HILLS

- UHF phased array antenna with integrated director
- Digital & Analog Compatible
- Channels: 21 - 69 UHF
- Optimized wide band PCB balun
- Sealed housing with integral F connector
- Robust construction
- Quick horizontal or vertical mounting

ULTIMAX36	00720486

CH21-69 UHF AERIAL - HILLS

- Compact robust 9 element design, easy to assemble, built to the highest electrical standards
- Inner fringe model
- Balun included
- Forward Gain: 8-13dB
- F/B ratio:17-20dB
- Impedance: 75

TMX16WB	00720664

CH21-35 UHF AERIAL - HILLS

- Hills TMX18B4 & TMX18B5 Band 4 & Band 5
- Antennas are compact robust 11 element design
- Easy to assemble, built to the highest electrical standards
- Band 4 UHF Channels: 28~35
- Band 5 UHF Channels: 36~69
- Fringe signal model
- Balun included
- Forward Gain: 12.5-15dB
- F/B ratio: 15-24dB
- Impedance: 75Ω

TMX18B4	00720678	Band 4
TMX18B5	00720682	Band 5

CH21-50 UHF AERIAL - HILLS

Digital ready UHF TV antenna Medium Gain designed for Channels 21 to 50

- Printed Circuit Board baluns to provide optimal impedance matching and mechanical characteristics.
- F Type connectors
- Unique cross shaped double elements Provides higher gain in a more compact antenna
- UV stable plastics
- Simple assembly
- Compact neat and unobtrusive design

TMX20B4P	00720690

CH28-69 DIGITAL UHF AERIAL - HILLS

- Compact, robust 18 element design
- Easy to assemble
- Built to the highest electrical standards
- Wideband UHF Channels: 28~69
- Fringe signal model
- Balun included
- Forward Gain: 10-17dB
- F/B ratio:15-22dB
- Impedance: 75

Note: Shown with optional FB603836 centre support brace

TMX34WB	00720720

CH21-69 UHF AERIAL - HILLS

- Compact robust design, easy to assemble, built to the highest electrical standards
- 18 Unique cross shaped double elements for extra strength
- Super Fringe signal model
- Digital and Analogue compatible
- Suits Channels 28-69
- F type connection for better shielding and more reliable connection
- Forward Gain:10-17dB
- Front to Back ratio:15-22dB
- Impedance: 75 Ohm

Note: Centre Brace is Included

SFX91WB	00720800

CH28-42 UHF AERIAL - HILLS

- High gain Band 4 Plus model
- Ch 28-50
- Designed for poor reception areas
- Quad-X design for extra signal strength
- Pre-assembled in carton
- Mesh screen reflector
- Exceptional anti-ghost qualities
- Forward Gain: 13-18dB
- F/B ratio:19-22dB
- Balun included ■ Impedance: 75Ω

SF91B4P	00720812

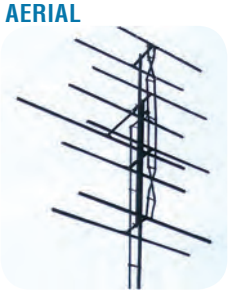
UHF DIGITAL ANTENNA - `DIGITEK

- High gain for multiple outlets
- Complete with elevation bracket
- Can be rear or centre mounted either vertically or horizontally
- Snap out reflector for easier assembly
- PCB Balun ■ No sharp edges
- 12mm extruded elements
- Channels 28~69
- Forward Gain: 14.5dB
- Front to Back Ratio: >20dB

DAU20	00727310

VHF

VHF P/A AERIAL - HILLS



- Channels 6 to 11 High gain 16 element aerial
- Can be mounted horizontally, vertically or stacked
- Ribbon cable connection 300
- Forward gain 10.5-12.5 dB
- Front to back ratio: 11-16dB

CA16	00643400

GAIN LIFT FOR CA16 - HILLS

- Gain lifter kit can be added to improve Ch2 reception
- Forward gain 6.3 dB
- Front to back ratio: 16dB

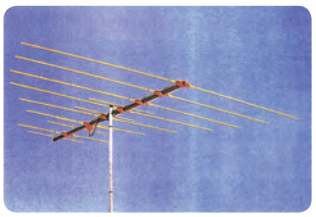
16CH2	00643472

7 ELEMENT ANTI-GHOST ANTENNA - HILLS

- Deluxe wide band VHF antenna suitable for all VHF channels 1-11 & FM
- Good directional properties coupled with superior anti-ghost design
- Ellipsoidal anodised boom-anodised elements and EFC Low-loss 75 balun. VHF Ch. 1-11
- Popular choice for exceptional frontal and rear anti-ghost properties where a combination aerial is not suitable
- Forward Gain: 2-4dB
- Front to back ratio: 9-14 dB
- 75 coax connection

EFC2	00643616

DIGITAL 12 ELEMENT FRINGE ANTENNA - HILLS



- Engineered for Digital VHF Wideband Antenna Reinforced for fringe & inner fringe reception
- For areas where more directivity is required
- VHF Ch: 2-12
- 75Ω F type coax connection
- Forward gain 1-11dB
- F/B ratio: 14-17dB

DL3	00643725

DIGITAL READY COMBO ANTENNAS CH: 6 - 12 - HILLS

- Digital and analogue compatibility
- F Type connectors for better shielding and more reliable connections
- Rectangular galvanised steel boom construction provides element alignment
- Powder coated boom for longer life and improved aesthetics
- UV stable plastics for durability under harsh Australian conditions
- Australian designed and manufactured
- Suitable for reception of horizontal or vertical polarised transmissions

DY6-612	00681262	6 element
DY14	00681268	14 element

FM

VHF FM AERIAL - HILLS

- Y3/FM With Balum ■ VHF Regional Antenna
- VHF channels FM, 3, 4 & 5 ■ 3 Elements
- Prime Signal Antenna ■ Forward gain 5dB
- Front to back ratio 15dB

Y3FM	00442056

FM TRAP FILTER - HILLS

In line trap connects to aerial socket on TV set and filters out unwanted FM interference

BC44264	00769010

INDOOR

RABBIT EARS INDOOR ANTENNA

- Twin Telescopic rods with swivel in plastic base
- Direct replacement for antennas on many TV sets

C216	00604515

UHF / VHF INDOOR AERIAL - DOSS

- Suitable for all channels
- UHF and VHF sections can be adjusted up/down or rotated for best reception
- Complete with 75 ohm coaxial lead & plug

IA313	00605015

UHF/VHF/FM INDOOR AERIAL

- Adjustable Telescopic Rods
- Attenuator and fine tuning pot
- 75Ω coaxial cable and PAL plug
- Rubber suction feet for greater stability

FMA78	00605018

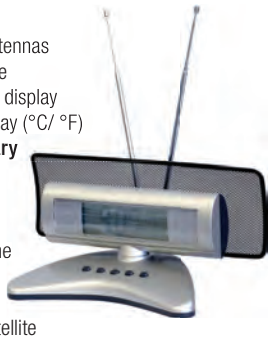
AMPLIFIED TV/FM ANTENNA - DOSS

Designed to receive standard TV and FM radio signals. Generally these antennas work best when they are within a 50KM radius of a transmitting tower

- 0-30dB Signal Gain ■ Gain Control Dial
- 88-108mHZ FM ■ Ch: 1-69 Bandwith

SV9100	00605020

DIGITAL INDOOR ANTENNA WITH CLOCK - DOSS



- 38" telescopic antennas
- 160° rotating base
- Back light on LCD display
- Temperature display (°C/ °F)
- **Antenna/ Auxiliary Switch** with the press of a button you can switch between the antenna or an external signal - such as cable, satellite or video game system
- Gold plated F connectors
- 2 x "AA" batteries (not inc.) or 9V 100mA AC power

DIAC3	00605050

CARAVAN - MARINE

UFO BOAT & CARAVAN ANTENNA - ARLEC

Suitable for caravans, boats, mobile homes.

- Omni-directional ■ Built-in Amplifier
- Suitable for VHF and UHF
- Rugged weatherproof construction
- Frequency Coverage: 50-860 MHz
- Gain with Amplifier: 22 dB UHF, 24 dB VHF
- 6 metre coaxial cable with connections fitted

UFO2070	00727140

DUAL TV ANTENNA SYSTEM - GME

- See page C-10 for the AE341T true diversity marine antenna

AE341T	00243411

UHF/VHF COMBO CARAVAN ANTENNA - PHASELINK

- Inbuilt diplexer and integrated balun
- Horizontal or vertical mount
- SEC grade polypropylene
- Active- amplified model includes ELV12 power pack
- Gain: 470-860mHz 30dB 1.5dB
- Bands IV&V
- Directivity 22-44dB

PL30D	00727060

UHF/VHF COMBO CARAVAN ANTENNA - PHASELINK

- Designed specifically for mobile applications
- This Australian made kit comes complete with power booster, power injector and 24/12v plug pack
- Covers channels 6 ~ 69
- Built in signal booster is engineered for touring caravanners and provide deep fringe performances on all VHF and UHF channels
- Two telescopic dipoles ■ Built-in amplifier

RV30	00727155

SATELLITE

65CM SATELLITE DISH KU BAND

- Satellite Dish KU Band ■ 65cm
- Supplied with hardware
- Grey colour, powder coated
- One LMBF support arm

19AA65	01001045

73CM SATELLITE DISH

- Round: 73cm Satellite Dish
- Supplied with hardware
- Grey Colour, powder coated
- One LMBF support arm

HSD73	01001040

TV ANTENNA ACCESSORIES

MASTHEAD AMPS

UHF/VHF MASTHEAD - HILLS

- (116dBuv on 1 Channel, 100 dBuV on 20 Channels
- Good impedance matching (RTR/V SWR)
- Built in filter rejects FM (Band II) signals
- Lightning & static protection built in
- Filter rejects cellular phone interference
- Wideband, Amplifies both VHF and UHF
- Gain: VHF 25dB/ UHF 32dB

Amplifier only		
A2A	00760086	
Amplifier including power supply		
A2A-PSU4P	00760093	
15.5V "A" Series Power Supply		
PSU2C	00760204	

UHF MASTHEAD AMPLIFIER - HILLS

- For weak signal areas that require boosting
- Very low noise: VHF < 2 dB, UHF < 2.5 dB
- High gain on required channel group : 32dB
- High output capacity (116dBuv on 1 Channel, 100 dBuV on 20 Channels)
- Good impedance matching (RTR/V SWR)
- Built in filter rejects FM Band II
- Lightning & static protection built in
- Filter rejects cellular phone interference
- Gold plated internal links to ensure reliable contact
- UHF Only 470-820MHz Use with UHF antenna only
- Gain: UHF 32dB
- Requires PSU2C power supply

AUA	00760088	Amp only

UHF AMPLIFIER VHF PASS

Same features as AUA but with amplify UHF pass VHF, use with separate or combined VHF/UHF antenna

- Gain: UHF-30dB/ VHF-3dB
- Requires PSU2C power supply

AUPV	00760092	Amp only

DIGITAL MASTHEAD AMPLIFIER - HILLS

Provides "Digital Compatible" Masthead Amplification of broadband television signals

- F-Type Connections
- Frequency Response:
  Band 1: 45 - 75 MHz I 18 dB
  FM Band: 88 - 108 MHz I 0 dB
  Band 3: 174 - 230 MHz I 21 dB
  Band 4 & 5: 520 - 820 MHz I 24 db
- Notch Filters: Pager 148 MHz I Cellular >900 MHz
- Maximum Input/ Output: 78/ 104 dBµV
- Noise Figure: <3.0 dB ■ Hum Rejection: >110 dB
- Includes power supply/ injector (PSU4P)

LNDA-PSU4P	00769011	Inc. power pack

UHF/VHF 'F' TYPE MASTHEAD AMPLIFIER - HILLS

Designed specifically to provide versatile amplification of broadband television signals. The amplifier comprises of two separate RF circuits, one for each band VHF and UHF. For each band there are two-amplifier stages, a low-power low-noise preamplifier, followed by a more powerful stage

- Switchable Gains
- Gain Controls ■ Improved Noise Figure
- Die-Cast Housing ■ 1 or 2 inputs
- Power On Indication
- Pager/ Cellular/ FM Filters
- Earth Point Attachment
- Weather Proof Case

MHQAMP	00760150	Amp only

MULTIPURPOSE MASTHEAD SHIELDED AMPLIFIERS - KINGRAY

- Amplifiers are based on a new concept of convergent technology. The characteristics of the IC selected provided a noise figure that is lower than any other product currently on the market and an output figure that surpasses most distribution amplifiers
- The MDA is a multipurpose amplifier that is ideal for our digital and analogue environment. Whether the unit is used as a Masthead of Distribution Amplifier the low noise figure, capacity for multiple channels with low distortion and a high output provides a solution to all installation and is proven especially effective in digital problem reception areas
- **All models include PSK06 power supply**

VHF/UHF (174-860 MHZ)

MDA20H	00760450	Inc. power pack

VHF/UHF (44-860MHZ)

MDA20L	00760455	Inc. power pack

UHF ONLY (470-860MHZ)

MDA20U	00760460	Inc. power pack

UHF MASTHEAD AMPLIFIER VHF DIPLEXER - KINGRAY

The MHU24G is a low noise masthead amplifier designed to amplify UHF television signals by up to 24dB and diplex VHF signals with no gain via separate UHF/VHF aerials

- A UHF gain control allows up to 10dB variance of UHF amplification
- Frequency Range UHF: 470 - 860 MHz
- Nominal Gain UHF Min/Max: 14/24dB
- Output level, UHF, 1dB Compression: 120dBuv
- Noise figure UHF at Min/Max. Gain: 4/ 2.5dB Typ
- Frequency Range VHF: 44 - 230MHZ
- Gain at VHF: -0.75dB Typ
- Operating Voltage, Nominal: 17.5V AC or 14VDC
- MHU24GP includes PSK08 power supply PSK08

MHU24GEP	00760810	Inc. PSK08
MHU24GPE	00760811	Amp only

UHF/VHF MASTHEAD AMPLIFIER - KINGRAY

- Single input for combination VHF/UHF antenna
- VHF low band tilt control ■ 24dB gain
- VHF Variable gain: 4 ~ 18dB ■ UHF Flat
- MHW24GP includes PSK08 Power Supply

MHW24GEP	00760812	Inc. PSK08
MHW24GE	00760813	Amp only

UHF/ VHF MASTHEAD AMPLIFIERS - KINGRAY

Low noise masthead amplifiers

- Variable Gain: UHF 24 ~ 34dB/ VHF 18 ~ 28dB
- Power through option (B link)
- Max output 2 ch 109dBuV ■ Noise figure: 3dB
- Inputs 2 x 75 ohm

UHF 28~69dB (includes PSK08)		
MHU34GP	00760816	
UHF 24~34dB VHF 18~28dB (includes PSK08)		
MHW34GP	00760817	
Same as above, but in blister pack		
MHW34GDP	00760818	
UHF 24~34dB		
MHU34G	00760868	Amp only
UHF 24~34dB, VHF 18~28dB		
MHW34G	00760879	Amp only

UHF MASTHEAD AMPLIFIER - KINGRAY

The MHU44G Amplifier has a 10dB Midstage gain control to vary the gain of UHF channels (28-69) between 34dB & 44dB
The Power Pass Link allows power to pass from the output port to the U/V input port for an additional masthead amplifier if required

- Variable Gain: 520~860MHz - 34-44dB
- Voltage Range: 17.5V AC/12-14V DC
- Current: 100mA ■ PSK08 P/Supply not Supplied

MHU44G	00769012	Amp only

KINGRAY F-TYPE UHF/VHF MASTHEAD AMPLIFIERS

ECONOMY F-TYPE UHF/VHF MASTHEAD AMPLIFIER - KINGRAY

Non-shielded F type Masthead Amplifier

- Max Gain: VHF: 22 - 24 dB UHF: 24 dB
- Noise Figure: VHF: <2 dB UHF: <2.5 dB
- Power Supply not included
- Output Figure: 105 dB

MHW24FE	00760824	Amp only

F-TYPE VHF/UHF MASTHEAD AMPLIFIERS - KINGRAY

Low noise F type masthead amplifier for VHF & UHF

- Variable Gain
- UHF: 24 ~ 34dB ■ VHF: 18 ~ 28dB
- Noise figure: 3dB ■ Inputs 2 x 75 ohm

MHW34FP	00760819	Power Supply inc
MHW34F	00760820	Top only

F-TYPE VHF/ UHF SHIELDED MASTHEAD AMPLIFIER - KINGRAY

Fully shielded Low noise F type masthead amplifier for both the VHF & UHF TV bands

- Variable Gain
- UHF: 24 ~ 34dB ■ VHF: 18 ~ 28dB
- Noise figure: 3dB ■ Inputs 2 x 75 ohm

MHW34FSP	00760821	Power Supply inc
MHW34FS	00760822	Top only

NEW MODELS FOR 08

MHU42F: 42db High Gain UHF Masthead Amplifier
MHU42FS: 42db High Gain UHF Masthead Amplifier, Shielded

NEW MODELS FOR 08

MHW42F: 42db High Gain VHF/UHF Masthead Amplifier
MHW42FS: 42db High Gain UHF/ VHF Masthead Amplifier, Shielded

MASTHEAD AMPLIFIER - KINGRAY

A low noise masthead amplifier designed to amplify VHF channels 6-12 by 26-44dB
and UHF channels 28-69 by 0-10dB.

- Suitable power supplies:
  PSK08/F - 17.5 V AC, 100 mA
  PSK06/F - 14 V DC, 150 mA

MHV44HLG	00760881	Amp only

MASTHEAD BOX WITH STRAP - KINGRAY

- Hinged lid with locking screw
- Mast or wall Mounting
- Neoprene sealing strips
- Incl. 290mm fixing strap

MHBP	00760806

DISTRIBUTION AMPS

4 WAY DISTRIBUTION AMPLIFIER - KINGRAY

- Remote Powered Wide band 4 way Splitter Amplifier
- Ideal for duplex or flats with no common power
- VHF Equaliser Control ■ Multi-powering
- Balance VHF low band/ VHF high band and UHF signals for distribution ■ Power Pass: Inline application to power through to a masthead amplifier
- Weatherproof housing allows both indoor (screw to rafter or beam) or outdoor (strap to mast) mounting
- Optimized for both digital and analogue tv signal application ■ Frequency Range: 44 - 860 MHz
- Maximum Gain: VHF 12 dB/ UHF 16 dB
- Output Level: 99 dB DIN45004B/ -60 dBIM
- Noise Figure Typical: <3.5 dB
- Return Loss: >10 dB ■ Adjustable Gain Control: 14 dB @ 44 MHz/ 8 dB @ 860 MHz

SAM224	00760580	

32DB RF DISTRIBUTION AMPLIFIER

The DW32 is a Free-to-Air distribution amplifier for use in MATV multiple dwelling applications

- Single or combined VHF/ UHF inputs
- Separate VHF/UHF gain controls
- In-built slope ■ 30dB test point
- Local or remote powering options
- Frequency Range: 44-230 / 520-860 MHz
- Gain: 27dB - 32dB (Sloped) ■ Noise Figure: <5dB
- Output Level: 112dBuV DIN45004B @ (-60dB IMR)
- Return Loss: >10dB ■ Gain Control Range: 10dB VHF, 10dB UHF (mid stage)
- Supply Voltage: 12-18V FC (Supplied with PSK12s)
- Current Consumption: 140mA

DW32	00760602	Inc. power pack

42DB RF DISTRIBUTION AMPLIFIER - KINGRAY

The DW42 has been designed specifically for all digital Free To Air requirements utilising three separate midstage gain controls adjustable by 20dB each, using hybrid bipolar technology.

- 44-140MHz 35dB Maximum
- 174-300MHz 37.5dB Maximum
- 470-860MHz 40dB Maximum
- Separate inputs for VHF and UHF or combined
- Shielded construction ■ High output capability
- Surge diodes for storm & static protection

DW42	00760643

MINILINK DISTRIBUTION AMPLIFIER

- Output 1: Single output for maximum output level
- Output 2: 2 outputs allows via in-built splitter
- Incorporating a dual function SLOPE/GAIN control
- Gain control: 1x Out: 27dB , 2x Out: 21dB Gain
- Gain adjustment: Variable: 21 to 28dB
- In-built CB & Cellular phone filters

MINILINK25	00760061

HIGH GAIN DISTRIBUTION AMPLIFIER

- For use in small to medium sized projects
- Two inputs: VHF/UHF or combined
- Frequency: 45 to 860MHz
- Gain: VHF 33 dB, UHF:36dB (-10dB /-8dB Adjustable) ■ **Output level dBuV (2 Channels):** VHF 117/ UHF 115 | 6 Channels: VHF 110

MAXILINK35	00760065

18V DC 300MA POWER SUPPLY TO SUIT DW42

- PSK18S 18VDC 300mA with DC Locking Plug
- Suitable for powering the DW42
- Output Type: 1 x 2.5mm DC Plug
- Voltage: 240VAC to 18VDC
- Max Current: 300mA

PSK18S **00760755**

SPLITTER AMPS

2 WAY SPLITTER/POWER SUPPLY - HILLS

Low voltage supply to a remote amplifier via the coaxial cable
- Also provides an outlet to second TV
- 3 x PAL sockets plus AC double adaptor

PSU1 **00760202**

2 WAY SPLITTER AMPLIFIER - HILLS

Built in filter prevents FM radio interference, as well as minimising interference from cellular phones
- 75 type PAL coax sockets
- Frequency range: 40-70 & 174-860MHz FM & Pager rejection: 88-160MHz Gain to each outlet: 18dB RLR >10dB
- Max output: 94dB V (4 channels)

BA2-18 **00760082**

4 WAY 'F' TYPE SPLITTER AMPLIFIER - HILLS

- Amplify TV Signals 0-69
- 1 Input with 4 Outputs ■ 12dB Gain
- F type Connections
- Local & Remote Powering
- Power through to masthead amplifier

HTA104 **00760145**

2 WAY SPLITTER AMPLIFIER - KINGRAY

- 240V 50Hz 2.0A Mains supply
- 44-860MHz TV Signal Booster
- Gain: 18dB to two outlets
- Noise figure 6dB typical
- High Output: 8 channels 98 dBuv
- Australian Made and Approved
- PAL type sockets ■ LED Power Indicator
- SMD design ■ Electrical static protection
- Continually adjustable preset gain control from Min: Ch2 +4dB, Ch 10 + 8dB to Max: +10dB

SA162 **00760682**

2WAY 'F' TYPE SPLITTER AMP - KINGRAY

240V 50Hz 2.0A Mains supply
- 44-860MHz
- 18dB to two outlets
- Noise figure 6dB
- High Output: 8 channels 98 dBuv
- SMD design
- Electrical storm and static protection
- F type sockets
- Continually adjustable preset gain from Min: Ch2 +4dB, Ch 10 + 8dB to Max: +10dB

SA162F **00760683**

4 WAY SPLITTER AMPLIFIER - KINGRAY

240V 50Hz 2.0A Mains supply
- 44-860MHz ■ Gain: 14dB to four outlets
- Noise figure 6dB
- High Output: 8 channels 98 dBuv ■ SMD design
- Electrical storm and static protection
- Continually adjustable preset gain control from Min: Ch2 +4dB, Ch 10 + 8dB to Max: +10dB
- PAL type sockets ■ Fully adjustable gain control

SA164 **00760684**

4WAY 'F' TYPE SPLITTER AMP - KINGRAY

- 44-860MHz
- Gain: 14dB to 4 outlets
- Noise figure 6dB typical
- Output: 8 ch 98 dBuv
- SMD design
- Electrical storm and static protection
- F type sockets
- Continually adjustable preset gain control from Min: Ch2 +4dB, Ch 10 + 8dB to Max: +10dB

SA164F **00760688**

4WAY ANTENNA AMPLIFIER > F-TYPE/ SPLITTERS (INDOOR) - GME

44-860MHz TV Signal Boosters powered by PSK06 Mains adaptor via coaxial cable to power port on amp
- Noise figure 6dB typical ■ Output: 8 ch 98 dBuv
- 4 x Coaxial: "F" type outlets with 10dB Gain
- SMD design ■ Electrical storm and static protection
- PAL type sockets
- Continually adjustable preset gain control from Min: Ch2 +4dB, Ch 10 + 8dB to Max 10dB

SA164R **00760686**

SPLITTERS

HIGH QUALITY F-TYPE SPLITTERS - DOSS

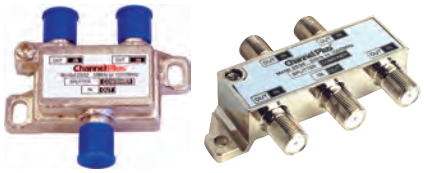
SP2F SP6F SP4F SP3F SP8F

High quality Satellite & Cable compatible 75 ohm splitters in Zinc diecast housing
- F-type connections designed to operate from 5MHz to 2.4 GHz permitting use in inter-active systems
- For both VHF and UHF frequencies
- Built in grounding block ■ All ports power pass

MHz (dB)	SP2F	SP3F	SP4F	SP6F	SP8F
Loss: 5-40	4.5	6.9	8	12	13.5
Loss: 40-1000	4.5	7	8.5	13.6	13.6
Loss: 1000-1750	5.5	8.5	9.8	14.7	16
Loss: 1750-2400	7.2	11	12.6	16.5	18
Isolation: 5-40	14	18	20	20	20
Isolation: 40-1000	20	21	22	22	20
Isolation: 1000-2400	20	22	21	21	22
Return Loss: 5-40	14	12	12	9	9
Return Loss: 40-1000	13	16	14	13	13
Return Loss: 1000-2050	15	14	13	13	13
Return Loss: 2050-2400	12	12	12	12	12

SP2F	**00845350**	2 Way
SP3F	**00845354**	3 Way
SP4F	**00845358**	4 Way
SP6F	**00845360**	6 Way
SP8F	**00845362**	8 Way

SPLITTER/ COMBINERS



Bi-directional 4-way splitter/combiners provide 1 GHz bandwidth ideal for antenna, coaxial cable operations. The splitter/combiner is one product that can be used for two applications, it can be used to split the signal from a source, or combine signals on one run
- Non Power pass
- In section Loss: 2 Way: 4.0 dB, 4 Way: 9.0dB

CP2532	**00842070**	2 Way
CP2534	**00842080**	4 Way

SADDLE & SCREW SPLITTERS - DOSS

2, 3 & 4 WAY 75 ohm coaxial splitter boxes
- Isolation: 25dB. 75 ohm coaxial cable input to 75 ohm cable outputs, saddle and screw terminating
- V.S.W.R.: 1.3 ■ Power Pass

EU222	00845128	2 Way
EU223	00845136	3 Way
EU224	00845144	4 Way

2 WAY SPLITTER - INDOOR - PRO2

- Right angle 2-Way 75 ohm coaxial splitter
- Commonly used in wall sockets for TV, Video or FM tuner output

EU275P	00845260

DIRECTIONAL TAPS

F-TYPE HIGH QUALITY DIRECTIONAL TAPS

High quality Zinc diecast housing "F" type. Directional taps designed to operate down to 5MHZ permitting use in inter-active systems
- For both VHF and UHF frequencies
- Impedance 75 ohm ■ Built in grounding block
- Power passing 24 VDC 1A (max)
- 1, 2 and 4 Way Types ■ Tap value: 10dB ~ 25dB

ST3115PP	00845403	1 Way	15dB
ST3120PP	00845406	1 Way	10dB
ST3210PP	00845409	2 Way	10dB
ST3225PP	00845415	2 Way	25dB
ST3415PP	00845421	4 Way	15dB
ST3420PP	00845424	4 Way	20dB

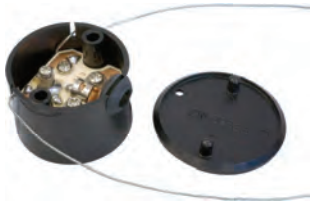
BALUNS & ATTENUATORS

ADJUSTABLE ATTENUATOR

- 0~20dB / 0~900MHz
- Shielded box with screw holes for panel mounting
- Easy to use control knob
- PAL plug/socket connections

AT20	00761352

UHF/ VHF TV BALUN - OUTDOOR



- Connects 75 ohm coaxial cable to 300 ohm terminals on the aerial with flexible wire leads
- Miniature case of UV stabilised plastic suitable for outdoor use
- Coax cable entry through rubber grommet

MHB2	00762990

MASTHEAD 'F' TYPE BALUN - OUTDOOR

Connects 75 Ohm coaxial cable through "F" Type connection to 300 Ohm terminals on aerial with insulated wire leads

BT3F	00763015

PAL SOCKET BALUN - INDOOR

Matching transformer with 75 ohm coaxial socket input and 300 ohm ribbon cable with spade terminal output ■ 75 to 300 Ohm

EU276A	00763048

SCREW BALUN 300 OHM TO 75 OHM

Plugs directly into 75 ohm input socket of TV set, screw terminal
- 300 ohm ribbon input
- 300 ohm to 75 ohm PAL output

EU287	00763088

AMP POWER PACKS

'F' LINE POWER INSERTER - KINGRAY

Suitable for powering amplifiers via the coaxial cable
- F-socket to Amplifier
- F-socket to Television
- DC socket to Power Pack
- Maximum 30VAC/DC
- Locknut on F Socket for fixing PIK01 to wall plate

PIK01	00760720

POWER PACKS WITH PAL INJECTOR - KINGRAY

Positor protected, removal of short allows reset and normal operation.
- Output 1 x 75 PAL Injector

PSK01
- Max Current: 200mA
- Voltage: 240VAC to 9VDC

PSK02
- Max Current: 100mA
- Voltage: 240VAC to 17.5VAC

PSK01	00760730	9V DC PAL
PSK02	00760735	22V AC PAL

22V 0.15A PAL POWER PACK - KINGRAY

Suitable for powering Masthead TV amplifiers via the coaxial cable. POSITOR PROTECTED. 75 ohm PAL injector with 1.8 metre lead
- Input: 240VAC
- Output: 22V AC. Rated at: 150mA

PS22	00760736

17.5V 0.1A PAL POWER PACK - KINGRAY

Positor protected, removal of short allows
- reset and normal operation.
- Output Type: 1 x 75 PAL Injector
- Volt age: 240VAC to 17.5VAC
- Max Current: 100mA

PSK08	00760750

17-5V AC 0.1A 'F' TYPE POWER PACK - KINGRAY

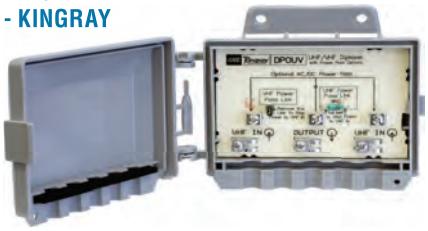
Positor protected, removal of short allows reset and normal operation.
- Output Type: 1 x 75 "F" Injector
- Volt age: 240V to 17.5VAC
- Max Current: 100mA

PSK08F	00760752

C

DIPLEXER & TRIPLEXERS

UHF/VHF DIPLEXER - KINGRAY



Combines the UHF and VHF to one single signal
- Insertion Loss: typically <1dB VHF/UHF
- Rejection: UHF Input - 50dB VHF
- VHF Input - 35dB UHF
- AC Pass on VHF Input
- Unique SMD Design/Printed Coils

DPOUV	00763335

UHF/VHF DIPLEXER - HILLS

A mast mounting UV resistant Diplexer combines the incoming signals from a UHF aerial & a VHF aerial. The combined signal is fed by a single coaxial cable to the TV set
- Power pass
- Input: UHF -75 ohm, VHF - 75 ohm
- Output: UHF/ VHF - 75 ohm

DPUV	00763344

TRIPLEXER 'F' TYPE - KINGRAY

- Consists of three 'all-in-one' tight and pass filters to pass our standard television bands which have low insertion loss
- Eliminates all unwanted signals that can interfere with both analogue and digital signals
- Fully shielded die-cast housing that can be bracket mounted in front of a distribution amplifier, or left in its plastic housing to be installed outdoors in front of a masthead amplifier
- Also doubles up as a diplexer or triplexer depending on how the switches are configured

FL3BPMH	00763347

SATELLITE ACCESSORIES

SATELLITE LNB 11.3GHZ KU BAND - STRONG

Low Noise Blocker supporting a wide range of satellites such as Optus B3, Optus CI, Optus Bi and many more.
- Input: 12.25~12.75 GHz
- Output: 950~1450MHz
- L.O.: 11.30 GHz

NEW

19BSRTL721	01002024

SATELLITE LNB F OPTUS DUAL POLARITY SINGLE OUTPUT

NEW

Low phase noise, improved noise figure, excellent local oscillator stability, high isolation 13/18 V horizontal / vertical switch
- Optus frequency range R48
- Local Osc. Frequency: 10.7 GHz
- Input Frequency Range: 11.7-12.75GHz
- Output Frequency Range: 1,000-2,150 MHz
- Noise Figure: 0.7 dB(Typ.) ■ F/D Ratio: 0.6
- Cross Polarity Isolation: 22 dB(Min.) 28 dB(Typical)

KFM21	01002022

FTA SAT DIPLEXER FITTING [FOR CLIPSAL WALL PLATE]

NEW

- Combines TV signal with satellite signal
- Suits Clipsal wall plates

07CDWC	01005000

2 WAY DISEQC SWITCH

19CDS

19CDS4

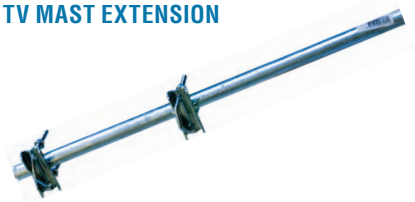
DISEQC switches are used for communication between a satellite receiver and a rotator.
- Frequency Range: 950Mhz-2400Mhz
- Ports Type: 75ohm F type female
- Insertion Loss: <=3dB(Typ)
- Port Isolation: >25dB
- Control Signal: Position+Option
- Current Consumption: 22mA (max)
- Current to LNB: 500mA (max)
- Operating Temperature: -20°C to 65°C

19CDS	01003022	2-Way
19CDS4	01003044	4-Way

TV HARDWARE

MASTING

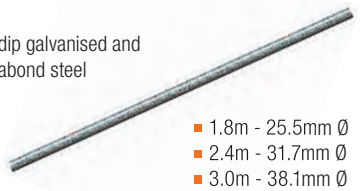
TV MAST EXTENSION



A quick and easy way to add a UHF aerial to an existing VHF installation. The "U" bolts supplied allow fixing to an existing mast of up to 55mm diameter
- Total length: 1.5 Meters

ME15	00902400

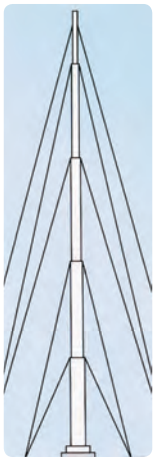
TV GALVANISED ANTENNA MASTS



Hot dip galvanised and galvabond steel
- 1.8m - 25.5mm Ø
- 2.4m - 31.7mm Ø
- 3.0m - 38.1mm Ø

GM18	00902408	1.8m
GM24	00902424	2.4m
GM30	00902440	3m

TELESCOPIC TELEMASTS



Tubular telescopic guyed masts in heights of 6, 9, 12 and 15 meters
- Lightweight, tubular Galvabond steel construction
- Full range of mountings and rigging hardware available
- Suitable for ground or roof mounting
- Efficient, drop-in locking pins simplifies extending mast
- Kit includes guy ring plates, thimbles etc. for mounting the mast

Specifications:
- 6m Telescopic: 2 x 3m lengths
- 9m Telescopic: 3 x 3m lengths
- 12m Telescopic: 4 x 3m lengths
- 15m Telescopic: 5 x 3m lengths

FC180	00902456	6m
FC172	00902472	9m
FC164	00902488	12m
FC156	00902504	15m

MOUNTING

U BOLTS

U Bolts with nuts and washers
- UB2 - Size: 2.0" L x 1/4"
- UB4 - Size: 21/2" L x 5/16"
- UB5 - Size: 51/2" L x 5/16"

UB2	00901160
UB4	00901176
UB5	00901197

GUY WIRE CLAMP

- Plated clamp for securing guying or lashing wire

GWC1	00901344

36MM COACH SCREW

- Mounting screw suitable for fixing brackets to timber facias
- Suits Curved facia mount, Eave mount and Brackets
- Depth: 36mm, suits 8mm hole

CS36	00901432

SCREWEYES

- Used for guying antenna mast
- Wood screw type

		Length	Hole
SE4	00901512	150mm x 9mm	8mm
SE7	00901528	230mm x 9mm	8mm

GUY FOOT STRAMIT

- TV Antenna Hardware
- Guy Foot Stramit

GFS1	00901750

MAST FOOT STRAMIT

- TV Antenna Hardware
- Mast Foot Stramit

MFS1	00901755

GUYING BRACKET

- Guy anchor plate
- Hot dip galvanised
- Length: 267mm

GB9	00901760

GUY CLEAT GALVANISED

- TV Antenna Hardware
- Galvanised Zinc Plated guy cleat

GCG1	00901765

GUYING PLATES

Hot dip galvanized guy ring plates to suit masts from 32mmø ~51mmø

GP32	00901770	32mmø
GP38	00901776	38mmø
GP42	00901781	42mmø
GP51	00901792	51mmø

GALVANISED STEEL WIRE

GW7
- 7 strand, 20 gauge guywire
  Heavy galvanized steel, rustproof

LW7
- 7 strand, 16 gauge lashing wire
  Light duty galvanized steel, rustproof

GW7	00901880	180m
LW7	00902208	90m

TELESCOPIC MAST GUY PLATE LOCKING RINGS

Plated locking rings with locking screw
- LR32: suits Mast: 32mm Ø
- LR3: suits Mast: 36mm Ø
- LR42: suits Mast: 42mm Ø
- LR51: suits Mast: 49mm Ø

LR32	00902510
LR36	00902511
LR42	00902512
LR51	00902515

WALL MOUNT MAST SUPPORT

180mm Galvanized "D" Clamp
- Suits mast up to 52mm in diameter.

FC602448	00902516

CARAVAN DRAW BAR MOUNT

- Mounts on caravan tow bracket (A frame) with hand tightening fixing bolts
- Accommodates standard antenna masts

DBRM	00902520

MAST EXTENSION KIT

- Contains: 2 long "U" bolts (152mm) and 6 x V blocks, with nuts and washers
- Extends any standard mast

MEK2	00902552

CHIMNEY BRACKETS

CM6D: DOUBLE CHIMNEY MOUNT (Single)
2 x single lashing chimney brackets, 4 x "J" bolts, and 2 x "U" bolts, with nuts & washers. 4 x strap seals and 2 x 3.6M coils of 19mm stainless strapping.
- Strong for fitting long masts to chimneys

CM12M: MEDIUM CHIMNEY MOUNT (Dual)
No. 12 Single 305mm mounting bracket. Complete with 12' (3.6m) coil of 19mm galvanized strapping, 2 x "J" bolts, 2 x "U" bolts, with nuts & washers, 2 x strap seals

CM6D	00902712	Single
CM12M	00902728	Dual

EAVE MOUNTS

Eave mount kit consists of: 280mm bracket, 1m bracket with "U" bolts, nuts and washers for mounting masts to brick or timber walls and facia panels

EMK17	00902744	Eave Mount Kit
EB1000	00902750	1m Eave Bracket
EB280	00902752	280mm Eave Bracket

FLUSH WALL MOUNT

For mounting mast to vertical flat surface

FWM1	00902765

IRON ROOF MOUNT

- Sits on the ridge capping
- Suits Stramit or Brown built roof ridge capping
- Guying is necessary to secure mast

IRM6	00902792

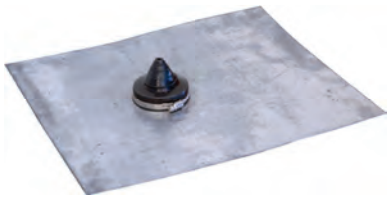
LOFT MOUNT - HILLS

For mounting aerial under a tiled or shingle roof, on rafters or joists. Can be secured above or below rafter
- Height above rafter: 360mm

LMH26	00902808

C

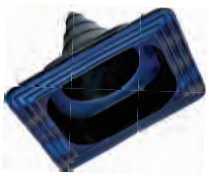
TILE REPLACEMENT FLASHING KIT



Heavy malleable 490 x 410mm plate replaces roof tile
The rubber boot can be cut to accept pipe diameter's from 13mm to 9 0mm

LFK1	00902812

PIPE FLASHING RUBBER BOOT



- Lead Flashing with rubber boot
- TV Antenna Hardware

PFRB	00902814

RAFTER MOUNT

- For securing to a roof rafter
- The pole extends through the roof material
- Hot dip galvanised mast with angled plate for securing to rafters
- Hole in base of mast accepts coach bolt

		Mast
RM18-32	00902816	1.8m x 32mm
RM18-25	00902818	1.8m x 25mm

STAY BARS

- 1200mm stay bars
- For supporting a mast or facia bracket
- Collar accepts masts from 25 ~ 32mm in diameter
- Note: Curved Facia Mount not Included

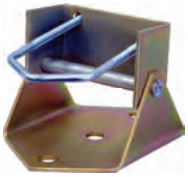
SBK4	00902820

STEEL DECK MOUNT

Suits Stramit or Brown built clamp-down flat decking
- Can support standard masts without guying
- For masts up to 3 Metres.

SDM6	00902824

TELEVISION MAST FOOT MOUNT



For mounting telescopic masts, by bolting on to a solid base ■ Suits masts up to 58mm in diameter

FB602498	00902840

METAL FACIA BRACKET

- Attaches to pitch roof beam

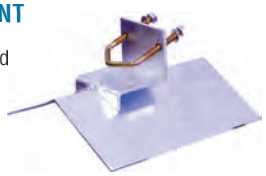
MFMB	00902846

TRIPOD ROOF MOUNT

- Hot dip galvanised adjustable roof mount complete with 1.2 metre mast

TRM12	00902850

TILEROOF MOUNT



- For mounting guyed masts on tile ridge
- 120° Tile Ridge

TRM120	00902872

VERTICAL MOUNT

- 53 cm mount
- For mounting antenna vertically away from mast
- Takes up to 2" vertical masting

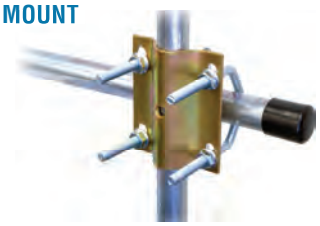
VSB53	00902882

HORIZONTAL MOUNT

- 45 cm Horizontal mount
- Designed to mount the antenna horizontally away from the mast
- Takes up to 2" vertical masting

HSB45	00902886

VERTICAL MOUNT - HILLS



Vertically mounts the antenna away from the mast
Designed to take vertical masting up to 2" in diameter
- Constructed of heavy gauge galvanised metal
- Supplied with 5/16" U bolts

Note: Masts Not Included

VPB1	00902888

CURVED FACIA MOUNTS

Curved mast attached to mounting plate, for facia board mounting ■ Secured by galvanised coach bolts or drilled bolted ■ For masonry dyna bolts, loxins. etc.

CFM5	00902991	1.5m
CFM6	00902992	1.8m

CURVED FACIA MOUNT CAP-SUITS CFM6

- Plastic Cap for 25mm diameter television mast
- Fits over end of the mast to seal out water
- Suits CFM6 Curved Facia Mount

CFMCAP	00902994

CENTRE BRACE SUPPORT BRACKET

- Centre brace bracket for TCX34 UHF Antenna

FB603836	00903005

CANTILVER BRACE SUPPORT BRACKET

- Cantilever bracket for TCX20 UHF Antenna

FB603844	00903010

STRAPPING KIT

Galvanized Strapping Kit Includes:
- 3.6metre Galvanised steel coil
- 2 x "J" bolts & seals

SK3053	00903816

ROPE THIMBLE

- 6mm Thimble
- Suits guy or lashing wire, galvanised, prevents fraying

TH2203	00904216

TURNBUCKLE

- 6mm hook and eye
- Galvanised turnbuckle
- Overall Length: 185mm

TB897	00904256

STANDARD BLOCK

- Large V block
- For masts up to 58mm

V1	00904501

ROTATOR

AERIAL ROTATOR

Ideal for reception in difficult areas, or where two or more channels are available in different locations.

- Consists of remote control box and drive unit
- Vertical load: 45kg ■ Stat breaking: 500Nm
- Rotation Torque/ speed: 20nM/ 70sec round

AR300XC	00903501

SATELLITE HARDWARE

SATELLITE TRIPOD MOUNT WITH LEAVE

- Portable Tripod Mount
- Suitable 65cm-80cm dish
- Folds Away for easy storage
- Pre-galvanised steel
- Top part is powder coated in black
- 44m mast tubing
- Pre-galvanised legs
- Leveller located on top

NEW

14CCM	00905010

FLEXI IRON SATELLITE ROOF MOUNT - DIGITEK

NEW

- Satellite Mount for tin roof
- Pre-Galvanised steel
- Mast is 44mm diameter
- Stay bars are 22mm

14CFIRMECO	00906010

SATELLITE GUTTER MOUNT SINGLE ARM

NEW

- Single arm Satellite gutter Mount for rafter 44mm
- Pre-galvanised tube
- Comes with black cap

14CGMGAL	00906020

INTERCOMS

AUDIO INTERCOMS

2 WIRE AUDIO INTERCOM KIT - AIPHONE

Connects via two wires to a master DA-1MD. System power is the PT-1211C. The DA-1DS features a 12V AC output for door strike connection, call button and illuminated directory. The master handset DA-1MD features a call tone volume control, handset for communication and button for door release.

- Two-wire system throughout system
- Door release wired to door station, requiring no power transformer
- User-optional function button
- Call tone MUTE with indicator
- Call extension sounder

DA1AS	21810280

CHIME INTERCOM KIT - AIPHONE

DO-IT-YOURSELF KIT IN BLISTER PACK

- Press-to-talk loudspeaking at room station
- Call-in by 2-stroke electronic chime
- Door release button (Needs EL9S & Transf.)
- Communication volume control
- Power: 6 Volt D.C. 85mA or 4 x "C" batteries
- Room Station: 190 x 130 x 44mm (WHD)
- Size: Door Station 120 x 88 x 29mm (WHD)

C123LP	21810310

TELEPHONE TYPE INTERCOM KIT - AIPHONE

- Easy to install: Replaces existing bell press & chime
- Simultaneous communication
- Electronic tone calling
- Fast installation
- Includes mounting hardware
- Distance: 700M w/0.65mmØ cable
- Power: 6 Volt D.C. 150mA or 4 x "AA" batteries
- Size: 80 x 210 x 58mm (WHD)

AT406P	21810278

2 WIRE AUDIO DOOR PHONE INTERCOM KIT - DOSS

- 2 wire connection
- Designed for either desk use or wall mounting
- Unlock button ■ Electric Lock
- Long operating distance, loud and clear sound.
- The extra power supply is not needed to connect to the electromotion-lock
- Battery (4 x AA) or DC operation (6V DC) - not inc.

DADPK	21816100

2 CHANNEL WIRELESS INTERCOM

Simply plug each unit into a convenient power point & turn on.

- Sensor touch for Call/Talk ■ No wiring needed
- Your voice is transmitted over your A.C. line
- Push to talk ■ Release to listen
- Size: 138 x 110 x 47mm (LWH)

711	21815132

SELECTIVE CALLING HANDSET INTERCOMS - AIPHONE

Selective Calling Versatile intercom systems, either single-master-master selective.
All-master, or Intermixed system can be set up

- Full trunkage, semi-private station can join an existing communication
- Max. 2 door stations per system
- Door release activation
- Zone page with or without talkback
- Accepts background music ■ Includes hardware
- Power: 12 Volt D.C. 70mA per station
- Distance: 650M w/0.65mm Ø cable
- Size: 100 x 210 x 73 mm (WHD)

TD1HB	21811025	1 Call Master Station
TD3HB	21811041	3 Call Master Station
TD6HB	21811057	6 Call Master Station
TD12HB	21811073	12 Call Master Station
TD24HB	21811137	24 Call Master Station

C

AIPHONE IE SERIES

SURFACE-MOUNT DOOR STATION - AIPHONE

- For IE Intercom Series
- Illuminated green LED to indicate location in the dark
- Handsfree communication at door station
- Includes mounting hardware
- Size: 100 x 135 x 34mm (WHD)

IEDC **21810211**

FLUSH MOUNT DOOR STATION - AIPHONE

- For IE Intercom Series
- Flush mount with stainless steel cover
- Green LED to locate in the dark
- Handsfree communication at door station
- Includes mounting hardware
- Size: 116 x 115 x 40mm (WHD)

IEJA **21810215**

CHIME TONE ROOM MASTER STATIONS - AIPHONE

IE1GDU

IE2ADU

A Chime Tone Intercom room master station for system with max. three room stations and one door station (IE series)

- Slim, compact body design
- Simultaneous communication
- 4-stroke chime and LED for door station call-in
- Transfer of door station call to another room
- Door release button
- Adjustable chime volume
- Includes mounting hardware
- Distance to Door: 150M/0.65mm Ø cable
- Between rooms: 75M/0.65 Ø cable
- Power: 12~16V A.C. 450mA if used with EL9S door release or 12~24 D.C. 200mA communication only
- Size: 100 x 210 x 68mm (WHD)

IE1GDU	**21810422**	**1 room master**
IE2ADU	**21810424**	**3 room master**

ROOM STATION - AIPHONE

- Simultaneous conversation
- 4 stroke chime with volume
- Includes door release button
- Single power supply for unit operation and door release Wiring: 2 to door station, plus 2 to door release
- Distance: 150m (22AWG) for use with EL9S IE series
- Size: 80 x 210 x 58mm (WHD)

IE1ADU **21810416**

CHIME TONE SUB STATION - AIPHONE

The IEH1CD is a Chime Tone Intercom room sub station for either IE1GDU or IE2ADU system with maximum three room stations and one or two door stations

- 4-stroke or 2-stroke chime and LED illumination for door station call-in
- Door release button
- Adjustable chime call volume
- Includes hardware
- Size: 100x210x68mm (WHD)

IEH1CD **21810426**

INTERCOM EXTENSION SPEAKER - AIPHONE

The IER2 is a call extension speaker unit for use with IE1ADU and IC, IE series.

- Announces a call from sub (or door) station in a place remote from master (or room) station
- One call extension per system
- Tone volume switch ■ Mounting Hardware
- Size: 88 x 120 x 29mm (WHD)

IER2 **21810451**

6 ROOM INTERCOM MODULAR SYSTEM - AIPHONE

IE8MD

IE8HD

- 1 x IE8MD and 5 x IE8HD is required
- Selective call or All call
- Door select and monitor button
- Requires 12~16VAC or 12~18VDC to operate
- Door calls in with two or 4 tone chime and LED
- Press 1~6 to call other station with pretone & voice
- 2 parallel wires to door, 4 wires in loop to room stations
- 150m door, 75m to rooms (0.65mm conductors)

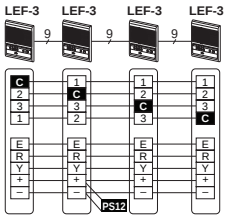
IE8MD	**21810462**	**6 Room Master Station**
IE8HD	**21810473**	**6 Room Sub Station**

AIPHONE LE SERIES

OPEN VOICE INTERCOM SYSTEMS

- **All-master configuration, loop-wired**

LEF-3



PS12 : PS-12A, PS-12B

Models	Capacity	Cable
LEF-3	4 stations	9 wires
LEF-5	6 stations	11 wires (`5: K1~K5*)
LEF-10	11 stations	17 wires (`10: K1~K10*)
LEF-10S	11 stations	20 wires (`10: K1~K10*)

*K1 ~K10: Control terminals for video, door release.

FLUSH MOUNT DOOR STATION - AIPHONE

For LEF Series

Flush mount with stainless steel cover

- Green LED to locate in the dark
- Handsfree communication at door station
- Includes mounting hardware
- Size: 116 x 115 x 40mm (WHD)

LEDA **21810571**

DOOR STATION - AIPHONE

- **For LEF series**

Surface-mount door station with plastic cover

- Hands-free communication at door station, controlled by master station
- Press-to-talk operation
- Size: 88 x 120 x 29mm (WHD)

LED **21810565**

1 STATION MASTER - LEM SERIES - AIPHONE

Loudspeaker Type Surface-mount, slim master station with 2-conductor wiring

- Desk/wall mount connects to LEA or LEAN Sub stations
- Call from master can be made by tone or voice
- Hands-free reply from sub station
- Off and talk button ■ Volume control
- Mounting hardware ■ Power: 6Volt D.C. 200mA
- Distance: 200M w/0.65mm dial. cable
- Size: 132 x 160 x 51mm (WHD)

LEM1 **21810630**

3 STATION MASTER - LEM SERIES - AIPHONE

Loudspeaker Type Surface-mount, slim master station with 2-conductor wiring

- Desk/wall mount connects to LEA or LEAN Sub Stations
- Call from master can be made by tone or voice
- Hands-free reply from sub ■ Off, Call, Talk Buttons
- Call-in annunciator LEDs ■ 3 station buttons
- Volume control ■ Power: 6 Volt D.C. 200mA
- Distance: 200M w/0.65mm dia. cable
- Size: 132 x 160 x 51mm (WHD)

LEM3 **21810646**

3 STATION MASTER - LEF SERIES - AIPHONE

Loudspeaker Type Surface-mount, master station

- Desk/Wall mount
- Hands-free remote reply and high output power
- Intermixable with other LEF masters
- Single talk path, Sub's call-in can be signalled at a communicating master
- Individual volume controls for talk and call tone
- Timed call-in annunciator LED memory for max. 20 seconds
- Privacy button with LED ind.
- Background music distribution
- Paging through an 8 horn speaker
- Power: 12 Volt D.C. 300mA per station
- Cable: 200M w/0.6 5mm diameter cable
- Size: 143 x 180 x 55mm (WHD)

LEF3 **21810668**

5 STATION ALL MASTER - AIPHONE

- Door release activation Loudspeaker Type Surface-mount , master station/ desk or wall mount
- Hands-free remote reply and high output power
- Intermixable with other LEF masters
- Single talk path, Sub's call-in can be signalled at a communicating master
- Individual volume controls for talk and call tone
- Timed call-in annunciator
- LED memory for max. 20 seconds
- Privacy button with LED indicator
- Background music distribution
- Paging through an 8 horn speaker
- Power: 12Volt D.C. 300mA per station
- Cable: 200M w/0.65mm diameter cable
- Size: 19 0 x 206 x 55mm (WHD)

LEF5 **21810679**

10 STATION ALL MASTER - AIPHONE

- Door release activation Loudspeaker Type Surface-mount, master station, desk or wall mount
- Hands-free remote reply and high output power
- Intermixable with other LEF masters
- Single talk path, Sub's call-in can be signalled at a communicating master
- Individual volume controls for talk and call tone
- Timed call-in annunciator LED memory for max. 20 seconds
- Privacy button with LED indicator
- Background music distribution
- Paging through an 8 horn speaker
- Power: 12Volt D.C. 300mA per station
- Cable: 200M w/0.65mm diameter cable
- Size: 1 90 x 206 x 55mm (WHD)

LEF10 **21810692**

SUB STATION - AIPHONE

For LEM/LEF Masters

Loudspeaker Type Intercom Surface-mount slim design sub station with 1 call button.

- For wall or desk mount ■ Hands free remote reply
- Incl. Hardware ■ Size:131 x 160 x 51mm(WHD)

LE-A **21810501**

SUB STATION WITH PRIVACY - AIPHONE

For LEM/LEF Masters

Loudspeaker Type Intercom Surface-mount

- Slim design sub station with 1 call button
- Plus Privacy button
- For wall or desk mount ■ Hands free remote reply
- Includes hardware
- Size: 131 x 160 x 51mm (WHD)

LEAN **21810533**

SUB STATION - AIPHONE

- Wall/ desk substation for MP-S, AP-M
- No Power required ■ Master call button
- Hands-free operation
- Size: (WHD)148 x 177 x 78mm

AS3A **21810220**

FLUSH APARTMENT DOOR STATIONS - AIPHONE

- Ideal for flats or units for privacy and security
- Anodized aluminium panel with back illumination name plate and Push Buzzer
- Hands-free operation
- Loop wiring system (4 common + 1 for door release)
- Maximum 2 VCK units/Apartment
- Power: 12V D.C. 80mA for intercom,100mA for lamp
- Includes mounting hardware
- Size: 186 x 260 x 68mm (WHD)

VC2M	**21811270**	**Entrance: 3-Enter**
VC4M	**21811275**	**Entrance: 6-Enter**
VC6M	**21811285**	**Entrance: 12-Enter**

FLAT INTERCOM - AIPHONE

- Apartment Intercom System
- Wall mounting handset unit with door release and push to talk operation (No power connection necessary)
- Size: 80 x 210 x 61mm (WHD)
- Distance: 330M
- 0.65mm diameter cable

VCK **21811249**

2 STATION INTERCOM KIT - AIPHONE

- One master to one slave wired intercom
- Master station with On/Off and Call/Talk button and volume control
- Operating distance up to 100 meters
- With connecting cable and mounting staples
- Power: 1 x 9Volt battery or optional plug pack

MIC404 **21815105**

C

1 STATION MASTER - AIPHONE

- Press to talk, Release to listen
- High Power Intercom ■ Desk or Wall mount
- Adjustable Call tone volume level
- 2.5Watt output power ■ Audible call tone
- Power: 12Volt D.C. 1A
- Distance: 100M w/0.65mmØ cable
- Size: 148 x 177 x 78mm (WHD)

For paging MP1S may be connected to Horn Speaker

MP1S	21810801

3 STATION MASTER - AIPHONE

- LED & audible announcement of incoming calls
- Desk or Wall mount
- Adjustable Call tone volume level
- High power 2.5Watt output ■ Audible call tone
- Power: 12Volt D.C. 1A
- Distance: 100M w/0.65mm dial. cable
- Size: 148 x 177 x 78mm (WHD)

MP3S	21810817

DOOR ENTRY INTERCOM SYSTEM - PANACOM

- Easy to install ■ Easy to operate and highly reliable
- Crystal clear communication
- Expandable up to 6 room stations & 2 door stations
- Monitor feature: Allows for monitoring or listening in of childrens room or nursery
- Paging to all stations and Mute for privacy
- Hands free reply from all units with individual volume adjustments
- Kit comes Complete with Master Room Station and power supply

PANQ816KS	21812008	Silver Door Station
PANQ816KG	21812009	Gold Door Station

ROOM STATION - PANACOM

- Optional Master Room Station to suit Panacom PANQ816KS and PANQ816KG Audio Intercom Systems ■ Colour: White

PANQ816S	21812016

VIDEO DOORPHONES

SPARE MONITOR TO SUIT MKS1GDV AND MKS1GDVF

- Sub monitor for the MK Door Sentry series
- The unit connects to a master MK-1GD and an additional MK-1HD sub monitor
- Handset for private communication
- Door call in LED ■ Monitor button
- Door release button
- Extra dry contact for light activation (requires additional equipment)

MK1HD	21810775

B&W VIDEO INTERCOM KIT (SURFACE MOUNT CAMERA) - AIPHONE

Kit includes the MK1MD monitor + vandal proof surface mount door station

- LED illumination for night viewing
- Illuminated name plate ■ Surface Mount Model
- Zinc die cast Vandal proof panel
- HWD: 173 x 98 x 27 mm

MKS1GDV	21810765

B&W VIDEO INTERCOM KIT (FLUSH MOUNT CAMERA) - AIPHONE

Kit includes the MK1MD monitor + vandal proof flush mount door station

- LED illumination for night viewing
- Illuminated name plate
- Stainless-steel Vandal Proof panel
- HWD: 209 x 135 x 45 mm
- Back Box: 180 (H) x 110 (W) x 45 (D) mm

MKS1GDVF	21810770

AIPHONE JF-SERIES VIDEO INTERCOM KITS

The JF Series is a high performance, hands-free video intercom system with a superior monitor and an amazingly slim design. It is easy to operate and requires little time to install. The JF Series is the simple and effective solution to your security needs. The JF-Series video intercom kits are made up of 3 different door stations.

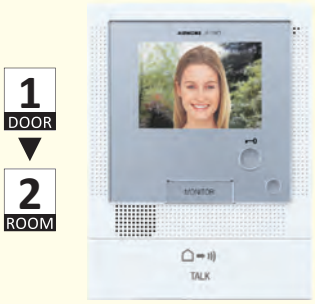
The JF series has been designed to be flexible and expandable using additional door stations (cameras), room stations, and audio sub stations.

General features of the JF series are:

- Affordable Colour Video Systems
- Clear identification provided day & night
- Both hands-free & push-to-Talk
- LED light Indicates who is speaking
- One or two color video door stations
- VOX or Push-to-Talk operated communication
- Large TALK button activates communication
- Hands-free Audio and Video monitoring
- Illuminating LEDs for low light conditions

The basic kits include a combination of the JF-1MD, JF-2MED master stations and 3 door stations (JF-DA, JF-DV, and JF-DVF) and the PS-182 power supply.

COLOUR HANDS-FREE MASTER STATION

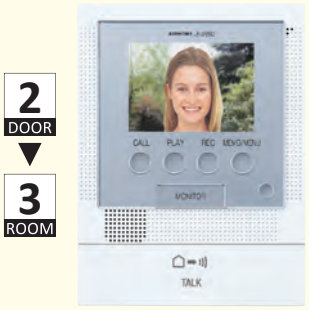


JF-1MD

The JF-1MD is a standard hands-free color video entry system. It supports one color video door station (camera), one master station with monitor, and one substation with or without a monitor.

- Slim style video room station: only 27 mm thick

COLOUR HANDS-FREE MASTER WITH BUILT IN MEMORY



JF-2MED

The JF-2MED is an Open voice, color video master monitor that allows the connection of up to two video door stations and 2 additional sub monitors

- 3-1/2" TFT color monitor ■ TALK button for PTT or VOX activate communication ■ Door release button
- Call-in LED's ■ Door chime and communication volume controls and brightness control
- Features a built-in picture memory unit that records up to 64 images of visitors

SURFACE MOUNT DOOR STATION

JF-DA

- Surface mount door station used with the JF open voice, colour video entry series
- Made from sturdy ABS plastic with a clear Lexan lens cover ■ Colour CCD camera
- Speaker and mic for communication
- Illuminated call button and white illumination LED for low light conditions

SURFACE MOUNT VANDAL-PROOF DOOR STATION

JF-DV

- Surface mount door station, vandal resistant, easy to operate and requires little time to install
- Color CCD Camera ■ Speaker
- Mic for communication ■ Illuminated call directory
- White illumination LED for low light conditions

JF-DV **21816106**

FLUSH MOUNT VANDAL-PROOF DOOR STATION

JF-DVF

- Vandal resistant, flush mount door station used with the JF open voice, colour video entry series
- Mounting box ■ Stainless steel
- Camera is protected with a clear Lexan lens
- Color CCD camera ■ Speaker and mic
- Illuminated call directory and white illumination LED for low light conditions

JF-1MD + JF-DA VIDEO INTERCOM KIT

- JF-1MD: Master Station ■ JF-DA: Door station
- PS-182: Power supply

JFS-1AD **21816110**

JF-1MD + JF-DV VIDEO INTERCOM KIT

- JF-1MD: Master station ■ JF-DV: Door station
- PS-182: Power supply

JFS-1ADV **21816111**

JF-1MD + JF-DVF KIT VIDEO INTERCOM KIT

- JF-1MD: Master station ■ JF-DVF: Door station
- PS-182:Power supply

JFS-1ADF **21816112**

JF-2MED + JF-DA VIDEO INTERCOM KIT

- JF-2MED: Master Station ■ JF-DA: Door station
- PS-182: Power supply

JFS-2AED **21816113**

JF-2MED + JF-DV VIDEO INTERCOM KIT

- JF-2MED: Master station ■ JF-DV: Door station
- PS-182: Power supply

JFS-2AEDV **21816114**

JF-2MED + JF-DVF VIDEO INTERCOM KIT

- JF-2MED: Master station ■ JF-DVF: Door station
- PS-182: Power supply

JFS-2AEDF **21816115**

JF SERIES ADD-ONS & OPTIONS

VIDEO ROOM STATION FOR JF-1MD

The JF-1FD is the sub monitor for the JF standard series open voice color video series
The unit connects to a master JF-1MD

- Features a 3.5" TFT colour monitor
- A TALK button for PTT or VOX activated
- A door release button ■ Call-in LEDs

JF-1FD **21816116**

VIDEO ROOM STATION FOR JF2-MED

The JF-2HD is the sub monitor for the JF expanded series open voice colour video series. The unit connects to a master JF-2MD and an additional JF-2HD sub monitor (or JF-2SD audio only sub)

- 3-1/2" TFT color monitor
- TALK button for PTT or VOX activate communication
- Door release button ■ Call-in LED's

JF-2HD **21816117**

AUDIO SUB MASTER STATION

The JF-1SD is an audio only Sub Station that can be connected in place of the sub monitor in an JF standard system

- Oversized TALK button to activate the VOX or PTT style communication
- Door call-in indicator
- Call tone volume control
- Button for door release

JF-1SD **21816109**

AUDIO SUB MASTER STATION

The JF-2SD is an audio only Sub Station that can be connected in place of a sub monitor in JF expanded system

- Oversized TALK button to activate the VOX or PTT style communication
- Door call-in indicator
- Call tone volume control button for door release

JF-2SD **21816120**

18V 2A POWER SUPPLY FOR JF SERIES - AIPHONE

Used when 2 or more sub stations are installed.

- Size: 167(H)x90(W)x52(D)mm

PS1820 **21811927**

C

DOSS® VIDEO INTERCOM KITS

New range of DOSS video intercoms provide simple installation and efficient design in home security. A range of indoor monitors and door stations are available.

All kits feature: NEW

- Easy installation and operation
- Ideal solution for home video security, see who's at the door before opening it!
- Video and two way intercom ■ Door lock control
- Mounting hardware supplied

HANDSFREE 5" COLOUR LCD MONITOR - DOSS

- 5" colour TFT-LCD screen
- High resolution: 480*234 pixels
- Handsfree operation
- Panic button to deter would-be intruders
- External video and audio output
- Volume and brightness controls
- 185 (W) x 130 (H) x 27 (D) mm

DHF5SM 21816201

HANDSFREE 3.5" COLOUR LCD MONITOR - DOSS

- 3.5" high resolution TFT-LCD screen
- Door Lock Control ■ Auto turn off
- Panic button to deter would-be intruders
- External video and audio output
- Volume and brightness controls
- 190 (W) x 225 (H) x 62 (D) mm

DCL4SM 21816103

HANDSFREE 4" B&W CRT MONITOR - DOSS

- 4" Black & White CRT screen
- Door Lock Control ■ Auto turn off
- Panic button to deter would-be intruders
- External video and audio output
- Volume and brightness controls
- 190 (W) x 225 (H) x 62 (D) mm

DBW4SM 21816105

SURFACE MOUNT PLASTIC CAMERA - DOSS

DPCM

- Surface mount colour camera
- 6 IR LEDs for night viewing
- Lens with vertical adjustment
- Push to call button
- Handsfree operation
- Built-in mic/ loud speaker
- 127 (H) x 95 (W) x 35 (D) mm

VANDAL-PROOF MULTI-MOUNT METAL CAMERA - DOSS

DMCM

- Multi-mount options: Surface (with or without rain guard), flush, and bevel surface mount
- Infrared light tube ■ Push to call button
- Handsfree operation
- Built-in microphone/ loud speaker
- 115 (H) x 40 (W) x 22 (D) mm (camera only)
- 158 (H) x 68 (W) x 22 (D) mm (flush mount)

Mounting options:

Flush mount | Surface mount with rain guard | Bevel surface mount

DHF5SM + DPCM CCD VIDEO INTERCOM - DOSS

CCD SENSOR

- DHF5SM monitor + DPCM camera with CCD sensor

DHF5PC 21816200

DHF5SM + DMCM CCD VIDEO INTERCOM - DOSS

CCD SENSOR

- DHF5SM monitor + DMCM multi-mount camera with CCD sensor

DHF5MC 21816205

DCL4SM + DPCM VIDEO INTERCOM - DOSS

- DCL4SM monitor + DPCM surface mount camera

DCL4PC 21816102

DCL4SM + DMCM VIDEO INTERCOM - DOSS

- DCL4SM monitor + DMCM multi-mount vandal proof camera

DCL4MC 21815510

DBW4SM + DPCM VIDEO INTERCOM - DOSS

- DBW4SM monitor + DPCM surface mount camera

DBW4PC 21816104

DBW4SM + DMCM VIDEO INTERCOM - DOSS

- DBW4SM monitor + DMCM multi-mount vandal proof camera

DBW4MC 21815500

INTERCOM ACCESSORIES

12V AC DOOR RELEASE

- **Ideal for DHF5, DCL4, and DBW series DOSS intercoms**
- Auto operation, momentary press releases the door latch
- Re-locks when door is re-closed
- Requires power supply
- Power: 12 V A.C. 250mA
- Plate: 160 x 25mm
- Mounting holes: 145mm

See the Radio Parts web site for an easy to follow installation guide

LOK110 **21810187**

12V AC/ DC DOOR RELEASE

- When power is applied to the strike, the latch releases and the door can be opened
- Powered by 12V AC or DC
- "Fail-Secure" Protection means if power goes off, the strike remains locked
- Designed to be powered momentarily
- **Suits wooden door frames**

EL971 **21810190**

12V AC DOOR RELEASE - AIPHONE

- Suits door push buttons, unlatches while button is pressed
- Requires relay and power supply
- Power: 12VA.C. 250mA
- Plate: 130 x 25mm
- Mounting holes: 110mm

EL9S **21810368**

DOOR RELEASE RELAY - AIPHONE

In-line relay used when powering an EL9S door release from an AC supply

RYPA **21810949**

UNIVERSAL SURFACE MOUNT DOOR LATCH

- Universal surface mounting door latch
- For Panacom PANQ800KS/PANQ800KG audio intercom systems
- Brushed metal finish

LOK190 **21812024**

UNIVERSAL DOOR LOCK - NIDAC

- Power to lock/power to release changeable via two screws
- Stainless steel striker for extra strength
- Mounting kit & template included
- Optional 25mm & 50mm lip extensions

GK300 **21816118**

BABY MONITOR

WIRELESS COLOUR BABY MONITOR - DOSS

- 1.8" TFT-LCD Monitor
- Wide band FM modulation, 4 channel system
- Operating range: up to 100m (at open site)
- Portable receiver provides you more flexibility

Monitor: Headphone out ■ A/V output ■ Auto scan

- Adjustable volume, brightness, contrast
- 9V 400mA power or 3x "AA" batteries (not. inc.)

Camera: On-Off switch for IR LEDs

- Focus adjustable lens ■ Rotating head
- 7.5V 300mA power, or 2x "AA" batteries (not inc.)

DVBM24 **21816101**

TELEPHONES

CORDED PHONES

CORDED PHONE WITH LCD DISPLAY - UNIDEN

- Ice Blue LCD and backlit keypad
- Caller ID Display display
- Operational Under Power Failure Conditions
- Duplex Speakerphone ■ Wall/Desk Mountable

FP204 **43020007**

SLIMLINE CORDED TELEPHONE

An ideal 2nd telephone for the bedroom or kitchen

- Pulse/Tone dialling
- Desk or wall mountable
- Ringer On/Off switch
- Fully Modular 2 Piece Telephone
- Last Number Redial
- Flash/ Mute Button
- Ringer Hi/Lo

SLP001 **43020010**

13 MEMORY DESK PHONE

- 13 Number Memory: 3 One-Touch, 10 Two-Touch
- Memory Function ■ Pulse/Tone dialling
- Ringer On/Off switch ■ Last Number Redial
- Flash Button ■ Mute Button ■ Ringer Hi/Lo

DEP001 **43020015**

COMPACT DESIGNER PHONE - ORICOM

- 10 speed dial memories
- Adjustable ringer volume
- Hearing aid compatible
- Last number redial
- Wall mountable (fits standard Telstra wall plate)

TP6 **43020020**

CORDED CARE PHONE - ORICOM

- Ideal for people with special needs
- Remote emergency pendant (up to 30 metres)
- Talking Caller ID ■ Wall mountable
- 30 name & number memories (inc. voice recording)
- Extra loud ringer (90dBA) ■ Visual ring indicator
- Hands-free remote speakerphone
- Large high contrast tactile talking keypad
- Hearing aid compatible ■ 2 one touch memories
- Easy-set up with voice prompts to guide you
- Battery backup protection (4 AA batteries supplied)

TP170WP **43020035**

CORDLESS PHONES

2.4GHZ CORDLESS PHONES - UNIDEN

- Wideband DECT Digital Technology
- Designed and engineered in Japan
- Multi handset capabilities (up to 4)
- 100 caller ID memories with phone book
- Digital duplex speakerphone on handset
- POP ID - caller "name" identification
- Alpha memory dialing
- 20 individual caller tone allocations
- 10 speed dial memory locations on handset

WDECT3315B	**43000916**	●
WDECT3315	**43000913**	●
WDECT3315R	**43000923**	●
WDECT3315+1	**43000911**	● - Twin Set

C

2.4GHZ EXTRA LOUD & LARGE KEYPAD - UNIDEN

- Extra loud ring and visual incoming call indicator for the hearing impaired
- Extra large backlit display & handset buttons
- Ideal for noisy home or workplace ■ Caller ID
- Speaker phone on handset and base
- Wall mountable
- Hearing aid compatible
- 3 line backlit LCD

SSE15W	43000917	
SSE15+1W	43000918	Extra Handset

5.8GHZ CORDLESS PHONE - UNIDEN

- 5.8GHz Frequency Hopping Spread Spectrum Phone System ■ Designed and engineered in Japan
- Multi (8) handset capable ■ Caller ID / call waiting
- Digital duplex speakerphone on handset
- Wireless (WiFi) network friendly

WDSS5315	43000132

5.8GHZ TWIN PACK CORDLESS PHONE - UNIDEN

- Handset Conferencing (2 Handsets + Outside Call)
- 4 Line Backlit Full Dot Matrix LCD Display
- POP ID - Caller Name Identification
- 20 Individual Caller Tone Allocations
- Digital Duplex Speakerphone on Handset
- Polyphonic Ring Tones ■ Room/Baby Monitor
- Voice Guidance Help and Function System

DSS7915+1	43008421

1.8GHZ CORDLESS PHONE TRIPLE PACK - PANASONIC

- 1.8GHz Digital Gigarange Cordless Phone + 2 Handset Pack
- Caller ID & Private Name Display
- 50 station caller ID memory/ 50 station phone book
- 10 number Redial Memory

KX-TG1813ALS	43008509

5.8GHZ CORDLESS PHONE - PANASONIC

- 5.8GHz Gigarange FHSS
- Caller ID ■ 50 Station Phone Book
- Digital Duplex Speakerphone on the handset
- 4 ringer Melodies & 3 ringer tones
- Light-Up Indicator ■ Not expandable

KX-TG5921ALS	43008515

5.8GHZ TWIN PACK CORDLESS PHONE - PANASONIC

- 5.8GHz Digital Gigarange Cordless Phone Pack
- **FHSS** (Frequency Hopping Spread Spectrum)
- Call waiting caller ID ■ 50 station caller ID memory
- Noise reduction ■ Digital Duplex Speakerphone

KX-TG5922ALM	43000924

PHONES/ANSWERING MACHINES

2.4GHZ CORDED/CORDLESS PHONE - UNIDEN

- 2.4GHz WDECT Wideband Digital Technology
- Handset conferencing (3 Handsets and outside call)
- Operational under power failure conditions
- 200 Caller ID memories & phone book
- Digital answering machine - with remote access
- **Conversation record** ■ Polyphonic tones
- Maxi sound extra loud handset volume control
- Room/Baby monitor ■ Hearing aid compatible

WDECT2345+1	43000922

5.8GHZ CORDLESS PHONE - UNIDEN

- Digital answering machine with remote access
- Multi handset capable (up to 10)
- Digital duplex speakerphone on handset and base
- Handset conferencing ■ Polyphonic ring tones
- Maxi-sound - extra loud handset volume control

DSS7955	43000158	
DSS7955+1	43000161	+1 extra handset
DSS7955+2	43000166	+2 extra handset

5.8GHZ SUBMERSIBLE WATERPROOF ADDITIONAL HANDSET - UNIDEN

- Meets JIS7 waterproof specifications
- Floats and is submersible in the pool
- Rubber side grips
- Dust and dirt proof handset - Ideal for factory use

DSS7905WP	43000154

DSS7955 WITH DSS7905WP WATERPROOF HANDSET KIT - UNIDEN

DSS7955 + DSS7905WP kit
Premium 5.8GHz Digital Spread Spectrum Cordless Phone System with Water and Dust Proof Additional Handset

DSS7955+1WP	43000162

5.8GHZ CORDLESS PHONE WITH ANSWERING MACHINE - UNIDEN

- Same feature set as the WDS5315, with an added answering machine on base station

WDSS5335+1	43000134	+1 Handset
WDSS5335+2	43000135	+2 Handsets

2 LINE 5.8GHZ CORDLESS TWIN SET - UNIDEN

- 2 line version of the DSS7955 cordless phone Ideal for people wanting one phone line for home and one line for business
- Includes extra handset

DSS7960+1	43000170

2 LINE 5.8GHZ CORDLESS PHONE - PANASONIC

- 5.8GHZ Digital Spread Spectrum (FHSS)
- Max. number of Handsets: up to 8
- Caller ID Compatible ■ Call Waiting Caller ID
- Light-up Indicator ■ Phone Book Search
- Integrated Digital Answering Machine
- Two-way Intercom Type ■ Handset Locator
- Headset Jack ■ Backlit LCD ■ Wall Mountable
- Conference Call Function ■ Time/Date Display
- Alarm Function ■ Navigator Key
- Hands Free Speakerphone on Handset & Base

KXTG6700ALB	43008416	Extra Handset

1.8GHZ FREQUENCY
Eliminates potential interference from other common wireless devices such as wireless networks (Wi-Fi), Bluetooth and cordless computer devices.

1.8GHZ CORDLESS PHONE - PANASONIC

- 1.8 GHz Digital Gigarange Cordless Phone
- Digital Answering System
- Caller ID & Private Name Display
- 50 Station Caller ID Memory
- Multiple handset conferencing
- Handset Speakerphone

KX-TG1855ALS	43008507	Handset
KX-TG1857ALS	43008513	+1 Handset

5.8GHZ CORDLESS PHONE TWIN SET - PANASONIC

- 5.8GHz Digital Gigarange Cordless Phone Pack
- FHSS (Frequency Hopping Spread Spectrum)
- Call Waiting Caller ID
- 50 Station Caller ID Memory
- Shock & Splash Resistant Design
- Handset Talk Time 5 (hours)

KX-TG5839ALS	43007585	

5.8GHZ CORDLESS TWIN SET - PANASONIC

- Digital Spread Spectrum DSS 5.76 – 5.84GHz
- Digital Answering Machine ■ Backlit LCD & Keypad
- Hands free Speakerphone
- Up to 3 way conference calling
- Call Waiting Caller ID ■ Light Up ID & Ringer ID
- Up to 2 Multi Handset Capability
- 50 Name & Number Caller ID Display
- Lighted Antenna (On Handset)
- 3 Ringer Tones and 4 Melody Ringers
- 11 days Standby Battery Life ■ Talk Time 5 Hours

KXTG5932ALM	43000925	

1.8GHZ TOUCH DIGITAL CORDLESS PHONE - ORICOM

Cordless phones with a touch sensitive keypad.
Unique, silky-smooth keypad provides very fast and responsive keying at a single touch to deliver greater speed and user convenience.

- Smart Keylock to avoid false triggering of keypad
- High quality digital answering system
- Speakerphone ■ LCD display with blue backlight
- 60 name and number phone book ■ Caller ID
- 14 ring tones (10 polyphonic) ■ 20 number redial
- Visual message wait indicator ■ Alarm clock

TA2000-2B	43008505	Black
TA2000-2W	43008506	White

1.8GHZ ECO-FRIENDLY DECT PHONE - ORICOM

40% more efficient compared to the previous Oricom P series phones!

- Interference free 1.8GHz DECT phone
- Digital Answering System with remote access
- Call screening ■ Caller ID ■ Wi-Fi friendly
- 20 name and number phone book
- 10 ring melodies ■ 3-way conference call
- Digital clarity, security and range
- Up to 120 hours standby/ 12 hours talk time
- Range of up to 300m (in ideal conditions)
- 12 month replacement guarantee

ECO601WH	43001295	
ECO600-2WH	43001297	+1 handset

DIGITAL ANSWERING MACHINE - ORICOM

- High quality digital message recording
- 40 minute digital recording capacity ■ 2 mail boxes
- Power fail protection (9V battery not supplied)
- Auto save ■ Variable greeting (Up to 60 seconds)
- Voice time and day stamp
- Digital speaker volume control
- Call party control (Stops recording if required)
- Remote message retrieval

AM100	43040010	

DIGITAL ANSWERING MACHINE - ORICOM

- Digital Answering System with Caller ID
- 40 minute recording capacity
- Voice Time & Date Stamp
- Power Fail Protection
- Records your greeting and the caller's messages in the phones advanced flash memory which also saves the messages if there is a power failure
- Message Indicator

AM880	43040015	

CLOCK RADIO PHONES

CORDED PHONE/CLOCK RADIO - ORICOM

Stylish phone/clock/radios compact fits easily on any bedside table

- Radio mutes automatically when handset is lifted or phone rings ■ Compact design
- Backlit handset keypad
- High contrast backlit display ■ 12-hour alarm clock
- AM/FM radio with digital tuning
- Visual ring indicator ■ 10 phone number memories
- Ringer loudness control
- 5 level handset receiver volume
- Hearing aid compatible ■ Last Number Redial
- Battery Backup

TCR10BK	43020025	Black
TCR10WH	43020030	White

VOIP PHONES

VOIP USB PHONE - I-ROCKS

A sleek powerful tool and easy to carry USB phone allows you to communicate with others through Internet. Simply plug-in to your net connected PC and enjoy the savings VOIP calls have to offer.

- PC to PC or PC to Phone
- Crystal clear voice communication
- Minimum noise
- Compliant with USB 2.0 full speed operation
- LCD Screen for displaying address book and communication record
- Dual mode change function through one key (PCOS Windows mode and phone mode)
- No power, memory, sound card required
- Supported applications: MSN, NetMeeting, Yahoo messenger, and 100% compatible with Skype

IR2510BK **43050010**

TELEPHONE ACCESSORIES

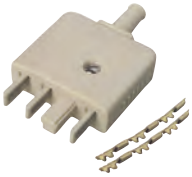
PLUGS & SOCKETS

RJ45 SPLITTER 1X PLUG TO 2X SOCKETS

- Splits one 8 position socket into two sockets
- Ideal to split an existing Category 5 wall socket for use with 2 separate devices

PK4540 **30634540**

AUSTRALIAN TELEPHONE PLUG



Standard multi-purpose Australian in-line telephone plug, supplied with 6 - crimp quick lugs

TEL2001 **43072001**

AUSTRALIAN TELEPHONE WALL SOCKET

Universal Wall mounting version of TEL2008 with cable entry through base

TEL2009 **43072009**

MODE 3 ADAPTOR

Special double adaptor with wiring configuration as required by most facsimiles, modems and dialers etc.

TEL2010 **43072010**

MODE 3 WALL SOCKET

Socket with stepped keyway for facsimiles, modems and dialers etc.

TEL2012 **43072012**

DOUBLE ADAPTOR

- Compact universal double adaptor
- 6-Conductor parallel configuration
- Suits most telephones and answering machines

TEL2016 **43072016**

AUS-USA TO AUS ADAPTOR

Standard Australian plug to Standard Australian and 6 pin U.S type modular telephone socket

TEL2032 **43072032**

AUSTRALIAN- 2 X MODULAR ADAPTOR

Standard Australian plug to 2 x 6 pin U.S type modular telephone sockets

TEL2040 **43072040**

AUSTRALIAN- 3 X MODULAR ADAPTOR

Modular triple adapter 6P6C Plug to three 6P6C sockets

TEL2045 **43072045**

6P4C MODULAR DOUBLE ADAPTOR

Two pieces of equipment with U.S. modular plugs can be connected to one U.S. modular socket

- This adaptor is suitable for either 6P2C (6-Way/2-Wire) or 6P4C (6-Way/4-Wire) line cords

TEL5001 **43075001**

RJ45 1M-2F ADAPTOR

- Two pieces of equipment with U.S. 8P8C (8-Way/8-Wire) modular plugs can be connected to one U.S. (8-Way/8-Wire) modular socket

TEL5003 **43075003**

6P4C FEMALE JOINER

Modular couplers allow two cords with U.S. plugs to be coupled

- Perfect for joining short cords or as gender changers
- 6 PIN: Suitable for either 6P2C (6-Way/2-Wire) or 6P4C (6-Way/4-Wire)

TEL5009 **43075009**

8P8C FEMALE JOINER

- Perfect for joining short cords or as gender changers
- 8 PIN: Suitable for 8P8C (8-Way/8-Wire)

TEL5011 **43075011**

6P6C SURFACE MOUNT SOCKET

Skirting board surface mount U.S. 6P6C modular socket. Supplied with wood screw, and adhesive pad for instant mounting

- Clip on cover
- Screw terminations
- Size 42 x 60 x 23 mm HWD

TEL5040 **43075040**

8P8C SURFACE MOUNT SOCKET

Skirting board surface mount U.S. 8P8C modular socket. With wood screw, and adhesive pad for instant mounting

- Clip on cover
- Screw terminations
- Size 50 x 60 x 23 mm HWD

TEL5041 **43075041**

6P4C SURFACE MOUNT SOCKET

Skirting board surface mount U.S. 6P4C modular socket. Supplied with adhesive pad for instant mounting

- Clip on cover
- Screw terminations
- Size 32 x 50 x 20 mm HWD

TEL5042 **43075042**

6P4C TWIN SURFACE MOUNT

Skirting board surface mount 2 X U.S. 6P4C modular sockets. Supplied with wood screw, and adhesive pad for instant mounting

- Clip on cover
- Screw terminations
- Size 42 x 60 x 23 mm HWD

TEL5043 **43075043**

MODULAR TO PLUG ADAPTOR

Adapts 6P4C U.S. modular plug to Australian socket

TEL5113 **43075113**

MODULAR TO SOCKET ADAPTOR

Adapts 6P4C (6-Way/4-Wire) U.S. modular plug to Australian telephone plug

TEL5117 **43075117**

WALL PLATES - MODULAR

PHONE WALL PLATE - HPM

- Standard white phone wall plate accepts: TEL2009 & TEL2012 surface wall sockets

D770TOPLWE	43072015

6P4C FLUSH WALL SOCKET

- Single 6P4C modular socket with screw terminations on standard Australian sized wall plate
- Suitable for mounting on plaster or fibre cavity walls

TEL5030	43075030

MODULAR TELEPHONE WALL PLATE

- Wall phone bracket allows easy mounting of 6P4C U.S. style wall telephones
- The line is connected from the bracket to the phone by a 30mm modular cord the phone is anchored to the wall by two studs on to which the phone slides

TEL5048	43075048

2 OUTLET MODULAR WALL PLATE

- Wall Bracket with Two Extensions
- Wall phone bracket allows easy mounting of 6P4C U.S. style wall telephones
- PLUS extra connections on the sides for other phones and / or Fax machines
- A 300mm modular cord is included to connect to the bracket

TEL5049	43075049

LEADS

TELEPHONE EXTENSION LEADS

- Extend the length of your telephone line cord
- Standard Australian plug & socket with 4 conductors, suitable for most telephones

TEL3230	43073230	3m
TEL3250	43073250	5m
TEL3256	43073256	10m
TEL3265	43073265	15m

5M HANDSET CURLY CORDS - PRO2

- 5 metre 4 conductor coiled cords fitted with 4P4C (4-Way/4-Wire) U.S. modular plugs on both ends
- Suitable for replacement / extension telephone handset

TEL4501	43074501	White
TEL4502	43074502	Black

20CM RJ12 TO RJ12 LEAD

Short lead with RJ12 (6P/2C) to RJ12 (6P/2C) modular plugs

TEL5050	43075050

3M P6052 TO RJ11 LEAD

- 3 metre line cord to suit modular telephones
- 6P4C (6way-4 wire) modular plug for connection to phone and standard plug for telephone line

TEL5051	43075051

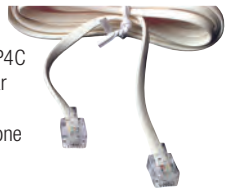
RJ45 TO RJ12 LINECORD

Extension lead with 8P4C (8-Way/4-Wire) modular plug to 6P4C (6-Way/4-Wire) modular plug

- 4 Conductor flat telephone cable

TEL5072	43075072	2m
TEL5075	43075075	5m

MODULAR PLUG TO PLUG LEADS



- Extension leads with 6P4C (6-Way/4-Wire) modular plugs on each end
- 4 conductor flat telephone cable

TEL5052	43075052	2m
TEL5053	43075053	5m
TEL5057	43075057	10m
TEL5058	43075058	15m

15M MODULAR EXTENSION REEL

- Compact, stylish extension reel
- RJ12 connectors
- 15 metre Length
- Constructed from durable plastic

TEL5060	43075060

FILTERS

ADSL LINE FILTER + SPLITTER

ADSL Line Filter Allows you to use your ADSL connection and your telephone at the same time

TEL1180	43071180

ADSL2+ LINE FILTER + SPLITTER

- Works with ADSL2+ ■ RoHS Compliant
- Telstra listed ■ Compliant to ACA Requirements
- 4 stage Filter minimises Cordless phone interference
- Compatible with Mode-3 connection
- Compliant to AS/ACIF S041 : 2005
- Conforms to RCIT.0004

ADSL28	43071192

CENTRAL ADSL SPLITTER

To use any telephony device, such as a fax machine or headset with your existing ADSL line, you have to use ADSL filters/splitters

- High quality low pass filter with optimum performance
- Surge and overload current protection
- Wall Mounting
- Multiple Input and Output Termination
- Additional Wall Outlet not required

ADSL4	43071190

RINGERS

PHONE EXTENSION BELL - PRO2

Plugs into standard telephone socket and rings when an incoming call is received

- 10 metre cable for bell to reach high positions
- Built-in on/off switch

TEL1201 43071201

LOUD TONE RINGER - PRO2

- Quality loud tone ringer
- Wall mounting facility
- On/Off Switch
- Multiple tone/pitch selections
- Volume Control
- Multiple Input Termination
- 8-12 Ohms Horn Speaker Output Connection
- No Battery or External Power Required

TEL1202 43071202

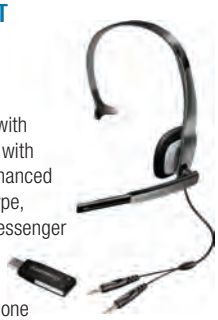
HEADSETS

BLUETOOTH HEADSET - PLANTRONICS

- QuickPair technology ■ Headset Volume Controls
- LED indicators for: incoming calls, missed calls and low battery
- Up to 6 hours talk time, 200 hours on standby
- Omni-directional microphone
- Micro-USB charger ■ Weighs: 15 grams

PT-EXP220 43070010

USB MONO HEADSET - PLANTRONICS



Connect the USB headset with an analogue connection or with the USB sound card for enhanced digital audio quality for Skype, Windows Live, or Yahoo Messenger Internet calling

- Noise-canceling microphone
- Single, cushioned swivel-mounted ear cushion

PT-AUDIO610 20550022

MONO VOIP HEADSET - SENNHEISER

- Over the ear monaural headset, ideal for inexpensive internet telephony and laptop use
- Robust microphone for high speech intelligibility
- Adjustable microphone position and ear clip
- Wearable over-ear left or right ■ Voice recognition
- Internet telephony compatible ■ Skype certified
- In-line volume control and microphone mute switch

PC111 20550025

VOIP HEADSET WITH HEADBAND - SENNHEISER

- Single sided starter headset with super acoustics, best in class and top value for money
- Adjustable and pivotable microphone boom
- simple plug 'n' play solution enables effortless connection to PC or laptop ■ Skype certified
- Voice recognition, internet telephony and all VoIP applications

PC20 20519120

STEREO VOIP HEADSET - SENNHEISER

- Voice recognition, internet telephony and all VoIP applications ■ Listen to music via your PC/laptop
- Speakers providing superior acoustics even for easy listening ■ Adjustable and pivotable microphone boom ■ Noise-cancelling microphone
- Simple plug 'n' play solution ■ Skype certified

PC30 20519121

STEREO USB VOIP HEADSET - SENNHEISER

- Perfect for internet telephony and easy listening
- Stereo starter headset ■ Simple plug'n'play
- USB adapter with integrated sound card provides superior acoustics ■ Noise-canceling microphone
- A rugged yet lightweight, comfortably fitting headset, for hours of PC use ■ Stereo sound
- Adjustable and pivotable microphone boom

PC35USB 20550030

MULTI MEDIA HEADSET - XTIME

- Professional grade stereo headphone offer top audio performance with a flexible headband
- Adjustable microphone arm
- Speaker: 27mm dynamic type
- Impedance: 32 Ohms ■ Frequency: 100~15000hz
- Microphone: Omni-directional condenser type
- Connector: 3.5mm stereo plug x 2

XT002MD 20515605

MICROPHONE & STEREO HEADSET - PRO2

Headphones:

- Impedance: 32 ohms at 1 kHz
- Sensitivity: 96 dB/mW
- Frequency Response: 20 ~ 20,000 Hz
- Weight approx. 120g (without cord)

Microphone:

- Dynamic Microphone
- Impedance: 600
- Directional: Omni-directional
- Frequency Response: 100~15,000 Hz
- Sensitivity: -78dB/mW

PH95M 20515610

UNIVERSAL HANDSFREE TELEPHONE HEADSET - UNIDEN

Compatible with most cordless phones on the market that feature a 2.5mm headset jack

- Lightweight ■ Convenient and crystal clear
- When plugged in, automatically de-activates the phones speaker and activates the headset mic.

HS910 43070005

ACCESSORY

LINE ISOLATING UNIT FOR MUSIC ON HOLD

Compact LIU allows any audio device having an earphone or audio out socket to be connected to a key telephone system (mode 14 socket required) to provide music to calls that are placed on hold

TEL1150 43071150

SECURITY

CCTV CAMERAS	**D-1**
B&W	D-1
COLOUR	D-1
DUMMY CAMERAS	D-3
LENSES	D-3
BRACKETS	D-3
ACCESSORIES	D-4
CCTV MONITOR	**D-4**
CCTV KITS	**D-4**
DVRS	**D-5**
SECURITY ALARMS	**D-5**
ALARM KITS	D-5
ALARM PANELS & KITS	D-6
PIRS	**D-7**
REED SWITCHES	D-8
SIRENS	D-8
ACCESSORIES	D-9
SMOKE ALARMS	**D-9**
SECURITY BEAMS	**D-10**
CAR ALARMS	**D-10**
KIT	D-10
DETECTORS	D-10
ACCESSORIES	D-10

CCTV CAMERAS

B&W

1/3" CCD B&W CAMERA BODY - DOSS

- Built-In Microphone
- Lens adaptor included suits C/CS lenses
- 1/3 Samsung B/W CCD Image Sensor
- Pixels: 500H x 582V (PAL)
- Resolution: 380TV Lines
- High Sensitive Microphone RCA out socket
- Min Illumination: 0.5 Lux / F2.0
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/50 to 1/100,000 sec
- Auto Iris: AI/AES Switchable (B&W model suitable for Auto Iris lens with an in-built video amplifier)
- Power Source: DC 12V 10% (120mA)
- Size (LWH): 106 x 57 x 53mm

RPV301B **43150552**

1/3" CCD MINIDOME CAMERA - B&W

Very popular Mini Dome camera gives outstanding resolution even in low light.

- Flylead with BNC Video, and 12VDC 2.5mm line sockets to mini 4 pin board plug
- 1/3" Samsung B&W CCD image sensor
- Pixels: 500H x 582V (PAL)
- Lens: f3.6mm/ F2.0 (Angle 92)
- Resolution: 380TVL ■ Auto Iris: AES
- Min Illumination: 0.5 Lux / F2.0
- S/N Ratio: >46dB (AGC off)
- ES: 1/50 to 1/100,000 sec
- Power Source: DC 12V 10% (120mA)
- Dimensions: 62() x 54(H)mm

RPV302 **43150665**

1/3" CCD B&W MINI CAMERA

Housed in a black compact fully shielded metal case. Supplied with mounting bracket, and leads with DC socket and BNC Video out socket.

- Connects to any standard video input
- 1/3" SAMSUNG B&W CCD Image Sensor
- Pixels: 510H x 492V (PAL) ■ Resolution: 380TVL
- Auto Electronic Shutter, Auto BLC
- Lens: f3.6mm/ F2.0 (Angle 92)
- Min Illumination: 0.5 Lux / F2.0
- S/N Ratio: >46dB (AGC off)
- Electronic Shutter: 1/60 to 1/100,000 sec
- Power Source: DC 12V 10% (120 mA)
- Dimensions (WHD): 36x 36 x 14mm

RPV304 **43150668**

1/3" CCD B&W BULLET CAMERA

- 1/3" Sony B&W CCD sensor
- Pixels: 512H x 582V (PAL)
- Resolution: 380TVL
- Auto Electronic Shutter, Auto BLC
- Lens: f3.6mm/ F2.0 (Angle 92)
- Min Illumination: 0.1 Lux / F 2.0
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/50 to 1/100,000 sec
- Power Source: DC 12V 10% (12 0mA)
- Dimensions: 74(L) x 21.5() mm

RPV307 **43150700**

1/3" CCD B&W IR OUTDOOR CAMERA

- Mini sized (HWD 60 x 65 x 105mm)
- Hi Resolution 1/3" 0.5 LUX 380 LINES CCD camera
- IP57 waterproof housing with LED night illumination
- Auto activated illumination, clip on sun shield
- IR illumination: 10 m ■ Universal mounting bracket

RPV307R **43150703**

COLOUR

1/3" 530TVL COLOUR BODY

1/3" Sony high resolution colour CCD sensor

- 530 [PAL] I 580 [NTSC] TVL
- 4 zone privacy area masking
- 4 zone motion detection
- Menu driven options
- Auto-iris output
- DNR (Digital Noise Reduction

XC229S **43150612**

1/3" CCD MINI COLOUR CAMERA

- Sensitivity: 1.0 Lux/ F1.2
- Effective Pixels: 500 (H)x582(V)
- Electronic shutter: 1/50~1/100,000 Sec, Automatic
- Power: 12V DC Regulated 5% @ 120mA

MCC35 **43150721**

1/4" CCD COLOUR PINHOLE BOARD CAMERA

- Pixels: 512H x 582V (PAL)
- Resolution: 330TVL
- Auto ES, Auto BLC
- Lens: f3.6mm/F2.0
- Min Illumination: 2.0 Lux /F2.0
- Electronic Shutter: 1/50 to 1/100,000 sec
- Power : DC 12V 10% (150mA ■ 32mm x 32mm

RPV454 **43150677**

1/3" CCD OUTDOOR COLOUR CAMERAS

1/3" Sharp High resolution colour CCD

- DSP (digital signal processor) chipset
- Anti-aliasing filter ■ Weatherproof
- 24 Infrared LEDs: 20m range
- Minimum illumination: 0 LUX with built-in IR LEDs
- Board lens 3.6m / F2.0
- Auto Electric Shutter ■ Auto Gain Control
- Auto White Balance

XB6A7R	**43150705**	380TVL
XB627R	**43150708**	470TVL

1/3" CCD COLOUR OUTDOOR CAMERA

- IR camera with cable management through bracket
- 3.6mm Lens ■ 26 IR LEDs ■ IR distance 20m
- 1/3" colour Sony CCD ■ S/N Ratio: >60dB
- Weatherproof rating IP66

YC-67PH2 **43151005**

1/3" CCD VARIFOCAL OUTDOOR CAMERA

- IR camera with cable management through bracket
- 4-9mm varifocal lens adjustable externally
- 36 LEDs, IR distance 30m
- Weatherproof rating IP66 ■ Sony 1/3" CCD

YC68PH2 **43150711**

420TVL LARGE COLOUR DOME CAMERA

NEW

- Large 4 inch dome ■ DC 12V, 150mA
- Colour 1/3" Sony CCD ■ TV lines: 420 TVL
- Illumination: 1.0 Lux/ F1.2 ■ 3.6mm Lens

BS670D **43150724**

470TVL HIGH RESOLUTION COLOUR DOME CAMERA

- XD621, Sharp 1/3 inch CCD image sensor
- High resolution 470TVL, built in 3.6mm lens,
- Power: 12V DC 100mA, with rotating base (do not need remove cover when adjust camera horizontally)

XD621 **43150726**

VARIABLE LENS DOME

NEW

480 IVL

- 4 Inch Colour Dome Camera
- 1/3 Inch Sony Super HAD CCD
- 480TVL ■ 0.02 Lux ■ DC12V 300mA
- Built in Iris Lens 3.5mm to 8mm ■ 110H x 119 mm

YCM-45H **43151010**

1/4" CCD COLOUR DOME CAMERA

380 IVL

- 1/4" Sharp Colour CCD image sensor
- S/N: > 48dB ■ Min Illumination: 0.8 Lux / F2.0
- Lens: f3.6mm / F2.0 ■ Viewing angle 70
- Plug in flylead with BNC video & 2.5mm line sockets
- Power: 12VDC @ 80mA ■ Size: 95mm x 62mmH

DCCD01 **43157995**

VANDAL AND WEATHER PROOF DOME CAMERA

NEW

420 IVL

- Heavy Duty metal shell, vandal proof design
- Externally adjustable zoom and focus
- 3.5-8mm zoom lens: 1/3 inch colour Sony CCD
- 36 high power LEDS ■ PAL: 512 (H) X 582 (V)
- 25m effective range 420 TVL
- DC12V ±10%,<450mA ■ View Distance 15-25m

BS816 **43150729**

HIDDEN CAMERA IN PIR CASE

NEW

420 IVL

- Pin hole 1/3" colour Sony CCD
- 3.6mm Lens
- DC 12V, 150mA

BS-589SC **43150200**

MINI HIGH SPEED PTZ DOME CAMERA 480TVL

NEW

480 IVL

PTZ Remotely control the **Pan**, **Tilt**, and **Zoom!**

- Worlds smallest PTZ high speed colour indoor Dome
- Sony CCD 480TVL ■ 0-90° tilt ■ DC15V, 100mA
- 10X optical zoom, plus 3X digital zoom ■ 50°/Sec
- 0-255 address, 360° continues ■ 64 preset point
- 3 programmable tour ■ Dim.: 140mmx110mm

LUNA 4 **43150735**

AUTO TRACK HIGH SPEED PTZ CAMERA

PTZ Remotely control the **Pan**, **Tilt**, and **Zoom!**

NEW

480 IVL

- Auto Track intelligent High Speed PTZ Camera. Camera follows you wherever you move!
- Easily controlled via PC ■ OSD menu configuration
- 22x optical zoom ■ 360° continuous rotation
- Control Speed: 0.1°~360°/s ■ 0-90° tilt
- Multi Protocol ■ 7 alarm in, 2 alarm out
- Time schedule ■ 24V AC 17W
- RS-485 connection ■ 128 presets

SPD8300 **43150745**

COLOUR DOME KIT - DOSS

380 IVL

Wall or ceiling mount

A complete camera kit with a compact dome colour camera that can be ceiling or wall mounted with the brackets and fittings supplied.
The camera can be tilted or rotated to cover any area that requires surveillance

- S/N: > 48dB ■ Min Illumination: 0.8 Lux / F2.0
- Lens: f3.6mm / F2.0 ■ Viewing angle 70
- Power: 12VDC @ 80mA
- Includes: 20 m video / power lead
- Dimensions: 80 x 60 x 70mm HWD (Inc Wall Mount)

DDK108 **43157990**

1/3" CCD COLOUR SMOKE DETECTOR HIDDEN CAMERA

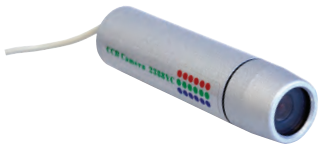
A cleverly disguised high quality security colour camera.

- Resolution: 420TVL
- Minimum illumination: 1.0 Lux
- S/N Ratio: >48 dB ■ White balance: Auto
- Backlight compensation: Auto
- Power supply: DC 12 V +/- 10%
- Operating temperature: -20° C ~ 50° C

RPV919 **43150617**

1/4" CCD HI-RES COLOUR BULLET CAMERA

400 IVL



Digital Colour CCD Camera in an all metal waterproof housing with adjustable ball joint wall mounting bracket.

- 1/4" Sony Super HAD Colour CCD Image Sensor
- Pixels: 500H x 582V (PAL) ■ Auto White Balance, Auto BLC ■ Lens: f3.6mm/ F2.0 (Angle 92)
- Min Illumination: 0.85 Lux / F2.0
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/60 to 1/100,000 sec
- Power Source: DC 12V 10% (150mA)
- 86(L) x 23(Diam) mm (body only)

DCCD02 **43157996**

1/3" CCD COLOUR IR OUTDOOR CAMERA

420 IVL

Vandal proof construction, all metal body with heavy gauge sun shield, features 26 IR leds for night illumination with inbuilt night / day sensor

- Colour 1/3" Sharp CCD Image sensor
- Pixels: 512H x 582V (PAL) ■ IR range: 10 m
- Auto White Balance, Auto BLC
- Min Illumination: 0.5Lux / F2.0 (0.0 lux IR on)
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/50 to 1/100,000 sec
- IP57 waterproof housing with LED night illumination
- Auto activated illumination, clip on sun shield
- HWD 67 x 70 x 134mm (inc. mounting bracket)

DCCD03 **43157997**

1/4" CCD COLOUR CAMERA

380 IVL

High performance image reproduction with 1/4" Sharp CCD colour image sensor

- CS lens mount ■ Pixels: 512H x 582V (PAL)
- Auto white balance ■ (LWH): 114 x 52 x 50mm
- Min Illumination: 0.8 Lux / F1.4
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/50 to 1/100,000 sec
- LED Power indicator ■ DC 12V 10% (150mA)

DCCD04 **43157998**

1/3" CCD COLOUR CAMERA BODY

420 IVL

High performance image reproduction with 1/3" Sharp CCD colour image sensor

- CS lens mount ■ Pixels: 512H x 582V (PAL)
- Auto white balance ■ Min Illumin: 0.5 Lux / F1.4
- S/N Ratio: >48dB (AGC off)
- Electronic Shutter: 1/50 to 1/100,000 sec
- Power Source: DC 12V 10% (150mA)
- Size (LWH): 130 x 55 x 57mm

DCCD05 **43157999**

D

1/3" CMOS CAR REVERSE COLOUR CAMERA

380 TVL

- Built-in board 6mm lens
- 290,000 Pixels (PAL) ■ 92° Lens angle
- 4 Built-in infrared LEDs for night vision
- Mirror function for reverse view
- Automatic exposure, gain and white balance
- Flush mount bumper design ■ 1M Cable length
- Anti-corrosion stainless steel
- DC 12V Supply ■ Includes current buffer
- Waterproof (IP67) ■ RCA Video output

DCMOS01	43158900

DUMMY CAMERAS

DUMMY CAMERA HOUSING

Camera housing that acts as a deterrent to thieves, may be made operational by adding a board camera and lens.

DUMMY	43150400

DUMMY 80MM MINI DOME CAMERA

Mini Dome housing can be used as a visible deterrent to intruders, shop lifters etc, or if required a board camera can be fitted in to it.

DCD	43150405

LENSES

MANUAL CAMERA LENSES

1/4" CS mount lenses, fixed iris, fixed focal length with preset focus adjustment these HQ lenses deliver crystal clear pictures with high resolution and excellent contrast throughout the entire wave length 400nm to 1200nm.

ML4	43150808	4.0mm V:49°
ML6	43150816	6.0mm V:30°
ML8	43150821	8.0mm V:23°

BOARD LENS

Replacement lenses for mini dome and board cameras
- Suits 1/3" cameras

LNS-B6.0MM	43150834	6.0mm V: 40°
LNS-B8.0MM	43150826	8.0mm V: 30°

VARIABLE AUTO IRIS LENS 3.5MM-8MM

NEW

- High quality 3.5 - 8mm
- CS mount support
- Aperture: 1.4 ~ 360
- Viewing angle: 95 ~ 44°
- M.O.D. (meter): 0.3 m
- Dimensions: 38 x 44 x 48 mm
- Weight: 72g
- Made in Japan

SSVO358G	43150855

VARIABLE AUTO IRIS LENS 6MM-15MM

NEW

- High quality 6 - 15mm
- CS mount support
- Aperture: 1.4 ~ 360
- Viewing angle: 54 ~ 23°
- M.O.D. (meter): 0.3 m
- Dimensions: 38 x 44 x 61 mm
- Weight: 97g
- Made in Japan

SSVO615G	43150860

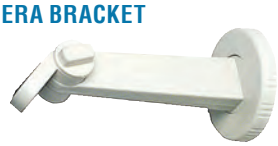
BRACKETS

2 PIECE METAL BRACKET

Beige 4 piece metal camera bracket with plastic base, adjustable ball joint for aiming camera in any direction. Bracket can be set at any angle vertically or horizontally, and can be adjusted at any time by adjusting wing nut ■ Size: 130mmL x 100mm
- Mounting screws and wall plugs are included

15B001	43150925

PLASTIC CAMERA BRACKET



Beige plastic camera bracket with internal cable guide for neat appearance, mounting screws are hidden by screw on cover.
- Bracket can be set at any angle vertically or horizontally, and can be adjusted at any time by unscrewing the base cover & rotating the arm
- Size: 150mmL x 88mm

WA3CCDG	43150932

OUTDOOR HOUSING WALL BRACKET

- Bracket for Outdoor Camera Housing
- Strong all Metal construction
- Overall Length: 300mm ■ Swivel: 360° ■ Tilt: 90°

WA20BWM	43150948

LARGE CAMERA HOUSING BRACKET

NEW

- Ideal for mounting large cameras

DCMB10	43157991

SMALL CAMERA MOUNTING

NEW

- Ideal for mounting small cameras

DCMBSM	43157992

MEDIUM CAMERA MOUNTING

NEW

- Ideal for mounting medium cameras

DCMB05	43157993

CCTV CAMERA WINDOW MOUNT - PANAVISE

NEW

A unique speciality camera mount, perfect for those tricky installations.
- Powerful suction cup pad attaches to any smooth, flat, non-porous surface including windshields, windows and mirrors.
- Full range of motion at the camera (knob adjustment): 210° Tilt, 360° Turn & 360° Rotation
- 1/4-20 stud with locking
- Ratcheted arm has 140° vertical motion; knob locks arm into place
- Suction cup is 3.4" in diameter
- Overall length is approximately 4.5"
- Recommended for cameras weighing up to 1.4kg

WM809	43158990

CCTV FLEX MOUNT 16"

NEW

- For working around corners and other obstacles
- Double wound shaft, will not droop or require safety wires
- Full range of motion at the camera: 210° Tilt, 360° Turn & 360° Rotation
- 1/4-20 stud with lockring
- Knob and tamper resistant set screw adjusting options included

FM817-16	43158991

ACCESSORIES

4 INPUT COLOUR QUAD PROCESSOR

- Connect up to 4+1 (VCR) cameras
- Quad and switch video output

Real Time & High Resolution

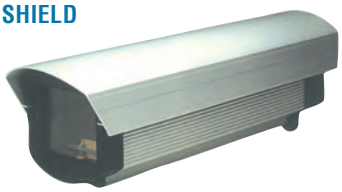
- Real time refresh rate (NTSC: 30 frame/sec; PAL: 25 frame/sec.)
- 720 x 430 (NTSC)/ 720 x 576 (PAL)

Multi-Function

- Independent full screen ■ Auto sequential switching
- Video adjustable on channels
- Video loss indication ■ Freeze feature
- VCR Play Zoom Back ■ RS-232 Port
- Alarm I/0 to Cooperate With Security System
- Power Source: DC 12 V + 10%, 500mA
- Dimension (WHD)240 x 45 x 150mm

RPV704	43150910

OUTDOOR CAMERA HOUSING & SUN SHIELD



- Waterproof anodised aluminium housing
- Cable glands seal out moisture ■ Sun shield
- 3mm thick glass window
- Size (HWD): 120 x 100 x 335mm

OH335	43150940

CCTV CAT5 VIDEO BALUNS

Purpose of CCTV baluns is to allow traditional 75Ω coax cable to be replaced by CAT5 (or better) twisted pair in the CCTV security and surveillance environment, thereby allowing CCTV camera and monitoring equipment to be deployed more cost-effectively using structured cabling techniques.

CCTV balun works with any analog baseband video equipment that supports NTSC, PAL or SECAM systems; CCTV cameras, video multiplexers, video switchers, monitors, scan converters, signal boosters.

- Transmit video & power over one CAT5 cable
- Eliminates the need for coaxial cables
- Fast, and easy installation, saving time and money
- Substantial cost savings of the cable itself

VIDEO ONLY CAT 5 BALUN

- BNC male connector for RJ-45 jack
- Built-in impedance couple device + noise filter
- Passive ■ Requires no power

15-W100V	43150953

BNC - CAT5 BALUN - 2 PACK

NEW

- BNC male to CAT5 twisted pair
- Easy installation ■ 2 pack
- Allows you to use CAT5 up to 305 m

LLT-202E	43150957

POWER & BNC - CAT5

NEW

Twisted Pair Video Transceiver for CCTV

- Transmit video and power over one CAT5 network
- Eliminates the need for coaxial cables
- Fast, and easy installation, saving time and money
- Substantial cost savings of the cable itself

STP111VPK	43150959

IR ILLUMINATOR 10M - DOSS

- Bracket for Outdoor Camera Housing
- Overall Length: 300mm
- 10m Illumination
- Strong all Metal construction
- Swivel: 360 degrees
- Tilt: 90 degrees ■ 28 IR LEDs

DIR10	43157989

CAMERA EXTENSION LEADS

- Tamperproof & Weather Resistant
- High Quality Connectors ■ RCA Extension cable
- All purpose Audio/Video/Power Extension Cable
- Includes gender changers

CEL10M	43157994	10m
CEL20M	43158000	20m

RS232 TO RS484 CONVERTER

NEW

- Control PTZ cameras remotely using CAT5e
- Establishes a connection between your DVRs serial port and your PTZ enabled camera

485C	30578005

CCTV MONITOR

14" SECURITY MONITOR - B&W

- Ideal for security applications
- Video-In via BNC with Video-Out loop through
- Brightness and Contrast control dial
- HWD: 310 x 322 x 320 mm

SM3503	43150517

CCTV KITS

WIRED 1/3" CCD IR CAMERA AND 5" MONITOR KIT - B&W

- 500 TV Line B&W monitor with two-way talk system
- Second camera facility with switches for Camera 1, 2 or auto switching, plus time adjustment
- RCA connections for VCR recording
- Super IR night illumination (0.1 Lux) mini camera with Microphone & Speaker
- 2 Camera mounting brackets
- 20m camera cable
- AC Power pack

MD502	43157945	
MD502C	43157947	Spare camera

2.4GHZ WIRELESS CCTV SYSTEM - DOSS

- 4 Selectable Channels to minimize interference
- Built-in antennas
- Motion Activated
- Plug and Play Simple Operation
- Video & Audio Recording
- Mains or battery operated (power adaptor inc.)

Monitor:

- 6" Flat Screen Monitor
- High Resolution Display
- Video Output for easy display on TVs
- Battery compartment for 10 x "C" cell batteries

Camera:

- Multiple Mounting Options (Table, Wall etc.)
- High Performance Microphone
- 6 night vision sensors
- Battery compartment for 4 x "AA" cell batteries

WLCCTV5	43157984

CCTV

Closed Circuit Television (CCTV) is the use of video cameras to transmit signal to a specific, limited set of monitors. It differs from broadcast television in that the signal is not openly transmitted, though it may employ point to point wireless links. CCTV is often used for surveillance in areas which need monitoring, such as banks, casinos, airports, military installations and convenience stores

D

DVRS

16CH MPEG4 DVR WITH 250GB HDD, NETWORK, USB & DVD BACKUP

NEW

MPEG4 Compression format providing crystal clear images with real time performance

- Built-in 250GB hard drive, with support up to 500GB HDDs
- Allows live display, record, playback, backup, and network operations simultaneously
- Independent Remote Operation : Allows you to individually see the live view of a single channel without changing the display setting from AP side
- 250GB can record more than 26 days (16CH, CIF Normal Quality, 60IPS)**
- Support for USB flash drive, network and DVD-RW drive backup
- Supports remote surveillance up to 5 users simultaneously with licensed software
- R.E.T.R. (Remote Event Trigger Recording)
- Motion detection, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and quick search, customized security environments are achieved
- Alarm trigger recording will send alerts with images via e-mail and FTP
- Support for pre-alarm recording (8MB)
- A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on
- Supports 4 audio-in, 2 audio-out to externally record sounds
- System auto recovery after power reconnected
- PTZ camera operations through RS-485, and PTZ Hot Point function
- Support manual / timer / motion / alarm / network recording
- Support TCP/IP, PPPoE, DHCP and DDNS network connection

RPDVR16K	43150992

8CH MPEG4 DVR WITH 250GB HDD, NETWORK, USB & DVD BACKUP

NEW

- 8 channel version of the RPDVR16K

RPDVR8K	43150994

4CH MPEG4 DVR WITH 250GB HDD & NETWORK BACKUP

NEW

- Live display, record, playback, backup and network operational the same time
- Back up to built-in hard drive, USB flash drive, and network remote recording
- Remote surveillance with licensed software AP and IE browser
- Advanced settings for motion detection & scheduled motion detection recording
- Alarm trigger recording will send alerts with images via e-mail and FTP
- IR remote control of DVR and PTZ cameras through RS-485
- Support TCP/IP, PPPoE, DHCP and DDNS network connection

RPDVR4K	43150996

4 CHANNEL PC DVR

- **Embedded Linux OS**
- **Expandable up to 16ch using RPVCARD4 PCI card**
- Video Inputs: 4 BNC inputs
- Audio Input:1 Channel input and 1 Channel Out put
- Video Outputs: D type 15Pins VGA and TV-Out
- Video Format: NTSC/PAL
- HD Storage Remaining Display
- Video Loss Detection
- MPEG-4 compression method
- Resolution: 640 x 480, 640 x 240, 320 x 240
- Frame rate: 120/240 (NTSC), 100/200 (PAL), @320 x 240
- Pre-Scheduled recording ■ Network Interface; 10/100/1000 Ethernet
- Remote Monitoring: JPEG mode or MPEG4 streaming
- Inputs: 4 NC/NO dry contact inputs ■ Outputs: 4 NC/NO relay

RPVMOD1	43151000

4 CHANNEL MODULAR CARD FOR RPVMOD1

Build your own professional DVR system
This card allows you to increase the number of channels on your RPVMOD1 up to 16 channels

- 4 channel expansion PCI card for RPVMOD1

RPVCARD4	43151001

SECURITY ALARMS

ALARM KITS

WIRELESS ALARM PHONE SYSTEM - DOSS

NEW

A complete Plug & Play system
The WDA-KIT is the perfect security system for the home or office. With no wiring required it makes installation easy and completely portable when it's time to move. Monitor the alarm back to base or have the alarm call you. This alarm has been designed with flexibility in mind.

- Wireless security alarm system with built-in phone
- Simple DIY installation within minutes - no wiring needed
- Choice of 24/7 back-to-base monitoring or self-monitor
- Panic alerts via Remote Control works whether the system is on or off
- Fully portable - take it with you when you leave
- Up to 100 sensors for multiple room window security
- Low battery warning on motion detector sensors
- Caller ID telephone ■ Partial Alarm ■ Multi Zone ■ External Siren (Optional)
- Built in internal Siren ■ Fully certified (CE, A-TICK, Oz-Tel, C-TICK, FCC, UL)

Kit includes:

- 1x main unit ■ 2x remote controls for Arming and disarming (ON and OFF)
- 1x Medical Alert remote control (water resistant) ■ 1x door gap reed switch
- 2x PIRs ■ Easy installation guide and all necessary hardware

WDA-KIT	01301023	Wireless Alarm Phone System Kit
WDA-PIR	01301024	Extra Wireless PIR
WDA-DG	01301025	Extra Wireless Door Gap Reed Switch
WDA-RC	01301026	Extra Wireless Remote Control
WDA-SD	01301027	Wireless Smoke Detector

HOME SAFETY ALERT SYSTEM - DOSS

- A wireless calling/alert device with easy operation and thoughtful design!
- Contains one main unit (receiver) and two calling Units (transmitters)
- Great Product for aged people to get immediate attention or help by simply pressing the button on calling unit!
- Main unit can be powered either by 4pcs AAA(UM-4) batteries (not included) or DC 6V adapter (included)
- Operation range: 100 feet
- Ideal location for main unit: Living room, kitchen, bedroom or any place where it could easily get attention of the calling unit
- 105 dB loud siren
- Provides audio and visual signals

HSATX100 **01308069**

ALARM PANELS & KITS

POWER SERIES SECURITY SYSTEM \ - DSC

The DSC Power 1616 alarm system is the first of three new Power Series systems recently released by DSC. It features 6 hardwire zone inputs on board and can be expanded up to a total of 16 hardwired zones and up to 16 wireless zones.

- Supports up to 8 keypads, 32 user codes, plus a master and supervisor code and has two partitions
- Compatible with all DSC Power Series modules and keypads
- Over 100 new features over the now discontinued 632 model

Kit includes:

- 2x PIRs ■ CD5511 LCD keypad
- Main control unit with SLA battery
- Indoor and outdoor siren
- All necessary hardware with installation guide

PC1616 **01300101**

CD5511 **01300105** Extra LCD keypad

8 ZONE ALARM KIT - NESS

Alarm Kit Comprises of:

- 1x L8 8-Zone Alarm Control Panel
- 2 x Quantum Plus / Ness PIR's
- 1 x PFC2 Plastic Flare Cover
- 1 x TK30B Blue Strobe
- 1 x CHR58AF Flare

NSL8KIT **01301050**

8 ZONE DIAL UP ALARM KIT - NESS

Alarm Kit Comprises of:

- 1x D8 8-Zone Alarm Control Panel with Dialer
- 2 x Quantum Plus / Ness PIR's
- 1 x PFC2 Plastic Flare Cover
- 1 x TK30B Blue Strobe
- 1 x CHR58AF Flare

NSD8XKIT **01301060**

8 ZONE DIALER CONTROL WITH LCD KEYPAD - NESS

Alarm Kit Comprises of:

- 1x D8LCD Control Panel
- 2 x Quantum Plus / Ness PIR's
- 1 x PFC2 Plastic Flare Cover
- 1 x TK30B Blue Strobe
- 1 x CHR58AF Flare

NSD8XLKIT **01301065**

RADIO CONTROL PANEL - NESS

A unique fully self contained panel with an inbuilt keypad for programming and user operation, inbuilt piezo siren and LCD display, inbuilt radio receiver, battery backup and dialer. Supports up to 8 Ness PIRs and up to 15 radio keys.

R8 **01301635**

KEYCHAIN REMOTE CONTROL FOR R8 - NESS

Operating your Ness security system can be as convenient as opening your car door. The Ness Radio Key provides the benefits of separate ON, OFF and PANIC buttons in a slim, waterproof remote control.

100-664 **01301619**

INTERFACE FOR R8 - NESS

D8 radio interface to support up to 14 radio keys each capable of reporting user ID to monitoring station and capable of being programmed to access one or more partitioned areas.
Plus 8 channels for receiving additional radio devices such as Ness Radio PIR and Radio Reed switches.

- 4 Wire connection on to D8 Control Panel
- High sensitivity Superheat Receiver
- Supports up to 14 Ness 3 button wireless pendants
- Surface mount technology ■ Frequency: 303.8MHz

100-200 **01301621**

8 ZONE ALARM PANEL - NESS

- 8 Fully programmable zones ■ Total zone flexibility using any of 16 different zone applications
- Area partitionable with overlapping of zones
- Adjustable sensitivity for vibration sensors on a zone by zone basis ■ Day zone feature
- Single or double trigger zones
- 15 user codes ■ Two button arming feature
- Fire alarm feature ■ True dynamic battery test
- Programmable aux. output ■ Forced arming report
- Programmable siren lockout ■ Panic feature
- Max sirens: up to 3 x 8ohm 10 watt speakers

Contains: L8 Polycarbonate Panel > Size: 300 x 223 x 85mm, L8KP LED Keypad, 12 Volt 6.5 A.H. Battery, 17 Volt AC 14 Amp transformer

L8 **01301638**

L8KP **01301639** Extra LED keypad

2 CH. 315MHZ TX/RX ALARM PANEL REMOTE

Allows alarm panels to be mounted anywhere.
The alarm panels are left in the 'ON' position, the RC001 transmitters arm and disarm the alarm control panel remotely. This allows the alarm system to be set in instant trigger mode.
Digitally coded 9 way DIP switch, can be user recoded in case of loss or theft of transmitters, or if adding new transmitters.

- Shunt/Momentary output
- 2 Miniature coded Key-ring RF remote transmitters
- Receiver module can be mounted inside alarm panel
- LED indicators on Transmitters and receiver to monitor and confirm transmit function
- User coded/recoded

SK910R2	01301661

SPARE REMOTE TO SUIT SK910R2

Extra Remote to suit SK910R2 Keyless Alarm

SK910T	01301677

NESS D8 & D16 DIALLER PANELS

Advanced alarm panels with dialler from NESS

- Input output mapping ■ End of line supervision
- Duress feature ■ Day zone feature
- 15 user codes ■ Single or double trigger zones
- Monitor mode ■ Two button arming feature
- Fire alarm feature ■ True dynamic battery test
- Programmable aux. output ■ Reset table fuses
- Programmable siren lockout
- 30 event memory from keypad
- Panic feature ■ Forced arming reporting
- Standard defaults to suit most applications
- Secure DTMF remote arming/ disarming capabilities
- Max sirens: up to 3 x 8ohm 10 watt horn speakers

System Communications:

- Contact ID format ■ Audible format feature
- Area partitionable with overlapping of zones
- Two programmable 14 digit telephone numbers plus one user programmable follow me number
- Total zone flexibility using any of 16 different zone applications
- Adjustable sensitivity for vibration sensors on a zone by zone basis

8 ZONE PANEL/DIALLER WITH LED KEYPAD

- 8 Fully programmable zones
- 1 Additional 24H input
- **LED keypad**

D8XLED	01301640	
D8KP	01301641	Extra LED keypad

8 ZONE PANEL/DIALLER WITH LCD KEYPAD

- 8 Fully programmable zones
- 1 Additional 24H input
- **LCD keypad**

D8XLCD	01301646	
D8LCDKP	01301647	Extra LCD keypad

16 ZONE PANEL/DIALLER WITH LCD KEYPAD

- 16 Fully programmable zones
- 2 additional 24hr input
- **LCD keypad**

D16XLCD	01301680	
D8LCDKP	01301647	Extra LCD keypad

PIRS

DETECTOR WITH PET IMMUNITY - DSC

- Special designed optical lens with unique Quad (four element) PIR sensor
- ASIC based electronics optimized to eliminate false alarms, caused by small animals
- Supplied with wide angle lens
- Pet immunity up to 25kg

C100	01300110

360° PASSIVE INFRARED DETECTOR - NESS

360° coverage of 8m when installed on a standard 2.4m ceiling.

- SMD technology
- Quantum design
- Selectable Pulse Count (1-2, 3-4) and sensitivity
- Ideal in crowded rooms where objects may block the view of wall mounted detectors
- Detection zones: 34 Dual element zones
- Coverage: 12.8m x 8m
- Mounting height: 2.1m to 5m
- Superior false alarm protection
- Adjustable range (Hi-Lo Shunt)
- RFI Protection ■ Temperature Change Protection
- N/C alarm output ■ 12V DC operation
- Tamper protection
- Dimensions: 102mm x 34mm Deep

IR360	01303490

PASSIVE INFRARED DETECTOR

- Dual pyro elements
- Pulse Count (2 or 4)
- Dual Polarity signal analysis
- SMD technology
- White light protection
- Vertical calibration scale
- Alarm output: N.C.
- Tamper switch: N.C. 100mA
- High-quality dust-free lens
- Wide Angle: 120 x 15m
- Unique EMI & RFI protection
- Size: 82 x 64 x 44mm

EC301	01303525

CROW INFRARED DETECTOR

Talon series Passive Infra Red Detector with hard shell attack proof lens

- Optomos relay for lifetime operation
- No vertical calibration needed when mounted 5~10 feet
- Bi directional temperature compensation
- Total environment immunity
- Dual mode sensitivity adjustment
- Max RFI & EMI immunity
- Max coverage: 15m long x 21m wide

TLC-15	01303536

QUANTUM PIR - NESS

- 15m wide angle detection
- SMD technology
- Dual element low noise sensor
- Very High R.F.I & E.S.D rejection
- Selectable pulse count & range
- Coverage 45' wide x 90' long
- Hi/Lo sensitivity
- Alarm output: N.C.
- Pre alarm pulse indication
- Tamper switch: N.C.
- Size: 80 x 65 x 50mm

Q100-055	01303537	
Q100-695	01303541	Pet-aware

QUANTUM DUAL PIR -NESS

- Dual Technology (Microwave and Passive Infrared) detector
- Virtually eliminates false alarms but faithfully detects intruders even in the harshest environments.
- Quantum Dual has individual microwave and PIR range controls
- PIR pulse count
- Automatic temperature compensation and very high R.F. rejection.
- True 15 meter range plus creep zone
- 3 LED display ■ Wall/ Corner mounting
- 15 x 15m detection zones on 3 levels
- Tamper proof cover
- Alarm relay: N.C. with 47R series resistor
- Power: 9-15 V DC @ 25mA
- Size: 70 x 123 x 50mm (WHD)

Q100-204	01303539	
Q100-694	01303545	Pet-aware

QUANTUM+ PIR DETECTOR - NESS

- 15 metre wide angle PIR
- 20 dual-element zones plus creep zone and high RF immunity
- SMD technology
- Pulse count and sensitivity adjustments
- Automatic temp. compensation
- Tamper switch protection
- Detection: 90 x 15M
- True 15m wide x 30m long
- Alarm output: N.C. ■ Power: 9 ~ 16 V DC
- Size: 63 x 119 x 58mm (WHD)

Q100-227	01303549

RADIO PIR - NESS

The Ness radio PIR features a slimline housing with separate battery compartment.

- Range up to 12 metres with auto temp compensation and creep zones
- With radio frequency supervision and encryption when used with Ness radio interface
- Battery saving mode will report battery low condition
- Power: 9V Lithium

Q100-691	01303550

REFLEX PASSIVE IR

Stylish design supplied with two tamperproof brackets designed for wall or ceiling mounting.

- Fast/ slow/ normal pulse count
- Adjustable mounting height
- Alarm output: N.C.
- Walk test: Enable, disable
- Adjustable sensitivity
- Dual element low noise sensor
- Coverage 62' wide x 40' long
- Tamper switch: N.C.
- 24 V DC @ 50mA ■ Size: 90 x 63 x 40mm

RF650	01303560

MINI ALL-IN-ONE PIR ALARM

Detects entering person by comparing constant background temperature with rapidly changing temperature created

- Detection Coverage: Fan shaped Area of 130°
- Distance up to 10 m
- Wall, Ceiling or Desktop mount
- Flylead supplied so that the TK2 can be connected with Door Bell Button
- Selectable Alarm, Chime, Off Function
- Requires 9V battery or AC Adaptor
- Size: 90 x 60x 60mm ■ Weight: 90g

TK2	01303685

OUTDOOR MOVEMENT SENSOR

PIR security sensor lighting

- Load: 1200W max
- Detection: 180 x 40ft
- Adjustable angle: 180° Vertical
- Auto Stop time: 5 sec/12 minutes

ES34	01308056

REED SWITCHES

REED SWITCHES

The reed switch is an electrical switch operated by an applied magnetic field. It consists of a pair of contacts on ferrous metal reeds in a hermetically sealed glass envelope. The contacts may be normally open, closing when a magnetic field is present, or normally closed and opening when a magnetic field is applied. The reed relay is a type of relay, in which a reed switch is mounted inside a coil.

ROLLERDOOR REED SWITCH

All metal housing designed to be attached to the floor, not damaged if run over by rubber tyres.

- Reed mounted on metal right angle bracket to be attached to the bottom of the roller door
- Reed housing: 110 (L) x 45 (W) x 10 (H) mm
- Magnet assembly: 100 (L) x 50 (H) x 50 (D) mm

RSC40	01305510

REED SWITCH N/C

Standard N.C. sealed reed switch with 220mm flylead and magnet in white plastic housing, spacer plates provided to position reed switch for optimal operation

- Reed size: 20 x 15 x 60mm (WHL)
- Magnet size: 13 x 15 x 60mm (WHL)

SR2	01305517

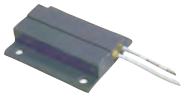
CHANGE OVER REED SWITCH WITH N/O & N/C

Reed switch which can be set to either N.O or N.C.

- White plastic housing for switch and magnet
- Can be screw mounted or attached by included double sided tape
- Size: 13 x 18 x 90mm (WHL)

SR3	01305524

MINI SURFACE MOUNT REED SWITCH



Miniature N.C. and N.O. reed switches and magnets in grey plastic housing

- Pre-wired 305 mm leads
- Wide gap performance 19mm
- Dim.: 12 x 6 x 31mm (WHL) incl. mounting flange

SM205	01305533	Normally closed
SM208	01305537	Normally open

MINI FLUSH MOUNT REED RELAY

N.C. reed switch & magnet, in tubular plastic housing.

- Push fits into 10mm drill hole
- Pre-wired 200 mm leads
- Size: 10 x 30mm Length

D20	01305549

KEYPAD ENTRY ALARM SYSTEM - DOSS

- 3 Settings: Chime/ Instant/ Delay
- Wireless/ Battery Operated ■ Panic Button
- Loud 110dB Alarm ■ Magnetic Sensor Technology
- Easy Installation ■ Requires 3 x "AA" Batteries
- Size: 125 (H) x 79 (W) x 25 (D) mm

KP100	01308067

ENTRY WARNING REED SWITCH - 4 PACK - DOSS

Monitor entries and exits throughout your home or business with the PRS4 pack. 4 easy stick-on reed switches to place in various points of entry.

- Panic Button ■ Chime/ Off/ Alarm Settings
- 90dB Loud Alarm ■ Magnetic Sensor Technology
- Easy Installation- No screws, no wiring!
- Operates on 3 x 1.5VLR44 button cells (Included)
- Small Size: 62 (H) x 28 (W) x 19 (D) mm

PRS4	01308068

SIRENS

COMPACT SIREN (BATTERY BACKUP)

Robust and compact 20 Watt siren with saddle type mounting bracket that adjusts for mounting at any angle.

- Very loud 125dB 12V electronic siren
- Built to fit in all engine compartments
- Battery Backup ■ High security key barrel
- - -Ve trigger input/ - + Ve trigger input

AR105	01261575

PIEZO REVERSING BUZZER

Compact size, Ideal reversing buzzer

- Current: 150mA
- Sound Output: 110dB @ 1M
- Size: 50 x 45mm Deep

P1-101	01264540

COMPACT MULTITONE SIREN

- 6 Different Tones automatically sequenced
- Power Rating: 20 Watts
- Sound Output: 120dB@1M
- Size: 105 x 130mm Deep

VAE318-017MT	01264572

12V ELECTRONIC SIREN

NEW

- Compact 120db 12 volt electronic siren
- Waterproof design
- Neodymium speaker
- Small design to fit into most engine compartments

VAE318-017	01264578

ELECTRONIC SPEAKER/ SIREN COMBO

- 4 wire output
- 2 wires for a 10W 8Ω connection and 2 wires for a 12V DC siren
- 110db output ■ Current: 300Ma
- Dimensions 95mm Ø x 93mm

CDS35B	01264579

DUAL TONE PIEZO SIREN

- Suitable for wall or ceiling mount
- Output Level: 105dB @ 1M
- Voltage: 7.5 ~ 15V ■ Current: 200mA
- Colour: Cream ■ Size: 86 x 45mm Deep

AD60HL	01307001

12V INTERNAL SIREN - NESS

- Clip on dress ring hides mounting screws
- Surface mount for wall or ceiling mounting
- V Input 12 to 14Volts DC ■ SPL @ 1M =118dB
- Impedance 8Ω ■ Current: @12V=500mA
- Size: 115 x 50mm Deep

E172	01307010

PLASTIC SIREN COVER

High quality unbreakable plastic flare cover guaranteed for 5 years against UV degradation.

- Louvres provided to distribute the sound
- Moulded guides accommodate Combo 12V siren and optional tamper switch (SP3017: See components page I-13)
- Mounting holes on the bottom for mounting stobe
- Internal Size: (WHD) 170 x 150 x 145mm
- External Size: (WHD) 220 x 180 x 155mm

PFC2	01307034

ACCESSORIES

PIR BRACKET - NESS

Quantum bracket for wall or ceiling mounting of Quantum PIRs

- Swivel ball joint for huge range of vertical or horizontal positions

Q100-243	01303546

SECURITY STICKERS - 10 PACK

NESS 10 Pack Window Security Stickers

SECKIT10	01304702

VOICE DIALERS FOR REMOTE MONITORING

The Nidac dialler is suitable for a wide variety of equipment including, alarm panels, medical dialing systems and industrial equipment.

- 15 second user recordable message
- 6 different programmable phone numbers
- Remote shut-down ■ 7-segment display
- 10 year nonvolatile memory for voice & data storage

DT1 > 1 Alarm input (DT1)
DT6I/S> 5 Alarm inputs, each with user recordable message, internal battery low alarm

DT1	01306012	1ch dialler
DT6I/S	01306015	6ch dialler

MOUNTING BRACKET FOR DT1 & DT6I/S

Mounting bracket to suit the DT1 dialler

DT1MB	01306017

GENERAL PURPOSE TIMER

Timer module with 4 timer ranges

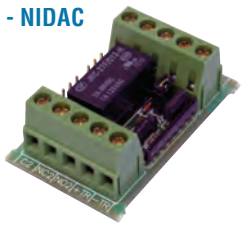
- 7 Operating modes: Normal timer, pulse, dual edge, delay on, delay on retriggerable, bi-stable (Cluch operation)
- Heavy duty 5 amp C/O relay with LED
- Trigger current 1ma

Timer rangers:

- > 1 to 127sec in 1sec increments
- > 10 to 21sec in 10sec increments
- > 1 to 127min in 1min increments
- > 10 to 21hrs in 10min increments

CT1	01306013

2 POLE DOUBLE THROW CONTROL RELAY - NIDAC



- Suitable for 12 or 24 Volt operation
- 2 Amp rated relay
- Low 1.2mA input current
- In-built- TR pull up operation ■ LED indicator
- Double sided tape mounting

CR2PDT	01306018

12V STROBE LIGHTS

High intensity flashing strobe, suitable for intermittent use as in security systems. Weather proof suitable for outdoor use.

- Power: 12Volt DC ■ Current: 180mA @ 12VDC
- Dimension: 76 x 49mm High
- Mounting bolt spacing: 55mm

TK30B	01306501	Blue
TK30R	01306505	Red

SECURITY PRESSURE MAT

Floor pressure mats are designed to detect a person treading on them.

- An ideal security solution, the PM100 offers a low cost covert method of detecting a person.
- Apart from security related uses, the PM100 can be used to trigger other devices (ie. You could have the PM100 trigger a multimedia presentation when you tread on it)
- High impact PVC material ■ Trapped air cushion
- Size: 800 x 540mm

PM100	01308066

SMOKE ALARMS

IONISATION SMOKE ALARM WITH "HUSH"

"Hush Control" silences false alarms that can occur in kitchens, bathrooms etc.

- Mounts to ceiling with 2 screws
- Test button
- 9 V battery included
- Battery low warning
- Pulsating 85 dB loud siren

1926SA	01307540

PHOTOELECTRIC SMOKE DETECTOR

Advanced 90° photoelectric detection pattern and specially designed smoke chamber for superior detection and dust resistance. Unique high S/N ratio and superior RFI immunity to prevent false alarms.

- Solid state LED Indicator
- Auto self test every 40 seconds
- Relay switching N.O. ■ System Voltage: 12v DC
- Simple to connect screw terminals via 4 wire cable to alarm panel

MN240S **01307505**

9V PHOTOELECTRIC SMOKE ALARM

9 Volt Photoelectric Smoke Alarm
Sensitive to slow smouldering and other fires

- Red LED light
- 85 decibel alarm
- Anti-tamper feature
- Test button
- Alarm silencer
- Low battery warning
- Photoelectric sensor
- Compliance: Tested and passed to AS 3786-1933
- 9 volt DC battery (inc)

LIFPE9H **01307545**

Ionisation vs. Photoelectric

Ionisation smoke alarms may detect visible fire particles associated with fast flaming fires sooner than photoelectric smoke alarms. Conversely, photoelectric smoke alarms may detect visible fire particles associated with slow smouldering fires sooner than ionisation smoke alarms. Fires develop in different ways and are often unpredictable. For maximum protection, it is recommended that both ionisation and photoelectric smoke alarms be installed.

SECURITY BEAMS

INFRA RED DOOR BEAM

Detects visitors, customers and intruders passing through various points of entry

- Transmits an invisible IR beam
- Simple D.I.Y. installation ■ Warning buzzer
- AC/DC 9V Adaptor (included)
- Retro-reflection
- Sensing range: 0.5~6 meters (18 feet)
- Adjustable volume speaker and timer

DES-700 **01301656**

DIGITAL COUNTER TO SUIT DES-700

Automatically tracks how often the DES-700 is triggered

- Push buttons to manually add to or subtract from counter, or to reset to zero.
- Plugs into speaker - no wiring needed
- Other applications: offices, schools, warehouse, vehicle detection, etc

DES-700C **01301657**

EXTENSION BUZZER FOR DES-700

This neat and compact buzzer can be mounted anywhere and is recommended as an addition to the Infra Red Door chime (DES-700) as an extension alarm.

IR100EB **01301658**

CAR ALARMS

KIT

CAR ALARM

Fully programmable unit with Auto arming

- Arm/Disarm chirps ■ Current sensing
- 05 - 50 second C.D.L output
- Siren duration 60/30 sec ■ Immobilisation on/off
- Smart power up ■ 2 channel transmitters
- Panic switch ■ Adjustable shock sensor
- Boot release output ■ Full central lock outputs
- Cooling fan isolation ■ Dash mounted LED indicator
- 3 trigger sectors ■ Triggered sector isolation
- Valet mode ■ 2 Button Code Hopping Transmitters
- Programmable Transmitters ■ Exterior Illumination
- Full Central Door Locking Outputs
- 7 Sector Protection ■ Current Sensing
- 2 Stage Immobilisation
- Dash Mounted Warning Lamp (L.E.D)
- Master Override ■ All Black Wiring
- 12 MONTH WARRANTY

VAE318-2600 **01261560**

DETECTORS

MICROWAVE DETECTOR

Dual zone detector, designed to protect the interiors of convertibles. The microwave emits a series of harmless beams and triggers the alarm if movement is detected.

VAE318-72 **01262512**

ULTRASONIC DETECTOR

This kit consists of two miniature sensors, and a control box with sensitivity adjustment. The crystal locked sensors are mounted in the upper corners of the windscreen, they require two triggers within 1.5 seconds to activate the alarm.

VAE318-04 **01262508**

SHOCK DETECTOR

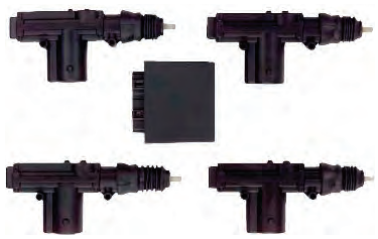
Designed to trigger with light or heavy impact. Shock or vibration will produce a momentary ground output on the trigger wire, this will active the vehicle alarm.

- Sensitivity adjustment with LED indicator
- Easy to mount ■ Size: 44 x 60 x 25mm (WHD)

VAE318-05 **01262518**

ACCESSORIES

CENTRAL LOCKING KIT



Complete 4-door central locking kit. Compatible with VAE318/2600 RF remote alarm system. All necessary instructions, hardware and wiring supplied.

- 2 Master actuators ■ 2 Slave actuators
- Universal bracketry ■ Rubber grommets
- 1 up/down module (+ve/-ve inputs)
- This kit can be fitted to all cars and interfaced to all alarm systems which provide a central locking output

VAE316-400 **01263008**

KEY FOB LEARNING REMOTE

This key fob transmitter will learn the code of a cars' transmitter. Brand name replacements are very expensive and sometimes impossible to get. This will solve the problem. This remote will learn up to 4 different frequencies.

- Suitable for garage door openers (Check your frequency first)
- Supplied with full instructions
- Frequency range: 250 ~ 450MHz
- NOTE: Not suitable for code hopping alarms
- 12 Months Warranty

LR250-450 **01263009**

D

INDOOR/ OUTDOOR

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DESK	E-1
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CLOCKS

ALARM

QUARTZ ALARM CLOCK - MAXIM

- Distinctive arc style, easy-to-read dial
- Pleasant alarm tone with top mounted shut-off
- Precision quartz movement with sweep second hand
- 1 x AA batt (not incl.)
- Size: 85mm Ø

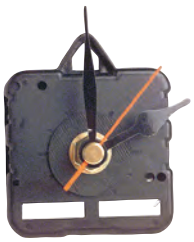
A810 08010700

FOLDING TRAVEL CLOCK - MAXIM

- Large digit LCD display with backlight
- Folds into a compact pocket case
- Alarm with snooze
- Quartz movement
- Requires 1 x AA battery (not included)

WALL

XC0100 QUARTZ CLOCK MOVEMENT



Fix your old clock - or make a new clock

- Compact, self starting uses one AA battery
- 15 sec/month accuracy ■ Supplied with hands
- Inc. sweep secondhand ■ Size: 56 x 56 x 15mm

WM12 08250760

9" QUARTZ CLOCK - COPAL

- Thin round border with 225mm Ø
- Clear, easy to read Arabic dial, and red sweep second hand
- Requires 1 x "AA" battery (not Incl.)

CS1067 08250778

10" WALL CLOCK - COPAL

- Thin round border with 230mm Ø
- Extremely accurate heavy-duty quartz movement
- Large fully-figured Arabic dial, sweep second hand
- 36mm in depth ■ White with Black numerals
- Requires 1 x "AA" battery

2500CLK 08251233

10" WALL CLOCK - JADCO

- Thin round border with 260mm Ø
- 36mm in depth
- Extremely accurate heavy-duty quartz movement
- Large fully-figured Arabic dial, sweep second hand
- Colour: White with Black numerals
- Requires 1 x "AA" battery

6200CLK 08251265

13" WALL CLOCK

- Thin round border with 330mm Ø
- Extremely accurate heavy-duty quartz movement
- Large fully-figured Arabic dial, sweep second hand
- Colour: Silver with Black numerals
- Requires 1 x "AA" battery

CLKXG1121 08251241

JUMBO DIGITAL WALL CLOCK - MAXIM

- Jumbo LCD 12/24 Hour selectable clock
- Date Month/ Day Display ■ Daily Alarm
- Second Count ■ °C, °F Temperature Display
- Special Day Alarm Function
- Temperature/Day Count Autoscroll
- Wall Mount or Table Mount options

WC305 08250815

DIGITAL WALL CLOCK

- 12/24 Hour selectable clock ■ Daily Alarm
- Date Month/ Day Display ■ Second Count
- °C, °F Temperature Display
- Wall Mount or Table Mount options

CLKK3805 08251230

JUMBO LCD CALENDER CLOCK - JADCO

- Clock/ Calender ■ 15M Readability
- Takes 4XAA batteries (included)
- W 345mm x H 210mm x D 35mm

CO1B 08251275

DESK

ALARM CLOCK - MAXIM

- Sensor touch snooze button
- 9 minute delay
- 9V Battery backup (not included)
- Easy to read Red Digital Display
- 240V AC powered

DA12 08011007

QUARTZ LCD CLOCK / DATE - TELSTAR

Mini Digital Clock displays the time in hours & minutes, press buttons for momentary display of month, date & seconds

- Quartz movement ■ Battery included
- 20mm L.C.D digits, flashing colons
- Fold out stand ■ Size: 33 x 57 x 11mm (HWD)

CL011 08011050

THERMOMETER / CLOCK

Features a large digit thermometer which is easy to read from a distance ■ 32mm digits

- Minimum & maximum temperatures are stored in memory until cleared, allowing you to compare min./ max. temperatures in and out over 1 day, 1 week, 1 year or whatever time frame you prefer. **Ideal for wine cellars, green houses etc.**
- Wall mountable or desk top stand
- Outside temperature sensor on 2.9 metres of cable
- Inc. back-light for night reading
- Size: 100 x 40 x 85mm (WHD)

TC1 08011065

STOPWATCH

SINGLE DIGITAL TIMER - JADCO

- Countdown function
- "jumbo" digital LCD readout
- Magnetic clip back
- Displays hours and minutes
- Heavy duty battery included

267TMR 49161564

TRIPLE DIGITAL TIMER - JADCO

- Countdown function
- Large digital LCD readout
- Run 3 timers at once
- 4-way holder: clip/ stand/ Magnet/ Hanger

2440TMR 49161570

COOLERS & WARMERS

12V HEATED THERMAL BOTTLE & MUG

- Safe, Powerful & Efficient
- Rugged stainless steel

Thermal Bottle: 1 Litre Capacity
- Heats and Maintains beverages to temperature at 65°C (150°F)
- Detachable Shoulder Strap

Heated Thermal Mug:
- Snap on safety lid

TB907	08302013	12v thermal bottle
TM932	08302012	12v thermal mug

18L THERMOELECTRIC TRAVEL COOLER AND WARMER

- Compact and lightweight, ideal for travel
- 12 Volt Cigarette Lighter Adaptor & 240 V AC Lead
- **Use as a Cooler**
  Keeps canned drinks, bottled drinks, sandwiches, fruit, and salads fresh and cold without using ice or cold packs. No more digging around in icy water for soggy foods and dripping drinks.
- **Use as a Warmer**
  Keeps pre-heated meals, take out foods, stews, and leftovers warm and ready to while on the road
- Horizontal or vertical use ■ Capacity: 18 Litres
- Power Source: 12 Volts DC or 240 Volt AC
- Dimension: 280 (H) x 400 (W) x 350(D) mm

CW1218	08301999

45L THERMOELECTRIC COOLER & WARMER

Its big size allows you to stock whatever you want and with its great portability and cooler - warmer abilities, the CW1245 even surpasses your refrigerator. It's efficient design allows you to use it vertically, or horizontally and with the puller
- Full solid polyurethane foam - CFC & HCFC free!
- 45 litre capacity ■ Jumbo size & multi-function
- AC/DC Operation ■ Cold & Hot
- Two large separate compartments on lid
- 2 long-life, large silent fans with brushless motors
- Power consumption: AC: 65W / DC: 55W
- Cooling system: Thermoelectric solid state heat pump (peltier element) ■ Weight: 9.5kg
- Cooling: 19°C - 23°C below ambient temperature
- Heating: 50°C - 60°C by set-point thermostat
- Dimensions: 476 mm (H) x 612 (W) x 438 (D) mm

CW1245	08302005

CHIMES & BELLS

AC CORDLESS DOOR BELL - HPM

Easy to install power chime, plugs directly into any powerpoint.
- 8 channel selector avoids possibility of neighbours causing interference
- Lithium batteries in the bell press
- LEDS on both bell press and chime
- Chime incorporates a power point. Operates up to 35mtrs

D641/PI	07600703	
D641/BPWE	07600706	Extra Doorbell

CORDLESS DOOR BELL 641DC - HPM

Easy to install power chime, with no wiring to worry about, the bell press can be securely screwed to front door. 8 channel selector avoids possibility of neighbours causing interference by using the same type of chime.
- Lithium battery in the bell press (supplied)
- LEDS on both bell press and chime
- Chime requires 3 x C batteries (not included). Operates up to 30 meters

D641/B	07600705

WIRELESS DOOR BELL - DOSS

Easy to install power chime, no wiring to worry about, the bell press can be securely screwed to front door
- 64 different code channels avoid possibility of neighbours causing interference by using same type of chime ■ 2 Tune Selectable via Bell Press
- 12V Alkaline Battery on Bell Press Included
- Chime requires 3 x C batteries not included
- LEDS on bell press ■ Operates up to 30m

DB28DC	07600710

WIRELESS DOOR BELL - DOSS

Easy to install power chime, plugs directly into any powerpoint, the bell press can be securely screwed to front door
- 8 channel selector
- Lithium batteries in the bell press
- 12V Alkaline Battery on Bell Press included
- Cordless Powerpoint Door Chime
- LEDS on both bellpress and chime
- Operates up to 30mtrs

DB78AC	07600712

FACET CHIME - FRIEDLAND

A door chime with a multi-faceted cover designed to create a light & shade effect
- Signal 1: 1 x 2 Notes
- Power: Req. 4 x 'C' batteries or 780 transf.
- Colour White cover, Grey base
- Size: 153 x 115 x 47mm

D107	07601017

DING DONG CHIME - FRIEDLAND

A door chime with a classic black & white design
- 2 Notes
- Power: 4 x 'C' batteries or 780 transformer
- Colour: White/Black stripes
- Size: 170 x 105 x 49mm

D117	07601023

BIG BEN CHIME - FRIEDLAND

- Traditional 'Ding Dong' tune for front door
- Separate sound for back door
- Loud chime sound suitable for most homes
- Can be overpainted to match your decor
- Power can be provided either by batteries or from an external transformer ■ Easy to install
- Typical battery life 4 years (Alkaline)
- Using a transformer means there is no need to replace the batteries and you can use the chime with illuminated pushes
- Chime can be located up to 60m (197 feet) from push when powered by transformer

D230	07601047

BELL - FRIEDLAND

- A low current consumption doorbell with operating mechanism under the dome of the gong
- Signal: High volume Bell
- Power: Requires 4.5V External battery or 780 transformer
- Black ■ Size: 73 x 36mm

D792	07603001

BELLPRESS - FRIEDLAND

A lighted black push with a white button for fitting to the architrave of modern door frames
- Hidden fixing screws
- Power: 8~15V
- Black/White Button Opalescent Base ■ Size: 60 x 26 x 24mm

D534	07604001

BELLPRESS - FRIEDLAND

Lighted black push, white button, name card behind a clear window
- Hidden screws
- Power: 8~15V
- Colour: Black cover, Clear window, Clear base
- Size: 60 x 40 x 19mm

D723 07604032

CHIME TRANSFORMER - FRIEDLAND

A double insulated transformer which offers both DIN rail and surface mounting and is suitable for all Friedland chimes and bells
- Power Output: 8V 1A
- Colour: Grey
- Size: 91 x 35 x 53mm

D780 07607001

WIRELESS DOORBELL & CLOCK - DOSS

- Easy installation - no wires
- Jumbo digital display: Time/ Temperature/ Calendar
- Dual Thermometer (°C & F) - Indoor & Outdoor
- Alarm clock (music) and Timer alarm (beep)
- Sensor with doorbell button
- 2 Rings: Ding Dong and West Minister chimes
- Batteries not included

DBC05 08250810

FANS

23CM DESK FAN - SUNAIR

23cm Personal Fan with childproof fan guard
- Push button 2 Speed
- Whisper quiet
- Tilt adjustable
- Oscillating head
- Stable base

DF23 12111501

40CM PEDESTAL FAN - SUNAIR

40cm Fan with childproof fan guard
- Push button 3 Speed
- Whisper quiet
- Tilt adjust
- Oscillating head
- Sturdy construction
- Height adjustable

P40FSH 12111518

250MM EXHAUST FAN

The moulded fly screen grille guards against dust and insects and the special motor housing ensures a long lasting performance with whisper quiet action. Revolutionary blade design and motor, extract smoke, steam and odours at an efficient 470 cubic meters per hour. Uses less energy than a 25W globe, double insulated and easy to install.
- Colour: White ■ Rated: 240V 50Hz

E250 12195282

HAIR CARE

HAIR CLIPPER KIT

Set Includes:
- Professional Quality Precision Gound Cutting Blades
- 4 Trimming Attachments ■ Protective Safety Cap
- Adjustable Trimmer Level ■ Cleaning Brush
- 7 Precision Cut Scissors
- 7 Barber Style Comb ■ Lubricating Oil

EHC10 16304000

2000 WATT PRO STYLE HAIRDRYER

- 6 Heat Settings ■ Cool shot ■ Chrome barrel
- Removable filter ■ Concentrator attachment
- Storage Hook ■ Includes thermal cutout for protection against over heating

HDP2000 16305050

HEATERS

2000W FAN HEATER - SUNAIR

- Cool + 2 heat settings 1000/2000W
- With thermostat control ■ Safety thermal cut-out
- Easy grip handle ■ Compact design
- Power ON light

FHS35 21080102

2400W DELUXE FAN HEATER

- Cool + 2 heat settings 1200/2400W
- Power ON light ■ Safety thermal cut-out
- Easy grip handle ■ Compact design
- Use in upright or flat position

FHH43 21080104

1200W HALOGEN HEATER - HELLER

- 3 Powerful halogen lamps
- Safety tip-over switch
- 3 Heat settings 400/800/1200W
- Chrome safety grille
- Oscillating base

HHH78 21080203

COLUMN HEATERS - HELLER

- 3 Heat settings 900/1500/2400W
- Thermostat control ■ New efficient fin design
- Automatic safety cut-out ■ Cool touch end panels
- Convenient cord storage ■ Durable enamel finish

OIL9	21080209	9 Fin
OIL11	21080212	11 Fin

COLUMN HEATER WITH TIMER - HELLER

- 3 Heat settings 900/1500/2400W
- Thermostat control ■ 24 Hr Timer
- New efficient fin design ■ Automatic safety cut-out
- Cool touch end panels ■ Convenient cord storage

OIL11T 21080211 11 Fin + Timer

E

SCALES

KITCHEN SCALE - HELLER

- High precision strain gauge sensor
- 5 kg maximum sensor/ 1 gram graduations
- 4 mm tempered safety glass platform
- Auto manual/ off functions ■ Tare function
- 1 year warranty ■ 16 mm LCD display

KSH68 **38051204**

GLASS BATHROOM SCALES

- Large 1.0"/ 25mm LCD
- Accurate to 159kg by 01kg (330lb by 0.2lb)
- Kg/ lb Selectable ■ Safety tempered glass
- Long life lithium battery (included)

ATL8866 **38051205**

VACUUM CLEANERS

WET & DRY H/HELD VACUUM

- Powerful Suction ■ Wet & Dry Pick Up
- Replaceable Dust Bag ■ Rechargeable
- Crevice Tool ■ 240V Battery Charger

WDV109 **64501005**

LAMPS & LIGHTING

DESK LAMPS

RECHARGEABLE TABLE LAMP - DOSS

- Built-in 12V Rechargeable Sealed Lead Acid Battery
- Rotary On/Off Dimmer Switch
- Up to 3 Hours continuous lighting (Full Bright)
- Built-in 10W Quartz Halogen Globe ■ AC Charger Inc.
- Brushed Stainless Steel Finish
- Infra-Red Remote Control ON/OFF

RTL12 **12650850**

BED LAMP WHITE

- Bedhead lamp with clamp
- White finish
- Metal shade: 140mm - Clamp opening 60mm
- Takes 60W globe
- Cord line switch
- Cord: 1.8 m

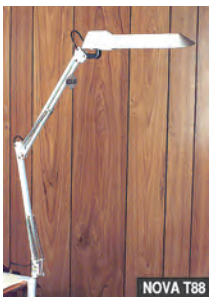
99604W **25120800**

HALOGEN STUDY LAMP

- Telescopic height and angle adjustment
- Heavy stable weighted base
- Brighter, white light, lower running cost
- Flip on switch on base
- Overall height:450mm

HL128 **25120846**

DESK LAMP



- Fluorescent lamp unit ■ Clamp base incl.
- On spring balanced cantilever arm 800mm reach
- new single ended CFS11 11Watt fluorescent lamp
- Comparable to 75Watt globe
- 1.3 metre lead with transformer

NOVAT88 **25121702**

MAGNIFYING LAMPS

MAGNIFYING LAMP

- Ideal for inspection jobs on electronic circuit boards, gem stones, for laboratories or hobbyists
- Perfectly balanced fluorescent lighting
- Precision diopter magnifier lens
- Extension arm with 3 conductor cords
- 22W Fluorescent circle tube

AML228 **25121899**

KMAG LAMP

- All-round and robust magnifying luminaire suitable for a variety of professional uses
- Fluorescent lamp and magnifying lens x 4.0.
- 1080mm reach spring balanced cantilever arm
- C/W "A" bracket for desks or tables up to 55mm thick ■ 22Watt circular fluoro. included
- 3-core flex, 240V A.C.

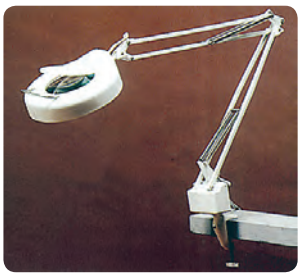
EXAMINER **25121901**

KMAG LAMP + BRACKET

- Supplied complete with an AH style table bracket and 22 Watt lamp

KMAG **25121902**

MAGNIFYING LAMP SUPERLUX



Balanced, shadowless fluorescent lamp with precision 3 diopler magnifier lens and lens cover.

- 1140mm reach
- Complete with "A" type Desk Clamp
- Supplied with 22 watt fluoro circular tube
- Clear magnification to the edge, ideal for PC inspection and assembly

LSX **25121903**

ML MAGNIFIER LAMP MAGGY

A widely adjusted magnifier with a biconvex lens of 127mm diameter, with a 4.00 dioptre and a focul length of 254mm. It is essentially a microscope with a lighting facility which is a circular fluorescent tube which runs off 240 volts. It has flexible arms for easy positioning.

- 2.0 (4.0 diopter) 12.7 cm Ø bi-convex lens
- 25.4cm focal length ■ 22W fluorescent
- 38cm twin flexible arms ■ Heavy base with push button switch and 2.8 metre 3-core flex 240V A.C
- Lateral Extension:38cm ■ Vertical Extension:25cm
- Weight 8.16kgs ■ Fixings: Table base or hand held

MLMAGGY **25121916**

120 WATT PAR FLOOD LAMP

PAR lamps are suitable for outdoor use, the 120W Clear is ideal for security & garden lighting

- Colour: Clear
- 120 Watts

120WC **25506832**

MAGNIFIER LAMP

Incandescent magnifier x 1.75 on 80cm counter balance arm with "M" bracket for mounting horizontally or vertically, suits up to 55mm thickness

- Ceramic lampholder, suits 60W B.C. globe
- Cordline switch and 2-core flex ■ 240V A.C

ARGUS1 **25121948**

BASE/STUDIO/ARGUS1

- Heavy base to suit Studio lamp & Argus 1 magnifier
- Si ze (WHD): 142 x 40 x 202mm

T9B	25121274

A BRACKET-EXAM K/MAG

- A Bracket for mounting to edge of desk or table up to 55mm thick
- Suits K-Mag, Argus, and LSX Magnifiers

ABREXAM	25121905

GARDEN LIGHT

SOLAR GARDEN LIGHTS

- Pack of 2 solar stainless steel ■ Solar light white
- Super bright LED ■ One tube, one spike
- Rechargeable batteries ■ Length 30cm
- White colour light ■ Ideal for gardens & driveways

P02SS	25122337

NIGHT LIGHTS

MOONGLOW NITE LITE - HPM

- New advanced materials do not generate heat
- Produces a soft green glow to light hallways and bedrooms
- Space age light source running cost, only 60 per year! No globe to burn out or replace

D1001/1	25125301

LED NIGHT LIGHT - ARLEC

- Automatic Dusk to Dawn LED Night Light
- Plugs into any household 240 Volt power point
- Energy efficient and safe
- Uses new LED technology
- 100,000 hr LED light source
- Automatically switches on at dusk and off at dawn
- Photoelectronic eye will sense day light and automatically switch the light off
- Improved safety features - ideal for lighting children's bedroom, hallway and stairs
- Low running cost, less than 5 cents per month if used constantly! ■ Blister packaged

NL901	25125332

LED GLOBE TO SUIT NL900 - ARLEC

NLG1	25125337

BOOK LIGHTS

MIGHTY BRIGHT BOOK LIGHTS

With the extremely flexible wire coil gooseneck, you can position this LED book light in ANY direction imaginable! Clip to a book or stand on its own

- Extra battery life - up to 40 hours
- Extra strong book clip grips almost anything or use free standing as a task light ■ Lightweight
- Special Lens spreads light evenly with no hot spots
- Bend arm to point in any direction at any time
- SUPER LED as bright as three regular LEDs and never needs replacing
- Runs on 3 AAA batteries (not included)
- Available in Black, Blue, or Silver

MBLITE-BK	25125351	●
MBLITE-BLU	25125352	●
MBLITE-SL	25125353	●

GLOBES

REFLECTOR LAMPS

R80 Mirror backed reflector lamps for down light fittings and shop display lighting

		Watts	Light Angle
60WR80	25506905	60W	80
75WR80	25506990	75W	80
100WR80	25507020	100W	80

60W ES CLEAR GLOBE

- Internally fused for safety ■ For indoor use only
- Rated life 2500 hours or 2 1/2 times longer than a standard light bulb ■ Power: 60 Watts
- Colour: Clear ■ Base: ES (Edison Screw)

60WES	25507060

40W CANDLE SES GLOBE

- 40 Watt plain pearl candle
- Small Eddison screw

11086GL	25507062

ENERGY SAVING LAMPS

COMPACT FLUORESCENT 11W ENERGYSAVER - NELSON

Warm white, energy saving fluorescent

- 11W Globe = 60W Standard ■ ES Base
- Up to 6000 hours life
- Saves up to 80% electricity ■ RFI suppressed

MELM11ESS	25581301

COMPACT FLUORESCENT 11W ENERGYSAVER - NELSON

Warm white, energy saving fluorescent

- 11W Globe = 60W Standard
- Up to 6000 hours life ■ BC Base
- Saves up to 80% electricity ■ RFI suppressed

MELM11BCS	25581308

15W ENERGYSAVER - NELSON

Natural, energy saving fluorescent

- 15W Globe = 75W Standard
- Up to 5000 hours life ■ ES Base
- Saves up to 80% electricity ■ RFI suppressed

MELM15ESNS	25581303

15W ENERGYSAVER - NELSON

Warm white, energy saving fluorescent

- 15W Globe = 75W Standard
- Up to 5000 hours life ■ BC Base
- Saves up to 80% electricity ■ RFI suppressed

MELM15BCS	25581310

ALADDIN MINI 11W ENERGYSAVER - NELSON

Natural white, energy saving fluorescent

- 11W Globe = 60W Standard
- Up to 6000 hours life ■ BC Base
- Saves up to 80% electricity ■ RFI suppressed

MELQAL11BCN	25581315

ALADDIN MINI 15W ENERGYSAVER - NELSON

Natural white, energy saving fluorescent

- 15W Globe = 75W Standard
- Up to 6000 hours life ■ BC Base
- Saves up to 80% electricity ■ RFI suppressed

MELQAL15BCN	25581320

E

ULTRACHARGE COMPACT FLUORESCENTS

The Ultracharge Compact Fluorescent Lamp is one of the smallest and most advanced in the market today. The fully integral electronic ballast ensures an instant start. The technology employed by Ultracharge results in energy and cost savings of up to 80% compared with an incandescent bulb

- 5w CFL is roughly equivalent (in brightness) to a 25w incandescent bulb
- An 11w CFL is roughly equivalent (in brightness) to a 55w incandescent bulb
- A 15w CFL is roughly equivalent (in brightness) to a 75w incandescent bulb
- A 20w CFL is roughly equivalent (in brightness) to a 100w incandescent bulb

NEW

		Description
UR205MIC/2	25581350	Micro 2U 5W E14 2pk
UR311MB	25581355	3U Mini 11W BC
UR311ME	25581360	3U Mini 11W ES
UR315MB	25581365	3U Mini 15W BC
UR315ME	25581370	3U 15W ES
URS20B	25581375	Spiral 20W BC
URS20E	25581380	Spiral 20W ES

LOW VOLTAGE LAMPS

Voltage	QI Projection Lamps	MES Lens Tip	MES Round Head	MES Tubular Head	Pre-Focus Globes	Krypton Pre-Focus Globes	LES Tubular Head	Wedge Base Lamps	Lamps with 150mm Leads	Miniature Pocket Light Lamp	Midget Flange	Midget Groove
1.2v		220mA 25640257 1151LP										
2.33v		270mA 25640337 1155LP								25642017 GLALT420		
2.4v						25640365 KG724						
2.5v			300mA 25640377 1161LP									
3.6v					500mA 25640465 1405LP	25640470 KG736						
3.8v			300mA 25640489 13LP									
4.8v					700mA 25640561 2420LP	25640567 KG748						
6v			450mA 25640821 50LP						25640853 6VLD			
6.3v				250mA 25640781 8009D								
12v	50w 25801001 50W12V 100w 25801017 100W12V 11.5 x 44mm		250mA 25641065 54LP	180mA 25641073 45LP			60mA 25641025 12VLES	1.2w 25641105 12VT5 3.0w 25641107 12VT10	25641089 12VLD			
14v											80mA 25641201 ORD382	
24v	150w 25801751 150W24V 250w 25801783 250W24V 13.5 x 50mm						80mA 25641317 24VLES		25641301 24VLD			
28v											40mA 25641150 ORD387	40mA 25641517 ORD388

110V LAMP NEON

- Neon with wire leads. Low voltage mini lamps for Flashlights, Indicators, etc..
- Voltage: 110V (220K resistor for 240V)

NE2 25642001

MES BATTEN LAMP HOLDER

Black plastic Low voltage MES batten lampholder
- For panel mounting

MESBAT 25722118

MES PLAIN LAMP HOLDER

Plain metal Low voltage MES pilot lampholder

MESPL 25722001

DOWNLIGHTS

LOW VOLTAGE DOWNLIGHT KIT - NELSON

- Complete with 12V electromagnetic (iron core) transformer and lamp
- Quick release twist-lock system
- Adjustable beam (lamp tilt)

Kit contains:
- 1 x die-cast aluminium firring
- 1 x 12 volt electromagnetic transformer
- 1 x 12V Dichroic U.V. protection 4000hr lamp
- 1 x lamp holder

KDL50W 25330030

TRADESMEN DOWNLIGHT KIT - NELSON

- Die-cast aluminium downlight with twist lock lamp replacement ■ Halogen Dichroic ■ 12V
- 70mm Diameter ■ Power Consumption: 60 Watts
- Mounting Dimensions: 82mm Wide 60mm Deep

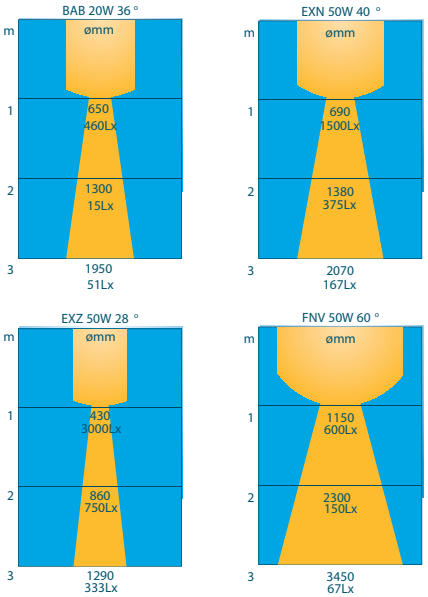
KDL60W 25330055

CERAMIC LAMPHOLDER

Ceramic heatproof socket supplied with 200mm leads

LVLH 25330100

DOWNLIGHT GLOBES



Multi-coated reflector passes 85% of the heat backwards to protect heat sensitive items
- Brighter and more natural colour is achieved than conventional incandescent lamps of similar wattage
- Base: GX 5.3 ■ 50mm x 45mm deep

12V 20W DICHROIC LAMP

12V - 20W Dichroic Lamp - 36° Spread

BAB 25330538

12V 50W DICHROIC LAMP

12V - 50W Dichroic Lamp - 39° Spread

EXN 25331024

12V 50W DICHROIC LAMP

12V - 50W Dichroic Lamp - 24° Spread

EXZ 25331062

12V 50W DICHROIC LAMP

12V - 50W Dichroic Lamp - 60° Spread

FNV 25331100

36 LED MR16 HALOGEN GLOBE

Halogen lamps are very popular in modern lighting design but are inherently inefficient and produce a considerable amount of waste heat. This LED replacement consists of 36 high brightness LEDs and will fit a standard MR16 base. LEDs will significantly last longer than Halogens and will save you money in the long run

36LED MR16 25331200

FLUORESCENT

TWIN FLUORESCENT WITH TUBES

Twin Lamp Fluorescent Fixture with NELSON 15mm Diameter T5, 28W Tubes
- Up to 35% Energy Saving
- Flicker Free Instant Start ■ Electronic Ballasts
- 1200 mm long, 40 mm deep quality casing
- Bright reflector and efficient diffuser

M5FD228 25120500

12V TWIN FLUORESCENT UNIT

- Single tube or twin tube selection
- Magnetic discs for attaching to any metal surface
- Foldable metal hanger for easy hookup of light
- Approx. 15 ft. long cord with cigarette lighter plug
- High intensity light source and multiple usage, ideal for camping, repairing & in car illumination
- Two 12 inch 8 watt fluorescent tubes give 16 watt
- illumination Size: 360 x 53 x 41mm

TS265A 25124056

36-40W BALLAST

- Rigid steel base and conventional mounting
- Each unit is fit ted with a 16Amp rated spring-grip quick-connect terminal for speedy installation
- For 36(40)Watt fluoro units

EC36-40 25180849

FLUORESCENT STARTER

- Single 4-80 watt or twin 36W units
- Two starters for twin unit

RS11 25180900

ELECTRONIC STARTER

- Starts tubes immediately without flickering compared to conventional starters
- Automatically switches off faulty fluorescent lamps
- Protects the ballast
- Pressing RED button instantly resets the unit
- Universally suitable for nearly all fluorescent lamps in the range 18 ~ 65Watts
- Interchangeable with conventional starters

RS71 25180920

28 WATT TRIPHOSPHOR FLURO TUBE

- Environmental Series: Reduced Mercury
- Rated average lamp life: 10,000 Hours
- 1149 mm Cap to Cap ■ 1163 mm Pin to Pin
- Natural Colour (5000K)

M5T28NC 25581500

TRIPHOSPHOR FLUORESCENT TUBE

- 37 Watt fluoro lamp
- 15% higher output and improved colour rendering
- Fits standard 36/40Watt fittings
- Tube size : 27 x 1200mm

37WTRI 25581503

QUADPHOSPHOR FLUORESCENT TUBE

- 37 Watt Fluorescent Lamp
- Amazing Quad Phosphor
- 18% brighter than tri-phosphor
- Lasts twice as long

37WQUAD 25581510

COOL WHITE MINIATURE FLUORESCENT TUBES

For low voltage lanterns and fluorescent units

4WCW	25582001	4W	6 x 5/8" Fluoro Tube
6WCW	25582033	6W	9 x 5/8" Fluoro Tube
8WCW	25582065	8W	12 x 5/8" Fluoro Tube
10WCW	25582097	10W	13.5 x 1" Fluoro Tube
13WCW	25582129	13W	21 x 5/8" Fluoro Tube
15WCW	25582195	15W	18 x 1" Fluoro Tube

STANDARD FLUORESCENT TUBES

- Standard replacement fluorescent lamp for most 240V A.C. units ■ Colour: Cool White

		Watts	Length
18WCW	25582265	4W	588mm
37WCW	25582365	37W	1200mm

DAY LIGHT FLUORESCENT TUBE

		Watts	Length
37WDL	25582495	37W	1200mm

CIRCULAR FLUORESCENT TUBES

- For magnifiers & round fluorescent 240V A.C. units
- Colour: Cool White

CIRCULAR 8 1/4" TUBE

22WCIR 25583001 22W 205mm

CIRCULAR 12" TUBE

32WCIR 25583065 32W 305mm

CIRCULAR 16" TUBE

40WCIR 25583129 40W 405mm

FLOOD LIGHTS

TWIN 150W SECURITY FLOOD LIGHTS

- Outdoor housing with PIR & Twin 150W Flood lamps
- PIR Detection area 12 metres x 180 degrees

ES69BWP 01308039

WEATHER PROOF FLOOD LIGHT

- Unbreakable black metal housing
- Metal mounting bracket
- 3-wire weatherproof terminal connector
- Toughened glass weather proof lens
- High temperature R7s ceramic socket
- 500W Lamp included
- Size: 185 x 150 x 140mm (WHD)

P87 25122340

HALOGEN TRIPOD WORKLIGHT

- Tripod Worklight
- 500 Watt Portable Power
- Quartz halogen work light comes with lamp
- Chrome safety guard
- 1.8 metre stand

HTW34 25122352

150W HALOGEN FLOOD LITE

- Ideal outdoor lighting for BBQs, emergency repairs around the home or handyman applications
- Provides extra light when required inside or outside
- Protective grille ■ Weatherproof rating IP44
- Sturdy construction ■ 1.8 M cable
- 150 W tungsten halogen tube incl.

HL8 25122350

GLOBE TO SUIT HL8 - ARLEC

Spare 150 W tungsten halogen tube
- To suit HL8 flood light

HT150 25122355

500W FLOOD LAMP - ARLEC

- Clear linear flood lamp
- Average life: 2000 Hrs
- 240V 500W (Not To Be Touched With Bare Hands)

QI500FL 25506870

EMERGENCY

LED TRAFFIC CONE

- Compact, stylish and durable design
- Flashing LED for extra security
- Includes battery

SC217 07050010

AMBER REVOLVING WARNING LIGHT

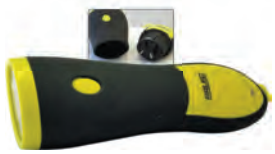
- 12V Operation
- Simply plug-in the extendable cord to your vehicles 12V socket
- Magnetic base to attach to any metal surface

SC780 07050020

TORCHES

FLASHLIGHTS

RECHARGEABLE TORCH - ARLEC



- Lightweight torch with plug in rechargeable battery charger, which is removed for charging
- Plugs into any 3-pin 240V A. C. power point to recharge overnight
- Built-in magnets for storage or hands-free use
- Features: Krypton globe and 240V Recharge Facility

RT007 12650501

RECHARGEABLE LANTERN TORCH - ARLEC

- Contains 3 High capacity ni-cad batteries which provide more than 2 hours continuous use at maximum brightness
- On / Off / DIM switch, wall bracket & swivel head
- Supplied with 240V.A.C. & 12V D.C (Car) chargers
- Krypton globe and 12v/240v Recharge Facility

RT800 12650505

PENLITE TORCH

- Strong machined aircraft aluminium case
- Push butt on On/Off switch
- 2 x "AAA" batteries inc. ■ Pocketclip
- Uses 2.25V MES lens end globe

PENT10 12658700

HIGH POWERED TORCH

- Made from heavy duty aircraft aluminium
- Fully adjustable focus ■ Blinkswitch operation
- Brilliant Krypton globe, 70% brighter
- All weather and shock proof
- Sealed and recessed push button
- Shatterproof lens ■ Textured easy grip
- Computer designed reflector for maximum brilliance
- Spare Krypton globe in base cap ■ 3 x D Cells

WM703 **12657030**

PEN LIGHT (DOCTOR) - CAMELION

- Durable Aircraft Aluminium
- Security Push Button Switch
- Resistant Pocket Clip

PL2AAA **12658705**

DYNAMO LED TORCH - NELSON

- No batteries to replace just wind to charge
- Wind for 1 minute for up to 45 minutes power charge
- 3 high intensity White LEDs
- No lamps to replace long life LED Technology
- Torch ideal for camping in the car on the boat or in bed

DLT01 **12658709**

SUPER BRIGHT - XENON

- Super Bright Bulb Light
- Long and Wide Range
- Shock Resistant
- 5.5V Xenon Bulb ■ Water Resistant
- 2x Lithium CR123A Batteries (included)

DAT1X **12658757**

GLOBE FOR DAT1X

- Replacement globe for DAT1X super bright xenon torch ■ 5.5 V Xenon bulb

DAT1XG **12658759**

GLOBE FITTING FOR DAT1X

- Replacement globe fitting for the DAT1X super bright xenon torch
- Aluminium construction with rubber globe retaining gasket

DAT1XGF **12658761**

SUPER BRIGHT LED TORCH

- 3 LEDS (Super Bright) ■ 4x AAA Batteries (inc.)
- Waterproof/Shockproof ■ Output Power: 20-100 Lumens ■ LED Lifetime: 100000 hours

DAT3L **12658758**

ALUMINIUM TRAVELLER TORCH - DURACELL

NEW

- Aluminium traveller torch, excellent for home and Car
- Xenon Bulb
- Runs on 2xAA (included)
- Comes with pouch
- Shock proof
- Water resistant

A300 **12658767**

LED GRIP MAX TORCH - DURACELL

NEW

- LED torch
- Excellent for outdoor applications
- LED light source
- Runs on 4xAA (included)
- Efficient, 55hrs run time
- Shock proof

KG030 **12658768**

FLOATING LANTERN - DURACELL

NEW

- LED torch, excellent for outdoor applications
- Hands free 8 position stand
- Runs on 6v lantern battery (not included)
- Storage area in handle ■ Shock proof
- Hanger hook ■ Water resistant

G600 **12658769**

LED KEY CHAIN TORCH - DURACELL

NEW

- LED torch for personal use
- Fits to your keychain for light that's always available
- Runs on 1 x AAA battery (included)

A100 **12658770**

HEAD TORCHES

8 LED HEAD TORCH

- 8 high-intensity LED lights
- Adjustable, stretchable headband
- 3 x AAA Batteries (not Inc.) ■ Water & Shock Proof
- 2 LED/ 4 LED/ 8 LED operation

LED016 **12658712**

5 LED HEAD TORCH

- The 5 Ultra Bright LED's give an even white light
- LED's are long lasting and can't blow like a bulb
- 3 Light modes provide a choice of lighting for different situations
- Up to 100 Hours battery use
- Flashing mode for emergencies
- Batteries: 3 x AAA (included)

LED013 **12658713**

12 LED + 2 HEAD TORCH

- Wide Beam - super bright light
- Water resistant
- 4 LED - 12 LED - 2 RED LED (Flashing) modes
- Headband attachment for handsfree fit
- 3 x AAA Batteries (included)

LED121 **12658750**

SPOTLIGHTS

TUFF TORCH - ARLEC

- An adjustable eight position stand makes the Tuff torch versatile for use around the home, in the car, on the boat or camping
- The shock resistant TYLEV body will handle the toughest treatment making it the first choice for trades people
- Water resistant and features a Super Krypton Globe which provides extra brightness

TT1 **12650694**

RECHARGEABLE CORDLESS SPOTLIGHT

- Ideal for Auto, Boat, Camping and more...
- Built in 6V Rechargeable Battery
- Tempered Glass Lens ■ Intergrated Wrist-strap
- H3 6 V/55 W Quartz Halogen Bulb
- Impact and Weather Resistant Housing
- Charges in vehicle with car cord or at home with AC adaptor (both included) ■ 140mm Diameter

SP202 **12654700**

12V SPOTLIGHT

- 12V Cordless/ Rechargeable Searchlight/ Power Station ■ 10,000,000 Candle Power
- Volt/ 7 amp battery ■ Charges and operates from any 12V power source (your vehicle or home)
- Can power any other 12V appliance
- Ideal for hunting, camping, fishing, barbecues, marine, auxiliary lighting etc...
- Dimension: 370 (H) x 260 (W) x 220 (D) mm

SC405	12654712

RECHARGEABLE SPOTLIGHT - ARLEC

- Rechargeable through a regular household power point (240 Volt) or a car cigarette lighter socket (12V) ■ Fitted with 6 Volt 4 Amp Hour sealed lead acid battery ■ Powerful 500,000 candle power quartz halogen bulb provides clean white light
- Carry strap included

RT500	12658775

WORK LIGHTS

LED PUCK LITE - XTIME

- 5 Super Bright White LED's Never Burn Out
- Battery Operated
- No wires or installation required
- One touch ON/OFF switch with dimmer
- Light head swivels & pivots for ideal light positioning
- Perfect for: Bookshelves, closets, kitchens, workshops etc.

XT008B	12658707	Black
XT008W	12658708	White

PORTABLE LED WORK LIGHT

- Rechargeable
- Super-bright 12000MCD LED
- Ultra-long life ■ Swivel hanging hook
- Water, oil, and shock resistant ■ Switch on handle
- Recharge time: 1.5 hours ■ Autonomy: 5-6 hours
- 110V~240V Charger and 12V Charger included

LED601	12658755

TREASURE HUNTER

METAL DETECTOR AND TREASURE FINDER

A great hobby for the weekend or on holiday in the forest or at the beach!

- Detects metal and & treasures up to 70cm deep
- Audio Visual Indicator
- Standard 3.5mm earphone jack to allow for silent hunting ■ Adjustable length
- Adjustable search coil position
- Detachable handle and rotating search coil to reach optimum ergonomy
- Rotary knob to adjust sensitivity
- Rotary knob to adjust volume ■ Ergonomic design
- Lightweight and foldable for easy transportation
- Battery Voltage: 6V
- Battery: 4 x AA batteries
- Detection range (approximate depth only)
- Coin: 15~20cm
- Metal-sheet 10x10cm² : 35-40cm
- Metal-sheet 50x50cm² : 70-80cm

MDTF12	07050050

MASSAGE CHAIR

MASSAGER SEAT COVER WITH HEAT - XTIME

- Relaxing massage action in the privacy of your own home, in your car, at work or in the office.
- 6 powerful massage motors ■ Vibrating or pulsing
- 3 variable intensity level ■ Built-in heater
- Memory foam head rest ■ Mains power adaptor and cigarette lighter socket plug

MASSAGER01	21082000

WEATHER STATIONS

WIRELESS WEATHER STATION

- Weather Station with Wireless RF Sensor
- Forecast the weather accurately and easily with this contemporary slim line weather station
- The internal unit can be either wall or desk mounted and features a large LCD with full clock and calendar functions, dual in/out temperature readings, humidity, barometric pressure and weather trend
- Supplied with the unit is an external transmitter to measure outdoor temperature, pressure and humidity
- Indoor temperature range: -10°C to 50°C
- Outdoor temperature range: -10°C; to 60°C
- Temperature resolution: 0.1°C
- Hygrometer range: 20% to 95%
- Hygrometer resolution: 1%
- External transmission range: 30 metres maximum
- Weather station: 2 x AA batteries
- External Transmitter: 1 x CR2032 battery per transmitter
- Indoor display: 110(W) x 110(H) x 37(D)mm
- External sensor: 55(W) x 83(H) x 24(D)mm

WWS1	08011067

WIRELESS HOME WEATHER STATION

- The system monitors inside and outside temperature, air pressure, rainfall, humidity wind speed, wind direction and wind chill factor
- The wind & rain sensors connect to the outside temperature sensor ■ The maximum and minimum readings are stored and can be recalled at the press of a button ■ You can set alarms to warn you when a specific temperature is reached and the station will even predict future weather conditions using the barometric pressure trends recorded over the preceding 24 hours ■ The forecast is displayed on the system's screen in an icon style and the barometric pressure trend is displayed as a graph so you can see at a glance how fast the pressure is rising or falling ■ 40 to +60°C outdoor temp range
- 0 to +40°C indoor temp range
- 20% to 95% relative humidity
- 0 to 100km/h wind speed
- 840 to 1200mb air pressure ■ Up to 1m rainfall
- Up to 100m transmission range
- Indoor display unit 140(W) x 170(H) x 40(D)mm
- Wind sensor 300mm long and mast 500mm
- Outside temperature sensor 130(H) x 50(D)mm
- Rainfall sensor 170(W) x 140(H) x 120(D)mm
- Connecting cable for wind & rain sensors 10m

WWS2	08011069

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LEADS VIDEO

COMPOSITE

3.5MM 4 CONTACT PLUG TO 3X RCA PLUGS

AUDIO VIDEO ECONOMY

- 3.5mm plug - 3x RCA plugs for connecting your video camera to your TV, video, amplifier etc.

		Length
LA1077	27311077	2m

4X RCA PLUGS TO PLUGS

ECONOMY AUDIO VIDEO

- 4x RCA Plugs to 4x RCA Plugs
- 4-core flat
- Individually shielded cable

		Length
LA3049	27313049	2m

COMPOSITE VIDEO INTERCONNECTS

- 3x RCA Video/ Stereo Gold Plated Plugs to Plugs
- Composite Video (Yellow) and Stereo Audio (White & Red) Interconnects
- Crystal Clear Transparent Jacket
- SPC Braid, Double Shielding
- Rubber Grip ■ All Metal Shielded Plugs

		Length
HLV0900	27330900	1.5m
HLV0903	27330903	3m
HLV0906	27330906	5m

1.5M RCA M/M LEAD

VIDEO ECONOMY

- 75 Coaxial shielded cable

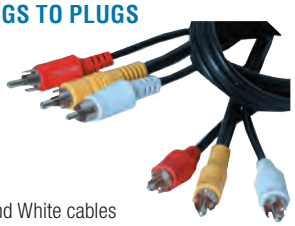
		Length
LV1001	27471001	1.5m

RCA TO RCA COAXIAL LEADS

VIDEO PREMIUM

		Length
LH303	27475166	3m
LH305	27475167	5m
LH310	27475168	10m

3X RCA PLUGS TO PLUGS



- Audio: Red and White cables
- Video: 75Ω coaxial shielded yellow cable

AUDIO VIDEO ECONOMY

		Length	
LV1005	27471005	2m	
LV1006	27471006	3m	
LV1110	27471110	5m	
LV1007/10	27471007	1.5m	10 Pack
LV1007/20	27471027	1.5m	20 Pack

3X RCA PLUG TO PLUG

- Quality Audio Left & Right / Video lead with 3x RCA to 3x RCA moulded plugs
- 6mm diameter jacket in matt blue

VIDEO PREMIUM OFC

		Length
LV5170	27475170	1.5m

S-VIDEO

S-VIDEO INTERCONNECT

- 1x 4-Pin S-VIDEO Gold Plated Plug to Plug
- Crystal Clear Transparent Jacket
- SPC Braid, Double Shielding
- Rubber Grip ■ All Metal Shielded Plugs

		Length
HLV0930	27330930	1.5m
HLV0933	27330933	3m

4PIN S-VIDEO PLUG TO PLUG

OFC AUDIO PREMIUM

- High performance ■ Superior quality
- Oxygen-Free Cable ■ Gold plated connectors
- Rubberized 7mm cable ■ All metal screw-on covers
- Double shielding for high resolution video
- Suitable for video dubbing & dvd
- Supplied in stylish hang-up clam shell packs

		Length
LH0770	27470770	1.5m

4PIN S-VIDEO PLUGS TO PLUGS

VIDEO ECONOMY

- High quality 4 pin Mini Din Plug to 4 pin Mini Din Plug
- Gold plated

		Length
LV0780	27470780	1.5m
LV0784	27470784	5m
LV0787	27470787	10m

S-VIDEO & 2X RCA PLUGS TO PLUGS

VIDEO AUDIO PREMIUM OFC

- AV Lead with gold plated twin RCA audio plugs and 4 pin S-Video plug
- High Performance ■ Gold Plated Connectors
- Superior Quality ■ Outstanding Value
- Rubberized Flexible Lead 6mm x 14mm
- Supplied in stylish hang-up clam shell packs
- Suitable for Video Dubbing & DVD ■ Oxygen -Free Cable for High Resolution Video and Sound

		Length
LH0775	27470775	1.5m

S-VIDEO MALE TO 2 X 'F'

- Allows you to use 2 x RG6 cables and carry the signal for as long a distance as you want with minimum loss in signal quality

		Length
LV0832	27470832	345mm

COMPONENT

VIDEO THX COMPONENT VIDEO - MONSTER

- 24k gold contacts for optimum signal transfer and corrosion resistance ■ Meets minimum THX® certification standards for proper system performance, reliability and ease of installation
- Easy to identify colour-coded bands for simple, error-free hookup ■ High-density double shielding for maximum rejection of RFI and EMI
- Uses three cables to send colour signal separately for improved picture

		Length
THXV100CV-4	27330730	1.22m
THXV100CV-8	27330735	2.44m
THXV100CV-16	27330740	4.88m

10M VIDEO COMPONENT CABLE - MONSTER

- 24k gold contact RCA connectors for superior conductivity ■ Low-Loss component video cable for improved video reproduction ■ Multi-stranded, all-copper construction provides a clear, sharp picture

		Length
MV2CV-10M	27330750	10m

COMPONENT VIDEO INTERCONNECTS

- 3x RCA Gold Plated Plugs to Plugs
- Component Video RGB (Red/ Green/ Blue) interconnects ■ SPC Braid, Double Shielding
- Crystal Clear Transparent Jacket
- Rubber Grip ■ All Metal Shielded Plugs

		Length
HLV0909	27330909	1.5m
HLV0912	27330912	3m
HLV0915	27330915	5m
HLV0920	27330920	10m

RGB 6MM PLUG TO PLUG

- Component Video Lead with RGB 3x RCA to 3x RCA plugs
- 6mm diameter jacket in pearlized blue

VIDEO AUDIO PREMIUM OFC

		Length
LV5169	27475169	1m
LV5171	27475171	2m

10M COMPONENT VIDEO LEAD

- 3 x RCA to 3x RCA (Red/ Green/ Blue) connectors
- Suitable for Component, RGB, A/V connections
- Ideal to connect projectors that need a long run

		Length
LV5175	27475175	10m

VGA TO COMPONENT LEAD

VIDEO DIGITAL PREMIUM OFC

- Featuring a high density 15 pin plug to 3 x Component RCA ■ Designed to be used from DVD to a projector with switchable RGB or component video input

		Length
LV5182	27475182	1.8m

SCART

SCART TO RGB/ STEREO AUDIO - PRO2

- Full pearl plated metal
- 21 pin SCART to 5x RCA with ferrites
- 3x RGB Component
- 2x Audio Left/ Right
- RCA connectors

		Length
HLV0940	27330940	2m
HLV0943	27330943	3m

1.8M 21 PIN SCART M/M

AUDIO VIDEO ECONOMY

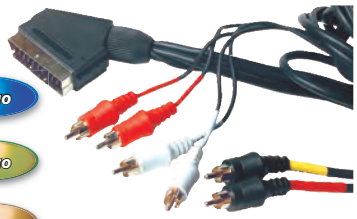
For TV to Video interlinking using high quality shielded cable for recording and playback of audio and video signals ■ Pin to Pin shielded cable

- 21-pin Scart plug to 21-pin Scart plug

		Length
LV5124	27475124	1.8m

SCART 21 PIN TO 6X RCA

AUDIO VIDEO ECONOMY



For TV to video interlinking using high quality shielded cable for recording/ playback of audio and video signals

- 21-pin Scart plug to 4 RCA video and 2 RCA audio

		Length
LV5140	27475140	1.5m

DVI & HDMI

DVI INTERCONNECTS - PRO2

- With Ferrite Beads
- Gold Plated copper for lower contact resistance can meet the requirement of high resolution 42 HDTV real test
- 720p/ 1080i Resolution Capability
- Foamed PE Insulation ensuring high speed propagation and low signal loss

HLV0970	27330970	1m
HLV0973	27330973	2m
HLV0976	27330976	5m
HLV0979	27330979	10m

DVI-HDMI INTERCONNECTS - PRO2

- With Ferrite Beads
- Gold Plated copper for lower contact resistance can meet the requirement of high resolution 42 HDTV real test
- 720p/ 1080i Resolution Capability
- Foamed PE Insulation ensuring high speed propagation and low signal loss

HLV0983	27330983	1m
HLV0986	27330986	2m
HLV0989	27330989	5m

HDMI INTERFACE CABLES - PRO2

- 24K Hard Gold-Plated Copper Connectors
- HDMI Specification version: 1.1
- Supported video formats: SDTV: 720 x 480, 720 x 576(480i, 480p, 576i, 576p) HDTV: 1280 x 720, 1920 x 1080(720p, 1080i, 1080p) ■ Supported Audio Formats: DVD-VIDEO: 8 channels audio > DVD-AUDIO: 1 channel audio (24bits@192KHz)

		Length	
HLV0950	27330950	1m	
HLV0953	27330953	2m	
HLV0954	27330954	3m	
HLV0956	27330956	5m	
HLV0959	27330959	10m	
HLV0962	27330962	15m	
HLV0953/5	27330965	2m	5 Pack

EVOLUTION-S HDMI CABLES - KORDZ

- All new model with ultra high performance Silver Plated cores ■ Triple shield TMDS channels - 2x mylar foil wrap layers, plus copper braid
- New design connector with improved cable entry system for enhanced flexibility and durability
- Premium Satin PVC compound connector shell and cable jacket with silver powder content
- Full CEC support for remote control via HDMI with compatible hardware
- DVD-A and SACD compatible, also supports Dolby True HD and DTS Master Audio formats

		Length
KEVOS1	27331000	1m
KEVOS2	27331005	2m
KEVOS3	27331010	3m
KEVOS5	27331015	5m
KEVOS10	27331020	10m

HDMI LEADS - MONSTER

- High-density triple-shielding for maximum rejection of RFI and EMI
- Gas-injected dielectric for optimum signal strength and ultra-low loss ■ Triple 4 gauge inputs
- Supports multiple audio formats, from stereo to multi-channel sound

		Length
HDMI400-1M	27330755	1m
HDMI400-2M	27330756	2m

F

HDMI REPEATER - PRO2

The best solution to extend the length of HDMI cable. With built-in equalizer, it is designed to equalize HDMI signal and make the connection length upto 50 meters

- Fully support 1080p HDTV ■ HDCP compliant
- Support DTS, Dolby, 7.1-Channel audio
- Maintains same image quality as source, upto 1080p ■ Gold plated connectors
- Equalizer functions enable longer HDMI Cable
- Stylish metal housing design, free of interference
- Professional HDMI Cable fixture
- LED indication for cable orientation

HDMIR2S	30254485	

BNC

BNC PLUG TO RCA PLUG

- 75 ohm Coaxial shielded cable

VIDEO ECONOMY

		Length
LV1008	27471008	1.5m

BNC PLUG TO PLUG

- 75 ohm Coaxial shielded cable

		Length
LV1501	27471501	1.5m

LEADS AUDIO

GENERAL

3.5MM STEREO PLUG TO PLUG

AUDIO ECONOMY

		Length
LA1033	27311033	2m
LA1035	27311035	3m
LA1039	27311039	5m

3.5MM STEREO PLUG TO SOCKET

AUDIO ECONOMY

		Length
LA1065	27311065	5m

3.5MM STEREO PLUG TO 2X RCA PLUGS

AUDIO ECONOMY

		Length
LA1073	27311073	2m

3.5MM MONO PLUG TO RCA PLUG

AUDIO ECONOMY

		Length
LA1081	27311081	2m

6.3MM MONO PLUG TO PLUG

AUDIO ECONOMY

		Length
LA2033	27312033	6m

RCA PLUG TO PLUG

AUDIO VIDEO ECONOMY

		Length
LA3001	27313001	2m

2X RCA PLUGS TO PLUGS

AUDIO ECONOMY

- Individually shielded cable

		Length
LA3017	27313017	3m
LA3033	27313033	5m

2X RCA PLUGS TO SOCKETS

AUDIO ECONOMY

- Individually shielded cable

		Length
LA3065	27313065	2m

1X RCA PLUG TO 2X RCA SOCKETS

AUDIO ECONOMY

		Length
LA3081	27313081	2m
LA3082	27313082	300mm

1X RCA PLUG TO 2X RCA PLUGS

AUDIO ECONOMY

		Length
LA3097	27313097	2m
LA3098	27313098	5m

XLR MICROPHONE CABLES (BALANCED) - AMPHENOL

PRO SOUND PREMIUM

- High quality professional "Amphe-Sound" microphone cables ■ Balanced line
- Heavy duty ultra-flexible microphone cable
- High quality amphenol connectors
- Suitable for professional applications

		Length
LA7093	27317093	3m
LA7096	27317096	6m
LA7099	27317099	9m

XLR 3 PIN PLUG TO SOCKET - PRO2

PRO SOUND ECONOMY

- 3 pin Canon type plug to 3 pin Canon type socket

		Length
LA8000	27318000	10m

XLR 3PIN PLUG TO 6.3MM SOCKET - AMPHENOL

PRO SOUND ECONOMY

- 3 pin Canon type Socket to 6.3mm shielded phone plug

		Length
LA8012	27318012	5m
LA8016	27318016	6m
LA8019	27318019	9m
LA8022	27318022	12M

MONO 6.3MM-6.3MM PLUG TO PLUG - AMPHENOL

PRO SOUND ECONOMY

		Length
LA2030	27312030	1m
LA2032	27312032	3m
LA2036	27312036	6m
LA2039	27312039	9m

AUDIO STEREO INTERCONNECTS - PRO2

- 2x RCA Gold Plated Plugs to Plugs
- Stereo Audio Left and Right (White & Red Interconnects ■ Crystal Clear Transparent Jacket
- SPC Braid, Double Shielding
- Rubber Grip ■ All Metal Shielded Plugs

		Length
HLA8050	27318050	1.5m
HLA8053	27318053	3m

4PIN PRO SOUND SPEAKER CABLES

Precision formulated, audiophile-grade, polyethylene dielectric material for maximum harmonic detail and low loss audio grade 99.99% pure oxygen-free copper conductors for maximum sound quality. Precision-moulded PVC connector bodies for maximum strain Industrial-grade outer jacket for maximum durability and long life.

- Rating: 1000W
- 4PIN Lock-in Speaker Plugs and Sockets
- 90mm Ø Ultra-flexible 2-core rubber cable

4 Pin Speaker Plug to XLR Plug		Length
HLA8070	27318070	2m

4 Pin Speaker Plug to Socket		Length
HLA8073	27318073	2m

4 Pin Speaker Socket to Socket		Length
HLA8076	27318076	2m

4 Pin Speaker Plug to Plug		Length
HLA8079	27318079	2m

3.5MM STEREO PLUG TO PLUG CONNECTOR - PRO2

- Gold plated connectors
- EMI rejection
- Audiophile quality
- Assembled pearl chrome-plated metal shell
- Rubber grip ■ With ferrites

HLA8080	27318080	2m

3.5M STEREO PLUG TO 2X RCA (L&R) - PRO2

- Gold plated connectors
- EMI rejection
- Audiophile quality, professional build
- Assembled pearl chrome-plated metal shell
- Rubber grip ■ With ferrites

HLA8081	27318081	2m

2X RCA PLUGS TO 2 X PLUGS

VIDEO
PREMIUM
OFC

Twin RCA High quality 6mm OFC (oxygen free) low loss cable with flexible protective sheath that prevents shield damage, gold plated moulded connectors. Ideal interlink between AV components in Hi-Fi stereo, home theatre, video, and in-car systems.

		Length
LH0312	27330312	1.2m
LH0320	27330320	3m
LH0328	27330328	5m

2X RCA PLUGS TO 2X PLUGS

AUDIO PREMIUM OFC

- High performance ■ Superior Quality
- Oxygen-Free Cable ■ Gold plated connectors
- Rubberized 6mm cable ■ For Audio and Video
- RCA plugs feature all metal screw-on covers
- Supplied in Stylish Hang-up Clam Shell Packs

		Length
LH0336	27330336	1.5m

AUDIO THX DUAL BALANCED - MONSTER

- Meets minimum THX® certification standards for proper system performance, reliability and ease of installation ■ Separate protective shield for maximum rejection of RFI and EMI
- Easy to identify colour-coded bands for simple, error-free hookup ■ Dual-balanced conductors for more lifelike sonic reproduction
- 24k gold contacts for optimum signal transfer and corrosion resistance

		Length
THXI100-4	27330620	1.22m
THXI100-8	27330625	2.44m

1M STEREO AUDIO RCA LEAD - MONSTER

- 2x red/ black RCA to 2x red/ black RCA
- Monster's solid core design for dramatically improved sonic performance ■ PEX insulator features low dielectric constant for clearer highs
- Featuring a streamlined design with O-ring grip for easy handling ■ Wide dynamic range

I300MKII	27330630	1m

OPTICAL

TOSLINK TO TOSLINK 4MM CABLES - PR02

DIGITAL AUDIO ECONOMY

Economical Fibre optic interconnect to suit most AV equipment that provide for Optical out connection.

- 4mm diameter fibre optic lead
- Precision polished and thermally buffered
- TOSLINK connectors, polymer fibre flex jacket

		Length
LA0450	27330450	1m
LA0451	27330451	2m
LA0452	27330452	5m

TOSLINK TO 3.4MM OPTICAL PLUG

AUDIO DIGITAL

- Designed for use with Mini Disc players
- 2.2mm diameter Fibre Optic lead
- Polymer Fibre Flex Jacket with an insulating PVC 4.0mm flexible jacket
- Precision polished, thermally buffed

		Length
LA0460	27330460	1m
LA0461	27330461	3m

TOSLINK TO TOSLINK 6MM CABLES

AUDIO DIGITAL PREMIUM

High grade optical cable for audio with a extremely high purity optical fibre cordset with cubic shape (TOSLINK) for interconnect wiring system between Hi-Tech equipment. Specially suitable for digital signal transmission immune to EMI making it ideal for audio components such as amplifiers, CD and DVD players etc.

- Gold plated plugs ■ Overall Diameter: 6.0mm
- Double protected super flexible cable

		Length
LA0470	27330470	1m
LA0471	27330471	2m
LA0455	27330455	3m
LA0457	27330457	5m

AUDIO FIBRE OPTIC - MONSTER

- Precision-polished fibre optic connector for maximum signal transfer accuracy and lower internal reflection ■ Meets minimum THX® certification standards for proper system performance, reliability and ease of installation ■ Specially optimized low-loss optical fibre for higher fidelity
- Allows enjoyment of movies with Dolby Digital® and DTS® surround sound

		Length
THXI100FO-4	27330680	1.22m
THXI100FO-8	27330685	2.44m

COAXIAL

AUDIO DUAL BALANCE SUBWOOFER - MONSTER

- Dual-balanced conductors for more lifelike sonic reproduction ■ Meets minimum THX® certification standards for proper system performance, reliability and ease of installation ■ Separate protective shield for maximum rejection of RFI and EMI
- 24k gold contacts
- Easy to identify colour-coded bands for simple, error-free hookup

		Length
THXI100SW-16	27330640	4.88m
THXI100SW-25	27330645	7.62m

F

SUBWOOFER\ VIDEO INTERCONNECT

- 1x RCA Gold Plated Plug to Plug
- Crystal Clear Transparent Jacket
- SPC Braid, Double Shielding
- Rubber Grip ■ All Metal Shielded Plugs

		Length
HLA8060	27318060	1.5m
HLA8063	27318063	3m
HLA8066	27318066	8m

AUDIO DIGITAL CO-AXIAL - MONSTER

- High density double-shielding for maximum rejection of RFI and EMI ■ High-purity copper-stranded coax for improved signal transfer and low energy loss
- Easy to identify colour-coded bands

		Length
THXI100DCX-4	27330660	1.22m
THXI100DCX-8	27330665	2.44m

LEADS COMPUTER

D RANGE

DB25P/ C36P LEADS

- DB25 Plug to 36 Pin Centronics Plug
- Shielded lead

		Length
LC5000	27725000	1.8m
LC5002	27725002	2.8m
LC5004	27725004	5m
LC5003	27725003	10m

D25P/D25S LEADS

- D25 D Range Plug to D25 D Range Socket
- Shielded lead ■ All pins through wired

		Length
LC5001	27725001	1.8m
LC5005	27725005	2m
LC5007	27725007	5m

D9P/ D9P LEAD

- DB9 Plug to DB9 Plug ■ Shielded lead
- All pins through wired

		Length
LC5081	27725081	2m

D9P/D9S LEAD

- DB9 Plug to DB9 Socket
- Shielded lead
- All pins through wired

		Length
LC5085	27725085	2m

DB25/ DB9 M/F LEAD

- DB25 Plug to DB9 Socket ■ Shielded lead

		Length
LC5093	27725093	2m

DB25/ DB9 SERIAL LAPLINK LEAD

- DB25 & DB9 Sockets on each end
- For Linking a Laptop/P.C to another Laptop/P.C.
- Ideal for laptop to desktop computer transfer. Allowing shared resources like printers and hard drives. ■ Connect to serial port with (LC6001) or to parallel bi-directional port with (LC6002)

		Length
LC6001	27726001	2m

HD15/ DB9 LEAD

- High Density HD15 Plug to DB9 Plug
- Shielded lead

		Length
LC6021	27726021	2m

DIN LEADS

PS/2 KEYBOARD LEAD

- 6 Pin Mini Din Plug to Socket. ■ Shielded lead

		Length
LC6037	27726037	2m

PS/2 COMPUTER LEAD

- 6 Pin Mini Din Plug to Plug ■ Shielded lead

		Length
LC6038	27726038	2m

6 PIN MINI DIN PLUG - PS/2 SPLIT

- Turn your laptop into a desktop! Connect your laptop to a mouse and standard size keyboard
- Ideal for IBM laptop ■ 6-pin mini din Male to two 6-pin Mini din Female connectors

		Length
LC6039	27726039	152mm

6 PIN MINI DIN SOCKET TO PLUG

- 6 Pin Mini Din Socket to 5 Pin Din Plug
- For connection between standard PC keyboard PS2 computer

		Length
LC6048	27726048	150mm

VGA

HD15 PLUG TO PLUG

- High Density HD15 Plug to HD15 Plug Shielded lead
- All pins through wired

		Length
LC6027	27726027	2m

2M M/F HIGH DENSITY VGA

- High Density HD15 Plug to HD15 Socket
- Shielded lead
- All pins through wired

		Length
LC6029	27726029	2m

HD15 PLUG TO SOCKET VGA LEAD WITH FILTER

- High Density HD15 Plug to HD15 Socket
- Shielded lead ■ Male to Female
- 3 Coaxials plus 8 Leads with 1 Ferrite Core

		Length
LC6030	27726030	2m
LC6034	27726034	5m
LC6035	27726035	10m
LC6050	27726050	15m
LC6052	27726052	20m

HD15 PLUG TO PLUG VGA LEAD WITH FILTER

- High Density D15HD Plug to D15HD Plug
- Ferrite Filters at both ends minimises interference
- Male to Male

		Length
LC6031	27726031	5m
LC6032	27726032	10m
LC6049	27726049	15m
LC6051	27726051	20m

FIREWIRE

FIREWIRE 6P/6P LEAD - 2M

- Suitable for Firewire Card to Firewire Card (Networking)

LC6100	27726100

4P/4P FIREWIRE LEAD - 2M

- Suitable for Camera to Camera (AV/DV Dubbing) or camera to notebooks with mini firewire ports

LC6110	27726110

6P/4P FIREWIRE LEAD - 2M

Connects to your camcorders mini firewire port to your computers firewire port

LC6120	27726120

USB

USB TO SERIAL PORT CONVERTER

- Provides PCs, notebook PCs and handhelds using USB an external PnP RS232 port

USB-RS232	09006051

USB TO PARALLEL (25PIN) CONVERTER

- USB 1.1 compliant
- Bi-directional parallel interface communication
- Fully compatible with all parallel printers

USB-DB25	09006052

USB A TO MINI B LEAD - 1.8M

- This USB lead confirms to the new official Mini-A standard ■ For use on compact devices such as mini cameras, mobile phones and PDAs

LC7182	27727182

USB A TO MINI LEAD - 1.8M

- USB A to USB Mini
- Suits digital cameras such as Kodak, HP, Nikon and more

LC7184	27727184

USB-A TO MINI-B - 2M

- Used in most modern cameras, handhelds, mobile phones etc.

USBA-MINIB	27727416

USB A - USB B LEADS

- USB lead with A type (flat) to B type (square) connectors
- Male to Male
- Connects your computer to your printer, or external hard drives. modems etc.

		Length	
LC7200	27727200	2m	●
LC7210	27727210	3m	○
LC7203	27727203	5m	●

USB A PLUG TO USB A SOCKET EXTENSION LEADS

- USB A plug - USB A socket ■ Male to Female
- For extending the reach of your computers USB port

		Length
LC7190	27727190	2m
LC7215	27727215	5m

5-IN-1 USB EXTENSION LEAD KIT

Quick connect USB Cable for connecting to any USB peripheral. All your cable connection needs in one stylish and compact unit.

- USB 2.0 compatible: 480MBPS transfer speed

Gold Connectors include:

- A Male - A Female
- A Male - Mini B Male
- Mini A Male - Mini B Male
- Mini A Male - B Male

		Length
LC7220	27727220	1.8m

SATA LEADS

SERIAL ATA LEAD

NEW

- Length: 45cm long
- Compatible with SATA I and SATA II
- Connects serial hard drives to motherboards

SATA 45	27727420

MOLEX TO SATA POWER + SATA DATA CABLE

NEW

- Connects your old molex power connector from your power supply to a SATA HDD
- 7 pin data + 15 pin power SATA connections
- Molex to SATA power: 16.4cm
- SATA to SATA: 52cm

RC-5055	27727425

F

CAT6 PATCH LEADS

CAT6 Patch Leads with moulded strain relief.

Features:
- RJ45 male-to-male connectors
- Supplied fitted with flush injection moulded cable boots to prevent flaring of cables
- Category 6 is a proposed standard that aims to support transmission at frequencies up to 250 MHz over 100 ohm twisted pair
- Supports current Category 6 applications such as 100BaseTX, 100BaseVG, ATM, Gigabit Ethernet and all fast Ethernet protocols

CAT6 GREEN

LC7015	27727015	0.5m	
LC7020	27727020	1m	
LC7025	27727025	2m	
LC7030	27727030	3m	
LC7035	27727035	5m	
LC7040	27727040	10m	
LC7045	27727045	15m	
LC7050	27727050	20M	

CAT6 BLUE

LC7021	27727021	1m	
LC7026	27727026	2m	
LC7032	27727032	3m	
LC7036	27727036	5m	
LC7041	27727041	10m	

CAT5 PATCH LEADS

Moulded patch cables provide the ultimate in reliability
- RJ-45 Male connectors
- Upto 100MBps data rate
- Austel approved
- Unshielded 24-gauge twisted pair
- 4-Pairs (stranded conductors)

CAT5 BLUE - PRO2

In blister packs

LC7104	27727104	0.5m	
LC7106	27727106	1m	
LC7112	27727112	2m	
LC7114	27727114	3m	
LC7118	27727118	5m	
LC7122	27727122	10m	
LC7125	27727125	15m	
LC7127	27727127	20m	

CAT5 RED - PRO2

- RJ-45 Male connectors
- Up to 100MBps data rate
- Unshielded 24-gauge twisted pair
- 4-Pairs (stranded conductors)

LC7128	27727128	0.5m	
LC7129	27727129	1m	
LC7130	27727130	2m	
LC7131	27727131	3m	
LC7132	27727132	5m	
LC7133	27727133	10m	
LC7134	27727134	15m	
LC7135	27727135	20m	

CAT5 YELLOW - PRO2

- RJ-45 Male connectors
- Up to 100MBps data rate
- Unshielded 24-gauge twisted pair
- 4-Pairs (stranded conductors)

LC7148	27727148	0.5m	
LC7149	27727149	1m	
LC7150	27727150	2m	
LC7151	27727151	3m	
LC7152	27727152	5m	
LC7153	27727153	10m	
LC7154	27727154	15m	
LC7155	27727155	20m	

CAT5 GREEN - PRO2

- RJ-45 Male connectors
- Up to 100MBps data rate
- Unshielded 24-gauge twisted pair
- 4-Pairs (stranded conductors)

LC7138	27727138	0.5m	
LC7139	27727139	1m	
LC7140	27727140	2m	
LC7141	27727141	3m	
LC7142	27727142	5m	
LC7143	27727143	10m	
LC7144	27727144	15m	
LC7145	27727145	20m	

CROSSOVER LEADS

CAT6 CROSSOVER LEADS

CAT6 Crossover Network Cables with moulded strain relief. Features RJ45 male-to-male connectors and supplied fitted with flush injection moulded cable boots to prevent flaring of cables. Category 6 Cable Standard: Category 6 is a proposed standard that aims to support transmission at frequencies up to 250 MHz over 100 ohm twisted pair.

Features:
- CAT6 crossover ethernet cables
- Quality cross-over cable
- Moulded strain relief
- Low profile flush moulded boots

LC7060	27727060	2m	
LC7065	27727065	5m	
LC7070	27727070	10m	

CAT5E CROSSOVER LEADS

Ideal for connecting ethernet devices directly
- RJ-45 Male connectors
- Upto 100MBps data rate
- Unshielded 24-gauge twisted pair

LC7172	27727172	2m	
LC7175	27727175	5m	
LC7178	27727178	10m	

LEADS POWER

APPLIANCE

CLOVER LEAF POWER CORD

A 3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances

CLPC5	27751974	2m

IEC POWER LEADS

- Detachable power lead used on most mains powered equipment
- 3 x 32/0.20 10Amp PVC cable with 3 pin plug and moulded IEC female plug

K9-1MW	27752023	1m	
K9-1MB	27752021	1m	
K9-2MT	27752013	2m	

RIGHT ANGLE IEC POWER

- Detachable power lead, 3 pin plug to right angled IEC female plug

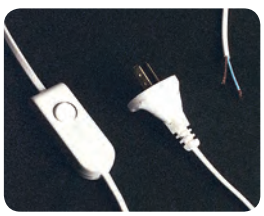
K9-RA2MT	27752018	

IEC EXTENSION LEAD

- IEC socket to IEC plug
- PVC cable

		Length
K10-2MT	27752056	2m

2 CORE POWER LEAD WITH SWITCH



- White sheathed 2 core mains lead to bare ends
- Incl. 2 amp inline switch & moulded 2 pin mains plug
- For lamp cords & low current applications

		Length
18WS	27752095	1.8m

2 CORE POWER LEAD

- 2 x 24/0.20, 7.5Amp, Black sheathed cable
- 2 pin plug to bare ends

		Length
22PB	27753003	2m

3 CORE POWER LEAD

- 3 x 24/0.20, 7.5Amp,PVC cable
- 3 pin plug to bare ends

		Length	
23PB	27753006	2m	●
23PW	27753018	2m	○

FIGURE 8 AC MAINS LEAD

- 2 x 24/0.20 7.5Amp twin black cable with 2 pin moulded plug and socket ■ 2 Key Slots

713AC	27871032	2m

EXTENSION LEADS

MEDIUM DUTY EXTENSION LEADS

Domestic Extension Leads with shrouded cord extension sockets

- In white PVC ■ 230/240V AC
- 10 Amps ■ 2400W MAX
- 3 core 1.0mm flexible medium duty cable

		Length
EXL2M	27782012	2m
EXL3M	27782017	3m
EXL5M	27782032	5m
EXL7M	27782040	7m
EXL10M	27782048	10m
EXL15M	27782050	15m

20M EXTENSION LEAD - HPM

- PVC ordinary duty cable with fully moulded 3 pin plug and socket
- 10Amp 2400W 230-240V AC
- 3 Core 1.0mm cable
- Suitable for home and office use.

		Length
EXL20M	27782081	20m

PIGGYBACK EXTENSION LEADS

These safety leads are ideal for general household duties. Having fully moulded plugs and sockets for extra protection, they allow you to plug in an additional plug without need for a double adaptor.

- Rated: 10A 240V ■ Colour: White

		Length
R2601	27782150	1m
R2602	27782155	2m
R2604	27782160	4m

HEAVY DUTY GARDEN EXTENSION LEAD - HPM

- 10 amps max ■ Unique clamping socket, holds plug in place to prevent lead pull out
- Parking clip on plug, clips to lead to prevent reel unravelling ■ 230 - 240V AC 50Hz
- 3 core 1.0mm flexible heavy duty

		Length
R2825GL	27782214	25m

HEAVY DUTY EXTENSION LEAD - HPM

- 15 amps max ■ 3600 Watts
- Unique clamping socket ■ 230 - 240V AC 50Hz
- 3 core 1.0mm flexible extra heavy duty

		Length
R2908/15	27782505	8m

EXTRA HEAVY DUTY EXTENSION LEAD

Construction site safety lead, heavier gauge conductors reduce voltage drop

- 10 amp clear moulded plug and socket for easy safety inspection, protective safety skirt on socket
- 230 - 240V AC 50Hz

		Length
R2930	27782507	30m

POWER LEAD ACCESSORIES

EXTENSION LEAD CABLE HANGER

- Handy for storing cable in vans, simply loop cable around the arm & flip it up to secure it for transport
- Keeps cable neat and tidy, when ready to use flip arm down to feed out cable

ECH1	27791001	

TEST LEADS

SILIVOLT 4MM TEST LEADS

Highly flexible SILICON Test Leads with stackable 4mm Multi-Lam Plugs.
Soldering iron resistant with practical application under extreme climatic and laboratory conditions in between - 100 degrees C and + 300 degrees C.
Laminated cage spring with solid brass pin ensures a virtual non-resistive contact.
KCK silicon mixture includes additives for kerf, potential and thermo-shock stability.

0.5 METRES

		Length	
SML050BLK	27911185	0.5m	●
SML050RED	27911186	0.5m	●
SML050BLU	27911187	0.5m	●
SML050YEL	27911188	0.5m	●
SML050GRN	27911189	0.5m	●
SML050VIO	27911190	0.5m	●

F

4MM MULTI-LAM PLUGS - 1M

		Length	
SML100BLK	27911207	1m	●
SML100RED	27911208	1m	●
SML100BLU	27911209	1m	●
SML100YEL	27911210	1m	●
SML100GRN	27911211	1m	●
SML100VIO	27911212	1m	●

HCK LEADS

4MM SAFETY TEST LEADS

- Up to 1000V, 16Amp ■ 1 metre long
- Highly flexible HCK-leads 0.75mm
- 2 cross-section and two 4mm axial safety plugs
- XMS with double insulated HCK-Silicon lead >SILIVOLT-D

		Length	
XMS402BLK	27911301	1m	●
XMS402RED	27911302	1m	●

4MM RIGHT ANGLE SAFETY TEST LEADS

1 metre, ready assembled with highly flexible HCK leads 1.0mm diameter. Leading end: 4mm safety Plug Prod. Trailing end: 4mm safety angular Multi-Lam Plug L486.With soldering iron resistant HCK-SIL lead "SILIVOLT"16 Amp & up to 1000 VAC/DC.

		Length	
XPS482BLK	27911456	1m	●
XPS482RED	27911457	1m	●

TEST LEADS - FLUKE - 1.2M

- Comfort grip probes with PVC insulated leads
- Super strong tips with integral strain relief for long service life ■ Safety shrouded right angle 4mm
- Length: 1.2Metres ■ Rating: 1500V 10A

TL75	46011599

TEST LEAD SET - FLUKE

- One pair (red, black) each 1 meter long silicone test lead set, alligator clip and probe tip extender
- C75 soft carrying case ■ CAT II 300 V. UL listed

TL80A	46011525

TEST LEAD SETS

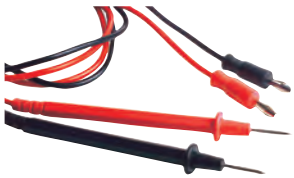
- Red, Black test lead pairs with flexible moulded banana plugs
- Moulded test probes with sharp test points
- With 4mm Plugs

4MM RIGHT ANGLE PLUG TEST LEAD SET - 1M

- 2mm Plugs

SC1002	27912115

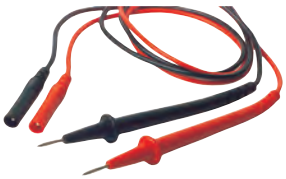
4MM STRANDED TEST LEAD SET - 1M



- 4mm Plugs

SC1003	27912118

4MM SHROUDED PLUG TEST LEAD SET - 1M



1 Metre Red, Black leads with safety 4mm banana plugs and safety grip test probes with sharp test points

03020TL	27912134

LEADS 12V

LIGHTER EXTENSION LEAD - 3M

- Plugs into 12V cigarette lighter socket in your car
- Use with any 12V travel accessory
- For cars, trucks, RVs, boats & vans

CLE3M	07053001

CIGARETTE LIGHTER WITH BATTERY CLIPS

This lead simply clips onto car battery terminals and has a cigarette lighter socket on the other end ■ 12v

		Length
LBC01	07053011	4m

LEADS TV

COAXIAL TV FLYLEADS - PRO2

- 3C2V 75 Shielded coaxial cable flylead with moulded PAL Plug to PAL Plug
- Screening Factor: >75dB

		Length
EU269-1.5	00764996	1.5m
EU269-2.5	00765001	2.5m
EU269-5	00765004	5m
EU269-10	00765008	10m

FLYLEAD WITH SOCKET TO SOCKET ADAPTOR - PRO2

- Standard 3C2V 75 Ohm Shielded coaxial cable extension lead with moulded connectors at each end
- PAL Plug to PAL Plug ■ Screening Factor: >75dB
- Includes PAL Socket to PAL Socket Adapter

		Length
EU270-1.5M	00765015	1.5m
EU270-2.5M	00765016	2.5m
EU270-5M	00765017	5m

COAXIAL TV EXTENSION LEADS - PRO2

- Standard 3C2V 75 Ohm Shielded coaxial cable extension lead with moulded connectors at each end
- PAL Plug to PAL Socket ■ Screening Factor: >75dB

		Length
EU271-1.5MT	00765028	1.5m
EU271-2.5MT	00765032	2.5m
EU271-5MT	00765040	5m

'F' TO PAL PLUG FLYLEAD

- Shielded coaxial 75 ohm adaptor lead cable with moulded connectors at each end
- "F " Type Plug to PAL Plug

		Length
FL271HD-1.8	00765092	1.5m

RG6 QUAD F TYPE FLYLEADS

- Digital ready Flylead with RG6QUAD shielded coaxial 75 ohm cable with moulded connectors at each end
- "F" Type Plug to "F" Type Plug

		Length
FL269HD-1.5	00765085	1.5m
FL269HD-3	00765087	3m
FL269HD-5	00765095	5m
FL269HD-10	00765100	10m

PAL PLUG TO PLUG FLYLEAD (10 PACK)

- 10 piece bulk pack ■ 75 Ω
- Pal Male to Pal male coaxial cable

		Length
EU272	00769014	1.5m

PAL PLUG TO SOCKET FLYLEAD (10 PACK)

- 10 piece bulk pack ■ 75 Ω
- Pal Male to Pal Female Coaxial Cable

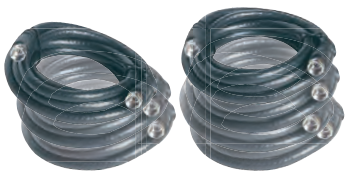
		Length
EU273	00769015	1.5m

PAL PLUG TO 'F' PLUG FLYLEAD (10 PACK)

- 10 piece bulk pack ■ 75 Ω
- Pal Male to F-type male coaxial cable

		Length
EU274	00769016	1.5m

QUAD 'F' PLUG TO 'F' PLUG FLYLEAD (10 PACK)



- 10 piece bulk pack ■ 75 Ω
- F-type Male to F-type Male flylead

		Length
EU275-1.5F	00769025	1.5m

QUAD 'F' PLUG TO PAL PLUG FLYLEAD (10 PACK)

- 10 piece bulk pack ■ 75 Ω
- F-type Male to Pal Male flylead

		Length
EU276-1.5FP	00769030	

CABLE

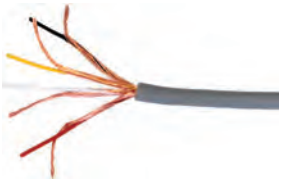
VIDEO

S VIDEO CABLE

- 2 x 7/0.10mm, Low capacitance ■ OFC conductors
- Double shielded ■ Y&C signal transmission
- Black PVC sheathed ■ Ideal for S-VHS Video Leads

		Length
2X7.10	05032203	100m

4 X 10/0.12MM INDIVIDUALLY SHIELDED CABLE



- 4 x 10/0.12mm, colour coded cores with individually wrapped copper shielding
- Round Black PVC sheath ■ O/D:4.8mm

		Length
4X10.12	05033000	100m

RGB TRIO COAX CABLE

- Flat 3 solid core RG59 Duo shielded cable with RGB coded dielectric insulation
- Ideal for professional, permanent AV installations (inside walls, under floors etc.)
- Heavy Duty, Insulation thickness 0.71mm
- RGB colour coded cores ■ O/D: 21 x 7mm

		Length
RG59RGB	05033039	100m

RGB COMPONENT VIDEO CABLE - DOSS

- Available as a 30 metre roll
- Professional quality and durable construction
- Inner conduct: 3x 1/0.5mm Cu
- Inner insulation: 3x Ø 2.7mm FPE
- Al/Mylar: 3x 10/0.025mm
- Braid: 3x 112/0.12mm Cu
- Cotton: 3x 50/0.25mm
- Middle jack: Ø 5.0mm PVC (Red/ Blue/ Green
- Cotton paper: 25*0.05mm
- Outer jack: Ø 14.0mm PVC

		Length
PRORGB	05034031	30m

MICROPHONE

2X7.2 AUDIO/MIC CABLE

- 2 x 7/0.2mm, Black PVC sheathed
- Wrap screened ■ O/D: 3.8mm

		Length
2X7.2	05031008	100m

2X16.2-1M AUDIO/MIC CABLE

- 2 x 16/0.2mm tinned copper conductor
- Braided tinned copper wire shield
- Black PVC sheath with cotton filler
- Insul. Thickness: 0.3mm ■ O/D: 5.4mm

		Length
2X16.2	05032112	100m

2X23.12-1M AUDIO/MIC CABLE

- 2 x 23/0.12mm, PVC sheathed with cotton filler
- Insul. Thickness: 0.71mm
- O/D: 6.35mm ■ Colour: Blue

		Length
2X23.12	05032128	100m

2X28.08-1M AUDIO/MIC CABLE

- Ultra flexible with rubber & PVC sheath, suits Cannon type Mic Connectors
- 2 x 23/0.12mm ■ O/D: 6.35mm
- Insul. Thickness: 0.71mm

		Length
2X28.08	05032136	100m

MIC CABLE - AMPHENOL

- Amphe-sound Heavy Duty with Rubber sheath.
- Suits Amphenol XLR Connectors
- Heavy Duty, Insulation thickness 0.71mm
- Double Shielded with Cotton filler
- Twin cores wrap screened ■ O/D: 6.8mm

		Length
2X80.08	05032141	100m

TWIN INDIVIDUALLY SHIELDED CABLE

- 2 x 10/0.12mm, Figure 8 type
- Black PVC sheathed ■ Ideal for Audio Leads, Turntables, CD players and Tape connections

		Length
2X10.12	05032144	100m

F

AUTOMOTIVE

3MM X2 FIG8 AUTO CABLE

- 2 x 14/0.3mm (9Amp)
- Red PVC sheathed with black trace

		Length
3MMX2	05040301	100m

3MM X1 9 AMP AUTO CABLES

- 1 x 14/0.3mm (9Amp)
- PVC sheathed

		Length	
3MMX1-B	05040319	30m	●
3MMX1-R	05040320	30m	●

4MM X2 FIG8 AUTO CABLE

- 2 x 26/0.3mm (18Amp)
- Red PVC sheathed with black trace

		Length
4MMX2	05040351	100m

4MM X1 18 AMP AUTO CABLE

- 1 x 26/0.3mm (18Amp) ■ PVC sheathed

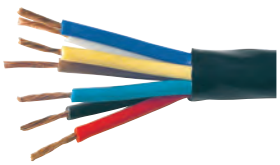
		Length	
4MMX1-B	05040379	30m	●
4MMX1-R	05040380	30m	●

6MM X1 40AMP AUTO CABLE

- 1 x 65/0.3mm (40Amp) ■ PVC sheathed

		Length	
6MMX1-B	05040390	30m	●
6MMX1-R	05040391	30m	●

TRAILER CABLE

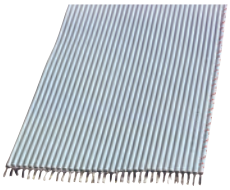


- 7 x 9/0.3mm (6Amp) ■ Black PVC sheathed
- Ideal for trailer connection

		Length
7X9.3	05041201	100m

COMPUTER

IDC RIBBON CABLE



- Extruded grey cable with red tracer
- Suits IDC plugs and sockets also internal wiring of electronic equipment, computers etc
- Conductors: 28 AWG(7/0.127mm)
- Rate Voltage: 300V DC ■ Pitch: 1.27mm
- Thickness: 0.9mm (0.1)

		Length	Core
10WCOM	05060971	30m	10
16WCOM	05061002	30m	16
20WCOM	05061008	30m	20
25WCOM	05061018	30m	25
26WCOM	05061023	30m	26
34WCOM	05061034	30m	34
40WCOM	05061058	30m	40
50WCOM	05061066	30m	50

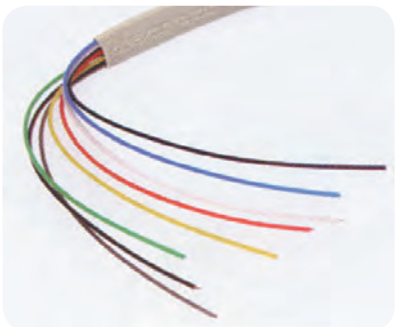
MULTICORE SCREENED DATA CABLE

- Low voltage (Unbalanced) 7 x 0.2mm strand tinned copper conductors ■ Screen: Aluminium Polyester laminate foil tape provides 100% shield, earthed with a Tinned Copper drain wire for ease of termination ■ Colour coded
- Grey PVC - V105 Flame Retardant sheathed (UL APPROVED STYLE 2464)

		Length	Core
4X7.2SCR	05062116	100m	4
6X7.2SCR	05062132	100m	6
8X7-.2SCR	05062137	100m	8
12X7.2SCR	05062148	100m	12

TELEPHONE

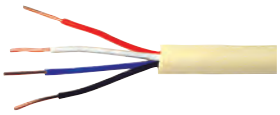
MODULAR TELEPHONE CABLE



- Modular flat type designed for use with modular RJ type connectors ■ 7 strands/0.15mm per core
- Colour Coded Conductors: 4 Core (Black, Red, Green & Yellow), 6 Core (White, Black, Red, Green, Yellow & Blue), 8 Core (Grey, Orange, Black, Red, Green, Yellow, Blue & Brown)
- PVC outer sheath ■ 8 core (5.9mm)

		Length	Core
T4	05111008	100m	4
T6	05111023	100m	6
T8	05111039	100m	8

ROUND TELEPHONE CABLES



- Conductors: 1/0.5mm plain solid copper, V-75 insulated
- Colour Coded Conductors:
- 4 Core (Black, Red, Green & Yellow)
- 6 Core (White, Black, Red, Green, Yellow & Blue
- Cream PVC outer sheath - 4 core (3.5mm)

		Length	Core
2PRTEL	05112024	100m	4
3PRTEL	05112040	100m	6

CAT5/6

BLUE CAT5E SOLID CABLE

- High performance 100MHZ Category 5 in-building distribution cable ■ Flexible unshielded 24AWG solid pairs copper FEP insulated conductors
- For high speed data applications
- Kink resistant easy to install jacket
- Impedance: 10015 Ohms ■ Insulation PE: 0.92
- Attenuation: 22.0Db/100M @ 100MHz \
- Outside Diameter: 5.20 ■ Supports network systems i.e Ethernet, Token Ring and X-DDT

		Length
4PRX7BLU	05062805	305m

CAT5E STRANDED CABLE

- Flex-plus plenum is a high performance category 5 in-building distribution cable ■ 4 unshielded twisted pairs (UTP) 7 strand copper FEP insulated conductors ■ For high speed data applications 100Mbps and beyond
- Kink resistant easy to install jacket
- Supports network systems i.e Ethernet, Token Ring and X-DDT ■ Transmission distance meets or exceeds 100m horizontal distribution
- Attenuation: 32dB @1000ft (100MHz)

		Length
4PRx7-ST	05062820	100m

HOOKUP

FINE HOOKUP WIRE

- 21 strands/0.08mm ■ Bare annealed copper wire
- Insulation PVC to AS3191 ■ O/D: 1.5mm
- Voltage Max RMS:1000V

		Length	
21-.08-B	05081200	100m	●
21-.08-R	05081201	100m	●
21-.08-BLU	05081202	100m	●
21-.08-Y	05081203	100m	●
21-.08-G	05081204	100m	●
21-.08-W	05081205	100m	○

LIGHT DUTY HOOKUP WIRE

- 7 strands/0.25mm ■ Tinned copper wire
- Insulation PVC-V105 ■ O/D: 1.6mm ■ Amps: 1.5A

		Length	
7-.25-B	05081998	100m	●
7-.25-R	05081999	100m	●
7-.25-BLU	05082000	100m	●
7-.25-Y	05082001	100m	●
7-.25-G	05082002	100m	●
7-.25-BR	05082003	100m	●
7-.25-W	05082004	100m	○
7-.25-O	05082005	100m	●

MEDIUM DUTY HOOKUP WIRE

- 16 strands/0.25mm ■ Tinned copper wire
- Insulation PVC-V105 ■ O/D: 1.9mm ■ Amps: 3.0A
- For Electronics, Switchboards, etc.

		Length	
16-.2-B	05085000	100m	●
16-.2-R	05085001	100m	●
16-.2-BLU	05085002	100m	●
16-.2-G	05085003	100m	●
16-.2-BR	05085004	100m	●
16-.2-W	05085005	100m	○

24/.2 POWER HOOKUP WIRE

- 24 strands/0.2 mm ■ Tinned copper wire
- Insulation PVC-V105 ■ O/D: 2.5mm
- Amps: 7.0A/240V ■ For Mains Wiring, etc.

		Length	
24-.2-B	05092001	100m	●
24-.2-R	05092002	100m	●
24-.2-BLU	05092003	100m	●
24-.2-G	05092004	100m	●
24-.2-BR	05092005	100m	●
24-.2-W	05092006	100m	○

32/.2 HEAVY DUTY POWER HOOKUP WIRE

- 32 strands/0.2 mm ■ Tinned copper wire
- Insulation PVC-V105 ■ O/D: 3.2mm
- Amps: 10A/240V ■ For Mains Wiring, etc.

		Length	
32-.2-B	05092300	100m	●
32-.2-R	05092301	100m	●
32-.2-1BLU	05092302	100m	●
32-.2-G	05092303	100m	●
32-.2-BR	05092304	100m	●
24-.2-W	05092006	100m	○

POWER

TWIN POWER CABLE

- 2 Core x 1 strand/1.13mm with Red and White insulation's ■ 0.6/1kV to AS 3147
- White PVC sheathed ■ Dim.: 10mm x 7.2mm

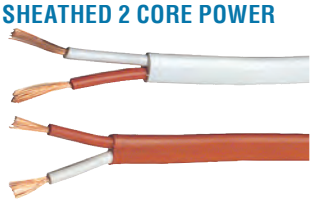
		Length
2X1-1.13P	05091006	100m

2X24/.2 FIGURE 8 POWER CABLE

- Figure 8 2 core power flex
- 2 core x 24 strand/0.2mm ■ Insulation: PVC - V7

		Length	
2X24-.2-PB	05093003	100m	●
2X24-.2-PBR	05093004	100m	●
2X24-.2-PW	05093005	100m	○
2X24-.2-PG	05093006	100m	●

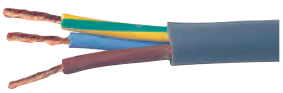
2X24/.2DS SHEATHED 2 CORE POWER CABLE



- 2 core x 24 strand/0.2mm ■ Insulation: PVC - V7
- Red sheath: suitable for Fire Evacuation Installations

		Length	
2X24-.2DSW	05093020	100m	○
2X24-.2DSR	05093026	100m	●

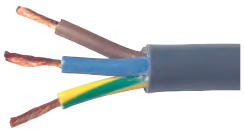
3X32/.2 ORDINARY DUTY POWER CABLE



- 3 core x 32 strand/0.2mm
- Ordinary duty PVC insulated, Grey PVC sheathed flexible power cable
- Conductor Colours: Blue, Brown, & Green/Yellow
- O/D: 7.4mm

		Length	
3X32-.2-PG	05094021	100m	●
3X32-.2-PW	05094022	100m	○

3X30/.25 HEAVY DUTY POWER CABLE



- 15 Amp 3 core x 30 strand/0.25mm
- Heavy Duty PVC insulated, Grey PVC sheathed flexible power cable ■ O/D: 10.5mm
- Conductor Colours: Blue, Brown, & Green/Yellow

		Length	
3X30-.25-PG	05094039	100m	●

SPEAKER

- All speaker cables are sold in per metre quantities
- Length indicates available reels

2X14/.14 LIGHT DUTY SPEAKER CABLE

- Light duty speaker cable for wiring Electronic Equipment, Extension Speakers & Security Systems
- 2 corex14 strand/0.14mm
- Untinned copper conductors, Grey sheath with coloured trace
- Amperage: 1.5Amps
- Dim.: 3.6 x 1.8mm

		Length
2X14-.14	05101007	100m

2X30-.14M MEDIUM DUTY SPEAKER CABLE

- Medium duty speaker cable for wiring Speaker Systems, Equipment Equip, & Security systems
- 2 core x 30 strand/0.14mm ■ Amperage: 4Amps
- Untinned copper conductors, Grey sheath with coloured trace ■ Dim.: 4.8 x 2.5mm

		Length
2X30-.14-R	05101024	100m
2X30-.14M	05101025	500m

2X91-.12 HEAVY DUTY OFC SPEAKER CABLE

- Heavy duty, high quality speaker cable, for wiring HI-FI speaker systems
- 2 core x 91 strand 0.12mm
- 1 x Tinned & 1 x Plain copper conductor
- Transparent sheath
- Dim.: 4.1 x 2.0mm

		Length
2X91-.12	05101055	100m

2X41-.16 MEDIUM DUTY OFC SPEAKER CABLE

- Medium duty high quality speaker cable for wiring hi-fi speaker systems ■ 2 core x 41 strand 0.16mm
- 1 x tinned & 1 x plain copper conductor
- Blue transparent sheath ■ Dim.: 4.1 x 2.0mm

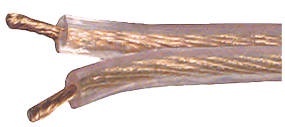
		Length
2X41-.16	05101041	100m

2X96-.12 HEAVY DUTY SPEAKER CABLE

- Heavy duty, high quality, OFC (Oxygen Free Copper) speaker cable for wiring HI-FI speaker systems
- Pure O.F.C. conductors
- 2 core x 96 strand 0.12mm
- Transparent sheath with printed trace
- Amperage: 6 Amps ■ Diam.: 5.9 x 3.0 mm

		Length
2X96-.12	05101039	100m

2X308-.12 JUMBO OFC SPEAKER CABLE



- Jumbo extra heavy duty speaker cable, for wiring high power HI-FI speaker systems
- 2 core x 301 strand/0.11 mm
- 1 x Tinned conductor and 1 x Plain copper conductor
- Clear soft flexible sheath
- Dim.: 9.8 x 4.7mm

		Length
2X308-.12	05101071	100m

F

XPS SPEAKER CABLE - MONSTER

- High Performance Twin Flat Speaker Cable
- Specially designed cable windings for improved clarity and dynamics ■ Magnetic Flux Tube (r) construction distributes internal magnetic fields for more natural music reproduction
- Special LPE dielectric insulation around conductors reduces dielectric signal loss ■ Dim.: 8.2 x 4mm
- Lies flat under carpet or can be tacked along walls or skirting boards for easy installations

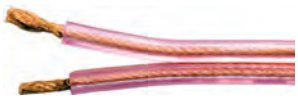
		Length
XPS	05107030	150m

XPHPS SPEAKER CABLE - MONSTER

- Industry Standard The original Monsterflex
- High resolution twin speaker cable with clear Duraflex insulation ■ Large copper conductor area for better power transfer, greater dynamics and punch to the music ■ Dimension: 1.12 x 5.7mm
- Recommended by the Worlds most respected Audio Equipment Manufacturers

		Length
XPHPS	05107041	100m

XPMNEW CABLE - MONSTER



- The latest Hi Quality speaker cable from Monster
- High performance for best possible music reproduction with large copper surface area for better signal transfer ■ Special LPE dielectric
- Insulation around conductors reduces dielectric signal loss ■ Flat on one side for easy securing
- Dimensions.: 12 x 6mm

		Length
XPMNEW	05107045	100m

THX CERTIFIED CABLE - MONSTER

REEL ONLY

- All-in-one home theatre speaker wire
- 24k gold contact ■ Colour-Coded Connectors
- Large Copper Conductors
- Heavy-Duty Duraflex Jacket

		Length
SP16	05107055	30m

AUDIOPHILE CABLES

- Square section clear outer jacket
- Tough polyethylene dielectric between the copper conductor and the clear outer jacket
- Unique centre insulated core technology reduces time related distortion

		Length
DOHQ	05109005	100m
DOHQR	05109006	30m reel only

2X96.12R EXTRA HEAVY DUTY OFC SPEAKER CABLE

REEL ONLY

- Extra Heavy duty, high quality OFC speaker cable, for wiring high powered HI-FI speaker systems
- 2 core x 96 strand 0.12mm
- 2 x Plain copper conductors, White Trace
- Transparent sheath ■ Dimensions: 8.0 x 4.0mm

		Length
2X96.12R	05109007	30m

2X308.12R JUMBO EXTRA HEAVY SPEAKER CABLE

REEL ONLY

- Jumbo extra heavy duty speaker cable, for wiring high power HI-FI speaker systems
- 2 core x 301 strand/0.11 mm ■ Dim.: 9.8 x 4.7mm
- 1 x Tinned conductor and 1 x Plain copper conductor ■ Clear soft flexible sheath

		Length
2X308.12R	05109008	30m

INTERCOM

0.9MM AIPHONE INTERCOM CABLE

- Official heavy duty 2 core cable for installing intercoms, with extra tough sheath and solid conductor cores for low signal loss. This cable is designed to be pulled through narrow openings, behind walls, ceilings and under floor
- Size: 3 x 2 mm HW

		Length
KBWIRE	05061974	100m

TEST LEAD

TEST LEAD CABLES

- Resistant to hot soldering iron or chemicals, withstands temperatures from -100°C to +300°C. May be bent or flexed a thousand times and subjected to extreme vibration and still maintains current carrying capacity ■ 384 strands x 0.05mm
- 16A continuous current rating
- Overall Dia: 3.5mm ■ Voltage: 3000V Per 5m

		Length
384-.05BLK	05351301	5m
384-.05RED	05351302	5m

SECURITY

CCTV SHIELDED CAMERA & POWER CABLE

- RG59 Video Coax, plus heavy duty 2 core fig. 8 camera power cable with tracer in tough outer sheath ■ Overall: 10mm

		Length
CCTVCOM24	05062038	100m

SECURITY CABLE (100M)

- 7 x 0.2mm stranded plain copper conductors
- Colour coded cores ■ Grey PVC sheath
- Austel Approved
- Low voltage applications, like Security, Audio, etc.

		Length	Core
4X7-.2SC	05062008	100m	4
6X7-.2SC	05062024	100m	6

COAXIAL

RG58CU 50 OHM COAXIAL CABLE

- A 50 ohm co-axial cable for communications and computer connection with 19 x 0.18mm stranded tinned copper conductor, copper braided shield, Polyethylene dielectric ■ Black PVC sheathed
- Capacitance: 100PF/M ■ O/D: 5mm
- Attenuation @ 200MHZ - 23dB/100M

		Length
RG58CU	05051017	100m

RG213 50 OHM COAXIAL CABLE

- A heavy duty 50 ohm co-axial cable with 7 x 0.71mm stranded plain copper conductor & braided shield, Polyethylene dielectric Black PVC sheathed
- O/D: 10.3mm ■ Cap.:100PF/M
- Attenuation @ 200MHz - 10dB/100M

		Length
RG213	05051049	100m

RG174U 50 OHM COAXIAL

- Characteristic Impedance: 50 Ohms ± 3
- Capacitance Conductor to Shield: 100.8 ± 5 pf/m
- Insulation Resistance: AC100 Mega ohm/km min
- Conductor Resistance: 108.45/km
- Rating Temperature Voltage: 60°C 30V
- Dielectric Strength: 1kv/min.

		Length
RG174U	05051051	100m

RG59U 75 OHM COAXIAL CABLE

- 1 x 0.8mm solid copper conductor with braided copper shield 75 ohm co-axial cable
- Black PVC sheathed ■ Overall Diameter: 6.5mm
- Attenuation @ 470MHz - 18dB/100M

		Length
RG59U	05052023	100m

RG59U 75 OHM COAXIAL CABLE

- Conductor: 0.81mm Solid Copper covered Steel
- Dielectric: 3.71mm FPE 100%
- Sweep tested Screen: Duofoil 100% + aluminium braid 37.5% ■ Nom. Capacitance: 56.8 pf/Mtr
- Atten. @ 200MHz-12.1dB/100M ■ Jacket :6.5mm

		Length
9275	05052030	305m

RG6U 75 OHM COAXIAL CABLE

- Low loss air spaced tinned copper plus aluminium shield ■ A grade UV resistant PVC cover
- Type RG6: 1.00/4.600
- Cell/0.120 x 64Tmm + Single AL/ 6.500 PVC
- Suitable for UHF and long runs
- Atten. @ 427MHz -14.02dB/100M

		Length
RG6U	05052045	100m

RG6DUO 75 OHM COAXIAL CABLE

- 6.91mm Jacket
- 1. 05mm copper clad steel centre conductor
- Aluminium braid 60% & Sealed APA tape shield
- Suitable for UHF, Pay, Satellite
- Attenuation/100metres: 240MHz .... 12.1dB/100M 450MHz 16.8dB/100M 1GHz 20.1dB/100M

		Length
RG6DUO	05052061	305m

QUAD ROLL/ BOX - BELDEN

- Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The screening/Outer conductor is an aluminium tape Covered with woven aluminium braid
- 7.54mm Jacket
- 1.0 5mm copper clad steel centre conductor
- Aluminium braid 60% & Sealed APA tape shield
- Suitable for UHF, Pay, Satellite
- Attenuation/100metres: 100MHz .6.63dB/100M. 200MHz .9.35dB/100M. 400MHz ...2.9dB/100M
- Available in 305 Meter Auto Dispensing Box

		Length	
RG6QBR	05052067	100m	Roll
RG6QBB	05052065	305m	Box

QUAD ROLL/ BOX - DOSS

- Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The screening/ outer conductor is an aluminium tape covered with woven aluminium braid
- 1.0 5mm copper clad steel centre conductor
- Aluminium braid 60% & Sealed APA tape
- Suitable for UHF, Pay, Satellite - 7.54mm Jacket
- Attenuation/100metres:100MHz .6.63dB/100M. 200MHz .9.35dB/100M. 400MHz .2.9dB/100M

		Length	
RG6QDR	05052076	100m	Roll
RG6QDB	05052070	305m	Box

RG62 93 OHM COMPUTER COAXIAL CABLE

- For computer network communications
- Inner conductor: 1 x 0.64mm copper clad steel - copper weld & plain copper braid
- Dielectric: Air spaced
- Black PVC sheathed
- O/D: 6.2mm
- Nominal Capacitance: 45 pf/Mtr
- Attenuation @ 200MHz - 13.8dB/100M

		Length
RG62	05054000	100m

QUAD BOX (305M) - DIGITEK

- 305M RG6 Quad Shield
- Coaxial Cable in a Smart Reel Box
- Quad shielding for greater protection from interference
- 305 meters total length
- Pay TV Approved
- Smart Reel design
- 400 (H) x 400 (D) x 320 (W) mm

		Length
RG6QSR	05052073	305m

CABLE ACCESSORIES

CABLE CLIPS

ROUND CABLE CLIPS

- Ideal For Telephone, Coaxial And Data Cables
- Tough flexible ■ Heavy gauge captive nails
- Per Pack of 100

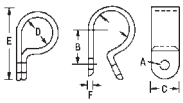
4RDCC	05490970	4mm	○
5RDCC	05490981	5mm	○
6RDCC	05491001	6mm	●
8RDCC	05491017	8mm	○
10RDCC	05491025	10mm	○

FLAT CABLE CLIPS

- Ideal For Speaker And Power Cables
- Tough and flexible, with Heavy gauge captive nails
- Per Pack of 100 ■ Colour: White

6FTCC	05491064	6mm	○
12FTCC	05491096	12mm	○
13FTCC	05491120	13mm	○
18FTCC	05491144	18mm	○

CABLE CLAMPS



- Material: UL approved NYLON 66, 94V-2
- Designed to hold cables, tubes, and components in domestic appliance, electronics etc
- Interior edges are radiused to protect cable insulation ■ To apply, just clamp down on loosen cables and screw it to chassis
- Small Clamp H4214 Dim. (mm): A: 4.6, B: 12, C: 10, D: 6.3, E: 20, F: 1.2. ■ Large Clamp H4222 Dim. (mm): A: 4.6, B: 14, C: 12, D: 9.0, E: 25, F: 1.5.

H4214	05492012	Small	○
H4222	05492024	Large	○

CABLE GUIDE WIRE - DOSS

NEW

- Organises up to 80 wires or cables for audio, video and computer systems ■ Patented design allows for the easy insertion and organisation of cables without the need for tools or the unplugging of devices
- For wall/ cabinet mounting, simply use either the double sided tape provided (x20) or mount with screws (not provided) through the eyelet ■ ABS

DGWR8	05590035	x 8	●

WIRE CLIP - 6 PACK - DOSS

NEW

- Ideal for permanent bundling or fastening of cables, wires, pipes, tubes ■ For indoor and outdoor use
- Single use closure, cannot be opened with double sided foam tape ■ Nylon 66

DWCL6	05590040	x 6	●

CLIP SET - DOSS

NEW

- 1 Set: Small x 6pcs, Medium x2pcs, Large x2pcs
- Polypropylene

DCLST10	05590050	●

F

CABLE TIES

PREMIUM NYLON CABLE TIES - 100 PACKS

- Widely used in the electric industries, aviation and space industries, communications and all sorts of wiring applications
- 100 Cable Ties per pack
- Made from U.L. Approved Nylon66
- Service Range Temperature up to 80°C

100MM CABLE TIES

- Length: 100mm ■ Bundle: 22mm
- Wide: 2.5mm ■ Tensile: 8.16kg

CTP100BK	05571004	●
CTP100NT	05571005	○

142MM CABLE TIES

- Length: 142mm ■ Bundle: 36mm
- Wide: 3.5mm ■ Tensile: 13.6kg

CTP140BK	05571020	●
CTP140NT	05571021	○

204MM CABLE TIES

- Length: 204mm ■ Bundle: 50mm
- Wide: 4.7mm ■ Tensile: 22.68kg

CTP200BK	05571069	●
CTP200NT	05571070	○

280MM CABLE TIES

- Length: 280mm ■ Bundle: 80mm
- Wide: 4.8mm ■ Tensile: 22.68kg

CTP280BK	05571075	●
CTP280NT	05571076	○

ID TIES - 100 PACKS

- Tie and identify cables in one operation, flat area on the tie is suitable for imprinting or writing the required information
- Colour: Natural ■ Pack of 100

102MM ID TIES

- Length: 102mm ■ Bundle: 22mm
- Pad Size: 25 x 8 mm (WH) ■ Tensile: 8.0kg

IT102NT	05571100

194MM ID TIES

- Length: 194mm ■ Bundle: 45mm
- Pad Size: 25 x 13 mm (WH) ■ Tensile: 18.0kg

IT194NT	05571106

CABLE TIES - ECONOMY NYLON - DOSS

- Nylon, low cost good quality ties, for securing cables in computers and other electronic equipment
- Made from U.L. Approved Nylon 66
- Service Range Temperature up to 80°C
- 100 Cable Ties per PACK

100MM CABLE TIES

- Length: 100mm
- Bundle: 22mm
- Wide: 2.5mm
- Tensile: 7.0kg

CT100BK	05574004	●
CT100NT	05574005	○

152MM CABLE TIES

- Length: 152mm
- Bundle: 36mm
- Wide: 3.5mm
- Tensile: 12.0kg

CT140BK	05574020	●
CT140NT	05574021	○

202MM CABLE TIES

- Length: 202mm
- Bundle: 50mm
- Wide: 4.7mm
- Tensile: 20.0kg

CT200BK	05574069	●
CT200NT	05574070	○

301MM CABLE TIES

- Length: 301mm
- Bundle: 80mm
- Wide: 4.8mm
- Tensile: 20.0kg

CT280BK	05574075	●
CT280NT	05574076	○

382MM CABLE TIES

- Length: 382mm
- Bundle: 107mm
- Wide: 7.5mm
- Tensile: 80.0kg

CTP382BK	05574096	●
CTP382NT	05574098	○

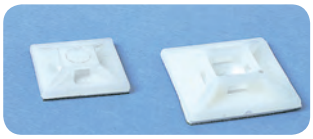
CABLE TIE GUN

Cable Tie Tensioning And Auto Cut-off Tool High quality heavy duty tool that's easy to use, speeds up cable tie applications, and ensures correct tie tension and provides automatic cut-off

- Maximum Tie Width: 4.8mm ■ Length: 165mm
- Eliminates sharp edges on cut ties ■ Weight: 200g

KTT	05574170

CABLE TIE MOUNTING BLOCKS



Stick On Bases, Low Profile And 4-Way Entry

- Material: UL approved NYLON 66, 94V-2 (Backed with adhesive tape)
- To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles
- (Per Packet of 100)

		Size
SAM19NT	05575001	21 X 21 X 3.5 MM
SAM25NT	05575017	28 X 28 X 4.0 MM

ASSORTED CABLE TIES

Multi coloured high quality PROS KIT ties in handy see through container

Contents:

- 200 X NATURAL (3/32" x 4")
- 200 X BLACK (3/32" x 4")
- 200 X RED (3/32" x 4")
- 200 X GREEN (3/32" x 4")
- 200 X YELLOW (3/32" x 4")
- 100 X BLACK (3/32" x 6")
- 100 X NATURAL (5/32" x 8")

OP1200	05579072

HOOK AND LOOP CABLE TIES

- Hook and Loop cable ties made of Nylon P. P material supplied in Polypacks of 15 Ties, 5 of each colour illustrated.
- Excellent for binding cables & patch leads and won't effect the transmittance performance that can be affected by too tight bindings
- Reusable, the back to back design provides instant installation without the use of tools

		Length	Weight
MSV305	05579073	125mm	18g
MSV306	05579074	150mm	21g
MSV308	05579075	200mm	25g

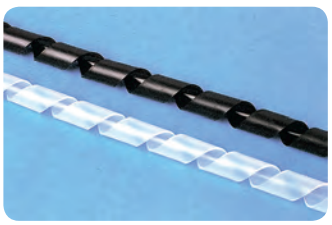
SPIRAL BINDING

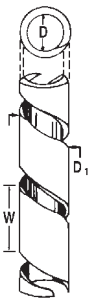
EASY WRAP

- Colour: Black
- Put all your messy cords neatly in one place
- Suitable for all cable bundling solutions
- Wraps around cables for a secure closure
- No tools or training required
- Quick and easy to fasten cables securely
- Adjustable and reusable
- Won't pinch or damage cables
- No sharp edges
- An applicator tool in each packet

		Width	Length
EW16BK	05576016	16mm	1.5m
EW20BK	05576020	20mm	1.5m

CABLE SPIRAL BINDING





- For loom or harness work flexible construction enables bands to follow wire ways easily
- Durable, reusable with retained spiral strength,
- fix ends of band with cable ties. And spiral wire
- bundles in clockwise direction to complete the works.
- Expand spiral range almost without limit.
- Made from P.E. material
- Excellent in insulation and binding strength
- Black: Outdoor use Natural: Indoor use

3MM SPIRAL WRAP (10M)

- Length: 10M
- Smallest: 3mm
- Largest: 9mm

SBK3BK	05577005	●
SBK3NT	05577012	○

6MM SPIRAL WRAP (10M)

- Length: 10M
- Smallest: 5mm
- Largest: 12mm

SBK6BK	05577019	●
SBK6NT	05577026	○

12MM SPIRAL WRAP (5M)

- Length: 5M
- Smallest: 12mm
- Largest: 20mm

SBK12BK	05577033	●
SBK12NT	05577040	○

20MM SPIRAL WRAP (2M)

- Length: 2M
- Smallest: 20mm
- Largest: 100mm

SBK20BK	05577041	●

3 METER CABLE TIDY KIT

A very clever cable and wire organizing kit. Gets rid of the cable jungle behind your home entertainment system, computer or just about any corner where a lot of cables and wires cross... neatly organize and tidy those messy cables into one!

- 3 meters long
- Easily detachable
- Fully adjustable
- Flexible and bendable

D360	05579071

CABLE COVER - DOSS

- Use the “Cover” cable to organize various cables in one single cable
- Designed with a special clip, which facilitates the installation
- Polyethylene
- Clip - ABS

		Length	Diameter
DCVR20-2	05590005	183mm	20mm
DCVR30-2	05590010	183mm	30mm
DCVR20-3	05590015	300mm	20mm

CABLE SPIRAL - DOSS

- Use “Spiral” to group multiple electronic or electrical cords in one
- Polyethylene

		Length	Diameter
DSPR6-10	05590020	100mm	6mm
DSPR10-10	05590025	100mm	10mm
DSPR14-10	05590030	100mm	14mm

CABLE CADDY

CABLE CADDY SINGLE REEL

- Extra Cable Caddy makes reeling out cable a breeze,
- Constructed of 25mm diameter galvanised tubing with adjustable locking rings and plates to hold cable securely
- Easy to carry and easy to store, ideal for van or workshop

CC1	05577222

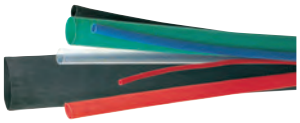
HANDY CABLE CARRIER - RED - DOSS

- Carrying/ Hanging Handle
- The perfect way to move, store, hang, handle, suspend or carry any item ■ Adjustable
- Maximum: 20.4kg/ 45lbs ■ Polyethylene

DHDY1R	05590045

HEAT SHRINK

HEAT SHRINK SLEEVING



- UL-224 125C 66VW-1 Polyolefin
- Flame Retarded - Flexible
- Heat Shrinkage by Hot Air Gun, Hair Dryer Oven or Boiling Water ■ Shrink ratio: 2 to 1 Minimum
- For continuous operation from: -55 to +135C (300C short bursts)
- Part number denotes internal diameter x length as supplied (1.2mmØ x 1.2 metre length)
- All Sizes 1.2 Metre lengths
- 1.2~ 6.0mm Supplied as Round Section Lengths
- 9.0~ 50.0mm Supplied as Flat Section Lengths

Part No.	Code		
HS1.2BLK	38313550	1.2mmx1.2m	●
HS1.2RED	38313553	1.2mmx1.2m	●
HS1.2BLU	38313556	1.2mmx1.2m	●
HS1.2GRN	38313562	1.2mmx1.2m	●
HS1.2WHT	38313563	1.2mmx1.2m	○
HS1.2YEL	38313565	1.2mmx1.2m	●
HS1.2CLR	38313567	1.2mmx1.2m	Clear
HS1.5BLK	38313575	1.5mmx1.2m	●
HS1.5RED	38313578	1.5mmx1.2m	●
HS1.5MBLU	38313581	1.5mmx1.2m	●
HS1.5GRN	38313587	1.5mmx1.2m	●
HS1.5WHT	38313589	1.5mmx1.2m	○
HS1.5YEL	38313591	1.5mmx1.2m	●
HS1.5CLR	38313592	1.5mmx1.2m	Clear
HS2.0BLK	38313600	2.0mmx1.2m	●
HS2.0RED	38313603	2.0mmx1.2m	●
HS2.0BLU	38313606	2.0mmx1.2m	●
HS2.0GRN	38313612	2.0mmx1.2m	●
HS2.0WHT	38313614	2.0mmx1.2m	○
HS2.0YEL	38313616	2.0mmx1.2m	●
HS2.0CLR	38313617	2.0mmx1.2m	Clear
HS3.0BLK	38313625	3.0mmx1.2m	●
HS3.0RED	38313628	3.0mmx1.2m	●
HS3.0BLU	38313631	3.0mmx1.2m	●
HS3.0GRN	38313637	3.0mmx1.2m	●
HS3.0WHT	38313639	3.0mmx1.2m	○
HS3.0YEL	38313641	3.0mmx1.2m	●
HS3.0CLR	38313642	3.0mmx1.2m	Clear
HS5.0BLK	38313650	5.0mmx1.2m	●
HS5.0RED	38313653	5.0mmx1.2m	●
HS5.0BLU	38313656	5.0mmx1.2m	●
HS5.0GRN	38313662	5.0mmx1.2m	●
HS5.0WHT	38313664	5.0mmx1.2m	○
HS5.0YEL	38313666	5.0mmx1.2m	●
HS5.0CLR	38313668	5.0mmx1.2m	Clear

F

Part No.	Code		
HS6.0BLK	38313675	6.0mmx1.2m	●
HS6.0BLK	38313678	6.0mmx1.2m	●
HS6.0BLU	38313681	6.0mmx1.2m	●
HS6.0GRN	38313687	6.0mmx1.2m	●
HS6.0WHT	38313689	6.0mmx1.2m	○
HS6.0YEL	38313691	6.0mmx1.2m	●
HS6.0CLR	38313693	6.0mmx1.2m	Clear
HS9.0BLK	38313700	9.0mmx1.2m	●
HS9.0RED	38313703	9.0mmx1.2m	●
HS9.0BLU	38313706	9.0mmx1.2m	●
HS9.0GRN	38313712	9.0mmx1.2m	●
HS9.0WHT	38313714	9.0mmx1.2m	○
HS9.0YEL	38313716	9.0mmx1.2m	●
HS9.0CLR	38313718	9.0mmx1.2m	Clear
HS12BLK	38313725	12.0mmx1.2m	●
HS12RED	38313728	12.0mmx1.2m	●
HS12BLU	38313731	12.0mmx1.2m	●
HS12YEL	38313734	12.0mmx1.2m	●
HS12GRN	38313737	12.0mmx1.2m	●
HS12WHT	38313739	12.0mmx1.2m	○
HS12CLR	38313743	12.0mmx1.2m	Clear
HS18BLK	38313750	18.0mmx1.2m	●
HS18RED	38313753	18.0mmx1.2m	●
HS18BLU	38313756	18.0mmx1.2m	●
HS18GRN	38313762	18.0mmx1.2m	●
HS18WHT	38313764	18.0mmx1.2m	○
HS18YEL	38313766	18.0mmx1.2m	●
HS18CLR	38313768	18.0mmx1.2m	Clear
HS25BLK	38313775	25.0mmx1.2m	●
HS25RED	38313778	25.0mmx1.2m	●
HS25BLU	38313781	25.0mmx1.2m	●
HS25GRN	38313787	25.0mmx1.2m	●
HS25WHT	38313789	25.0mmx1.2m	○
HS25YEL	38313791	25.0mmx1.2m	●
HS25CLR	38313793	25.0mmx1.2m	Clear
HS38BLK	38313800	38.0mmx1.2m	●
HS38RED	38313803	38.0mmx1.2m	●
HS38BLU	38313806	38.0mmx1.2m	●
HS38WHT	38313809	38.0mmx1.2m	○
HS38GRN	38313812	38.0mmx1.2m	●
HS38YEL	38313814	38.0mmx1.2m	●
HS38CLR	38313816	38.0mmx1.2m	Clear
HS50BLK	38313825	50.0mmx1.2m	●
HS50RED	38313827	50.0mmx1.2m	●
HS50BLU	38313829	50.0mmx1.2m	●
HS50GRN	38313831	50.0mmx1.2m	●
HS50WHT	38313833	50.0mmx1.2m	○
HS50YEL	38313835	50.0mmx1.2m	●
HS50CLR	38313837	50.0mmx1.2m	Clear

ADHESIVE HEAT SHRINK

ADHESIVE POLYTUBE

- 1.2 metre lengths of 2 to 1
- Adhesive heat shrink, adhesive melts and flows when heat is applied offering a extra strong moisture proof seal
- Ideal for marine and outdoor applications and anywhere equipment is subject to harsh environmental conditions

5.0MMX1.2M ADHESIVE POLYTUBE

		Diameter Before Heating	Diameter After Heating
HS5AP	38313915	5.0mm	1.3mm

6.0MMX1.2M ADHESIVE POLYTUBE

		Diameter Before Heating	Diameter After Heating
HS6AP	38313920	6.0mm	2.2mm

10MMX1.2M ADHESIVE POLYTUBE

		Diameter Before Heating	Diameter After Heating
HS10AP	38313925	10.0mm	3.2mm

13MMX1.2M ADHESIVE POLYTUBE

		Diameter Before Heating	Diameter After Heating
HS13AP	38313930	13.0mm	4.2mm

HEAT SHRINK REELS

3 TO 1 HEAT SHRINK REELS IN BOXES

- Matt black finish
- High quality heatshrink tubing in a continuous length
- The heat shrink is protected in the box and it is more economical as offers is less wastage than shorter lengths

3.2MMX10MT HEAT SHRINK

- Diameter from: 3mm to: 1mm
- Length: 10 metres

RP32 38314000

6.4MMX7MT HEAT SHRINK

- Diameter from: 6mm to: 2mm
- Length: 7 metres

RP64 38314050

9.5MMX5MT HEAT SHRINK

- Diameter from: 9mm to: 3mm
- Length: 5 metres

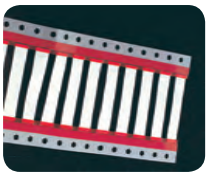
RP95 38314100

12.7MMX4MT HEAT SHRINK

- Diameter from: 12mm to: 4mm
- Length: 4 metres

RP127 38314150

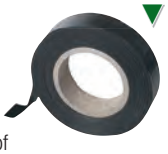
HEAT SHRINK LABELS



- Packets of 15 ■ For a very professional appearance to cable identification ■ Use a ball point or permanent texta to write what you need on cable marker ■ Simply slip the printed marker over the wire end, no need to worry smearing the marking
- Once the marker is heat-shrunk the printed information becomes permanent

SL6	38314160	6.3mm Diameter
SL9	38314165	9.5mm Diameter

HEAT SHRINK TAPE



Excellent for creating a waterproof seal on complex shapes. High mechanical strength and rigid once shrunk. Low water absorption. Excellent chemical resistance. Becomes continuous insulation with variable wall thickness

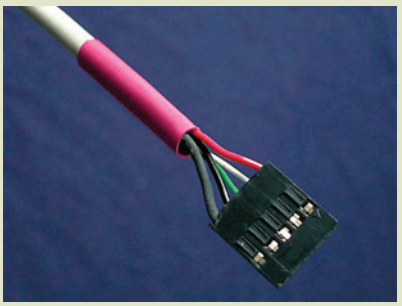
- Size: Roll 50 metres long x 20mm wide.
- Approx. thickness 0.1mm ■ Colour: Black

HST20 38311015

HEAT SHRINK

Heat Shrink is a tube which shrinks in diameter when heated. Its diameter and thickness can vary, and there are three main categories, thin wall, medium wall and thick wall tube.

Heat shrink is used to insulate wires, connections, joints and terminals in Electrical Engineering. It can also be used to repair wires, bundle wires together, and to protect wires or small parts from minor abrasion.



Heat shrink tubing is manufactured from a thermoplastic material such as polyolefin, fluoropolymer (such as FEP, PTFE or Kynar), PVC, neoprene, silicone elastomer or Viton.

Heat shrink tubing is available in a variety of colours to allow easier colour coding of wires and connections.

Some types of heat shrink contain a layer of thermoplastic adhesive on the inside to help provide a good seal and better adhesion, while others rely on friction from the closely conforming materials.

COMPUTERS

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NEW TO RADIO PARTS

RADIO PARTS IS NOW A DISTRIBUTOR FOR THE BRANDS:

imation · TDK Life on Record · Memorex

IN 2006 IMATION ACQUIRED MEMOREX WHICH IS THE NUMBER 1 BRAND IN THE USA. IN 2007 IMATION ALSO ACQUIRED THE TDK BRAND UNDER A 12YR LICENCE

PLEASE SEE IN STORE OR CHECK OUR WEBSITE FOR NEW AND EXCITING PRODUCTS

MEDIA

CD

		Brand	Type	Description	Pack	Speed
TCDRW	08884012	TDK	CD-RW	Re-writable CD, up to 1000 times (700mb data)	1	4x
TCDR-25P	08884013	TDK	CD-R	Printable CD Spindle (700mb data)	25	52x
TCDR-50P	08884017	TDK	CD-R	Printable CD Spindle (700mb data)	50	52x
NCDR	08884019	Nashua	CD-R	CD-R in Jewel Case (700mb data)	1	52x
TCDRA	08884022	TDK	CD-R	Rewritable 80 Min Audio CD (650mb data)	1	52x
NCD-R50	08884730	Nashua	CD-R	CD-R 50 Pack Spindle (700mb data)	50	52x
TCDR-G100	08884736	TDK	CD-R	Gold 100 Pack Spindle (700mb)	100	52x
TCDR-G110	08884745	TDK	CD-r	Gold 100 + 10 bonus Spindle	100+10	52x

DVD

DVD's

'DVD' Its main uses are video and data storage. Most DVDs are of the same dimensions as compact discs (CDs) but store more than 6 times as much data.
Variations of the term DVD often describe the way data is stored on the discs: DVD-ROM has data which can only be read and not written, DVD-R and DVD+R can be written once and then functions as a DVD-ROM, and DVD-RAM, DVD-RW, or DVD+RW holds data that can be erased and thus re-written multiple times.

		Brand	Type	Description	Pack	Speed
TDVD-R5	08884530	TDK	DVD-R	Write-once DVD 4.7GB	5	16 x
TDVD+R5	08884540	TDK	DVD+R	Write-once DVD 4.7GB	5	16 x
TDVD-R25	08884550	TDK	DVD-R	Write-once DVD 4.7GB	25	16 x
TDVD+R25	08884560	TDK	DVD+R	Write-once DVD 4.7GB	25	16 x
TDVD-R50	08884570	TDK	DVD-R	Write-once DVD 4.7GB	50	16 x
TDVD+R50	08884580	TDK	DVD+R	Write-once DVD 4.7GB	50	16 x
TDVD-R50P	08884630	TDK	DVD-R	Printable 4.7GB	50	8 x
TDVD+R50P	08884635	TDK	DVD+R	Printable 4.7GB	50	8 x
TDVD-R10	08884655	TDK	DVD-R	Write-once slimcase DVD 4.7GB	10	16 x
TDVD-RW10	08884656	TDK	DVD-RW	Re-writable 4.7GB	1	4 x
TDVD-RAM	08884670	TDK	DVD-RAM	Re-writable 120min 4.7GB	1	1 x
NDVD-R50P	08884690	Nashua	DVD-R	Printable 4.7GB	50	8 x
NDVD+R50P	08884695	Nashua	DVD+R	Printable 4.7GB	50	8 x
TDVD-RW	08884711	TDK	DVD-RW	Re-writable 4.7GB	1	4 x
TDVD+R10	08884723	TDK	DVD+R	Write-once DVD 4.7GB	10	16 x
TDVD+RW10	08884724	TDK	DVD+RW	Re-writable slimcase 4.7GB	10	4 x
TDVD-R30M	08884740	TDK	DVD-R	8cm for camcorder 1.4GB	1	2 x
TDVD-R100P	08884742	TDK	DVD-R	Printable 4.7GB	100	16 x
TDVD-RW60M	08884743	TDK	DVD-RW	Re-writable 60min 8cm 2.8GB	1	2 x
TDVD-RW30M	08884744	TDK	DVD-RW	Re-writable 30min 8cm 1.4GB	1	2 x
TDVD-R50G	08884747	TDK	DVD-R	Write-once Gold DVD 4.7GB	50	16 x
TDVD+R50G	08884748	TDK	DVD+R	Write-once Gold DVD 4.7GB	50	16 x
NDVD-R	08884535	Nashua	DVD-R	Write-once Jewel Case DVD 4.7GB	1	16 x
NDVD+R	08884545	Nashua	DVD+R	Write-once Jewel Case DVD 4.7GB	1	16 x
NDVD-RW	08884708	Nashua	DVD-RW	Re-writable Jewel case 4.7GB	1	4 x
NDVD+RW	08884709	Nashua	DVD+RW	Re-writable Jewel case 4.7GB	1	4 x
TDVD+RW	08884712	TDK	DVD+RW	Re-writable Jewel case 4.7GB	1	4 x
TDVD+RDL5	08884645	TDK	DVD+R	Double Layer 8.5GB	5	2.4 x

BLU-RAY DISCS

BLU-RAY

Blu-ray Disc is a high-density optical disc format for the storage of digital information, including high-definition video.

The name Blu-ray Disc is derived from the blue-violet laser used to read and write this type of disc. Because of its shorter wavelength (405 nm), substantially more data can be stored on a Blu-ray Disc than on the DVD format, which uses a red (650 nm) laser. A single-layer Blu-ray Disc can store 25 gigabytes (GB), over five times the size of a single layer DVD at 4.7 GB. A dual-layer Blu-ray Disc can store 50 GB (possibly up to 300GB in the future with 12 layers), almost six times the size of a dual layer DVD at 8.5 GB.

Media type:
High-density optical disc
Encoding:
MPEG-2, MPEG-4 AVC (H.264), and VC-1
Capacity:
25 GB (single layer), 50 GB (dual layer)
Usage:
Data storage, High-definition video, next generation video games and more...

BLU-RAY 25GB RE-WRITABLE DISC - TDK

NEW

- Single layer rewritable Blu-ray disc
- DURABIS2 hard coating technology
- Phase change recording layer guarantees 10,000 overwrite cycles
- Stores 10.5 hours of standard definition video or 135 minutes of high definition video
- Disc diameter: 120mm ■ Disc thickness: 1.2mm
- Recording speed: 2x (72Mbs)

TBDRE25 **08884750**

BLU-RAY 50GB WRITE ONCE DISC - TDK

NEW

This 50GB dual-layer recordable blu-ray disc enables massive data backups and the highest resolution HD recording.

- Dual layer write once (BD-R) Blu-ray disc
- DURABIS2 hard coating technology
- Stores 21 hours of standard definition video or 270 minutes of high definition video
- Disc diameter: 120mm ■ Disc thickness: 1.2mm
- Recording speed: 2x (72Mbs)

TBDR50 **08884755**

FLOPPY DISKS

3.5" FLOPPY DISK 10PK - TDK

- High Density formatted for IBM PS2 and other 286, 386, 486 systems using 1.44Mb drives
- Reformattable for other systems
- In cardboard pack of ten (10) with stick-on labels

HD10	09009404	

STORAGE

JEWEL CASE BOX-TRAY - TDK

- Pack of 10
- Single CD Case with tray
- High quality, durable plastic

CDT1	08870953	10 Pack

TWIN CD CASE-TRAY

- Dual CD case for safe storage of 2 CDs

CDT2	08870954	5 Pack

SLIM LINE JEWEL CASE - TDK

- TDK Colour mix pack of 10 slimline CD Cases: 2 each yellow, green, blue, violet and red

CDT3	08870955	10 Pack

SLIM JEWEL CASE - TDK

- Slim Colour Mix CD Cases
- Pack of 20
- 5 Different colours: Red, Orange, Green, Blue, and Purple

CDT20	08871079	20 Pack

DVD VIDEO CASE-BLACK - TDK

- 5 pack black cases for DVD storage
- Ideal replacement for your missing or broken DVD cases
- Push-button system to lock-in and release DVDs
- Tough plastic build

DVDC5	08871080	5 Pack

FLASH MEMORY

MEMORY CARDS

COMPACT FLASH CARDS - AMICROE

Ideal for digital cameras, pdas, MP3 players and more!

- Fully compatible with PC Card ATA specification
- Support for 8-bit or 16-bit host data transfers
- Support PIO mode 4
- +5 Volts or +3.3 Volts operation
- Size: 42.8×36.4×3.3 mm
- MTBF > 1,000,000 hours
- Durability: Minimum 10,000 insertion/removal cycles ■ Low weight ■ Noiseless

		Size
CF512MB	08920003	512MB
CF1GB	08920004	1GB
CF2GB	08920005	2GB
CF4GB	08920006	4GB

SD SECURE DIGITAL CARDS - AMICROE

- High performance at Read Speed more than 9MB/s and Write Speed more than 7MB/s
- Support CPRM (Content Protection for Recordable Media) ■ Durability: Minimum 10,000 insertion/removal cycles ■ Full Secure Digital card standard compliance ■ Support Error Correcting Code (ECC) function to detect and correct errors
- Support In System Programming (ISP) function to load the firmware ■ MTBF: 1,000,000 hours

		Size	Speed
SD512MB	08920013	512MB	80x
SD1GB	08920014	1GB	45x
SD2GB	08920015	2GB	45x
SD4GB	08920017	4GB	80x
SD8GB	08920018	8GB	40x

XD PICTURE CARD

Developed to meet the memory card requirements of the modern digital photographer

- Ultra-compact, with fast data transfer rates
- Compatible with the majority of digital cameras
- High data transfer speed

		Size
XD512MB	08920023	512MB
XD1GB	08920024	1GB

MEMORY STICK DUO PRO - SANDISK

- Capture and share digital images, music and more at high speed ■ Adaptor included
- High speed data transfer (up to 15MB per second!)
- Embedded MagicGate technology for safe transfer of copyright protected content
- Compatible to all MS PRO devices with the use of the Adaptor ■ MagicGate (TM) compatible

		Size
MSD512MB	08920033	512MB
MSD1GB	08920034	1GB

MINI SD - PHOTO FAST

- 1.0GB capacity stores approx 1280 Photos
- 2.0GB capacity stores approx 2560 Photos
- Ultra high data transfer rate
- Includes MiniSD to SD adaptor
- High compatibility ■ Lifetime warranty
- Operating voltage: 2.7 V ~ 3.6 V
- Transmission rate: max 25.5 mb per second

MINI1GB	08920050	1GB
MINI2GB	08920052	2GB

MICRO SD CARD - AMICROE

- Ultra high data transfer rate
- High compatibility
- Size: 11mm x 15mm x 1.0mm
- Output Voltage: 2.7V ~ 3.6V
- Output Temp: -25 °C (-13°F) to 85°C (185°F)
- Durability: 10,000 insertion/ removal cycles
- Weight: 1g ■ Includes MicroSD to SD adapter

		Size
MICRO512MB	08920060	512MB
MICRO1GB	08920065	1GB

USB FLASH DRIVES

USB 2.0 FLASH DRIVES - PHOTOFAST

- Supports In System Programming to load firmware
- Windows 98SE/Me/2000/XP/VISTA Mac OS 9.0 +
- Desktop or notebook computer with USB port
- Boot-up Function: motherboard that supports USB-ZIP or USB-HDD as the First Boot Device in BIOS
- Size:17mmx63mmx8mm (L x W x H) ■ Weight:10g

		Size
FD1GB	08882080	1GB
FD2GB	08882085	2GB
FD4GB	08884746	4GB
FD8GB	08882090	8GB
FD16GB	08882091	16GB

G

CARD READERS

3.5" 15 IN 1 CARD READER

- USB 2.0 interface ■ 3.5" bay design for desktop PC
- Supports data transfer between slots
- Card Types Accepted: Compact Flash (I & II), Microdrive, Magicstor, Smart Media, Secure Digital (SD), Mini-SD, Multi Media Card (MMC), RS-MMC, Memory Stick (including Pro, Duo, Pro Duo & Magic Gate) ■ Changeable face plates
- Supplied with Beige & Black face plates

AE161 09006038

HIGH SPEED MULTI CARD READER - PHOTOFAST

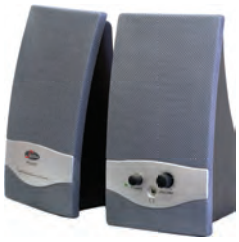
- Multi-Card Reader/ Writer ■ Plug and Play
- Supports: CF I / CF II/ CF III/ CFIV/ Microdrive SDHC2.0/SD/ MMC/ MiniSD/ MicroSD (Transflash)/ RS-MMC/ MMC4.2/ RS-MMC4.2/ MMC Micro XD 1.21 MS/ MS Pro/ MS Duo
- USB 2.0 High Speed Interface
- Transfer Speed: 480 mb/s
- System Requirements: Windows 98/ 98SE/ ME/ 2000/ XP/ 2003/ Vista, MacOS 8.6 or higher

CRPF 09009813

MULTIMEDIA

MULTIMEDIA SPEAKERS

SILVER USB COMPUTER SPEAKERS - JUSTER



- Ultimate USP convenience ■ Magnetically shielded
- No adaptors, no powerplugs ■ True stereo amplifier
- 240W P.M.P.O ■ Freq. Response.: 20Hz - 20KHz
- T.H.D. under 0.03% ■ Volume control ■ Ear jack
- Power On/Off switch ■ Power On LED

SP697U 39732995

2.1CH COMPUTER SPEAKERS - JUSTER

- Power: 10W RMS (Equiv to 500W PMPO
- Controls: Power, Volume ■ Satellite: 80x75x100mm
- Dimensions: Subwoofer: -130x110x155mm
- Colour: Beige Magnetically Shield: Yes

3D502 39733017

2.1CH 480W AMP COMPUTER SPEAKERS - JUSTER

- Subwoofer 15W - 3 Driver, 25Hz ~ 230Hz; Satellites 5W x 2 - 2 Driver, 205 ~ 20KHz
- Advanced Super Base ■ Thermal Fuse Protection
- Magnetically Shielded Speakers
- Power, Volume, Bass Controls
- Equivalent PMPO Power Output: 500W

3D501 39733016

2.1CH SILVER / BLACK COMPUTER SPEAKERS - JUSTER

- Power: 32W RMS (Equiv to 1200W PMPO) with transformer thermal fuse protection
- Controls: Treble I Bass I Volume
- Dimensions: Subwoofer: 194x194x194mm
  Satellite: - 70x135x225mm
- Colour: Silver & Black ■ Magnetically Shielded
- Pack contains: One subwoofer main unit, Two satellite speakers, One signal cable

3D603S 39733025

200W 2WAY MULTIMEDIA SPEAKERS - DRUMUP

- Chrome Micro Tweeter ■ Separate volume control
- Aluminium bullet style full range speakers
- Outstanding acoustic technology
- Full & rich sound performance
- Total Output: 200W (P.M.P.O) ■ RMS O/P: 5w +5W
- Matching Mouse & Keyboard available

DP-I200 39733040

MINIATURE 2.1CH MULTIMEDIA SPEAKERS - LONGSONG

- Output Power (R.M.S): Subwoofer: 8W Front: 3W x 2
- Mini Hi-Fi Amplifier Function
- Small size but incredible drive power
- Fabulous Sound Reproduction
- Dimensions: 82 (H) x 184 (W) x 85 (D) mm

K8000 39738010

MINIATURE 2.1CH MULTIMEDIA SPEAKERS - LONGSONG

- Mini Hi-Fi Amplifier Function
- 2 Line-in Inputs ■ 1 x Line-Out (Headphone)
- Distortion: <2% ■ RMS: 18 Watts
- Frequency: 20-15000Hz ■ S/N Rate: >73dB
- Dimensions: Main: 60 (H) x 166 (W) x 170 (D) mm
  Speakers: 115 (H) x 50 (W) x 22 (D) mm

K1000 39738008

CREATURE II 2.1CH SPEAKER SYSTEM - JBL

- Power: 40 Watt
- Easy-to-Use Touch Controls
- Cool design and exceptional sound
- Straight forward interconnect technology, which provides an effortless user interface with minimum desktop wiring
- Touch Volume Control
- Input Requirement: 1/8" (3.5mm) Mini stereo jack
- Drivers: Odyssey+™ in satellites, Magnum ® in subwoofer
- Subwoofer: 9" x 9" x 9" WDH
- Power: Satellites – 8 watts total (10% THD + N)
- Subwoofer – 24 watts total (10% THD + N)
- Satellite: 3" x 3" x 2" WDH
- Input Impedance: >5k Ohms
- Signal-to-Noise Ratio: >80dB
- Frequency Response: 50Hz – 20kHz
- Input Sensitivity: 400mV RMS for rated power

JBLC2 39738012

CUBIC STEREO SPEAKER - YAMAHA

Cute, compact, cube-shaped powered speaker delivers superior audio quality with powerful bass to control your portable audio sound

- Less than 9cm (3.5") on each side
- Perfect for use with iPod and other portable audio players
- SR-Bass (Swing Radiator Bass™) technology boosts the bass sound
- Single button control (power, mute, volume) conveniently located on the top
- Available in White or Black

NX-A01B	39738014	●
NX-A0WH	39738015	○

2.1 PC SPEAKERS - ALTEC LANSING

- Quality Stereo and Bass ■ 2.1 Surround Sound
- Distinctive Styling: Elegant design with cloth grilles looks great anywhere in your home
- Not just for your PC: Easily connects to video gaming systems, portable CD players, MP3 players etc
- Built-in Controls: Power, volume, bass and tone are all at your fingertips

AL-121 **39738020**

5.1 PC SPEAKERS - ALTEC LANSING

- Quality Stereo and Bass ■ 5.1 Surround Sound
- Use the 6-Channel mode with a 6-channel source to experience true 5.1 surround sound. Use the 2/4 Channel Mode to enjoy theater-like surround sound from any source, CD players, MP3 players, or your standard 2 or 4-channel sound card

AL-151 **39738025**

2.1 CH PC SPEAKERS - ALTEC LANSING

- Composite video 1x RCA lead
- 3.5mm to 2x RCA audio lead
- Output frequency: 470MHz ~ 820MHz
- TV system: Pal B - Pal G
- Frequency stability: PLL (+/- 25KHz)
- Video modulation index: 87.5% ~ 82.5%
- Video input: 1V peak to peak ■ P/S ratio: 15 dB
- Audio input: 300 mV peak to peak
- Output power: 25 dB mV ■ Audio jack: 3.5 mm
- Input power: 12 V DC 500 mA S/mode

BXR1121 **39738030**

2.1 CH PC SPEAKERS - ALTEC LANSING

- Each satellite features two midrange drivers with polypropylene cones for a more responsive, less distorted sound, and a horn-loaded tweeter for wider dispersion ■ THX Certified
- Wireless Remote and Control Pod
- Auxiliary Input Jack ■ Headphone Jack
- Colour-coded Cables & Spring Clip Connectors
- Shielded Satellites: For use near video monitors

VS2421 **39738035**

2.1 CH PC SPEAKERS - ALTEC LANSING

- Wireless Remote and Control Pod
- Total Power Output : 90 Watts RMS
- Satellite Speaker Power Output : 20 Watts/channel @ 6 ohmS ■ Weight : 10.1 kg
- Subwoofer Power Output : 50 Watts @ 4 ohms
- Frequency Response : 30 Hz - 22 kHz (-10 dB)
- Dimension : 447mm (W) X 280mm(D) X 458mm(H)

MX5021 **39738040**

MULTIMEDIA HEADSETS

MULTI MEDIA HEADPHONE - XTIME

- Professional grade stereo headphone offer top audio performance with a flexible headband
- Adjustable microphone arm
- Speaker: 27mm dynamic type
- Impedance: 32 Ohms
- Frequency: 100~15000hz
- Max. input power: 100mw
- Microphone: condenser type
- Polar pattern: omni-directional
- Sensitivity: -62db ■ Weight: 125g
- Cord length: 1.8m
- Connector: 3.5mm stereo plug x 2

XT002MD **20515605**

MICROPHONE & STEREO HEADSET - PRO2

Headphones:
- Impedance: 32 ohms at 1 kHz
- Sensitivity: 96 dB/mW
- Frequency Response: 20 ~ 20,000 Hz
- Cord Length: approx. 1.8m
- Weight approx. 120g (without cord)

Microphone:
- Dynamic Microphone
- Impedance: 600
- Directional: Omni-directional
- Frequency Response: 100~15,000 Hz
- Sensitivity: -78dB/mW

PH95M **20515610**

MONO VOIP HEADSET - SENNHEISER

- Over the ear monaural headset, ideal for inexpensive internet telephony and laptop use
- Robust microphone for high speech intelligibility
- Adjustable microphone position and ear clip
- Wearable over-ear left or right ■ Voice recognition
- Internet telephony compatible ■ Skype certified
- In-line volume control and microphone mute switch

PC111 **20550025**

VOIP HEADSET WITH HEADBAND - SENNHEISER

skype

- Over the ear monaural headset, ideal for inexpensive internet telephony and laptop use
- Robust microphone for high speech intelligibility
- Wearable over-ear left or right
- Internet telephony compatible ■ Skype certified
- Unique "ear clip design" ■ Voice recognition
- In-line volume control and microphone mute switch

PC121 **20550035**

STEREO VOIP HEADSET - SENNHEISER

skype

- Over the head, binaural headset
- Noise cancelling microphone
- Microphone rest position
- Adjustable headband
- Closed-back ear capsules to reduce background interference
- Robust microphone with high speech intelligibility
- Internet telephony compatible ■ Skype certified

PC151 **20550040**

STEREO USB VOIP HEADSET - SENNHEISER

- Perfect for internet telephony and easy listening
- Stereo starter headset ■ Simple plug'n'play
- USB adapter with integrated sound card provides superior acoustics ■ Noise-canceling microphone
- A rugged yet lightweight, comfortably fitting headset, for hours of PC use ■ Stereo sound
- Adjustable and pivotable microphone boom

PC35USB **20550030**

G

USB MONO HEADSET - PLANTRONICS

Connect the USB headset with an analogue connection or with the USB sound card for enhanced digital audio quality for Skype, Windows Live, or Yahoo Messenger Internet calling

- USB helps ensure consistent sound quality on every call and for every application
- Noise-canceling microphone
- Single, cushioned swivel-mounted ear cushion

PT-AUDIO610 **20550022**

MONITORS

22" WIDESCREEN LCD MONITOR - PROVIEW

- Super High Resolution 1680x1050
- Brightness (cd/m²): 300 ■ Contrast: 700:1/3000:1
- Horizontal Freq. (KHz): 30~82KHz
- Vertical Freq. (Hz): 56~60Hz
- Built-in Speakers: 2Wx2
- Stand: Fixed Aluminium Stand
- VESA Mount (mm) 75x75

FP2226W **29500027**

19" WIDESCREEN LCD MONITOR - PROVIEW

- 19" Wide ■ Resolution: 1440 x 900
- Brightness (cd/m²): 300 Contrast: 800:1/3000:1
- Horizontal Freq: (KHz): 30~82KHz
- Built-in Speakers: 1W x2
- Stand: Plastic ■ VESA Mount (mm): 75x75

FV926W **29500028**

DIGITAL PHOTO FRAMES

7" LCD PHOTOFRAME

- SD card slot (SD, MMC cards)
- Slideshow supporting JPEG files
- Auto play ■ Wall/ desk mount
- Resolution: 480 x 234 ■ Size: 231 x 167 x29mm
- Brightness: 350 cd/m2 ■ Contrast: 300
- Supports memory storage up to 2G

PF7 **09100006**

8" DIGITAL PHOTO FRAME WITH RF REMOTE

- Top of the range 800x 600 resolution
- Elegant black acrylic frame design
- Easy to operate with included RF remote controller
- 128MB built-in flash memory
- Built in 7 In 1 Card Reader: CF-I/II | SD/MMC | XD | MS | MS-Pro | MS-Duo | MS Pro Duo
- USB A & Mini USB ports for inserting USB drives
- High performance digital processor ■ Slideshow
- Built-in stereo speakers ■ Adjustable stand
- Interchangeable frame with a simple patent-pending "Insert and latch" action ■ Thumbnail Display
- Zoom, Rotate, Copy , Delete functions
- Multiple Language OSD ■ Dim.: 256 x 210x 42 mm

PF8 **09100005**

PERIPHERALS

COMPUTER SWITCH BOXES

2 WAY VGA SWITCH

Allows you to connect 2 monitors to 1 PC
Connections: 1x 15 pin D-Sub VGA female input
2x 15 pin D-Sub VGA male outputs

- Max resolution: 1600 x 1280 px
- Video bandwidth: 250MHz
- Horizontal frequency: 30-100MHz
- Transmission distance: Computer to switch: 7.5 m
  Monitor to switch: 7.5 m
- Dimensions: 145 x 102 x 40 mm

DSV2 **09005034**

4 WAY VGA SWITCH

- Allows you to connect 4 monitors to 1 PC
- Connections: 1x 15 pin D-Sub VGA female input
  4x 15 pin D-Sub VGA male outputs

DSV4 **09009812**

WIFI FINDERS

WIFI-N-SPY FINDER

- A smart, dual-function detector for wireless hot spots and hidden cameras!
- Locate a hot spot (802.11b/g wireless Internet access point) without opening your notebook computer!
- Detect any wireless hidden camera that might be invading your privacy!
- Small, keyring design

DX656 **09009638**

KEYBOARDS & MOUSE

ULTRA COMPACT KEYBOARD

- Ultra Compact space saving design
- 15 Internet & Multimedia buttons
- Low key profile ■ Scrolling Wheel ■ USB interface
- Windows 98SE/ME/2000/XP/MAC Compatible

K110 **09002055**

STANDARD BLACK PS/2 KEYBOARD

- Compatibility:
  IBM PC/AT, DOS, Windows
- Key cap pull up force: > 1kg
- Switch life: 10 million life cycles
- Working voltage: 5.0 +/- 0.25VDC
- Current consumption: < 30mA ■ PS/2 Connector

KBPS2BK **09009801**

MEDIA KEYBOARD 600 - LOGITECH

- Multimedia Controls
- Enhanced Function Keys ■ Spill-Resistant
- Adjustable Tilt ■ Low Profile Keys
- Package Contents: Logitech Access Keyboard 600, Quick Start guide, CD with software, comfort guidelines and user guide, 3-year limited hardware warranty

MEKB600 **09050001**

WIRELESS KEYBOARD & MOUSE - I-ROCKS

- X-Slim Wireless USB Keyboard & Mouse Combo
- 2.4GHz FHT (Frequency Hopping Technology)

Keyboard:

- Scissors-structure key switch
- Dimension:460 x 157x 21 mm
- Weight (without battery) : 0.861kg

Mouse:

- 3 buttons ■ Optical sensor
- Dimension:98 x 59 x 33mm
- Weight (without battery) : 57.3g

USB Receiver:

- Dimension:42.3 x 18.5 x 8.5mm
- Weight: 5.9g

Available in Black or White

IR6570BK	**09009798**	●
IR6570WH	**09009800**	○

CORDLESS DESKTOP KEYBOARD & MOUSE - LOGITECH

- Optical mouse ■ Cordless Freedom
- Compact RF receiver: Plugs into a USB port
- Package Includes: Logitech Cordless Keyboard, Logitech Cordless Optical Mouse, USB RF receiver, 4 AA batteries, Quick Start guide, 3-year warranty

EX90 09050005

CORDLESS DESKTOP LOGITECH

- One-touch access to your favourite digital music
- High-performance Laser Mouse
- Enhanced function keys ■ Cordless Freedom
- Package Contents: Logitech Cordless Keyboard, Cordless Laser Mouse, USB RF receiver, 2 AA and 2 AAA alkaline batteries, CD with software, comfort guidelines, and help centre, Quick Start Guide, 5-year limited hardware warranty

LX310 09050010

USB+PS2 BLACK OPTICAL MOUSE - I-ROCKS

- 800dpi resolution
- Optical functionality accurate on most of surfaces
- Ergonomic contour for comfortable use
- Windows 98/ME/2000/XP. ■ Interface: PS/2, USB.
- Dimensions (mm): 125x65x35

IR7300BK 09009799

CORDLESS LASER MOUSE - LOGITECH

- High-definition optical sensor
- Side-to-Side Scrolling Plus Zoom
- Package Contents: Logitech Cordless Optical Mouse, Wireless receiver, USB-to-PS/2 adapter, 2 AA batteries, Installation Guide, 3-year limited hardware warranty

LX6 09050015

USB SCROLL MOUSE

- Ergonomic shape conforms to contours of hands
- Innovative Scroll Wheel lets you scroll without moving the mouse, also acts as a third button
- USB Connection fits almost all computers
- 800dpi Resolution ■ Easy Web Navigation
- Windows 95/98/NT/2000/XP/Vista/ MAC compatible

WIM02 09009804

EXTERNAL HDD

3.5" USB HARD DRIVE ENCLOSURE

- Suitable for 3.5" HDD
- Works with PC and Mac
- Plug and Play
- Hot-Swappable Connection
- 30W external power supply (UL/CUL/TUV safety approved) ■ AC input: 100 - 240V
- Dual DC Output: 5V/1.5A & 12V/1.8A
- Aluminium casing with luminous front panel
- Dimension: 198 x 125 x 33mm (L x W x H)

ME740PSS 09006040

NETWORKING

POWER LINE ETHERNET ADAPTOR KIT - ADVATEL

Extend Your Network Using Electrical Outlets

- Standards Compliance: Home Plug 1 compatible/ IEEE 802.3
- Network Socket: RJ-45 (CAT5)
- Network Protocol: Layer 2 (including TCP/IP)
- Network Interface: 10/100BaseT, auto detect, auto MDI/MDI-X ■ Security: 56 bit DES Encryption
- Bandwidth: Power Line Communications 85 Mbps
- LED Indicators: Unit: Power, PowerLine: Link, Ethernet: Link/Activity ■ Built-in Surge Supressor

PL85 09001001

8 PORT ETHERNET SWITCH - TP-LINK

8 Port 10/100M LAN switch, used for middle and small office and home networking

- 8 10/100M RJ-45 port ■ 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
- Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
- Supports MAC self-learning ■ LED indicators

TL-SF1008D 09006011

108M WIRELESS ROUTER - TP-LINK

- 108M Wireless LAN Router, 2.4GHz, 802.11g/b, built-in 4-port Switch ■ Adopts 108M Super G and 2x to 3x eXtended Range technologies
- Supports access control based on time of day
- Detachable reverse SMA connector Antenna

TL-WR642G 09009807

4-PORT ETHERNET ADSL2+ MODEM/ ROUTER - TP-LINK

- Supports bridge and NAT router mode
- Complies with almost kinds of ADSL protocols (ADSL/ADSL2/ADSL2+)
- Built-in DHCP server ■ Built-in 4-port Switch
- Provides external splitter

TD-8840 09009810

DVD BURNER

DIRECT MULTIFUNCTION DVD BURNER - SONY

- Transfer Video & photos DIRECT to DVD - no PC
- Easily convert VHS to DVD ■ 2.5" LCD screen
- Directly print digital photos
- One-Touch DVD Burn" Support
- Combine multiple mini-DVDs into one full sized DVD
- Multi-card reader for Standalone or PC Mode

DVDIRECT 09006060

USB ACCESSORIES

BLUETOOTH

USB BLUETOOTH ADAPTOR - NETCOM

- Bluetooth version 2.0
- 100m distance
- Support speed up to 3MBPS
- Services include: serial port, dial up networking, fax, headset, PIM item transfeR, PIM synchronization, file transfer, network access, audio gateway, HID

BD-201 09009811

HUBS

4 PORT USB MINI HUB

- Blue LED to indicate power
- High Speed USB 2.0 transfer rate up to 480Mbps on each port ■ True Plug'n'Play and Hot Swappable
- Compact Size: 13 (H) x 83 (W) x 13 (D) mm
- 110V~240V Power Adaptor Included

HUB4P 09006006

TV TUNERS

USB2.0 DIGITAL TV TUNER - LIFEVIEW CRUISE

- Watch digital TV on your PC!
- Turn your computer into the ultimate PVR
- Time Shifting ■ MPEG-II Recording
- Video Capture ■ Scheduled Recordings
- EPG & Teletext Support
- LifeView DTV Software to manage your recordings

LR543 09002098

G

ACCESSORIES

NOTEBOOK LITE-N-FAN

- Interchangeable fan & LED light heads
- Retractable built-in cable
- Swivel directional head
- Easy to clip on notebook

DX407T 09009639

CAMERAS

WEB

TALKCAM - V-GEAR

- Flexible clip design fits on any monitor
- V-Gear BEE surveillance software
- Windows and Mac OS supported ■ Plug'n'play
- Sensor: CMOS Sensor ■ 480K Effective pixels
- Max Resolution: 800x600 (SVGA)
- Max Frame Rate: 30fps (640x480 : 30fps)
- Lens View Angle: 54° ■ 70mm x 80mm x 68mm

VG10063 09002090

TALKCAM VX6 - V-GEAR

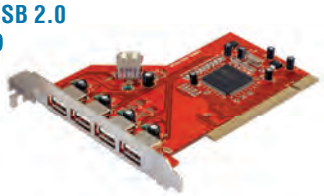
- Built-in high-sensitive microphone provides clear audio quality ■ Remote surveillance
- Motion Detection function with alarm settings, any movement will trigger the system to record and give alarm, or send the picture by email to you
- Sensor:1/4" CMOS Sensor
- Max Resolution: 800x600 (SVA)
- Dimension:61(H) X66(W) X47.5(D) mm

VG10072 09002095

HARDWARE

PCI CARDS

5 PORT USB 2.0 PCI CARD



- USB 2.0 PCI Card With 4 Ports and Drivers
- Speed : Each port 480M/bps
- Compatible : USB 1.1 Device Compatible
- Provides : 4 External + 1 internal ports
- Connector : USB-A connector

HSUSB2 09006032

FIREWIRE PCI CARD

- Features 1 Internal and 3 External Connectors
- 32bit PCI bus interface with 4 x IEEE1394 FIREWIRE ports at up to 400Mbs
- 32bit PCU Bus Master Design

PCI1394M 09006034

RACKS

REMOVABLE HARD DRIVE RACK

- Fits into standard 5.3" drive bays
- Unlimited capacity ■ Easy installation & back-up
- High Data-Security & Privacy
- Convenient pull-out handle
- Dimensions: 8.4 x 5.8 x 1.6 (DWH)

RH30 09007100

PATCH PANELS

24 PORT PATCH PANEL

- Krone Type Modular Jack Panel with KR IDC connector with your choice of T568A or T568B wiring configuration

PP24 09009637

CLEANING KITS

CD CLEANING KIT

- For Wet or dry cleaning of CD's
- Dust proof CD work case with non-slip base, Cleaning cloth, & Spray bottle of CD cleaning fluid

CD21 08872002

LASER CLEANER

- Maintains optimum laser lens performance
- Prevents playback error and improves sound quality by eliminating excessive error correction
- Soft cleaning brush
- In jewel case complete with special cleaning fluid

AT6078 08872014

PS2 MEMORY CARD & DVD LENS CLEANER

- Instructions in 11 languages
- Lens Cleaning CD
- PS2 Memory Card Cleaner

The cleaner can be used on PS2 memory cards and DVDs. To maintain your DVD in high standard of data transfer.

PS2C1 08872025

DVD LENS CLEANER

- A DVD lens cleaner that is simple to use just put it your DVD player and the DVD lens cleaning process beings
- 10 languages
- Lens Cleaning CD

DVDC2 08872020

MULTIMEDIA PC CLEANING KIT

Includes:
- 3.5 Drive head cleaner
- Keyboard vacuum
- Monitor wipes
- CD cleaning solution
- Swab Sticks
- CD lens cleaner
- Dust Bag

PCK1 09009436

LCD CLEANING KIT

- Harmless & professional cleaning solution
- Streak-free, drip-free, cotton-free and stain-free
- Elastic anti-static brush cleans dust and dirt for the best definition
- Scratch-free micro fibre helps to polish screen, remove dust and fingerprint effectively

LCDC1 09009438

LCD CLEANING SPRAY

- Remove fingerprints and smudges easily
- Safe for LCD monitor
- Environmentally friendly and non-toxic
- Cleaning solution
- Cleaning cloth

LCDC2 09009440

PRINTER SUPPLIES

Resolution® Ink Cartridges
The only difference is the savings!
- Original cartridge performance ■ 100% money-back guarantee ■ University Tested and Approved
- Quality ISO9001 certified product
- Warranty protection ■ Super Filtered™ US inks

LEXMARK INKJET CARTRIDGES

LEX16	09009751	●
LEX26	09009753	● ● ●

BROTHER INKJET CARTRIDGES

- Original cartridge performance

LC41/47BK	09009755	●
LC41/47CY	09009757	●
LC41/47Y	09009761	●
LC41/47M	09009759	●
LC57BLACK	09009822	●
LC57CYAN	09009823	●
LC57MAGENTA	09009824	●
LC57YELLOW	09009825	●

EPSON INKJET CARTRIDGES

- Original cartridge performance

T028	09009661	●
T029	09009663	●●●
T038	09009665	●
T039	09009667	●●●
T050	09009669	●
T051	09009671	●
T052	09009673	●●●
T0491	09009675	●
T0492	09009677	●
T0493	09009679	●
T0494	09009681	●
T0495	09009683	Light ●
T0496	09009685	Light ●
T0621	09009687	High Capacity ●
T0632	09009689	●
T0633	09009691	●
T0634	09009693	●
T0461	09009695	●
T0472	09009697	●
T0473	09009699	●
T0474	09009701	●
T0731	09009818	●
T0732	09009819	●
T0733	09009820	●
T0734	09009821	●

CANON INKJET CARTRIDGES

- Original cartridge performance

BCI-21/24BK	09009703	●
BCI-21/24C	09009705	●●●
BCI-3E	09009707	●
BCI-3E/5/6C	09009709	●
BCI-3E/5/6M	09009711	●
BCI-3E/5/6Y	09009713	●
BCI-6/5	09009715	●
CLI-8BK	09009717	●
CLI-8CY	09009719	●
CLI-8M	09009721	●
CLI-8Y	09009723	●
PGI-5BK	09009725	●
PG40	09009805	●
CL41	09009817	●●●

HP INKJET CARTRIDGES

- Original cartridge performance

HP78	09009727	●●●
HP45	09009729	●
HP23	09009731	●●●
HP15	09009733	●
HP21	09009735	●
HP22	09009737	●●●
HP27	09009739	●
HP28	09009741	●●●
HP56	09009743	●
HP57	09009745	●●●
HP94	09009747	●
HP95	09009749	●●●
HP92	09009814	●
HP93	09009815	●●●
HP98	09009816	●

PHOTO PAPER

A4 MATT PHOTO PAPER 90GSM

10 sheets	A49010M	09009763
25 sheets	A49025M	09009765
100 sheets	A490100M	09009767

A4 MATT PHOTO PAPER 190GSM

10 sheets	A419010HM	09009769
25 sheets	A419025HM	09009771
100 sheets	A4190100HM	09009773

4X6 GLOSS PHOTO PAPER 230GSM

25 sheets	4623025G	09009797
100 sheets	46230100G	09009803

A4 GLOSS PHOTO PAPER 185GSM

10 sheets	A418510G	09009785
25 sheets	A418525G	09009787
100 sheets	A4185100G	09009789

A4 GLOSS PHOTO PAPER 230GSM

10 sheets	A423010G	09009791
25 sheets	A423025G	09009793
100 sheets	A4230100G	09009795

4X6 PREMIUM GLOSS PHOTO PAPER 260GSM

25 sheets	4626025PG	09009781
100 sheets	46260100PG	09009783

A4 PREMIUM GLOSS PHOTO PAPER 260GSM

10 sheets	A426010PG	09009775
25 sheets	A426025PG	09009777
100 sheets	A4260100PG	09009779

CALCULATORS

GST READY DESK CALCULATOR - SHARP

Adjustable Easy View Screen & Large Characters

- Tax Rate Set & Recall
- 10 Digit LCD Screen with 3-Digit Punctuation
- 1 Memory ■ Auto Power Off
- Percent, Sign Change, Constant Functions
- Twin Power (Solar cell & Battery LR44 x 1)
- Bright Easy-to-Read & Use Keypad
- Dimensions (WDH): 102 x 148 x 15mm

EL331AB 05851380

GST READY HANDHELD CALCULATOR - SHARP

Handheld model in a durable metal design with protective wallet

- Tax Rate Set & Recall
- 8 Digit LCD Screen with 3-Digit Punctuation
- Twin Power (Solar cell & Battery LR1130 x 1)
- 1 Memory ■ Weight: 59g
- Percent, Sign Change, Constant Functions
- TAB (F-2-0) ■ Auto Power Off
- Dimensions (WDH): 69 x 115 x 6.5mm

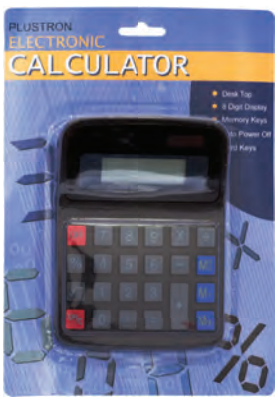
EL326SB 05851385

SCIENTIFIC CALCULATOR - SHARP

- 2-Line Display LCD display Upper: 12-digit (5 x 5 - dot matrix) Lower: 10 (mantissa) + 2 (exponent)
- 40-kind Physical constant
- 40-kind Metric conversion
- Direct Algebraic Logic (D.A.L.)
- 7-Memories
- Twin Power (Solar & LR44 x 2)
- Attached, Easy-Glide Hard Case protects calculator and prevents loss
- Dimensions: 84 x 145 x 16.5mm (WDH)

EL506WBBK 05853660

DESKTOP CALCULATOR



- Large 8 digit Tilted LCD display
- Solar Powered ■ Independent memory
- 4-Key Memory ■ Auto power off
- Bright easy-to-read & use keypad

UK1047 05854029

G

FANS

COOLING FANS

Cooling fans are used to prolong a machines life and maintain their reliability. Some common uses are for Computers, Terminals and their Peripherals, Office Machinery (Appliances and Copying Machines), Measuring and Scientific Instruments, Power Supplies etc.

- Reliable shaded pole motor construction
- Part Number denotes Size and Voltage

12V DC AX FANS

12V DC 40MM AXIAL FAN

- Precision life-lubricated ball bearing system
- Size (HWD): 40 x 40 x 20mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.07 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

DC402012	12110600	12V DC AX Fan

12V DC 60MM AXIAL FAN

- Precision life-lubricated ball bearing system
- Size (HWD): 60 x 60 x 25mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.07 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

DC602512	12110650	12V DC AX Fan

12V DC 80MM AXIAL FAN

- Diecast aluiminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 80 x 80 x 25mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.07 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

DC802512	12110659	12V DC AX Fan

12V DC 92MM AXIAL FAN

- Black Plastic body
- Precision life-lubricated ball bearing system
- Size (HWD): 92 x 92 x 25mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.07 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

DC922512	12110668	12V DC AX Fan

12V DC 120MM AXIAL FAN

- Black Plastic body
- Precision life-lubricated ball bearing system
- Size (HWD): 120 x 120 x 38mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.07 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

DC1203812	12110680	12V DC AX Fan

240V AC FANS

240V AC 80MM AXIAL FAN

- Diecast aluminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 80 x 80 x 25mm
- Air Flow (CFM): 22.1 ■ Speed (RPM): 5100
- Current (AMP): 0.06 ■ Power (Watts): 2.2
- Noise (dBA): 34.3

AC8038240	12110690	240V AX Fan

240V AC 92MM AXIAL FAN

- Diecast aluminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 92 x 92 x 25mm
- Air Flow (CFM): 30 ■ Speed (RPM): 2500
- Current (AMP): 0.12 ■ Power (Watts): 1.4
- Noise (dBA): 28.5

AC9225240	12110702	240V AC Fan

240V AC 120MM AXIAL FAN

- Diecast aluminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 120 x 120 x 38mm
- Frame: Aluminium alloy ■ Bearing: Ball
- Rating Voltage: 220-240V ■ Frequency: 50-60Hz
- Power Current: 0.125/0.11 Amp
- Power Consumption: 20/19 Watts
- Speed: 2750/3050 RPM ■ Air Flow: 87/107 CFM
- Static Pressure: 0.26/0.32 Inch-H20
- Noise: 45/50 dBA ■ Weight: 550g

AC12038240	12110706	240V AC Fan

240V AC 120MM AXIAL SLIMLINE FAN

- Diecast aluminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 120 x 120 x 25mm
- Bearing: Ball ■ Rating Voltage: 220-240V
- Frequency: 50-60Hz
- Power Current: 0.10/0.09 Amp
- Power Consumption: 19/18 Watts
- Speed: 2150/2500 RPM ■ Air Flow: 66/80 CFM
- Static Pressure: 0.14/0.17 Inch-H20 ■ Noise: 44/48 dBA

AC12025240	12111145	240V AC Fan

115V AX FAN

115V AC 120MM AXIAL FAN

- Diecast aluminium painted black for moisture & corrosion resistance
- Precision life-lubricated ball bearing system
- Size (HWD): 120 x 120 x 38mm
- Air Flow (CFM): 6.8 ■ Speed (RPM): 6400
- Current (AMP): 0.26 ■ Power (Watts): 0.9
- Noise (dBA): 26.5

AC12038115	12110714	115V AX Fan

FAN ACCESSORIES

METAL FAN GRILLES

- Chrome plated metal grille to suit computer fans

		Size in mm
MG80	12111180	80 x 80
MG92	12111200	92 x 92
MG60	12111204	60 x 60
MG120	12111207	120 x 120

PLASTIC FAN GRILLES

- Plastic fan grille to suit computer fans

		Size in mm
PG120	12111208	120 x 120
PG80	12111216	80 x 80

AC FAN LEAD

- 240Volt AC fan lead, 62.5cm long with 2 pin socket and bare ends

LZ120	12111261	AC Fan Lead

POWER

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BATTERIES

DRY CELL

6V LANTERN - MALLORY

Heavy Duty 6 Volt Lantern battery with spring terminals

M908	02301000

4F 6V HEAVY DUTY - PANASONIC

6 Volt with spring terminals RED (Lantern - Equiv. 4R25, 509)

PA4R25	02306004

EXTRA HEAVY DUTY BATTERIES - POWERCELL

The new look Powercell Extra Heavy Duty Batteries

Extra Heavy Duty

- High Power
- Longer lasting performance
- Versatile and Reliable

13GB2	02307005	D	1.5V	2PK
14GB2	02307010	C	1.5V	2PK
15GB4	02307015	AA	1.5V	4PK
24GB4	02307020	AAA	1.5V	2PK
1604G	02307030	006P	9V	1PK

BATTERY BULK PACKS

SUPER HEAVY DUTY PACKS - CAMELION

- 1.5 V
- Mercury Free
- Long life guarantee

R03PPB24B	02307040	AAA	1.5V	24PK
R6PPB24B	02307035	AA	1.5V	24PK

DURACELL PROCELL ALKALINE BULK PACKS

Duracell Procell alkaline batteries deliver outstanding performance and reliability.

- Dependable, long lasting power with up to a 7-year freshness guarantee
- Operates reliably in temperature extremes of -20° C to 54° C
- Economical bulk packaging for professional applications
- No added mercury

NEW

"AAA" BATTERIES 24 PACK - PROCELL

- 1.5V
- Ideal for Pagers, Flashlights, TV Remotes, Scanners

PC2400	02412735

"AA" BATTERIES - PROCELL 24 PACK

- 1.5V
- Pagers, Remotes, Flashlights, Calculators, Meters, Door Locks, Cellular Phones, Scanners, Cameras, Infusion Pumps

PC1500	02412740

"C" BATTERIES - PROCELL 24 PACK

- 1.5V
- Ideal for Flashlights, Radios, Tape Recorders

PC1400	02412745

"D" BATTERIES 24 PACK - PROCELL

- 1.5V
- Ideal for Flashlights, Radios

PC1300	02412750

ULTRA ALKALINE MULTI BATTERY PACK - POWERCELL

- **Total of 26 ultra alkaline batteries:**
  - 10 x "AAA" ■ 10 x "AA" - 1.5V 15AU
  - 2 x "C" - 1.5V ■ 2 x "9V" - 9V
  - 2 x "D" - 1.5V
- In easy-open blister packaging

MBP26PK	02415034

"9V" BATTERIES - PROCELL 24 PACK

- 9V
- Ideal for Infusion Pumps, Wireless Microphones, Smoke Alarms, Radios, Portable Transmitters, Security Back-up Systems

PC1604	02412755

ALKALINE BATTERIES - DURACELL

High power Duracell Alkaline batteries. Ideal for longer lasting performance with increased capacity for high drain devices such as digital cameras, portable audio and video players, and more.

MN1300B2	02412608	D	1.5V	2PK
MN1300B4	02412610	D	1.5V	4PK
MN1400B2	02412640	C	1.5V	2PK
MN1400B4	02412645	C	1.5V	4PK
MN1500B2	02412664	AA	1.5V	2PK
MN1500B4	02412688	AA	1.5V	4PK
MN1500B10	02412696	AA	1.5V	10PK
MN2400B2	02412712	AAA	1.5V	2PK
MN2400B4	02412716	AAA	1.5V	4PK
MN1604B1	02412800	9V	9V	1PK
MN1604B2	02412812	9V	9V	2PK
MN9100B2	02412760	N	1.5V	2PK

- TOSHIBA

Ideal for high drain devices such as digital cameras, audio players, flash lights, handhelds and more.

- 0% Mercury/ Cadmium

AAPK2	02415022	AA	1.5V	2PK
AAPK4	02415023	AA	1.5V	4PK
AAPK12	02415024	AA	1.5V	12PK
AAAPK2	02415025	AAA	1.5V	2PK
AAAPK4	02415026	AAA	1.5V	4PK
CPK2	02415030	C	1.5V	2PK
DPK2	02415031	D	1.5V	2PK
9VPK1	02415032	9V	9V	1PK
NPK2	02415036	N	1.5V	2PK

9V - POWERCELL

- 9V Ultra Alkaline ■ High Power
- Longer lasting performance
- Increased capacity for high drain equipment

1604AU	02415019

POWERPIX BATTERIES - DURACELL

NEW

- **Advanced Nickel Oxy Hydroxide formula**
- Duracell PowerPix is specially formulated for the needs of digital cameras
- Greater performance and value than alkalines Delivers 3 times as many photos in digital cameras than ordinary alkaline batteries
- High energy output ■ Reliable ■ Long shelf life
- Good low temperature performance

PPAA2	02620450	AA	1.5V	2PK
PPAA4	02620455	AA	1.5V	4PK

BUTTON CELL

LITHIUM BUTTON CELLS

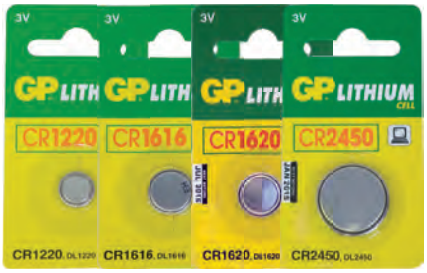
Lithium batteries are primary batteries with outstanding high-energy density.

- Nominal voltage is 3.0V per cell
- Voltage during discharge is about twice that of ordinary batteries
- The energy density is the highest among conventional primary batteries. 5 to 10 times higher than that of carbon zinc batteries. These lithium batteries are able to operate at very low temperatures: -20°C
- Extremely small voltage decrease and very stable voltage during operation

3V LITHIUM CELLS - DURACELL

		Current	ØxHmm
DL2016	02735920	70mAh	20x1.6
DL2025	02735931	120mAh	20x2.5
DL2032	02735944	170mAh	20x3.2

3V LITHIUM CELLS - GP



		Current	ØxHmm
CR1220	02736210	35mAh	12.5x1.7
CR1616	02736244	55mAh	16x2
CR1620	02736246		16x2
CR2016	02736332	42mAh	16x1.6
CR2025	02736348	70mAh	20x1.6
CR2032	02736364	120mAh	20x2.5
CR2430	02736500	170mAh	20x3.2
CR2450	02736510	35mAh	24.5x3

SILVER OXIDE BUTTON CELLS

1.55V CELLS - GP

GP offers a comprehensive range of silver oxide coin batteries for a broad range of applications that required long service life over a wide range of operating temperatures.

These batteries offer superior performance in terms of reliability and safety, and have an excellent storage life at room temperature.

		Current	ØxHmm
GP57B1	02736959	180mAh	11.6x5.4
GP62B1	02736964	24mAh	7.9x2.15
GP64B1	02736972	15mAh	6.8x2.15
GP71B1	02736983	39mAh	9.5x2.05
GP77B1	02737003	20mAh	6.8x2.6
GP79B1	02737015	14mAh	5.8x2.15
GP86B1	02737031	120mAh	11.6x4.2
GP89B1	02737047	70mAh	11.6x3.1
GP91B1	02737063	53mAh	11.6x2
GP92B1	02737079	45mAh	7.9x3.6
GP93B1	02737095	70mAh	7.9x5.4
GP95B1	02737100		9.5x2.7
GP96B1	02737118	32mAh	7.9x2.65
GP97B1	02737127	32mAh	7.9x2.65

ALKALINE BUTTON CELLS

Alkaline button cells are economical replacements suitable for calculators, photographic, hearing aids, toys and more.

- Voltage: 1.5V
- Pack of One (1)

1.5V CELLS - GP

		Current	ØxHmm
AGP76B1	02736800	110mAh	11.6x5.4
AGP86B1	02736811	70mAh	11.6x4.2
AGP89B1	02736817	45mAh	11.6x3.1

RECHARGABLE

NIMH RECHARGEABLES

NIMH RECHARGEABLES - DOSS

NEW

Ideal for high-drain devices such as digital cameras, handheld devices and more...

- 1.2V
- Nickel-Metal Hyride Batteries

		Type	mAh	Pack
P2B950AAA	02576778	AAA	950	2PK
P4B950AAA	02576798	AAA	950	4PK
P2B2500AA	02576787	AA	2500	2PK
P2B2600AA	02576789	AA	2600	4PK
P4B2600AA	02576788	AA	2600	4PK

RECYKO+ RECHARGEABLES - GP

ReCyko+ is a totally new type of battery, **pre-charged, ready to use off the shelf**

- Can be reused up to 1000 times
- Minimise waste through battery disposal and save money by utilising ReCyko+ technology which maintains 85% of power capacity after being left unused for 12 months.
- High capacity and performance
- Environmentally friendly
- Operates at low temperatures

NEW

		Type	mAh	Pack
GP4AARECY	02579655	AA	2100	4PK
GP4AAARECY	02579660	AAA	850	4PK

H

ENELOOP NIMH RECHARGEABLES - SANYO

Sanyo is the largest manufacturer of rechargeable batteries in the world and their Eneloop range is a totally new type of battery, which satisfies, in a unique way, the needs and expectations of the consumers.

- 4 Pack AA & AAA batteries
- Type: Nickel-Metal Hydride Battery
- Pre-charged and ready to use off the shelf
- High capacities ideal for high drain devices
- Long shelf life ■ Economical to use
- Environmental friendly ■ Recyclable
- Operates at low temperatures
- Suits all applications
- Blister pack is retained for storage

		Type	mAh	Pack
HR3UTG4BP	02579650	AA	2000	4PK
HR4UTG4BP	02579649	AAA	800	4PK

2650MAH NIMH AA RECHARGEABLES - DURACELL

- "AA" Batteries ■ 4 Pack
- Capacity: 2650mAh ■ 1.2V
- 0% Mercury/ Cadmium

NEW

DUR4AA2650 02579652

NIMH RECHARGEABLES - GP

NEW

- Top quality rechargeable AA and AAA batteries at an affordable price. Ideal for Palm and Handspring accessories, MP-3 players, FRS radios, and other high drain devices
- New Formula now 20% longer lasting

		Type	mAh	Pack
GPAA4	02576793	AA	2700	4PK
GPAAA4	02576794	AAA	1100	4PK

NIMH RECHARGEABLES - GP

NiMH batteries offer superior features compared to NiCD batteries. These include no memory effect, higher current capacities, and high drain performance.

		Type	mAh	Pack
GP350C	02576833	C	3500	1PK
GPC2	02576837	C	3500	2PK
GPD2	02576845	D	7000	2PK
GP9V1	02576790	9V	170	1PK

1.2V 1100MAH "2/3A" CELL - GP

2/3A cells are excellent for building custom battery packs

		Type	mAh	Pack
110AFHR	02576910	2/3A	1100	1PK

NICAD RECHARGEABLES

NICAD RECHARGEABLES - GP

- Voltage: 1.2V
- GP NiCad batteries exhibit excellent performance during high rate discharge
- Maintain stable operation over a whole range of temperature fluctuations, assuring greater safety and longer service
- Technical advances prevent gas generation during charging and eliminates self-discharge

		Type	mAh	Pack
GP70AA	02576816	AA	700	1PK
GP100AAKC	02576800	AA	1000	1PK
GP450D	02576841	D	4500	1PK

TAGGED NICAD RECHARGEABLES

Single nickel-cadmium cells covered in heat-shrink tubing made of polvinylchloride with high quality nickel plated tab terminals at either end. Designed to be soldered into equipment as a permanent power source.

1.2V 4500MAH "D" CELL

- Size: 33 Ø x 60 H mm
- Weight: 136 grams
- Charging: 15Hrs @ 400mA

GP450DT 02576842

1.2V 600MAH "2/3A" CELL

- Size: 16.5 Ø x 28 H mm
- Weight: 18 grams
- Charging 1.5Hrs @ 450mA

P60AS 02576912

1.2V 1400MAH "A" CELL

- Size: 17 Ø x 50 H mm

GP140AFKT 02576914

1.2V 700MAH "A" CELL

- Size: 14.6 Ø x 50 H mm
- Use: Cordless phones Security Alarms

GP70AAKT 02576921

1.2V 500MAH "AA" CELL

- Size: 14 Ø x 50 H mm
- Weight : 22 grams
- Charging 15Hrs @ 50mA

P60AAT 02576924

1.2V 110MAH "1/3AA" CELL

- Size: 14 Ø x 16.5 H mm
- Weight: 6.5 grams
- Charging 15Hrs @ 11mA

GP11AAT 02576932

1.2V 1300MAH "SUB C" CELL

- Size: 22.5 Ø x 4.25 H mm
- Weight: 47 Grams
- RAPID CHARGE Charging 1.5Hrs @ 1200mA

GP130SCRT 02576956

1.2V 2000MAH "SUB C" CELL

- Size: 22.5 Ø x 4.25 H mm
- Weight: 47 Grams
- Charging 15Hrs @ 180mA

GP180SCT 02576958

TAGGED NIMH RECHARGEABLES

GP Tagged NiMH batteries are ideal for high drain devices and have no memory effect.

- with solder tags

1.2V 3000MAH "SUB C" CELL

- Voltage: 1.2V
- Capacity: 3000 mAh

GP300SCHT 02576960

1.2V 1600MAH "AA" CELL

- Size: 14 Ø x 50 H mm
- Standard charge 14Hrs @ 160mA

GP160AAHT 02576785

1.2V 3700MAH "7/8 AF" CELL

- Size mm: 17 Ø x 66 H mm
- Charge: 14 Hours @ 350mA
- Use: Ideal for rebuilding laptop battery packs

GP380AFHT 02576930

1.2V 1700MAH "4/5 SUB C" CELL

- Size: 22.5 Ø x 33 H mm
- Weight : 38 Grams
- Charging 15Hrs @ 170mA

GP170SCHT 02576952

PCB MOUNTING BATTERIES

3.6V 80MAH 3 PIN NIMH

- PCB solder tags
- 2 pins (+), 1 pin (-)
- Size mm: 15.5 Ø x 18 H mm

3ZA80PCB 02571042

3.6V 80MAH 2 PIN NIMH

- PCB solder tags
- Size: 15.5 Ø x 18 H mm

80BVH 02571050

3.6V 280MAH NICAD

- Size: 25 Ø x 26.3 H mm

3-280DKT 02571240

SEALED LEAD ACID

SLA BATTERIES - DOSS

- Multicell low maintenance design
- Individual valve for each cell
- AGM technology, 99% free from electrolyte maintenance
- Not restricted for air or surface transport
- Long life, suitable for float/ cycle use
- Low self-discharge rate
- Can be used in any position

6V SLA LANTERN BATTERY

- Capacity: 5.0Ah
- Discharge 20Hr Ah: 250mA
- Terminals: Spring type
- Dimensions: (LWH) 67 x 67 x 109 mm
- Weight: 0.8kg

PS650L 03294050

6V TYPES

6 Volt - 1.2 A/hr

- Size: 97 x 56 x 25 (LHD inc. terminals)
- Weight:280g
- Standard 4.75mm quick lug terminals

D1.2-6V 03294085

6 Volt - 3 A/hr

- Size: 134 x 34 x 66 (LHD inc. terminals)
- Weight: 660g
- Standard 4.75mm quick lug terminals

D3-6V 03296030

6 Volt - 5 A/hr

- Size:70 x 106 x 47 (LHD inc. terminals)
- Weight:850g
- Standard 4.75mm quick lug terminals

D5-6V 03294095

6 Volt - 7.0 A/hr

- Size: 151 x 98 x 34 (LHD inc. terminals
- Weight: 1.46kg
- Standard 4.75mm quick lug terminals

D7-6V 03294105

6 Volt - 12 A/hr

- Size: 151 x 99 x 50(LHD inc. terminals)
- Weight: 280g
- Standard 4.75mm quick lug terminals

D12-6V 03294115

12V TYPES

12 Volt - 0.8 A/hr

- Discharge current: 3A
- Size: (LWH) 96 x 25 x 61.5mm
- Weight: 0.35kg
- 2 pin JST Connector terminals

D0.8-12V 03294165

12 Volt - 1.2 A/hr

- Size: 97 x 58 x 48 (LHD inc. terminals)
- Weight: 560g
- Standard 4.75mm quick lug terminals

D1.2-12V 03294125

12 Volt - 2.3 A/hr

- Size:178 x 66 x 34 (LHD inc. terminals)
- Weight: 890g
- Standard 4.75mm quick lug terminals

D2.3-12V 03294135

12 Volt - 3 A/hr

- Size: 134 x 67 x 66 (LHD inc. terminals)
- Weight: 1.29kg
- Standard 4.75mm quick lug terminals

D3-12V 03294145

12 Volt - 7 A/hr

- Size: 151 x 99 x 65 (LHD inc. terminals)
- Weight: 2.5kg
- Standard 6.4mm quick lug terminals

D7-12V 03294155

12 Volt - 12 A/hr

- Size: 151 x 98 x 99 (LHD inc. terminals
- Weight: 4.03kg
- Standard 4.75mm quick lug terminals

D12-12V 03296118

12 Volt - 18 A/hr

- Size: 180 x 75 x 167 (LHD inc. terminals)
- Weight: 6.15kg
- ST3 12mm terminal with Nut and Bolt

D18-12V 03296125

12 Volt - 26 A/hr

- Size: 175 x 166 x 125 (LHD inc. terminals)
- Weight: 9.1kg
- ST3 12mm terminal with Nut and Bolt

D26-12V 03296135

YUASA NP SLA BATTERIES

- NP Batteries are classified non-hazardous, non-spillable goods, and meet the requirements of the International Air Transport Association (IATA) for transport via air or road. The extra strong construction ABS container reduces case bulging and plate warping, ensuring long life and high performance.
- Heavy duty 3.4mm thick plates, offering increased resistance to corrosion, ensure that even after long service, your batteries are ready to perform when you need them.
- NP batteries have the added ability to be discharged in any orientation.
- Design Life: 5 years
- Battery Design: Valve regulated/sealed

- 6V 1.2Ah
- Discharge current: 10A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 97 x 25 x 54.5 mm
- Weight: 0.30kg

NP1.2-6 03296008

H

- **3V 3.0Ah**
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 134 x 34 x 64 mm
- Weight: 0.65kg

NP3-6 **03296024**

- 6V 4.0Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 70 x 47 x 109 mm
- Weight: 0.90kg

NP4-6 **03296040**

- **6V 7.0Ah**
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 151 x 34 x 97.5 mm
- Weight: 1.46kg

NP7-6 **03296056**

- **6V 10.0Ah**
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 151 x 50 x 97.5 mm
- Weight: 2.00kg

NP10-6 **03296088**

- **12V 0.8Ah**
- Discharge current: 3A
- Final voltage: 1.75/Cell
- Terminals: 2 pin JST Connector
- Dimensions: (LWH) 96 x 25 x 61.5 mm
- Weight: 0.35kg

NP0.8-12 **03296090**

- **12V 1.2Ah**
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 97 x 48 x 54.5 mm
- Weight: 0.57kg

NP1.2-12 **03296092**

12V 2.3Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 178 x 34 x 64 mm
- Weight: 0.83kg

NP2.3-12 **03296096**

12V 2.6Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 134 x 67 x 64 mm
- Weight: 1.10kg

NP2.6-12 **03296103**

12V 4.0Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 90 x 70 x 106.2 mm
- Weight: 1.7kg

NP4-12 **03296107**

12V 7.0Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 151 x 65 x 97.5 mm
- Weight: 2.80kg

NP7-12 **03296112**

12V 12.0Ah
- Discharge current: 40A
- Final voltage: 1.75/Cell
- Terminals: 4.70mm Q.C Tabs
- Dimensions: (LWH) 151 x 98 x 97.5 mm
- Weight: 4.0kg

NP12-12 **03296116**

LEAD ACID BATTERY - YUASA

12V 18.0Ah
- Discharge current: 100A
- Final voltage: 1.75/Cell
- Terminals: M5 Nut/Bolt Incl.
- Dimensions: (LWH) 181 x 76 x 168 mm
- Weight: 6.2kg

NP18-12 **03296120**

12V 24.0Ah
- Discharge current: 150A
- Final voltage: 1.75/Cell
- Terminals: M5 Nut/Bolt Incl.
- Dimensions: (LWH) 175 x 166 x 125 mm
- Weight: 8.65kg

NP24-12 **03296128**

12V 38.0Ah
- Discharge current: 200A
- Final voltage: 1.75/Cell
- Terminals: M5 Nut/Bolt Incl.
- Dimensions: (LWH) 197 x 165 x 170 mm
- Weight: 13.8kg

NP38-12 **03296152**

12V 65.0Ah
- Discharge current: 200A
- Final voltage: 1.75/Cell
- Terminals: M6 Nut/Bolt Incl.
- Dimensions: (LWH) 350 x 166 x 174 mm
- Weight: 22.7kg

NP65-12 **03296176**

TELEPHONE

3.6V NICAD TAGGED 400MAH

- Voltage: 3.6V
- Capacity: 400mAh
- With solder tags for cordless phones
- Size (WHD): 43 x 28 x 14mm

CTC6T **02571317**

3.6V NICAD 400MAH

- Voltage: 3.6V
- Capacity: 400mAh
- With flylead & plug for cordless phones
- Size (WHD): 43 x 28 x 14mm

CTB07 **02571318**

3.6V NICAD 400MAH

- Voltage: 3.6V
- Capacity: 400mAh
- With flylead & plug for cordless phones
- Size (WHD): 43 x 28 x 14mm

CTC6LW **02571319**

3.6V NIMH 600MAH

Powercell rechargeable nickel Metal Hydride battery pack with lead and plug suits Panasonic, Uniden and Akai Cordless phones.
- Voltage: 3.6V ■ Capacity: 600mAh
- Size (WHD): 45 x 30 x 10mm

CTB07H 02571321

3.6V NIMH 600MAH

Powercell rechargeable nickel Metal Hydride battery pack with lead and plug suits Audioline Cordless phones.
- 3.6V @ 600mAh
- Size (WHD): 45 x 30 x 10mm

CTB53 02571322

3.6V NIMH 650MAH

3 AAA cells with lead and 2 pin plug suits CDL900 Audioline cordless phone
- 3.6V/ 650mAh
- Size (WHD): 45 x 30 x 10mm

CTB45 02571323

3.6V NICAD 1000MAH

- Voltage: 3.6V
- Capacity: 700mAh
- With flylead & plug for cordless phones
- Size (WHD): 43 x 50 x 14mm

CTB59 02571324

3.6V NIMH 650MAH

Panasonic KXTC1200. 3 X AAA Cells and lead with black plug.
- 3.6Volt
- Capacity: 650mAh
- Size: 30 x 45 x 10mm

CTC4 02571325

2.4V NICAD 700MAH

Suits Uniden XS910 & CR310
- Volts: 2.4V
- Capacity: 700mAH

CTB72 02571342

3.6V NICAD 1300MAH

Rechargeable 2.4GHz cordless phone replacement battery. Suits Panasonic KXTG200/210.
- 3.6V 1300mAh
- with lead and Plug

CTB44 02571341

3.6V NICAD 300MAH - PANASONIC

Ni-Cad 3.6Volt Battery Pack.
- Suits: Panasonic KTX4027, KTX4036, KTX4047, KTX4317, Cordless Phones

HHR-P301PE 02571700

CAMCORDER

HITACHI / PANASONIC CAMCORDER - POWERCELL

NEW

High capacity camcorder battery: 1360 mAh

To suit Hitachi / Panasonic Camcorders: NV-GS10/120/150/200, NV-GS25/30

Replacing batteries:
Hitachi: DZ-BP07S/14S/14SW
Panasonic: VW-VB70 CGA-DU07/CGR-DU07

CB008H 02624000

JVC CAMCORDER - POWERCELL

High capacity camcorder battery: 1400 mAh

To suit JVC Camcorders: GRD230/240/247/248/250 GZ-MG20/30/40/50/70

Replacing batteries:
BN-V707U/714/733

CB019H 02624005

PANASONIC CAMCORDER - POWERCELL

High capacity camcorder battery: 2200 mAh

To suit Panasonic Camcorders. NV-GS1/11/15/32, NV-MX 1000

Replacing batteries:
CGR-D120A,1201A/B,08A

CB023H 02624010

SAMSUNG CAMCORDER - POWERCELL

High capacity camcorder battery: 800 mAh

To suit SAMSUNG Camcorders: VP-M50/M51/52/53

Replacing batteries:
VBLI60 SBLI10A SBLI60

CB027 02624015

SONY LI-ION CAMCORDER - POWERCELL

High capacity camcorder battery: 1360 mAh

To suit Sony Camcorders: DCR-DVD602/703 DCR-HC20/30

Replacing batteries:
VBFP50/70/90
NPFP50/70/90

CB046H 02624020

SONY LI-ION CAMCORDER - POWERCELL

High capacity camcorder battery: 1400 mAh

To suit Sony Camcorders: DCR-TRV RANGE

Replacing batteries:
VBQM51/71/91

CB048 02624025

SPECIAL PURPOSE

LITHIUM 3.6V - DURACELL

- Voltage: 3.6V ■ Capacity: 1.0Ah
- System: Lithium ■ Use: Computer Memory Backup
- Size : 13 x 24 mm (1/2AA)

1-2AA 02492700

H

LITHIUM - DURACELL

- Voltage: 3.6V
- Capacity: 1.0Ah
- System: Lithium
- Use: Computer Memory Backup
- Size : 13 x 24 mm (1/2AA)

1-2AAPCB 02492701

HEARING AID PK6 - GP

- Voltage: 1.4V
- System: Zinc Air
- Use: Hearing Aid
- Diameter: 7.87mm
- Height: 5.34mm
- Packet of 6

ZA13B6 02491501

HEARING AID PC PK6 - GP

- Voltage: 1.4V
- System: Zinc Air
- Use: Hearing Aids
- Diameter: 7.75mm
- Height: 3.53mm
- Packet of 6

ZA312B6 02493190

HEARING AID PC PK6 - GP

- Voltage: 1.4V
- System: Zinc Air
- Use: Hearing Aids
- Diameter: 11.6mm
- Height: 5.4mm
- Packet of 6

ZA675B6 02493201

1.5V ALKALINE - DURACELL

- Voltage: 1.5V
- System: Zinc Air
- Use: Hearing Aids
- Diameter: 7.75mm
- Height: 3.53mm

PX625AB 02493564

1.5V ALKALINE - DURACELL

- Voltage: 1.5V
- System: Zinc Air
- Use: Hearing Aids
- Diameter: 11.6mm
- Height: 5.4mm

PX76A-675AB 02493632

3V LITHIUM - DURACELL

- Voltage: 3V
- Capacity: 160mAh
- System: Lithium
- Use: Memory Back-up
- Size: 11.6 x 10.8Hmm

DL1-3 02492508

4.5V ALKALINE - DURACELL

- Voltage: 4.5V
- System: Alkaline
- Use: Electronic use and Bicycle Lighting
- Size (WHD): 61 x 67 x 21mm

MN1203 02492647

6V ALKALINE - DURACELL

- Voltage: 6V
- Capacity: 500mAh
- System: Alkaline
- Use: Photo & Electronic
- Size (WHD): 35 x 9.15 x 48mm

7K67B 02492025

12V ALKALINE - DURACELL

- Voltage: 12V
- Capacity: 33mAh
- System: Alkaline
- Use: Lighter and Remote Controller
- Diameter: 10mm Height: 28.5mm

MN21 02494604

6V LITHIUM - DURACELL

- Voltage: 6V
- Capacity: 160mAh
- System: Lithium
- Use: Photographic and Electronic
- Size: 13 x 25.2Hmm

PX28L 02493424

6V ALKALINE - GP

- Voltage: 6V
- System: Alkaline
- For Remote Controller, Lighter and other electronic devices
- Size: 10 x 16Hmm

11A 02495990

12V ALKALINE - GP

- Voltage: 12V
- Capacity: 33mAh
- System: Alkaline
- Use: Lighter and Remote Controller
- Size: 10 x 28.5Hmm

23AE 02496001

12V - GP

- Voltage: 12V
- System: Alkaline
- Lighters and Remotes
- Size: 8 x 28.2 H mm

27A 02496015

(29A) 9V ALKALINE - GP

- Voltage: 9V
- System: Alkaline
- Remote Controller, Lighter and other electronic devices
- Size: 8 x 21.9Hmm

29A 02496012

LITHIUM BATTERY - TOSHIBA

3V Lithium CR123A battery ideal for digital cameras and high drain devices.

CR123A 02498000

LITHIUM BATTERY - TOSHIBA

- 3V Lithium CR2 Battery for cameras

CR2 02498003

LITHIUM - TOSHIBA

- Lithium 6 V 2CR5 Battery for cameras

2CR5	02498004

LITHIUM - TOSHIBA

- 6V Lithium CR-P2 Battery for cameras

CRP2	02498005

DRILL

POWERCELL CORDLESS DRILL BATTERIES

NEW

Brand new range of Powercell cordless drill batteries to suit a whole range of cordless drills including Makita, Dewalt, Black & Decker, Paslode, and Hitachi.

PowerCell

MAKITA 7.2V 2000MA

- Suits: Makita
  Battery Number: 7000, 632002-4, 6019DWE, 6019DWLE, 6022DW, DA302DW
- Voltage: 7.2 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK1	02578244

MAKITA 9.6V 2000MA

- Suits: **Makita**
  Battery Number: 9000, 632007-4, 4190DW, 8402DW, 4300DW, DA391DW, 4390DW, 5090DW
- Voltage: 9.6 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK2	02578246

MAKITA 9.6V 2000MA

- Suits: **Makita**
  Battery Number: 9122, 192596-6, 192638-6, 192697-A, 193156-7, 6222D, 6226DWE
- Voltage: 9.6 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK3	02578248

MAKITA 12V 2000MA DRILL

- Suits: **Makita**
  Battery Number: 1220, 192681-5, 193157-5, 192698-8, 192698-A, 6911HDW, 8411DWH, 6311DWHE, 6211DWHE, 6913DWH
- Voltage: 12 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK4	02578250

MAKITA 14.4V 2000MA

- Suits: **Makita**
  Battery Number: 1422(192600-1), 192699-A, 193158-3, 193158-3, 193159-1, 6233DWE, 6333DWAE
- Voltage: 14.4 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK5	02578252

MAKITA 18V 2000MA DRILL

- Suits: **Makita**
  Battery Number: 1822, 19282.3, DK1016DL, DK1021DL, LS711DWBEK
- Voltage: 18 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBMAK6	02578254

DEWALT/ BLACK & DECKER

- Suits: **Dewalt**
  Battery Number: DW981, DW904, DW953
  Black & Decker:
  Battery Number: CD1200K, CD431K, FSL12, HP331K-2, MT1203B, PS3500, PS3550K, PS12VK2, PS12VK
- Voltage: 12 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBDEW3	02578258

DEWALT/ BLACK & DECKER

- Suits:
  Dewalt:
  Battery Number: DW906, DW918, DW928K, DW931K, DW935K, DW937K, DW941K, DW966K, DW969K, DW983K
  Black & Decker:
  Battery Number: CD1440K, PS3650K,PS3650K-2, FSL144, FSC414K-2, PS3600, FS144, CD632K
- Voltage: 14.4 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBDEW4	02578260

DEWALT/ BLACK & DECKER

- Suits:
  Dewalt:
  Battery Number: DE9059, DE9098, DW9095, DW9098, DE9096, DW9096 - Standard NiCAD
  Black & Decker:
  Battery Number: CD1800K, CD180GRK, FSL18, FS18, PS3700, PS3750K-2, HP932K-2 - Standard NiCAD
- Voltage: 18 V
- Chemistry: NiCAD
- Capacity: 2000mAh

TBDEW5	02578262

PASLODE 6V 2200MA DRILL

- Suits: **Paslode**
  Battery Number: 404717, BCPAS-404717
- Voltage: 6 V
- Chemistry: NiCAD
- Capacity: 2200mAh

TBPAS2	02578266

HITACHI 14.4V 2200MA

- Suits: **Hitachi**
  Battery Number: EB14S, EB14B, EB14H, EB1430H
- Voltage: 14.4 V
- Chemistry: NiCAD
- Capacity: 2200mAh

TBHIT3	02578272

HITACHI 18V 2200MA

- Suits: **Hitachi**
  Battery Number: EB18, EB18B, EB1830H, BCH-EB18B
- Voltage: 18 V
- Chemistry: NiCAD
- Capacity: 2200mAh

TBHIT4	02578274

HITACHI 9.6V DRILL BATTERY

- Suits: **Hitachi**
  Battery Number: CK12D, CK12DY, CL10D, D10DD/ DF2/DG/DH/DJ/K-S, DS9DVA/DVB/DVB/DVF/ Set(2SSX), DN10DY9.6V/ DY, DS10DT/ WH 9DM/8DC2, WR8DH/DH, DV2(2BKF/2HFK)/DVC, VH8DYA9.6V, WH8DB2/ DC9.6V/DC2/DH/DYA, FCH30, FDS9DVA, WR9DM, UB2D, UB3D, UB5D, UB12D, UT6D, BCH-EB9B
- Voltage: 9.6 V
- Chemistry: NiCAD
- Capacity: 1900mAh

TBHIT1	02579651

CHARGERS

CHARGER BONUS 4X AA BATTERIES - SANYO

NEW

- 240VAC input via wall mount input plug
- Charges 2 or 4 AA or AAA NiCd or NiMH cells
- Built in safety timer control
- Temperature control/protection
- Can charge AA cells up to 2700mAh capacity
- Includes 4 x Sanyo HR3UTG Eneloop AA NiMH cells
- Width: 75mm | Height: 40mm | Depth: 118mm
- Weight: 230g

NCMQN04	03610999

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QUICK CHARGER BONUS 2X AA BATTERIES - SANYO

NEW

- Charges either AA or AAA NiCd or NiMH cells
- Temperature control/protection
- Can charge AA cells up to 2700mAh capacity
- Operates internationally
- Suitable battery charge time: HR3UTG Approx. 250min, HR4UTG Approx. 170min
- Input power supply 100~240VAC 50~60Hz
- Output 1.2V DC ■ Size 74 x 71 x 30mm
- Weight 78g ■ Temp range 0 to 35° C

NCMDR03N **03611000**

30 MINUTE CHARGER BONUS 4X AA BATTERIES - DURACELL

- Shuts off automatically when full charge has been reached
- Includes four "AA" NiMH batteries
- Charges up to four "AA" or "AAA" NiMH batteries in just 30 minutes
- Features cooling system to prevent batteries from overheating
- Long-lasting, cost-effective power option

DURCH30 **03610795**

4X2600MAH AA RECHARGER BONUS 4X AA BATTERIES - DOSS

DOSS Recharger/ Fast Charger

Includes 4 x 2600mAH High Capacity AA NiMH Batteries

- Ideal for high-drain digital equipment such as digital cameras, camcorders and more...
- Charges 2 or 4x NiMH/ NiCD AA and AAA batteries
- dV full charge detection & discharge function
- AC100-240V Worldwide Use
- Car adaptor & switching power supply included
- Charged Indicator ■ Output Power: 4.48VA (max)

PRCA5 **03610993**

180MIN CHARGER BONUS 4X AA BATTERIES - POWERBASE

Charging duration around 1~2 hours to full charge!

- International Voltage 100 ~ 240V
- Charges AA/AAA batteries
- Auto IC control for full charge
- Short-circuit protection
- Timer protection
- Reverse polarity protection
- Ideal for digital products such as Gameboy, Digital Cameras, PDAs, CD Players and more!

PB2500CH **03610997**

REZAP UNIVERSAL CHARGER

ReZap Battery Doctor

- Advanced microprocessor control
- Built-in battery tester
- Battery sizes: AA, AAA, C, D, N, 9V, 6V, Prismatic
- 5 Battery chemistries: Alkaline, Titanium, RAM, NiCd, NiMH
- 4 charging bays
- Terminal clips for 6V Lantern
- Simultaneous charging of mixed types and sizes
- Recharges alkaline, titanium batteries up to 15 times
- Recharges RAM batteries up to 25 times
- Extends rechargeable life of NiCd & NiMH
- Protection against overcharge, overheat, short circuit, polarity reversal

LCD883 **03611050**

10XAA / AAA NI-CD NI-MH CHARGER

Ni-CD/ Ni-MH computer controlled smart battery charger

- Charges up to 10 x AA or AAA batteries
- Discharger to fully flatten batteries
- Negative Delta V sensing for max charge
- Overcharge protection
- HWD: 40 x 220 x 115 mm

BC10 **03614685**

NICAD/ NIMH BATTERY CHARGER

A popular Ni-MH/NI-CAD charger/discharger with battery tester.

- Recharges : 4 x AAA, AA, C, D and 2 x 9V. in singles or groups
- L ED lamps to indicate proper charging
- Equipped with a battery tester for 1.2 - 1.5Vcells

MB3505 **03614690**

UNIVERSAL BATTERY CHARGER - DOSS

- 1000mA
- Charges both Ni-MH and Ni-CD batteries
- LCD Display
- Discharge Function
- Includes Power Adaptor
- Simultaneously charge: 4x AA/ 4x AAA/ 4x C/ 4x D/ 2x 9V
- Safety Protection
- Safety Timer Function
- Input Voltage: 100-240V AC ~60/50Hz
- Output: 5.834VA (max)

BC4LCD **03617091**

SLA CHARGER - ARLEC

Arlec 4.5 Amp Compact Battery Charger

- 12 volt 4.5amp continuous (Boost)
- 2.5amp continuous (Normal)
- Boost/Normal charge switch 3 LED charge indicators ■ Suitable for charging typically small to medium automotive lead-acid batteries

URABC25	**03610960**	2.5 amp
BC588	**03610970**	4.5 amp

SLA CHARGER - ARLEC

- Designed for 6 & 12V batteries
- Compact, lightweight Full 1A output continuous charge
- Plugs directly into power socket
- Electrically protected by circuit breaker
- Supplied with 3 metre battery leads with clips

BC269 **03610756**

SLA CHARGER - ARLEC

- Compact 2500 Battery Charger
- 6 & 12 Volt 2.5 Amp
- 2 Output 6 or 12 volt Hi/Lo charge switch
- 2.5amp continuous (Hi), 1 amp continuous (Lo)
- Suitable for charging typically small automotive lead-acid batteries (approx 10 to 60 amp hour) and is also suitable for overnight charge of small batteries (approx 4 to 20 amp hour)
- 24 month warranty

BC228 **03610701**

3 STAGE SWITCHING MODE BATTERY CHARGER - DOSS

NEW

- 12V 5A
- Compact, robust & lightweight battery charger
- Gives fast charge to sealed & wet type of lead acid battery ■ LED indicators charging & full/ float
- Dimensions: 142 x 75 x 32mm
- Recommended batt. capacity range: 20AH to 50AH

SBC2105 **03617100**

AUTO CHARGER 4000 - ARLEC

Arlec 4 Amp Automatic Battery Charger

- Output 12 volt ~ 4 Amp continuous
- Boost/automatic charge switch
- Automatically prevents overcharge
- Suitable for charging typically small to medium automotive and sealed lead-acid batteries (approx 10 to 60 amp hour).
- Initial or overnight charge on boost position

BC906 **03610974**

CHARGER - ARLEC

- Charges 6, 12 & 24V batteries
- Up to 9A output
- Hi & Lo. charging rates
- Electronic overload
- Rugged case, protected corners
- Retractable carrying handle

BC60 **03610976**

500MA SLA BATTERY CHARGERS

Plug-in chargers designed for sealed lead-acid/gel-cell batteries. Solid state electronic regulator circuitry with built-in voltage reference.

- Maintains a steady 500mA charge rate into the battery during the main charging period
- Charge current automatically tapers as the battery approaches full charge, and there after keeps the battery topped-up

PS663	**03611001**	6V
PS664N	**03611017**	12V

CHARGER 12V AUTOMATIC - ARLEC

Deep cycle charger

- Output 12 volt 9 amp continuous & 2.5 amp continuous.
- Fully automatic voltage limiting circuitry.
- BOOST/START facility to rapid start 32amp for 10 sec cycle.
- Suitable for charging small to medium 12volt automotive, DEEP CYCLE and sealed lead-acid batteries

BC62 **03611005**

CONVERTER

AA TO C & D BATTERY CONVERTERS

ReZAP Battery Converters mean you can now just keep a supply of AA size batteries in your home or office, and convert them as and when required for use in appliances that require C or D size batteries. Each pack contains 2 C-size converters and 2 D-size converters.

RBC301 **03570010**

TESTER

BATTERY TESTER

- Multi-Purpose Battery Condition Checker
- Battery conditions is shown by LCD
- Tests more than 12 types of batteries AAA, AA , C, D, & 9V sized batteries, button cells
- Dimension: 118 x 88 x 23 mm

BT50 **03692018**

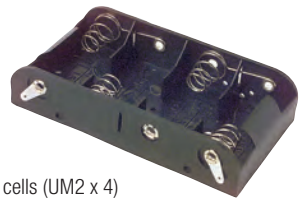
BATTERY HOLDERS

UM1X4 BATTERY HOLDER

- Takes: 4 x 'D' cells (UM1 x 4)
- Flat mount
- Battery snap terminals
- Size (WHD): 78 x 32 x 128mm

14ED **03536032**

UM2X4 BATTERY HOLDER



- Takes: 4 x 'C' cells (UM2 x 4)
- Solder terminals
- Flat mount
- Size (WHD): 58 x 22 x 106mm

24ED **03536080**

UM3X1 BATTERY HOLDER

- Takes: 1 x 'AA' cell
- Flat mount
- Solder terminals
- Size (WHD) : 6.5 x 13 x 56mm

31ED **03536096**

UM3X2 BATTERY HOLDER

- Takes: 2 x 'AA' cells (UM3 x 2)
- Flat mount
- Battery snap terminals
- Size (WHD): 30.5 x 13.5 x 57.5mm

32EB **03536112**

H

UM3X4 BATTERY HOLDER

- Takes: 4 x 'AA' cells (UM3 x 4)
- Battery snap terminals
- Size (WHD): 30.5 x 13.5 x 105mm

34EA	03536130

UM3X4 BATTERY HOLDER

- Takes: 4 x 'AA' cells
- Battery snap terminals
- Size (WHD): 31.5 x 26 x 57mm

34EHB	03536144

UM3X4 BATTERY HOLDER

- Takes: 4 x 'AA' cells
- Black plastic
- Solder terminals
- Size (WHD): 30 x 21 x 56.5mm

343A	03536176

UM3X6 BATTERY HOLDER

- Takes: 6 x 'AA' cells
- Battery snap terminals
- Size (WHD): 61 x 29.5 x 56.5mm

36EHB	03536192

UM3X8 BATTERY HOLDER

- Takes: 6 x 'AA' cells (UM3 x8)
- Battery snap terminals
- Size (WHD): 61 x 29.5 x 56.5mm

38EHB	03536208

9V PCB BATTERY HOLDER

9V 006P type, PCB mounting battery holder with footpads and hole extensions.

- Resistant to solvents
- Black high impact ABS
- Brass, nickel plated terminals
- Size (WHD): 30 x 20.7 x 54.5mm

BH9VPC	03538031

LITHIUM PCB BATTERY HOLDER

3V Coin cell, PCB mounting battery holder.

- Fits coin types up to 23 x 3.2mm
- Weight: 2.5g
- Holder: Thermoplastic Polyester
- Contacts: S/steel, nickel plated
- Size: 28.7 x 8.13mm (H)

BH800	03538050

9V BATTERY HARNESS

Clip on "I" type battery harness for 9V (216/006P) batteries or battery holders.

LIC601	03538001

ELECTRICAL

ADAPTORS

- These 3 pin 10A double adaptors allow you to change 1 power point into a double outlet

D2/2WE includes twin pack with Left & Right hand adaptors for 4 outlets from a double powerpoint

D2WE	10570550	Left hand adaptor
D2/2WE	10570562	Twin pack (L & R)
D2WENP	10572030	Bulk pack
D102WE	10572032	Standard adaptor

MAINS PLUGS & SOCKETS

6 AMP IEC LINE SOCKET

3 Pin IEC line mains socket, no keyway for computers, electronic equipment etc.

- Suits 2 or 3 core light or ordinary duty cable
- Rated: 6 Amp 250Volts AC
- Colour: Black

IEC15	11500315

10 AMP IEC LINE PLUG

3 Pin IEC line mains plug with 3 recessed pins

- 10 Amp 250 Volts AC

480IEC	11500550

10 AMP IEC PANEL MOUNT SOCKET

3 Pin IEC panel mounting mains receptacle

- 10 Amps 250V
- 3 Socket contacts
- 40 mm mounting holes

550IEC	11500560

6 AMP IEC PANEL MOUNT PLUG

3 Pin IEC panel mounting plug.

- Mains receptacle, 3 recessed pins
- 6 Amps @ 250 V
- 40 mm mounting holes

570IEC	11500570

6 AMP IEC FUSE PROTECTED PANEL MOUNT PLUG

With Fuse Holder Holds M205 type fuse, and also a spare.

- 6 Amps @ 240V AC

590IEC	11500624

10 AMP 3 PIN QUICK CONNECT PLUG

Plug top 3 pin flat. Suits round cable.

- 10Amp 240Volts AC
- Colour: Grey
- In display pack

D90G	11653017

10 AMP 3 PIN FIGURE 8 PLUGS - HPM

Soft flexible PVC with moulded entry to suit 2 x 24/0.20mm figure 8 cable.

- Rated: 10Amp 240 Volts AC

100/8BL	11651199	●
D100/8WE	11651200	○
D100/8GY	11651201	●

10 AMP 3 PIN PVC PLUGS - HPM

NEW

3 pin flat, with lock nut, 8mm cable entry.

- Suits 3 x 32/0.2mm round cable.
- Rated: 10Amp 240Volts AC
- In display pack

D100LWE	11653044	○
D100LGY	11653045	●
D100LCL	11653046	CLEAR ●

3 PIN MAINS PLUG 2 CORE FLEX

- Suitable for use with 2 core 0.75mm² and 1.0mm² ordinary duty flexible cord
- Includes insulated pins

DIY2408BB	11655005	●
DIY2408BW	11655010	○

3 PIN MAINS PLUG 3 CORE FLEX

- Suitable for use with 3 core mains ordinary duty flexible cord
- Includes insulated pins

NEW

DIY2403BB	11655015	●
DIY2403BW	11655020	○

15 AMP 3 PIN PVC PLUG - HPM

Plug top 3 pin flat, lock nut, 10mm entry.
- Thick earth pin to suit 15 A outlets
- Suits round cable ■ Rated: 15Amp @ 240 V AC
- Colour: Clear ■ In display pack

D100L15CL	11653047

10 AMP 3 PIN SIDE ENTRY PLUGS - HPM

Plug top 3 pin flat, side or bottom entry.
- Suits round cable
- Rated: 10Amp 240Volts AC
- In display pack

D106/1WE	11653067	○
D106/1GY	11653068	●

10AMP 3 PIN CORD EXTENSION SOCKETS - HPM

3 pin flat, lock nut. Suits round cable.
- Rated: 10Amp 240Volts AC
- In display pack

D7PGY	11803001	●
D7PCL	11803003	CLEAR ○

15AMP 3 PIN CORD EXTENSION SOCKET - HPM

3 pin flat, lock nut. Large earth pin.
- Suits round cable
- Rated: 15 Amp 240 V AC
- In display pack

D7P15CL	11803004

10 AMP 3 PIN SURFACE MOUNT SOCKET - HPM

Surface base socket
- 3 pin flat
- Rated: 10Amp @ 240 V
- White
- In display pack

D35WE	11806049

POWER POINTS & SWITCHES

CORD INLINE SWITCH - HPM

Double pole in-line switch for flat or round cable, 2-3 core with dual reversible cable clamp.
- Rated: 10Amp @ 240 V AC
- In display pack

D5MWE	11951058

WEATHER PROOF SWITCHED POWER POINT - HPM

- 3 pin socket with spring loaded protection plate
- On/Off switch ■ 70mm mounting centres
- IP53 protection ■ Rated: 10 Amp @ 240 V AC
- In display pack

DWS40	11952501

SWITCH MECHANISM - HPM

Industry-standard switch mechanism
- 10 Amp Rated

D770MWE	11953390

ARCHITRAVE SWITCH - HPM

Single flush mounting switch, with snap on "Excel" white cover plate
- Size: 84 x 35mm
- Rated: 10Amp @ 240 V AC
- Finish: White
- In display pack

DXLA770/1WEWE	11953302

STANDARD GANG SWITCHES - HPM

- HPM gang switches
- Rated: 10A @ 240 V AC

DXL770/1WE	11953310	Single switch
DXL770/2WE	11953320	Double switch

SENSOR OPERATED LIGHT SWITCH - HPM

Automatically turns lights on as you enter the room!
- Saves Power
- Frightens off intruders
- Hands Free! Turns the lights on when your arms are full
- Time adjustment - Stay on for 10sec to 15 minutes
- Sensitivity adjustment

DXL632	11953330

SINGLE POWER POINT - HPM

- Suits all standard mounting blocks, brackets & clips
- Rated: 10 Amp @ 240 V AC

DXL787WE	11953455

DOUBLE POWER POINT - HPM

- Suits all standard mounting blocks, brackets & clips
- Rated: 10 Amp @ 240 V AC

DXL777WE	11953415

DOUBLE POWER POINT WITH CENTRE SWITCH - HPM

- Suits all standard mounting blocks, brackets & clips
- Centre switch for ceiling fans
- Rated: 10 Amp @ 240 V AC

DXL777XWE	11953420

4 WAY POWER POINT - HPM

Replaces standard power point
- Mounting holes and mechanism fits standard wallboxes and brackets
- Cover plate clips over powerpoint, concealing screw holes and providing an attractive matt finish
- Size: 190 x 70 x 20mm, 84mm mounting centres

DXL7774WE	11953412

H

LAMP HOLDERS

BC SWITCHED LAMP HOLDER - HPM

HPM B.C. lampholder with push bar switch and cord grip or screw on ferrule mount.

D310WE	11202184

BC SAFETY LAMP HOLDER - HPM

BC Lampholder with long shield.
- Not live until globe is inserted 240 V AC

D332WE	11202202

BC STANDARD BATTEN HOLDER - HPM

B.C. lampholder 240 V AC for wall or ceiling mount

D366WE	11202257

MAINS ACCESSORIES

ELECTRICAL JUNCTION BOX - HPM

Easy wiring.
- Includes 3 x 1 screw terminals, 1 x 2 screw terminal.
- Rated: 40Amp 415 V AC

D404	11050801

MOUNTING BLOCKS - HPM

HPM Mounting Blocks suit all standard wall plates & switches. Helps raise switches off walls which allows more room for easier wiring.

Low profile
- Standard size plate 119 x 75 x 13mm deep

Standard profile
- Standard size plate 122 x 76 x 34mm deep Includes snap-out multiple entries for cable or conduit.

D137WE	11350902	Low profile
D140WE	11350918	Standard

MOUNTING BRACKET (JOISTS)

With right angle plate for nailing to joists, pre-drilled for fixing to wall panels.
- 129 x 73mm & 37 x 73mm mounting corners

143MB	11350990

MOUNTING CLIP

Mounting clip to suit standard plate with mounting centres of 84 or 50mm in 12.7mm plasterboard/ Gyprock.

712MC	11351004

TRAVEL ADAPTORS

Korjo electrical adaptors enable Australian and New Zealand appliances to be used overseas. There is a model that will cover any part of the world you are travelling to, including Britain/UK, Europe, USA, Japan and South Africa & India. The following list will assist you in ascertaining the correct plug for each country. Where a country uses 110V, a dual voltage appliance or step down transformer is recommended.

AUSTRALIA TO UK - KORJO

Great Britain, Cyprus, Gibraltar, Hong Kong, Singapore, Kenya, Malaysia, Sri-Lanka
- Earthed
- Does not change voltage

FIT20	10570400

AUSTRALIA TO EUROPE - KORJO

Spain, Scandinavia, France, Italy, W. Germany, Greece, Eastern Europe, North West Africa
- Earthed
- Does not change voltage

FIT21	10570412

AUSTRALIA TO USA - KORJO

USA, Canada, Mexico, Sth. America, Japan, S.E. Asia, China (parts of)
- Earthed
- Does not change voltage

FIT28	10570424

USA UK JAPAN TO AUSTRALIA - KORJO

Universal Plug
for earthed appliances from USA, UK and some parts of europe (does not take thick pin European plugs) and Non earthed appliances from USA, UK, Japan and Europe.

FIT42	10570428

EURO USA TO AUSTRALIA - KORJO

Euro USA Adaptor for Australia & New Zealand Accommodates non-Australian electrical appliances, plugs and battery packs and adapts them to Australian and New Zealand sockets.
- Earthed
- Does not change voltage

FIT44	10570430

UNIVERSAL - KORJO

For OVERSEAS travellers visiting Australia and N.Z. Suits ALL 2 and 3 pin foreign plugs on electrical appliances
- Earthed
- Does not change voltage

FITALL88	10570437

3 PACK ADAPTOR PACK - KORJO

Plug in your 2 pin or 3 pin Australian appliances when travelling overseas

3 separate adaptors to suit:
- U.S.A.
- Europe
- Great Britain
- Earthed for safety
- Does not change voltage

FIT3	10570440

DIMMERS

500W LIGHT DIMMER

Supplied with both architrave and standard wall plate.
- Easy-to-install > replaces existing light switch
- One or more globes may be controlled
- 500 watts max @ 240 V AC

LD500	25260138

300VA LIGHT DIMMER - HPM

Control the mood efficiently and economically in clean excel styling without ridges, screws or flush caps.

- Suits all standard mounting blocks, brackets & clips
- 300VA Rated

DXL300EWE	25260140

POWER METERS

NEW

MAINS POWER METER

This intelligent power meter simply plugs into a normal power point and turns it into a real-time power monitoring outlet. You can enter the local price of your electricity and the meter will tell you exactly how much the appliance is costing to run.

- Track power used
- View voltage/ drawn current
- Display peak levels
- Backup batteries

MPM01	11900001

HOME AUTOMATION

ARLEC REMOTE CONTROL POWER SWITCH - ARLEC

NEW

Makes hard to reach plug sockets easier to switch on /off (ie., behind wall units, cupboards, wardrobes, desks and bookcases).

- Easy to install - no wiring required
- Consists of wire free remote control unit and 3 wire free wall socket units (receivers)
- Intelligent Self Learning system with over 1 million code settings
- Auto / manual override switch on wall socket units
- Operating range approximately 25 metres
- 12 month guarantee

RC3	11850001

ELECTRICAL TIMERS

7 DAY DIGITAL TIMER - HPM

Economical and easy to set, HPM's plug-in timers are great security devices that can be set to switch lights, TV etc on and off to deter would-be intruders.

- Up to 14 different "On" and "Off" switches during each day of the week
- 24Hr, 7 Day, Weekday & Weekend programs
- Advanced functions including Countdown & Random
- Battery Backup

D817/2	49161091

24 HOUR TIMER HPM

- Unique shape leaves adjacent outlet free
- Override Switch allows independent control over the appliance
- No pins to lose
- 15 Minute switching increments

D809/1	49161200	
D809/1TWIN	49161205	2 PACK

QUICKSET 24HR TIMER - ARLEC

Automatically switches appliances or lamps On & Off

- Two function On/Off timer at 15 minute increments
- Min. setting 45min
- Repeat
- Max. load 2400 Watt
- Manual over-ride switch
- Pins captive on dial

PC899	49161208

WEEK/WEEKEND TIMER - HPM

- Choose a different program for every day of the week
- Convenience - No daily resetting
- No pins to lose
- Up to 7 "On" & "Off" settings per day
- Override switch allows independent control over the appliance

D812WEEK	49161260

FUSES

3AG GLASS

5 PACKS

From stringently controlled components and raw materials to conform with the dimensional and performance specifications of the relevant Australian and international automotive and electrical standards.

- Length: 32mm ■ Diameter: 6mm

3AG500MA5	12951241	0.5A
3AG1A5	12951257	1A
3AG1.5A5	12951266	1.5A
3AG2A5	12951274	2A
3AG3A5	12951289	3A
3AG4A5	12951297	4A
3AG5A5	12951305	5A
3AG6A5	12951307	6A
3AG7.5A5	12951313	7.5A
3AG8A5	12951318	8A
3AG10A5	12951321	10A
3AG15A5	12951329	15A

3AG DELAY GLASS

10 PACKS

3AGD250MA10	12951417	0.25A
3AGD500MA10	12951433	0.5A
3AGD1A10	12951449	1A
3AGD2A10	12951474	2A
3AGD5A10	12951501	5A
3AGD7A10	12951509	7A
3AGD10A10	12951517	10A

3AG CERAMIC

SINGLE PACKS

Ceramic fuses are used in applications where high heat can cause standard fuses to operate incorrectly.

- Length: 32mm ■ Diameter: 6.3mm

C3AG1A	12954060	1A
C3AG2A	12954065	2A
C3AG5A	12954070	5A
C3AG7.5A	12954075	7.5A
C3AG10A	12954080	10A
C3AG15A	12954090	15A

M205 CERAMIC

SINGLE PACKS

- Length: 20mm ■ Diameter: 5mm

CM205-1.6A	12954210	1.6A
CM205-2A	12954220	2A
CM205-3.15A	12954230	3.15A
CM205-6.3A	12954240	6.3A
CM205-10A	12954250	10A

M205 GLASS

5 PACKS

- Length:20mm
- Diameter: 5mm

M205-0.1A5	12951908	0.1A
M205-0.2A5	12951916	0.2A
M205-0.25A5	12951925	0.25A
M205-0.315A5	12951933	0.315A
M205-0.5A5	12951941	0.5A
M205-0.63A5	12951945	0.63A
M205-0.8A5	12951949	0.8A
M205-1A5	12951957	1A
M205-1.6A5	12951966	1.6A
M205-2A5	12951974	2A
M205-2.5A5	12951977	2.5A
M205-3.15A5	12951981	3.15A
M205-4A5	12951989	4A
M205-5A5	12951997	5A
M205-6.3A5	12952005	6.3A
M205-10A5	12952013	10A
M205-15A5	12952032	15A

H

M205 DELAY GLASS

10 PACKS
- Length:20mm ■ Diameter: 5mm

D205-0.25A10	12951710	0.25A
D205-0.5A10	12951716	0.5A
D205-0.8A10	12951725	0.8A
D205-1A10	12951733	1A
D205-1.6A10	12951741	1.5A
D205-2A10	12951750	2A
D205-2.5A10	12951758	2.5A
D205-3.15A10	12951762	3.15A
D205-4A10	12951774	4A
D205-5A10	12951778	5A
D205-6.3A10	12951782	6.3A
D205-10A10	12951786	10A

AUTO

5 PACKS
- Size: 18 x 19 x 5 mm (HWD) ■ Rating: 32Volt

AU3A-5	12953491	3A
AU5A5	12953501	5A
AU10A5	12953533	10A
AU15A5	12953549	15A
AU20A5	12953565	20A
AU30A5	12953575	30A

SOLID STATE POLY - RESETTABLE

Solid state resets. When current exceeds device rating the internal resistance increases rapidly Resetting to low resistance when current is withdrawn.
Protection for: Speakers, Batteries, Motors, Power supplies, Transformers and more...

RXE110	13036512	21.8 W @ 8Ω
RSE250	13036536	112.5 W @ 8Ω

RESETTABLE

Snap in Mini Circuit Breakers designed to fit the same panel cutout as many fuse holders. Exceeding the current rating triggers the switch which flicks down. Connections are made with 6.35mm quick connects.
- Max.: 32V DC, 250V AC, 50/60Hz.
- Resettable Overload Capacity: 10x rated current
- **Reset Time:** 2 Amp - 180sec max
  3 ~ 15Amp - 10 to 60 sec
- Endurance: Over 1,000 cycles at 200% of rated load
- Panel Opening: 16.1mm (14mm across flats)
- Panel Thickness: 0.8 ~ 1.6mm
- Overall length: 48.4mm
- Typical Resistance vs Current Rating @ +25C

REFU5A	13034040	5A @ 0.030Ω
REFU7A	13034048	7A @ 0.017Ω

THERMAL CUTOFF

MICROTEMP UPPER LIMIT TEMPERATURE PROTECTION FUSES

The MICROTEMP® thermal cutoff is designed to provide upper limit temperature protection. They are widely used to protect household appliances, motors, transformers, ballasts and may other products which do not have controlling thermostats. Once a MICROTEMP® opens a circuit, the circuit will remain open until the fault is corrected and the MICROTEMP® is replaced. They can be installed easily by soldering, crimping, resistance welding, or with the use of any of the standard terminations, including tab terminals, ring tongues, etc.
- Max recommended rating: 15Amps @ 277 V AC
- 18AWG (0.832mm²) leads
- Tolerance= +0 -4° C

6514MT	13037025	93° C
6528MT	13037049	104° C
6517MT	13037062	109° C
6515MT	13037074	128° C
6510MT	13037096	152° C
6509MT	13037108	184° C
6527MT	13037159	240° C

FUSE HOLDERS

3AG FUSE HOLDER

Front loading panel mounted with screw type cap & solder tabs.
- Panel cut-out: 16mm
- Energy authority approved

C0347RA 13101315

16 AMP 3AG FUSE HOLDER

Front loading panel mounted with screw type cap & solder tabs.
- Panel cut-out: 16mm
- Energy authority approved

C0347SA 13101318

10 AMP 3AG FUSE HOLDER

Front loading panel mount with screw type cap & solder tabs.
- Current :10A
- Panel cut-out: 18mm

MF822 13105353

M205 FUSE HOLDER

Front loading panel mount with screw type cap & solder tabs.
- Current rating : 3A
- Panel cut-out: 16mm

MF821 13105345

M205 FUSE HOLDER

Snap-in panel fuse holder with screw cap
- Insulated flame retarding body
- Panel cut-out: 12.7mm
- Tin plated copper alloy contacts
- Body: 38 x 12.7mm (L)

PTF40 13105649

M205 FUSE HOLDER

PCB mount with protective cap.
- Flame retarding thermoplastic body
- Current rating: 6.3A ■ Size (WHD): 22 x 14 x 9mm
- Pin Diam./Spacing: 1.5mm/22.6mm

PTF15 13105609

3AG INLINE FUSE HOLDER

Push-turn locking in-line holder with150mm leads
- Rated to 5 Amps ■ Body: 60 x 15mm (L)

SF404 13106033

3AG FUSE CLIP

Plated fuse clips for printed circuit boards.
- Pin spacing: 5.1mm
- Pin diameter: 1.5mm
- Current : 7.4A
- 3AG Size: 6 x 11 x 5mm (WHD)

3AGFC 13107432

M205 FUSE CLIP

Plated fuse clips for printed circuit boards.
- Pin spacing: 5.1mm
- Pin diameter: 1.5mm
- Current : 7.4A
- M205 Size: 5 x 8 x 4mm (WHD)

M205FC 13107438

BLADE FUSE HOLDER

For 12-32V Standard blade type Auto fuses.
- Weatherproof with snap down
- 300mm loop of wire ■ Current rating: 3 to 20A

FAH5 13107512

CIRCUIT BREAKERS

8A CIRCUIT BREAKER - HPM

Replace your rewireable fuse holder with this plug-in circuit breaker. Fits most fuseboards and is fully tested and approved. If an overload or short circuit occurs, the circuit breaker will switch "OFF". There is no fuse wire to mend. Allow to cool and switch "ON" to reset.
- Suitable for 8A /10A Lighting circuits

DCB108	13036001	8A
DCB116	13036013	16A
DCB120	13036015	20A
DCB132	13036017	32A

FUSE WIRE

FUSECARD 8A & 16A - HPM

Handyman pack of fuse wires.
- 1 meter of 8 Amp (for Lights)
- 1 meter of 16 Amp (for Power)

R1202 13250201

POWER BOARDS

POWER BOARDS - DOSS

- 1 Metre power cord ■ Concealed slots for hanging
- Rounded edges designed to avoid scratching furniture and other surfaces
- Slimline design ■ Press to reset overload button
- 240v, 10Amp, 2400w AC

PB40 33531003 4 way
PB60 33531006 6 way

4 WAY SWITCHED POWER BOARD - ARLEC

- Individually switched 4 outlet power board
- 240VAC 10 Amps ■ Overload protected
- 1 metre mains cord

PB44 33531004 4 way

SURGE PROTECTED

6WAY SURGE POWER BOARD

Switched Power board protection system
Surge protection for power & telephone / network line
- Mains filter / telephone line / network protection
- 6 x power sockets with illuminated switches
- 2 x RJ-45/RJ-12 sockets
- RFI/EMI filtration and protection
- Circuit breaker ■ Power and protection LED
- 10A 2400 W 240 V AC

PB66 33531008

8- WAY SURGE POWER BOARD - HPM

- Complies with SAA specifications, featuring circuit breaker designed to disconnect the power to the outlets if the total load exceeds the maximum permissible 2400 Watts (10Amps).
- Overload reset button ■ Neon power indicator

D105/8OLN 33531645

2 WAY POWER GUARD DUO FILTER

NEW

- Dual protected outlets
- Over voltage and surge protection
- Time delay auto-reset (on safe power)
- 10 amps (2400 Watts)
- Detection time: <1 m/sec (non destructive)
- Reaction time: <1 n/sec (destructive) / <5 m/sec (non destructive)

PGDO3702 33540010

2 WAY POWER GUARD ULTRA COMPACT

NEW

- Ultra compact dual protected AC outlets for exceptional travel connectivity
- Dual protection - AC mains and phone DC Line
- Spike/ Surge Protection (AC/DC)
- Filtration - high voltage spikes (AC)
- Filtration - Radio Frequency Interference RFI (AC)
- Filtration for Electromagnetic Interference EMI (AC)

PGNP3452 33540020

DOSS SURGE PROTECT POWERBOARDS

The Doss Pro Series provides premium surge protection for clean, safe power protection and the industry's best in construction, ratings and safety standards. Guards all your professional workstations, laser printers, home theatre systems, and everyday household electronics.

Common features are:
- Surge and spike protected mains outlets
- 10 amp resettable overload circuit breaker
- Power-on indicator in switch
- Flame retardant enclosure
- Power Rating: 10A @ 240V
- 2 Pole push button switch
- 1722 joules surge protection
- 1.8m heavy duty power cord

4 WAY SURGE POWER BOARD - DOSS

This power board offers 4 outlets, all filtered and Surge Protected.

SPB41 33540030

6 WAY POWER BOARD - DOSS

Provides protection for:
- Mains filter
- Telephone line - 1 In/ 2 Out

SPB61 33540040

8 WAY SURGE POWER BOARD - DOSS

Provides protection for:
- Mains filter
- F-type coaxial ■ Telephone line - 1 In/ 2 Out

SPB81 33540050

HOME THEATRE POWERCENTER - MONSTER

NEW

- Colour coded outlets
- Sage 1 filtering V2.0
- Gold plated F connectors
- Gas-tube arrester phone surge protection
- Audible alarm for surges
- Rated: 1800 W
- Distortion: < .01%
- 1850 joule
- AC clamping: 330V
- Coax clamping: 75V
- Included: 2 jumper cables, 1 Monster Internet cable, and 1 SV1F-1M coax cable

HTS800 33540060

AUDIO VIDEO POWERCENTER - MONSTER

NEW

- Colour-coded, labelled power outlets and matching cord labels for easy hook-up
- 2.5m Monster AC power cable with 24k gold contact
- Flat Profile™ insulated right angle plug provides maximum corrosion resistance and power transfer with added flexibility and safety for installations
- Eight outlets total, including three spaced for use with AC adapter transformers
- One pair of coaxial connections for TV/Antenna
- Dual-Mode Plus protection circuitry with audible alarm and auto disconnect
- Visual indicators for damage, protection, and ground
- 2,500 + Joule rating
- $150,000 Connected Equipment Warranty

AV800 33540070

SURGE PROTECTOR - HPM

Protection for Computer, TV or HI-FI from damaging power surges.
- 240V 10 Amps Max ■ Max. Continual V: 300V
- Energy absorption: 117 Joules
- Clamping current: 800V @ 50A
- Protection mode: Active Neutral ■ Surge: 4500A

D2PA 33540080

PHONE SURGE ADAPTOR - HPM

A teleguard surge adaptor protects both 240V mains outlet & telephone/data line

- Current: 10A
- Capacitance: 430pf
- Clamping V: 775V
- Energy Absorption: 50 Joules
- Data Line RJ12, 6P4C
- Max breakdown: 1000V

D2PARJ 33540090

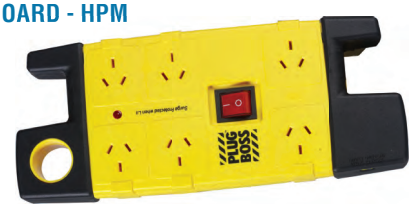
6 WAY ELECTRE-SAFE POWER BOARD - HPM

LIFE-SAVING BUILT-IN CIRCUIT BREAKER

- 30mA Residual Trip, 10Amp 2400W
- Red neon indicates power on, turns off when tripped
- Reset ON button ■ Push button to test
- Overload Protection
- Ideal for tradesman and in garages and workshops

D105ELP6 33540111

6 WAY SURGE PROTECT RUGGED POWER BOARD - HPM



6 Outlet Surge protected power board.

- 6 Outlets with spacing to fit 4 transformer plugs
- Massive 3.1m lead ■ Rated to 10 Amp
- Illuminated Master Switch ■ Cable Management

D105PBOSSPA6 33540120

SURGE PROTECTION MAINS & TELEPHONE

NEW

- Slimline design: fit 2 side by side
- 10 A rating
- Phone line and power protection with earth connection
- RJ phone sockets for line connection

SPT-01 33540130

RCD PROTECTED

ELECTROSAFE™ 4 WAY POWER CENTRE - HPM

This portable power solution for ideal for workshops keeping you safe with **RCD** (Residual Current Device) and **MCB** (Mini Circuit Breaker) protection. A built in RCD safety switch helps protect against electrocution, cutting power in 30 milliseconds, and built in MCB provides localised overload protection.

- Unique Faulty Supply Detection Relay
- Orange Heavy Duty 1.8m Lead

R105EPC4 27782800

POWER SUPPLIES

AC ADAPTORS

9V AC 500MA

BULK PACK

- 2.5mm Centre + plug
- HWD: 80 x 40 x 50 mm

AC905 33770068

9.3V AC 1A

BULK PACK

- 2.5mm Centre + plug
- HWD: 80 x 40 x 50 mm

AC910 33770070

12V AC 500MA

BULK PACK

- 2.5mm Centre + plug
- HWD: 80 x 40 x 50 mm

AC1205 33770076

12V AC 1.7A

BULK PACK

- Ideal for high current applications such as halogen lamps
- Stripped tinned lead
- HWD: 90 x 60 x 50 mm

AC1217 33770088

16V AC 1.5A

BULK PACK

- Fully approved for dial-up security systems
- Suitable AC power supply for alarm units, & alarms with inbuilt telephone dialers etc.
- 3 core double insulated stripped tinned leads
- HWD: 90 x 60 x 50 mm

AC1615 33770100

24VAC 1AMP INLINE POWER SUPPLY

BULK PACK

- 2.5mm Centre + plug
- HWD: 100 x 70 x 60 mm

AC2410 33770200

DC ADAPTORS

MULTI VOLTAGE 300MA

- 9 Adaptors included:
  - 2.35, 4.0 & 4.8mm stereo
  - 2.5 & 3.5mm mini I 1.0, 1.35, 2.1 & 2.5 DC
- Switched voltages: 3 - 4.5 - 6 - 7.5 - 9 & 12V DC

PS300MV 33773932

DOSS DC ADAPTORS

- Input: 240 V AC 50Hz ■ Proven reliability
- Fully Approved ■ Safe and Easy to Use
- Rugged construction

9V DC 500MA

BULK PACK

- 2.1mm Centre + plug
- HWD: 60 x 50 x 40 mm

DC905 33774400

9V DC 1A

NEW

BULK PACK

- 2.1mm Centre + plug
- HWD: 80 x 60 x 50 mm

DC910 33774406

12V DC 100MA

BULK PACK

- 2.1mm Centre + plug
- HWD: 60 x 40 x 40 mm

DC1201 33774412

12V DC 500MA

BULK PACK

- 2.5mm Centre + plug or 2.1mm Centre + plug
- HWD: 70 x 50 x 40 mm

DC1205LT 33774418 2.5mm (+) plug
DC1205ST 33774419 2.1mm (+) plug

12V DC 1A

BULK PACK

- 2.1mm Centre + plug
- HWD: 80 x 60 x 50 mm

DC1210 33774424

SWITCHMODE DC ADAPTORS

DOSS
Power & Performance

Switch mode regulated power supplies
Ideal for driving sensitive electronic equipment such as security cameras, digital and low voltage test equipment and more.

- Input: 100~240 V AC 50/60 Hz 0.75 A
- High efficiency low power consumption
- Auto reset ■ Short circuit proof
- Power indicator LED ■ Fully Approved
- Rugged construction ■ Safe and Easy to Use

Marked models include 6 interchangeable tips

PACKAGING FOR RETAIL SALES

Marked models are supplied in high quality packaging for point-of-sales impact and provide ideal storage for tradesman and installers

LOWER VOLTAGE DC ADAPTORS

5V DC 3A

- 2.1mm Centre + fixed plug
- Auto reset ■ Short-circuit proof
- HWD: 80 x 41 x 38 mm

SM528 33774380

6V DC 2A

BULK PACK

- Includes 2.1mm interchangeable tip
- HWD: 80 x 40 x 60 mm

SM620 33774385

9V DC 500MA

BULK PACK

- Mini design
- Includes 2.1mm interchangeable tip
- HWD: 60 x 40 x 45 mm

SM905 33774402

9V DC 1A

6 INTERCHANGEABLE TIPS INCLUDED

- HWD: 80 x 40 x 60 mm

SM910 33774408

12V DC ADAPTORS

12V DC 500MA

6 INTERCHANGEABLE TIPS INCLUDED

Mini, compact size ■ HWD: 60 x 40 x 45 mm

SM1205 33774420

12V DC 1A

BULK PACK

- Includes 2.1mm interchangeable plug
- HWD: 80 x 40 x 60 mm

SM1210 33774421

12V DC 1.5A

BULK PACK

- 2.1mm Centre +
- HWD: 80 x 40 x 60 mm

SM1215R 33774425

12V DC 1.5A

6 INTERCHANGEABLE TIPS INCLUDED

- HWD: 80 x 40 x 60 mm

SM1215 33774426

12V DC 4A

BULK PACK

- 2.5mm Centre + plug
- Inline model ■ IEC detachable mains cord
- HWD: 110 x 50 x 40 mm

SM1240 33771335

HIGHER VOLTAGE DC ADAPTORS

15V DC 1.5A

- 2.1mm Centre + plug
- Detachable figure 8 mains lead included
- HWD: 90 x 45 x 40 mm

SM1515 33774427

18V DC 1A

BULK PACK

- 2.1mm Centre + plug
- Detachable figure 8 mains lead included
- HWD: 90 x 45 x 40 mm

SM1810 33774428

24V DC 500MA

BULK PACK

- 2.1mm Centre + plug
- HWD: 90 x 55 x 30 mm

DC2405 33774430

24V DC 1A

BULK PACK

Delivers 24V DC at any current up to 1 Amp

- Suitable for 24V electronic products (CCTV cameras etc.)
- Size: 180 x 74 x 64mm (LWH)

SM2410 33774340

MULTI-VOLTAGE DC ADAPTORS

MULTI-VOLTAGE 1A

6 INTERCHANGEABLE TIPS INCLUDED

- Output: 3, 4.5, 5, 6, 9, 12 V DC @ 1 AMP
- HWD: 80 x 40 x 60 mm

SMV10 33774435

MULTI-VOLTAGE 2.5A

6 INTERCHANGEABLE TIPS INCLUDED

- Output: 3 ~ 7 V DC ■ 3, 4.5, 5 V DC @ 2.5 Amp
- 6, 6.5 V DC @ 2 Amp ■ 7 V DC @ 1.7 Amp
- 7 adaptor plugs provided ■ HWD: 80 x 40 x 60 mm

SMV25 33774440

H

USB/ IPOD ADAPTORS

IPOD CHARGER 100-240V 300MA DOCK PLUG

NEW

Take this iPOD charger anywhere in the world and never run out of power.

- 4 interchangeable input plugs (British, European, American and Australian), as well as incorporating protection against short circuiting, automatic overloads and overheating
- Input voltage : 100 - 240 VAC 50/60Hz
- Output voltage: 11VDC
- Output Current : 300mA, 3.3VA (max.)

(iPOD not included)

IPC01	33774448

USB MAINS ADAPTORS

Small light weight mains chargers with USB output for universal compatibility. Power or charge your USB device anywhere in the world. Keep your mobile phone, PDA, laptop or any other device that supports USB charging. Simply plug in your devices USB cable and charge

Digital Cameras

Handheld Devices

Portable Audio Players

MAINS ADAPTOR FOR USB POWERED APPLIANCES

NEW

Handy for charging USB devices without needing to connect the device to your computer

- Input Voltage: 100-240VAC 50/60Hz
- Size: 68x55x52mm
- Output Voltage: 5VDC Regulated
- Output Current: 1A max.

MAUSB01	33774446

CAR ADAPTOR FOR USB POWERED APPLIANCES

Charge your USB powered devices in your car, while on the road.

- Input voltage: 10.2 - 13.8VDC
- Output Voltage: 5VDC
- Output Current: 1 Amp
- 68 (H) x 55(W) x 52.5(D) mm

NEW

CPS5V	33774444

DC REGULATED BENCH TOP

13.8V REGULATED CB POWER SUPPLIES

13.8V regulated DC power supplies with cigarette lighter sockets.
Designed to power CBs, Automotive and Marine equipment.

- Galvanized Steel Case
- Fixed 13.8V DC Regulated Output
- Current Overload and Short Circuit Protection
- High Stability and High Reliability
- 4mm Banana Socket/Screw Terminals
- LED Power ON Indicator
- Dimensions (WHD): 160 x 92 x 150mm

PS732	33771301	2A
PS734	33771317	4A

MULTI-VOLTAGE DC 3A SWITCH MODE

- Input 240VAC/ 50Hz, 0.4A.
- Output: 3, 4.5, 6, 7.5, 9, 12V DC @ 3Amps
- Compact and lightweight with high stability,
- Overload protected
- Housed in strong polycarbonate case
- LED operate indicator.
- Safety feature locking voltage selector slider switch prevents accidental voltage selection
- Supplied with 4mm screw terminals
- Accessory pack includes: 4 mm lead to 4 way DC plug adaptor and also twin DC cable to red and black alligator clips

SPS8041	33771336

VARIABLE VOLTAGE/ CURRENT POWER SUPPLY - DOSS

Featuring Twin LCD Voltage & Current Meters

- DC Regulated power supply: 0~30 V/ 0~2.5 A
- Completely solid state, compact, well regulated, constant voltage power supply suitable for service field, hobby & telecommunication equipment use.
- Low current push or high current post terminals
- Current & voltage LCD meters
- Ripple & noise (RMS): 5mV
- Line & Load regulation: 0.05% +/- 10mV
- Fixed voltage: 5V / 500mA max, 12V / 500mA max
- Dimensions.: 150 x 145 x 200mm
- Weight: 2.8Kg

EP613	33771601

0-30V 5A DC DIGITAL REGULATED POWER SUPPLY - DOSS

NEW

- Output Voltage: 0-30VDC ■ Output Current: 5A
- Fixed Output Voltage 1: 5VDC
- Fixed Output Voltage 2: 12VDC
- Input Voltage: 230VAC/ (120VAC / 60 Hz)
- Meter Type: LCD ■ 3 digit display
- Cooling system: Thermostatic
- Dimensions: 205 x 115 x 280 mm

NP9615	33774427

3-15V 40AMP BENCHTOP ANALOGUE POWER SUPPLY - DOSS

High power switching mode DC regulated power supply with 40 Amps continuous output.

- Adjustable output voltage: 3 to 15 volts
- Fixed voltage mode 13.8VDC
- High quality analogue Voltage and Amp meters
- Ripple and Noise 10mVRMS
- Overload and temperature protected
- Size: 220 x 110 x 300mm (HWD)

SPS8400	33771602

3-15V 40AMP BENCHTOP DIGITAL POWER SUPPLY - DOSS

NEW

High power switching mode DC regulated power supply with 40 Amps continuous output.

- Output Voltage: 3-15VDC ■ Output Current: 40A
- Fixed Output Voltage: 13.8 VDC
- Input Voltage: 230VAC/ (120VAC / 60 Hz)
- Meter Type: LED Meter ■ 3 digit display
- Cooling system: Thermally controlled fan
- Dimensions: 220 x 110 x 300 mm

SPS9400	33774427

3-12V 1.5AMP MULTI-VOLTAGE POWER SUPPLY

Versatile 3, 4.5, 6, 7.5, 9 & 12 VDC regulated power supply. Convenient rotary voltage selection switch & On-Off switch on end panels.

- Screw terminals/Banana socket output
- Fully regulated so exact voltage is supplied regardless of current
- Short circuit, & thermal protection
- Size: 135 x 98 x 68 mm LW

RPS1500	33774360

REGULATED HIGH CURRENT POWER SUPPLIES

The EP800 Series 13.8V fixed regulated high current power supply is a completely solid state, compact, well regulated, constant voltage power supply, suitable for service field, hobby and telecommunication equipment use.

- High output current loading using screw terminals
- Light output current using the snap-in terminals
- Overload Indicator
- Automatic fan forced cooling

EP806: 150 x 145 x 200mm - Weight: 4. 0Kg
EP815: 150 x 145 x 305mm - Weight: 5 .2Kg
EP820 150 x 145 x 305mm - Weight: 6.5Kg
EP825 150 x 145 x 305mm - Weight: 9.0Kg

EP806	33776030	6A
EP815	33776037	12A
EP820	33776050	20A
EP825	33776060	25 A

LAPTOP POWER

REGULATED SWITCHMODE LAPTOP POWER SUPPLIES

Multi-Voltage 6 A switchmode regulated power supplies allow safe and efficient operation of your laptop.

- Output: 7 selectable DC voltages
- 15/ 16/ 18/ 19/ 20 V DC @ 6 A
- 22/ 24 V DC @ 5 A
- Current: 5/ 6 Amp
- 10 adaptor plugs for the most popular brands including Apple, Dell, Compaq, Acer, Hp and more.
- Short circuit proof ■ Fully Approved
- Overload Protected

6A SWITCHMODE CAR POWER

Automotive Laptop Power Supply

- Input: 12~13.8 V DC

Run your laptop computer from your car battery.

LPS02	33771329

6A SWITCHMODE UNIVERSAL

Universal input voltage:
Take it with you on overseas trips!

- Input: 100~240 V AC 50/60Hz 1.8 A Max
- 175.5 (W) x 70.5 (D) x 38 (H) mm

LPS01	33771332

UPS POWER

650VA UPS - UPSONIC

Proffice Total Power Solution for Home & Office

- Microprocessor controller
- Protection for modem/ phone Line-In
- Built-in smart RS-232 and USB ports
- Intelligent battery management
- User replaceable battery design
- Both battery and surge protected outlets
- Compact design allowing horizontal/ vertical/ wall mount options
- Capacity: 650VA/ 390W
- Waveform: Modified Sine Wave
- Transfer Time: 2~6 ms
- Battery: 12V/7AH x 1 Lead Acid, maintenance free
- Protection: Deep Discharge, Overcharge, Short Circuit, RJ 11 Modem/Telephone Protection x 3
- Dimension: 90 (H) x 192 (W) x 297 (D) mm
- Weight: 6.2 Kg

PROFFICE	33779138

600VA UPS - UPSONIC

- Automatic voltage regulator (AVR - Buck and Boost),
- Voltage surge/spike suppressor and noise filter
- Fully automatic system save and close-down in the event of a power failure.
- RJ11/RJ45 network connection ACA approved telephone line filter ■ Microprocessor control
- Built-in DC start function
- User-Replaceable Battery Design
- 3 year warranty (2 years on battery)

DS600	33779141

2000VA UPS - UPSONIC

- Capacity: 2000VA/1080W
- Automatic voltage regulator (AVR - Buck and Boost),
- Voltage surge/spike suppressor and noise filter
- Fully automatic system save and close-down in the event of a power failure.
- RJ11/RJ45 network connection ACA approved telephone line filter
- Microprocessor control
- User-Replaceable Battery Design
- Built-in DC start function
  Battery Type: 12V/9AHx2pcs
- Dimension (DxWxH): 368.3x140x180.4 mm
- 3 year warranty (2 years on battery)

DS2000	33779251

VOLTAGE REDUCERS

20-30V DC TO 13.8V DC - VOLTEX

DC to DC Converter with over voltage and over current protection circuitry.

- Input Voltage: 20 ~ 30 Volts DC
- Output Voltage: 13.8 Volts DC
- Output: 7Amp ~ 8 hours under DC 24V

VTX036A 125 x 60 x 105mm - 3.6A Limit 5A
VTX5A 190 x 70 x 100mm - 5A Limit 7.5A
VTX10A 190 x 70 x 180mm - 10A Limit 10A

VTX036A	33777985	3.6A
VTX5A	33778001	5A
VTX10A	33778017	10A

DC-DC CONVERTER SWITCHING MODE - DOSS

SDC210

SDC225

- 13.8V DC regulated output voltage
- 22-30V DC input voltage ■ High efficiency 88%
- High power density
- Output over voltage protection
- Overload and short circuit protection
- LED power on indicator ■ Power on/off switch
- Dimensions: SDC120: 125 x 47 x 120 in.
- Dimensions: SDC225: 6.1 x 2.2 x 6.6 in.

SDC210	33774918	10A
SDC225	33774920	25A

20-30V DC TO 13.8V DC

DC to DC Converter with over voltage and over current protection circuitry.

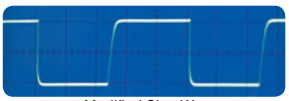
- Input Voltage: 20 ~ 30 Volts DC
- Output Voltage: 13.8 Volts DC
- Output: 7Amp ~ 8 hours under DC 24V
- Dimensions (WHD): 125 x 45 x 120mm

DD107	33777990	7A

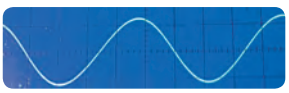
H

INVERTERS

12V DC - 240V AC TRUE SINE WAVE INVERTERS



Modified Sine Wave



True Sine Wave

DOSS 12V Inverters provide a pure quality 240V AC power signal. There are regular inverters. And now, new True Sine Wave Inverters. The difference? These babies produce a better and cleaner voltage... more suited for sensitive items such as laptop computers, stereos, laser printers, medical electronics, multi-stage timers and rechargeable tools. Whats more, New Equipment Protection Technology prevents excessive spikes from damaging your equipment. Gone is the distortion in monitors, light flickering, etc. Your equipment runs cooler, lasts longer and is guaranteed to perform the same as if your were using city power

- Over / under battery voltage protection
- Audible low voltage warning
- Automatic low voltage shutdown
- Leaves enough power to start a vehicle

300W 12VDC - 240VAC

TSI300	33779095

600W 12VDC - 240VAC

TSI600	33779098

12V DC - 240V AC MODIFIED SINE WAVE INVERTERS

Transform your 12V battery into an AC outlet. Run notebook computers, radios, TVs, PVRs, lamps, fans, video games, stereo systems etc.

- Power On/Off Switch
- LED Power Indicator
- Input Voltage Range: 10 ~ 15V DC
- Output Voltage: 240V AC 50Hz
- Output Waveform: Modified Sine wave
- Battery Low Shutdown
- Thermal/ Overload Protection
- Output Short & Battery
- Polarity Protection by Fuse

150W 12VDC - 240VAC INVERTER

PIN 150 with cigarette lighter plug

- Continuous Output 150W peak 200W
- Size: 155 x 77 x 70mm ■ 520 grams

PIN150	33779105

300W 12VDC - 240VAC INVERTER

PIN 300 with cigarette lighter plug & Battery Clips

- Continuous Output 300W peak 600W
- Size: 170 x 88 x 75mm ■ 1kg

PIN300	33779106

300W 24VDC - 240VAC INVERTER

- **Suitable for trucks with 24 Volt battery systems**

PIN300-24	33779108

350W 12VDC - 240VAC INVERTER

PIN 350 with Battery Clips

- Continuous Output 350W peak 800W
- Internally fan cooled
- Size: 175 x 148 x 70mm ■ 1200 grams

PIN350	33779107

600W 12VDC - 240VAC INVERTER

PIN 600 with Battery Clips

- Continuous Output 600W peak 900W
- Internally fan cooled
- Size: 290 x 175 x 70mm ■ 2400 grams

PIN600	33779109

1200W 12VDC - 240VAC INVERTER

PIN 1200 with Battery Cables Gold Lugs

- Continuous Output 1200W peak 2400W
- Internally fan cooled
- Input current full load: 130A
- Battery low alarm ■ Standby current: 0.4 A
- Size: 320 x 210 x 85mm ■ 3900 grams

PIN1200	33779117

INVERTER REMOTE

Remote control to suit PIN1200 inverter.

- Allows you to remotely turn the inverter On/Off

PIN1200RC	33779127

CAR POWER

300A JUMP STARTER & AIR COMPRESSOR

- Up to 300 Cranking Amps
- Heavy Duty Rubberized High Impact, Rust-proof, & weather resistant housing
- **Portable 260 PSI Air Compressor**
- Inflate vehicle tires, rafts, mattresses & more
- 12 V DC socket with short circuit protection
- AC & 12 V DC charger included
- 2 nozzle adaptors and sport needle provided
- Dimension: 220 (H) x 240 (W) x 140 (D) mm

JSAC300	25180935

400A JUMP STARTER & AIR COMPRESSOR

- Built-in 17 AMP/H Rechargeable Battery
- Up to 400 Cranking Amps ■ On/Off Light switch
- Heavy duty booster cable & clips
- Built-in Work Light ■ 12 Volt Power Outlet
- Built-in 260PSI Air Compressor
- 2 nozzle adaptors and sports needle
- Pressure Gauge
- Supplied with both household and 12V car adaptors to charge unit at home or on the road.
- Dimension: 270 (H) x 320 (W) x 150 (D) mm

JSAC400	25180930

CIGARETTE LIGHTER ADAPTOR CABLE

If you've lost your car lighter adaptor cable or need a spare one, then this could be your answer. One end plugs into your car cigarette lighter and the other plugs into the device you want to run.

- Power-on LED ■ Safety fuse ■ Unregulated output
- 1.8 metres long ■ 8 adaptors included

CLA01	07053005

12V LIGHTER PLUG - 2.1MM DC PLUG

- 3A Fused Cigarette Lighter Plug
- 2.1mm Right Angle DC Plug ■ 0.5m Lead

CLP21	07053015

12V LIGHTER PLUG - 2.5MM DC PLUG

- Internal fuse and LED power indicator
- Supplied with 3A M205 fuse
- Cable length 1.5m ■ 2.5mm DC Plug

CLP25 **07053018**

REGULATED IN-CAR POWER ADAPTOR - DOSS

- Led power indicator ■ Input 9~30V DC
- Regulated output voltage
- Output ranges: 1.5V, 3V, 4.5V, 6V, 7.5V, 9V, 12V DC
- Current capacity: 1500mA
- Complete with the 7 most popular adaptor plugs to suit positive or negative polarities

SDC2010 **33774914**

SOLAR POWER

SOLAR SECURITY LIGHT - HPM

- Solar panel ■ Main battery unit
- Transparent light cover ■ 10W halogen globe
- PIR motion sensor ■ Auto / off switch
- Duration time & Light sensitivity adjusting knobs
- 4.6m power cable

RSSL605/1 **38371200**

PHOTOVOLTAIC CHARGE CONTROLLER - DOSS

NEW

- 12V 6A
- Designed for trouble free application in remote high humid environment
- Compact size ■ Water resistant
- Sealed & wet type battery connection
- Battery System Voltage: 12VDC
- Dimensions: 97 x 46 x 25.5mm

SBC2106 **03617105**

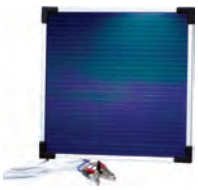
PHOTOVOLTAIC CHARGE CONTROLLER - DOSS

NEW

- 12V 20A
- Designed for use with all types of photovoltaic panels & all different types of batteries, such as wet or sealed lead acid, lead calcium battery, lead anitomy, Nicad or NiFe akaline battery
- 3 stage charging algorithms
- User adjustable charging voltages
- 5 state LED indications of battery levels
- Dimensions: 150 x 85 x 45mm

SBC7120 **03617095**

12V 4W SOLAR PANEL



High quality amorphous silicon solar panels in strong aluminium frames with clear glass front panels

- Silicon cells well protected from the environment
- Neat appearance in a Compact size
- Operation over a wide temperature range
- Size: 305 x 305mm ■ Current: 200-280mA
- Temp Range: -50°C to +70°C
- Voltage: 13-18V ■ Power: 2.5 to 5W peak

SP12V4 **38371116**

10W SOLAR PANEL BP

NEW

bp solar

- 10W Multi Crystalline module
- Operate DC loads with small to moderate energy requirements
- 10W output – 12 Volt
- Dimensions: 425 x 273 x 23 (LxWxD) mm

SX10M **38371540**

20W SOLAR PANEL BP

NEW

bp solar

- 20W Multi Crystalline module
- Cost-effective photovoltaic power for DC loads with moderate energy requirements
- 20W output – 12 Volt
- Dimensions: 425 x 502 x 50 (LxWxD) mm

SX320J **38371545**

40W SOLAR PANEL - BP

NEW

bp solar

- 40W MultiCrystalline module
- Cost-effective photovoltaic power for DC loads with moderate energy requirements
- 40W output – 12 Volt
- Dimensions: 655 x 537x 50 (LxWxD) mm

BP340U **38371550**

80W SOLAR PANEL - BP

NEW

bp solar

- High efficiency 80W Multi Crystalline module
- Provides superior value and performance for commercial and industrial use, operating DC loads directly or, in an inverter equipped system, AC loads.
- 80W output – 12 Volt
- Dimensions: 1209 x 537 x 50 (LxWxD) mm

BP380 **38371555**

125W SOLAR PANEL - BP

NEW

bp solar

- High efficiency 125W Multi Crystalline module
- Provides superior value and performance for commercial and industrial use, operating DC loads directly or, in an inverter equipped system, AC loads
- 125W output – 12 Volt
- Dimensions: 1510 x 674 x 50 (LxWxD) mm

BP3125 **38371560**

165W SOLAR PANEL - BP

NEW

bp solar

- High efficiency 165W MultiCrystalline module
- Provides superior value and performance for grid-connected residential and commercial systems, operating AC loads through an inverter, or DC loads directly
- 165W output – 24 Volt
- Dimensions: 1595 x 790 x 50 (LxWxD) mm

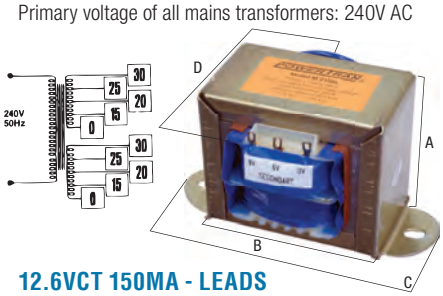
BP3165 **38371565**

H

TRANSFORMERS

MAINS

Primary voltage of all mains transformers: 240V AC



12.6VCT 150MA - LEADS

- Secondary Voltage Tappings: 12.6V CT @ 0.15A
- Dimensions: A-35, B-56, C-40, D-38
- Mounting: Slots 3x6mm ■ Weight: 0.43Kg

M2851L	54150800

12.6VCT 300MA - LEADS

- Secondary Voltage Tappings: 12.6V CT @ 0.3A
- Dimensions: A-42, B-65, C-71, D-44
- Mounting: Slots 3x6mm

M2852L	54150804

24VCT 150MA - LEADS

- Secondary Voltage Tappings: 24V CT @ 0.15A
- Dimensions: A-51, B-72, C-56, D-50
- Mounting: Slots 3x6mm

M2854L	54150808

6.3-15V 1A - SOLDER TERMINALS

- Secondary Voltage Tappings: 6V3, 7V5, 8V5, 9V5, 12V6, 15V @ 1A
- Dimensions: A-48, B-70, C-53, D-49
- Mounting: Slots 3x6mm ■ Weight: 1.9Kg

M2155L	54150820

6-15V 2A - SOLDER TERMINALS

- Secondary Voltage Tappings: 6, 9, 12, 15V @ 2A
- Dimensions: A-57, B-80, C-60, D-64
- Mounting: Slots 3x6mm

M2156L	54150824

15-30V 1A - SOLDER TERMINALS

- Secondary Voltage (AC) Tappings: 15, 17V5, 20, 24, 27V5, 30V @ 1A
- Dimensions: A-59, B-80, C-64, D-62
- Mounting: Slots 3x6mm ■ Weight: 0.92Kg

M6672L	54150848

9-24V 60VA - SOLDER TERMINALS

- Secondary Voltage Tappings: 9, 12, 15, 18, 21, 24V @ 60VA
- Dimensions: A-57, B-80, C-62, D-88
- Mounting: Slots 3x6mm

M2165L	54150864

12-30V 100VA - SOLDER TERMINALS

- Secondary Voltage Tappings: 12, 15, 27, 30V @ 100VA
- Dimensions: A-64, B-97, C-69, D-80
- Mounting: Slots 3x6mm

M2170L	54150883

12-30V 120VA - SOLDER TERMINALS

- Secondary Voltage Tappings: 12, 15, 24, 27, 30V @ 120VA
- Dimensions: A-84, B-115, C-90, D-83
- Mounting: Slots 3x6mm

M2175L	54150896

6.3V-15V 1A - SOLDER TERMINALS

- Secondary Voltage Tappings: 6.3V, 7.5V, 8.5V, 9.5V, 12.6V, 15V @ 1A
- Dimensions: A-50, B-73, C-85, D-53
- Mounting: Slots 5x8mm ■ Weight: 0.43Kg

TF02155T	54152581

12V-30V 1A - SOLDER TERMINALS

- Secondary Voltage Tappings: 12V, 15V, 17.5V, 20V, 24V, 27.5V, 30V @ 1A
- Dimensions: A-59, B-89, C-102, D-68
- Mounting: Slots 5x9mm ■ Weight: 0.92Kg

TF06672A	54152597

12V-30V 2A - SOLDER TERMINALS

- Secondary Voltage Tappings: 12V, 15V, 17.5V, 20V, 24V, 27.5V, 30V @ 2A
- Dimensions: A-66, B-91, C-107, D-70
- Mounting: Slots 5x9mm ■ Weight: 1.30Kg

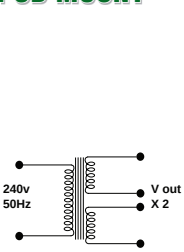
TF62155T	54152610

24V 1.25A - SOLDER TERMINALS

- Secondary Voltage Tappings: 24V @ 1.25A
- Dimensions: A-59, B-89, C-102, D-53
- Mounting: Slots 5x8mm ■ Weight: 0.70Kg

TF60817T	54153018

PCB MOUNT



Designed to Australian New Zealand Standard AS/ NZ3108

- Compact Robust PCB Mounted Transformers
- Electrical Authority Approved to AS3108
- Small footprint for improved PCB Density
- Bifilar wound secondaries for series or parallel connection
- 7507 and 7510 Series have thermal fuses as standard to provide fail safe protection
- 3.75kV isolation input to output
- Chamfered Mounting pins
- Alkaline tin dipped pins for ease of soldering
- Suitable for wave soldering

750712T	54151518	6+6V	7VA
750715T	54151526	7.5+7.5V	7VA
750718T	54151534	9+9V	7VA
750724T	54151550	12+12V	7VA
751012T	54151570	6+6V	10VA
751015T	54151574	7.5+7.5V	10VA

LIGHTING

12V 50W TRANSFORMER - NELSON

- Safety isolating transformer for 50 Watt 12 Volt lamp
- Can be dimmed with appropriate dimmer
- Includes bonus lead with moulded 240V AC plug

MTN50E	54153055

12V ELECTRONIC LIGHTING TRANSFORMERS - NELSON

- For use with filament lamps
- Small Size
- Light Weight
- Self resetting short circuit and overload protection (Secondary side)
- Dimmable with leading edge or trailing edge dimmer
- Input: 230~240V 50Hz

LT60	54153060	60 WATTS
LT105	54153065	105 WATTS

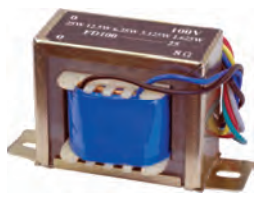
SPEAKER

5W 100V LINE TRANSFORMER

- Transformer with flexible leads.
- Suitable for matching 70V & 100V line output of public address amplifiers to 8Ω speakers
- Tappings for - 5, 2, 1 & 0.5 watts (Output power is halved on 70V line)
- Freq resp: 30Hz ~ 20kHz ■ Mounting holes: 51mm

MX306	60164301

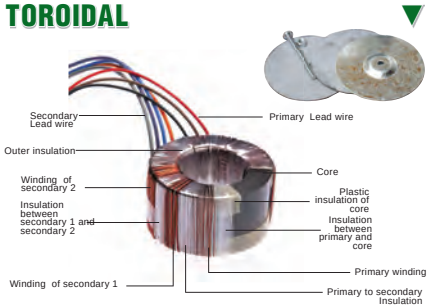
30W 100V LINE TRANSFORMER



- Multi-tapped primary and secondary taps to suit 4 and 8Ω speakers ■ Secondary Taps: 4 & 8 Ohm
- Frequency Response: 30Hz - 20kHz ±3dB
- Power Taps: 5W, 10W, 20W, 30W

M1126A	60164817

TOROIDAL



PRIMARY VOLTAGE OF ALL TOROIDAL TRANSFORMERS ~ 240VAC

- Smaller size & weight to meet modern slimline requirements
- Lower electrically induced noise demanded of compact equipment
- Higher efficiency enabling conservative ratings whilst maintaining size advantages
- Simple quick single bolt mounting
- The toroidal transformer is now accepted as the industry standard replacing the laminated type
- Approved to Australian standard AS3108
- Energy authority app. CS348/W
- Supplied with 2 x Neoprene washers, 1 x steel dished washer, 1 x Mounting bolt and Nut
- Secondary Current A: Current available when secondaries are connected in parallel
- Secondary Current B: Current available when secondaries are connected in series.

80VA TOROIDAL TX

- Secondary Voltage: 12 + 12
- Secondary Current (A): 6.6A
- Secondary Current (B): 3 .3A
- Rated VA: 80
- Size (Diam x Height): 90mm x 35 mm
- Weight: 0.9Kg

2X12V80	54151301	12+12V

80VA TOROIDAL TX

- Secondary Voltage: 18 + 18
- Secondary Current (A): 4.4A
- Secondary Current (B): 2 .2A
- Rated VA: 80
- Size (Diam x Height): 90mm x 35 mm
- Weight: 0.9Kg

2X18V80	54151308	18+18V

80VA TOROIDAL TX

- Secondary Voltage: 25 + 25
- Secondary Current (A): 3.2A
- Secondary Current (B): 1.6A
- Rated VA: 80
- Size (Diam x Height): 90mm x 35mm
- Weight: 0.9Kg

2X25V80	54151316	25+25V

160VA TOROIDAL TX

- Secondary Voltage: 12 + 12
- Secondary Current (A): 13.3A
- Secondary Current (B): 6.7A
- Rated VA: 160
- Size (Diam x Height): 100mm x 40mm
- Weight: 1.5Kg

2X12V160	54151350	12+12V

160VA TOROIDAL TX

- Secondary Voltage: 18 + 18
- Secondary Current (A): 8.9A
- Secondary Current (B): 4.45A
- Rated VA: 160
- Size (Diam x Height): 100mm x 40mm
- Weight: 1.5Kg

2X18V160	54151358	18+18V

160VA TOROIDAL TX

- Secondary Voltage: 25 + 25
- Secondary Current (A): 6.4A
- Secondary Current (B): 3.2A
- Rated VA: 160
- Size (Diam x Height): 100mm x 40mm
- Weight: 1.5Kg

2X25V160	54151366	25+25V

160VA TOROIDAL TX

- Secondary Voltage: 40 + 40
- Secondary Current (A): 4.0A
- Secondary Current (B): 2.0A
- Rated VA: 160
- Size (Diam x Height): 100mm x 40mm
- Weight: 1.5Kg

2X40V160	54151374	40+40V

300VA TOROIDAL TX

- Secondary Voltage: 12 + 12
- Secondary Current (A): 25.0A
- Secondary Current (B): 12.5A
- Rated VA: 300
- Size (Diam x Height): 110mm x 55mm
- Weight: 2.4Kg

2X12V300	54151401	12+12V

300VA TOROIDAL TX

- Secondary Voltage: 18 + 18
- Secondary Current (A): 18.67A
- Secondary Current (B): 8.33A
- Rated VA: 300
- Size (Diam x Height): 110mm x 55mm
- Weight: 2.4Kg

2X18V300	54151408	18+18V

300VA TOROIDAL TX

- Secondary Voltage: 25 + 25
- Secondary Current (A): 12.0A
- Secondary Current (B): 6.0A
- Rated VA: 300
- Size (Diam x Height): 110mm x 55mm
- Weight: 2.4Kg

2X25V300	54151416	25+25V

300VA TOROIDAL TX

- Secondary Voltage: 40 + 40
- Secondary Current (A): 7.5A
- Secondary Current (B): 3.75A
- Rated VA: 300
- Size (Diam x Height): 120mm x 55mm
- Weight: 2.8Kg

2X40V300	54151432	40+40V

STEPDOWN

115V / 50W STEP DOWN

Application: Ideal for operating equipment using USA 110V plug packs

- Overheat protection
- Primary Voltage: 240V/ Secondary Voltage: 115V
- Rated VA: 50
- Dimensions: 60 x 90 x 70 mm HWD/ Weight: 1.5Kg

MF1091	54153079	

240V/ 110V STEPDOWN TRANSFORMERS

- Primary voltage: 240V 50Hz ■ Double wound
- Metal enclosures have powder white paint finish
- Fuse protected outlets ■ USA female socket single up to 1000VA, two for 2000VA
- Input: Australian flex and plug
- Test voltage 3.75 KV ACRMS; primary to secondary
- Fuse protection on 240 V side
- 500VA and above are also overload protected
- **Note:** Isolation unit > **no earth carried through**

SD110-100W	54153208	100W
SD110-250W	54153216	250W
SD110-500W	54153224	500W
SD110-1000W	54153232	1000W
SD110-2000W	54153240	2000W

REPLACEMENT FUSES TO SUIT SD SERIES STEPDOWN TRANSFORMERS

- Length: 38mm Diameter: 10mm
- Rating: 500Volt

SDF2	12954291	2A for SD110-500W
SDF4	12954294	4A for SD110-1000W
SDF10	12954297	10A for SD110-2000W

ISOLATING TELECOM

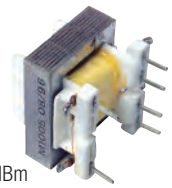
600/600 ISOLATION TRANSFORMER

Provides isolation between Telstra lines and mains operated equipment

- Austel Approved
- Impedance: 600 line, 600 Equipment
- Turns Ratio:1: 1 ■ Max Level: 0dBm @ 300Hz
- Insertion Loss: 1dB max @ 0dBm 300Hz
- 5kHz - Freq Response: 300Hz~10kHz 1dB, 0d Bm
- Return Loss: <15dB, 300Hz-5kHz
- Max Unbal. DC: 60mA ■ Proof Test:4Kv RMS
- (HWD): 30 x 41 x 33mm ■ Weight:153 Grams

M1000	54155995	

600/600 150 ISOLATION TRANSFORMER



- Impedance: 600 line, 600 or 150 Equipment
- Turns Ratio: 1: 1
- Max Level: +20dBm @ 200Hz
- Insertion Loss: 1dB max @ 0 dBm
- Freq Response: 200Hz- 3kHz 1dB, 0d Bm, 0DC
- Return Loss: <15dB, 200Hz-3kHz
- Max Unbal. DC: 5mA ■ Proof Test: 3.5Kv RMS
- (HWD): 21 x 26 x 19mm ■ Weight: 25 Grams

M1005	54156001	

600/600 150 ISOLATION TRANSFORMER

- Impedance: 600 line, 600 or 150 equipment
- Turns Ratio:1: 1
- Max Level: +20dBm @ 200Hz
- Insertion Loss: 1dB max @ 0 dBm
- Freq Response: 200Hz- 3kHz 1dB, 0dBm, 0DC
- Return Loss: <15dB, 200Hz-3kHz
- Max Unbal. DC: 5mA ■ Proof Test: 3.5Kv RMS
- (HWD): 17 x 35 x 29mm ■ Weight: 50 Grams

M1010	54156005	

H

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BOARDS & ACCESSORIES

AMMONIUM PERSULPHATE

Clean and safe non-acid etchant.
- Comes as a white powder, to be mixed at 1:5 ratio with water
- Used hot, 60° to 70°C
- 600gr in screw top jar

APE600	04256145

ETCHING PEN

P.C.B. blue marker pen - which contains free flowing etch resist ink.

33BLUE	04256217

PC BOARDS

A low cost way to build prototypes or one-off projects. Phenolic board has a matrix of punched holes in copper tracks.

PCB9576
Board Width: 95 x 76mm
PCB95152
Board Width: 95 x 152mm
PCB95303
Board Width: 95 x 303mm

PCB9576	04257770
PCB95152	04257775
PCB95303	04257780

1MM MATRIX PC PINS 100 PACK

1mm printed circuit board pins.
By inserting up to its shoulder these pins stand at a fixed height above the boards surface.
- Pack of 100

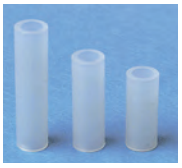
PCP1	04258120

26MM ERINOID TAPPED SPACER

Tapped plastic spacers with 1/8" BSW thread at each end.
- ½" long x ¼"

114SP	04258152

UNTAPPED NYLON SPACERS 25 PACK



- Outer Ø: 5.0mm
- Inner Ø: 3.0mm

H1322-25	04258175	12mm
H1325-25	04258180	15mm
H1328-25	04258185	20mm

TAPPED METAL BOARD SPACERS

3mm tapped spacers to suit metric M3 machine screws.
- Pack of 25

H1392-25	04258215	10mm
H1395-25	04258220	15mm
H1268-25	04258225	25mm

BOLTS TO SUIT

3mm x 6mm metric bolts to suit H1392/ H1395 and H1398 tapped spacers

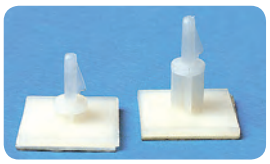
3625BT	04258230

UNTAPPED BRASS BOARD SPACERS

- Outer diameter: 5.0mm
- Inner diameter: 3.0mm
- Pack of 25

H1360-25	04258240	6mm
H1377-25	04258255	25mm

SELF-ADHESIVE BOARD SUPPORTS



Sticks directly to chassis
- 4mm P.C.B. hole required
- Pack of 25

H1408-25 | Height: 6.4mm
H1411-25 | Height: 12.7mm

H1408-25	04258450
H1411-25	04258455

PUSH FIT BOARD SUPPORTS

Raises PCB to 9.6m clearance above chassis.
- 4mm P.C.B. hole
- 4.8mm Chassis hole
- Made from Nylon 66
- Pack of (50)

H1424-50	04258500

PCB SUPPORT 50 PACK

Nylon PCB supports perfect for projects where PCB mounting holes are close to tracks.
- 4mm P.C.B. hole
- 4.8mm chassis hole
- Pack of (50)

H1436-50
6.4mm Board Spacing
(Overall Height 22mm)
H1447-50
12.7 mm Board Spacing
(Overall Height 28mm)

H1436-50	04258521
H1447-50	04258536

PIEZO BUZZERS

9V DC BUZZERS

- No RF noise
- Sound: 75dB
- No moving contacts
- Lead wire length: 90mm
- Rated Max. Current: 20mA
- Size: 25 x 15.5mmHw
- Voltage: 9 VDC

20EB055	04501033	9V dc
20EB056	04501049	12V dc

BUZZER PIEZO

- Tone: Continuous
- Sound: 85dB @ 30cm/12
- Operating Frequency: 4.5KHz
- Voltage: 3 ~ 28V DC. @ 6mA
- 90mm Leads ■ Size.: 22 x 11.5mmH

KPE26	04502001

BUZZER PIEZO CONTINUOUS

- Sound: 95dB @ 30cm/12V
- Operating Frequency: 3.5KHz
- Voltage: 3 ~ 28V DC @ 10mA
- Size: 33.5 x 25mmH
- Termination: Leads 150mm
- Tone: Continuous

KPE250	04502033

BUZZER PIEZO PULSE

- Sound: 95dB @ 30cm/12V
- Operating Frequency: 3.5KHz
- Voltage: 3 ~ 28V DC @ 10mA
- Size: 33.5 x 25mmH
- Termination: Leads 150mm
- Tone: Fast Pulse

KPE253	04502049

BUZZER PIEZO

- Voltage: 60 ~ 250VAC @ 18mA
- Sound: 85dB @ 100cm/250V
- Tone: Pulse
- Dim.: 43 x 34mm H
- Termination: Screw
- Voltage: 250V AC non-polar DC or AC

KPE623	04502065

BUZZER PIEZO

- Operating Frequency.: 2.9KHz
- Tone: Continuous/Pulse
- Voltage: 6~28V DC @ 18mA
- 85dB @ 100cm/28V
- Dim.: 43 x 34mm H
- Quick Connectors

KPE657	04503001

PCB BUZZER

- Continuous tone fully sealed PCB Piezo, ideal for high density PCB'S. Wave solderable and washable.
- Low current consumption (8mA continuous)
- Voltage: 3~16V DC @ 6mA
- Dim.: 13 x 7mm H
- Termination: PCB pins with 8mm pin spacing

KPE242	04504055

BOXES & CASES

SELF STICKING CABINET FEET

- Square black rubber feet
- Self-adhesive tape backing

12044CB 12mm x 12mm
Small: 12SQ x 8Hmm
12045CB 20mm x 20mm
Large: 16SQ x 11Hmm

12044CB	04652001
12045CB	04652017

20MM PUSH IN CABINET FEET

Excellent for all types of chassis.
Simply drill a 8mm hole, push the foot on and insert the built-in plastic pin

- 20 x 10 mm (H)

20108CB	04652250

DIECAST BOXES

Aluminium diecast alloy boxes with internal guide slots, allowing the interiors to be sub-divided by screens, dividers or component mounting boards. The lids are secured by 4 countersunk plated screws, and have interlocking flanged lids providing effective RF shielding. The boxes are supplied unfinished, but will accept most finishes with the minimum of preparation.

- Robust and Corrosion Resistant

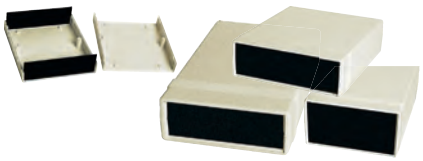
"CD" SERIES

CD0821	04850821	100 x 25 x 50mm
CD0853	04850853	120 x 40 x 65mm
CD2107	04852107	185 x 55 x 115mm
CD2150	04852150	119 x 55 x 94mm
CD2200	04852200	110 x 30 x 60mm
CD2720	04852720	120 x 33 x 95mm

"03" SERIES - PROS KIT

03-125A	04851900	99 x 26 x 51mm
03-125B	04851910	119 x 61 x 41mm
03-125C	04851920	191 x 61 x 109mm

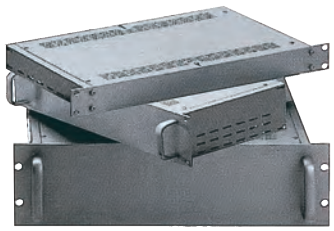
CABINET - HAMMOND



- Two piece tongue & groove construction
- High Impact grey styrene instrument case with black plastic end plates
- Case provided with integral horizontal PC board mounts on Eurocard centres
- Two sets of vertical PC board slots provided front and rear
- Self-stick PVC feet provided
- Cabinet closed by two M3 x 0.5 10mm screws

1598AS	04853400	92 x 35 x 155mm
1598CS	04853408	153 x 51 x 178mm
1598ES	04853416	160 x 85 x 160mm
1598FS	04853424	160 x 40 x 250mm
1598HS	04853432	200 x 40 x 280mm
1598JS	04853440	200 x 75 x 280mm

19" RACK MOUNT CASE



High quality rack mounting case, made from mild steel and finished in a dark grey epoxy coating. The base plate and the top cover come with ventilation slots to assist cooling. The case is supplied flat packed and is easy to assemble. Gives a Professional finish to any project! Ideal for Building Amplifiers, Pre-Amps, Power Supplies etc.

- External Height: 425 x 247 x 83mm
- Internal Height: 423 x 243 x 81mm
- Front Panel: 482 x 88mm

2UBLK	04855006	

K&W CABINETS

Economical and lightweight instrument cabinet with aluminium base & mark resistant anodized front panel.

- Black vinyl covered steel cover
- Suitable for many small projects
- Supplied with plastic feet

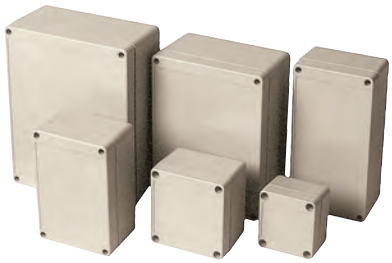
C642	04857250	155 x 53 x 100mm
C853	04857300	203 x 65 x 130mm
C1063	04857400	255 x 79 x 155mm
C1066	04857418	255 x 155 x 155mm
C1284	04857618	305 x 102 x 203mm
C1286	04857642	305 x 155 x 203mm

JIFFY BOXES

- These boxes will accommodate pre-sized PCB's vertically and horizontally thus eliminating spacers, screws etc.
- Supplied with interlocking plastic lid with countersunk holes
- Screws included

H0201	04858651	50 x 155 x 95mm
H0202	04858653	60 x 195 x 113mm
H0203	04858656	41 x 130 x 68mm
H0205	04858661	28 x 83 x 54mm

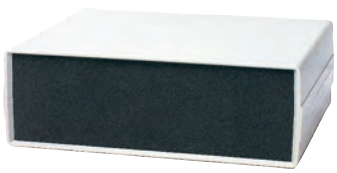
SEALED ABS CABINETS



- Light grey ABS box
- Easily drilled or punched
- Suitable for use in the electrical and electronics industries as circuit enclosures and junction boxes
- The lid and base incorporate a tongue and groove sealing system with gasket
- The wall mounting holes and lid fixing screws are outside the sealing area, thus preventing the ingress of moisture and dust
- Lids are retained by four screws into threaded inserts

CB8677	04858677	65 x 60 x 40mm
CB8679	04858679	85 x 80 x 55mm
CB8681	04858681	125 x 85 x 55mm
CB8685	04858685	165 x 85 x 55mm
CB8691	04858691	165 x 125 x 75mm
CB8693	04858693	186 x 146 x 75mm

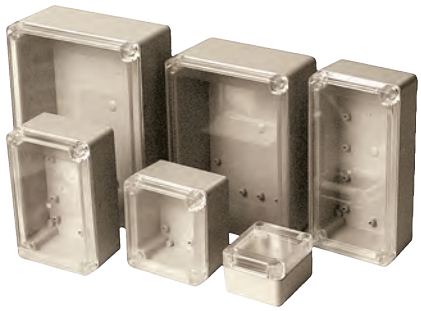
INSTRUMENT CASE



- Internal mounting posts enable a wide combination of PCB's, transformers, etc. to be accommodated
- PCB guide rails allow for positioning in several locations
- Removable front and rear panels have attractive textured finish on one side and plain on the reverse
- Top and bottom split apart for ease of construction or service
- Light grey colour with black panels

IC200	04858732	200 x 65 x 160mm

SEALED CLEAR LID CABINETS



- Light grey ABS cabinet with clear polycarbonate lid
- Fixing screw spacing: 47 x 46mm
- Lid and base incorporate a tongue and groove sealing system with gasket

CB8801	04858801	65 x 60 x 40mm
CB8804	04858804	85 x 80 x 55mm
CB8808	04858808	125 x 85 x 55mm
CB8812	04858812	165 x 85 x 55mm
CB8816	04858816	165 x 124 x 75mm
CB8820	04858820	186 x 146 x 75mm

SLOPING DESK CABINETS

- Panel in anodised aluminium
- Two-piece construction, base and cover of moulded ABS high impact plastic in two different colours
- Base is designed for fixing PCB's, mounting plates or trays Suits standard eurocards -100 x 160mm horizontally
- The cover is fixed to the base with 3mm self-tap screws, hidden by four non-slip-PVC feet
- Ideal for Intercoms, Displays, Test or Control Units

RA1	04859501	188 x 33 ~ 62 x 120mm
RA2	04859508	261 x 33 ~ 78 x 185mm

CAPACITORS

MONOLITHIC

- High volumetric efficiency with capacitance values up to 1MF ■ Inherent stability
- Low profile capacitors ideal for compact designs
- Produced by the monolithic process
- Yielding the maximum capacitance to volume consistent with excellent performance and reliability

		Rating	Voltage
CM.001-50	06150419	.001µFW	50V
CM.0047-50	06150467	.0047µF	50V
CM.01-50	06150504	.01µF	50V
CM.022-50	06150520	.022µF	50V
CM.33-50	06150530	.033µF	50V
CM.047-50	06150552	.047µF	50V
CM.1-50	06150560	.1µF	50V
CM.22-50	06150584	.22µF	50V
CM.47-50	06150600	.47µF	50V
CM1-50	06150610	1µF	50V

CERAMIC DISC

- Temp. Range: -30C ~ +85 C
- Voltage: 50V DC / Max .
- Thickness: 3mm Capacitance
- Tolerance: 20%
- Insulation Res.: 7500M Min
- By-pass and coupling

		Rating	Voltage
CER10-50	06152022	10PF	50V
CER15-50	06152027	15PF	50V
CER22-50	06152030	22PF	50V
CER27-50	06152032	27PF	50V
CER33-50	06152035	33PF	50V
CER47-50	06152040	47PF	50V
CER68-50	06152045	38PF	50V
CER100-50	06152050	100PF	50V
CER150-50	06152054	150PF	50V
CER470-50	06152071	470PF	50V
CER680-50	06152075	680PF	50V
CER.001-50	06152079	.001µF	50V
CER.0022-50	06152081	.0022µF	50V
CER.01-50	06152093	.01µF	50V
CER.1-50	06152100	.1µF	50V

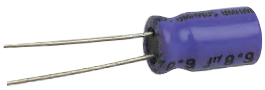
AXIAL

"RT" series axial lead electrolytic capacitors have been accepted as the industry standard for high reliability and long operational life.

- Temperature Range: -40C ~ +85C
- Capacitance Tolerance: 20% @ 120Hz 20C Type

		Rating	Voltage
RT100-63	06304112	100µF	63V
RT1000-25	06304416	1000µF	25V
RT2200-35	06304480	2200µF	35V

BIPOLAR



RBP Capacitors are specially designed for use in speaker cross-over networks and circuits involving polarity changes.

- Temperature Range: -40C ~ +85C
- Capacitance Tolerance: 20% @ 120Hz 20C
- Bi-Polar flexibility ■ Compact-robust
- Wide temperature range

		Rating	Voltage
RBP4.7-50	06305848	4.7µF	50V
RBP10-50	06305880	10µF	50V
RBP22-50	06305896	22µF	50V
RBP100-50	06305952	100µF	50V

COMPUTER

- Temperature Range: -25C ~ +85C
- Capacitance Tolerance: -10% ~ +50% LB series capacitors used for power source filters for computer, inverters, high current power supplies, high output power amplifiers and control equipment.
- Small size ■ Large capacity
- Capable of handling high ripple currents.
- Mounting clamps are supplied

		Rating	Voltage
LB22000-25	06307721	22000µF	25V
LB22000-35	06307731	22000µF	35V
LB47000-25	06307781	47000µF	25V

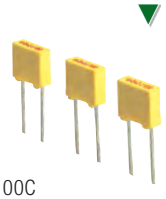
ELECTROLYTIC

RADIAL

- Temperature Range: -40C ~ +85C
- Capacitance Tolerance: 20% @ 120Hz 20C RB Electrolytics ■ Reduced dimensions
- Extended temperature rating ■ Ultra low leakage
- Improved tan loss angle ■ Ultrasonic welded leads
- Closer capacitance tolerance RP Electrolytics-Range: 2200~10000F Designed specifically to meet the demand for reliable power supply capacitors for direct mounting into printed circuit boards.

		Rating	Voltage
RB1-63	06301000	1.0µF	63V
RB2.2-63	06301008	2.2µF	63V
RB3.3-63	06301032	3.3µF	63V
RB4.7-25	06301038	4.7µF	25V
RB10-16	06301080	10µF	16V
RB10-25	06301096	10µF	25V
RB10-35	06301112	10µF	35V
RB10-63	06301128	10µF	63V
RB10-160	06301144	10µF	160V
RB22-25	06301156	25µF	25V
RB22-63	06301172	22µF	63V
RB47-16	06301272	47µF	16V
RB47-25	06301288	47µF	25V
RB47-63	06301320	47µF	63V
RB47-160	06301325	47µF	160V
RB100-16	06301336	100µF	16V
RB100-25	06301352	100µF	25V
RB100-63	06301368	100µF	63V
RB100-160	06301375	100µF	160V
RB220-16	06301520	220µF	16V
RB220-25	06301536	220µF	25V
RB220-63	06301552	220µF	63V
RB330-25	06301672	330µF	25V
RB470-16	06301784	470µF	16V
RB470-25	06301800	470µF	25V
RB470-35	06301816	470µF	35V
RB470-63	06301832	470µF	63V
RB1000-16	06302200	1000µF	16V
RB1000-25	06302224	1000µF	25V
RB1000-35	06302240	1000µF	35V
RB1000-50	06302248	1000µF	50V
RB2200-16	06302256	2200µF	16V
RB2200-25	06302264	2200µF	25V
RB2200-35	06302272	2200µF	35V
RB2200-50	06302288	2200µF	50V
RB4700-25	06302300	4700µF	25V
RB4700-50	06302308	4700µF	50V

POLYESTER



FKS2

- Voltage: 100V DC (63V AC).
- Temperature Range: -55C ~ +100C
- Capacitance Tolerance: 20%.
- Insulation Resistance @ +20C: 3 3 x 104M
- Dielectric: Polyethylene terephthalate film
- Capacitor electrodes: Metal foil

		Rating	Voltage
FKS2.001-100	06600301	.001µF	100V
FKS2.01-100	06600313	.01µF	100V

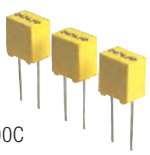
TANTALUMS

Very high capacitance per vol, excellent electrical performance & stability against both temperature and time. Suitable for a wide range of general purpose applications: coupling, decoupling filters and timing circuits.

- Temp Range: -55C ~ +85 C
- Standard Lead Spacing : .2"
- Tolerance: 20% @ 120Hz 25C ■ Flame retardant
- Small size ■ Wide frequency range
- Low leakage current ■ Extra Long life
- Polarity sensitive, care must be taken during connection

		Rating	Voltage
TAN.1-35	06925000	.1µF	35V
TAN.22-35	06925032	.22µF	35V
TAN.47-35	06925064	.47µF	35V
TAN1-35	06925096	1µF	35V
TAN2.2-35	06925128	2.2µF	35V
TAN4.7-35	06925208	4.7µF	35V
TAN10-25	06925256	10µF	25V
TAN10-35	06925272	10µF	35V

MKS2

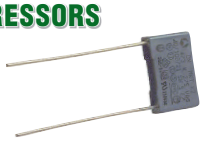


- Voltage: 50V DC (30V AC), 63V DC (40V AC)
- Temperature Range: -55C ~ +100C
- Capacitance Tolerance: 2 0%
- Insulation Resistance @ +20C: 3 5 x 103M . Ideal for decoupling, coupling and by-pass applications.
- Dielectric: Polyethylene terephthalate film.
- Capacitor electrodes: Vacuum-deposited aluminium.

		Rating	Voltage
MKS2.033-63	06600319	.033µF	63V
MKS2.047-63	06600321	.047µF	63V
MKS2.1-63	06600325	.1µF	63V
MKS2.15-63	06600327	.15µF	63V
MKS2.22-63	06600329	.22µF	63V
MKS2.47-63	06600333	.47µF	63V
MKS2.68-50	06600335	.68µF	50V
MKS21-50	06600337	.1µF	50V

MAINS SUPPRESSORS

MAINSCAP



Metallised polyethylene terephalate film in epoxy resin, the Mainscap Capacitor designed specifically for use in 250V AC mains suppression circuits. Typical applications include noise suppression of electric motors and industrial and domestic appliances.

- Voltage: 250V AC 50Hz
- Temp Range: -25C ~ +85C
- Cap Tolerance: .01 ~ .047 20% For C 2 0. 1MF .1 ~ .47 10% For C > 0.1MF

		Rating	Voltage
MCAP.01-250	06841504	.01µF	250V
MCAP.047-250	06841552	.047µF	250V
MCAP.1-250	06841568	.1µF	250V
MCAP.22-250	06841584	.22µF	250V
MCAP.47-250	06841600	.47µF	250V

GREEN CAP

- Tolerance: 10%
- Temperature Range: -40C ~ +85C
- Radial leads and flat configuration, suitable for P.C.B. use. Leads are soldered directly to the foil to ensure good contact
- High insulation resistance, low power factor & excellent reliability meet military specifications

		Rating	Voltage
GCAP.001-100	06601017	.001µF	100V
GCAP.0047-100	06601097	.0047µF	100V
GCAP.01-100	06601161	.01µF	100V
GCAP.022-100	06601193	.022µF	100V
GCAP.033-100	06601225	.033µF	100V
GCAP.039-100	06601241	.039µF	100V
GCAP.047-100	06601257	.047µF	100V
GCAP.068-100	06601289	.068µF	100V
GCAP.15-100	06601337	.15µF	100V
GCAP.22-100	06601353	.22µF	100V
GCAP.47-250	06602817	.47µF	250V
GCAP1-250	06602833	1µF	250V
GCAP2.2-250	06602848	2µF	250V
GCAP3.3-250	06602864	3µF	250V
GCAP.001-630	06604000	.001µF	630V
GCAP.01-630	06604160	.01µF	630V
GCAP.022-630	06604192	.022µF	630V
GCAP.047-630	06604256	.047µF	630V
GCAP.1-630	06604320	.1µF	630V

TRIMMERS

All trimmers feature:

- Torque: 20 ~ 150g cm
- Ins Res: 104M
- Lead Spacing: 5mm
- Size: 4.8H x 6mm Diam.
- Suitable for machine insertion
- Easy PCB mounting
- Designed to ensure against flowing flux up.
- Smooth turning rotor protected in plastic case.

BLUE TRIMMER CAPACITOR

- Rating: 2 to 7PF ■ Voltage: 100V

TRIM2TO7PF 07001504

RED TRIMMER CAPACITOR

- Rating: 4.2 to 20PF ■ Voltage: 100V

TRIM4.2TO20PF 07001536

GREEN TRIMMER CAPACITOR

- Rating: 5.2 to 30PF ■ Voltage: 100V

TRIM5.2TO30PF 07001568

CLIPS

TOOTHED CLIPS - PLUG ON - HIRSCHMANN

Fully insulated crocodile clips with sharp toothed insert in lower jaw ensuring superior grip.

- Jaw Opening: 20mm
- Overall Length: 82mm

- Jaw Opening: 12mm
- Overall Length: 80mm

			Entry	Amp
APK4B	07861501	●	4mm	2A
APK4R	07861502	●	4mm	2A
XKK1001B	07861514	●	4mm	35A
XKK1001R	07861515	●	4mm	35A

Hirsch Clips:

- screw termination

- Jaw Opening: 12mm
- Overall Length: 80mm

- Jaw Opening: 2mm
- Overall Length: 40mm

			Entry
AK2B	07862073	●	4mm
AK2R	07862074	●	4mm
MA1B	07862161	●	4mm
MA1R	07862162	●	4mm

FLEXIBLE PROD CLIPS - HIRSCHMANN

- Fine wire jaws for securing to I.C. legs, miniature components, test points etc.
- Jaw Opening: 2mm
- Overall Length: 160mm

KLEPS30B	07862057	●
KLEPS30R	07862058	●

CLIP LEADS

Set of 10 jumper leads with HC505 clips at each end

- 306mm Hookup wire

HC502 07863901 Clips Kit (pk10) RPG

Red and Black IC clips 120mm long on 3 ft flexible leads

ICK2 07863903 IC Test Leads

ALLIGATOR CLIPS

HC503R

HC503B

Large Alligator Clips

HC505R

HC505B

HC505G

Small Alligator Clips

HC508R

HC508B

Medium Alligator Clips

		Entry
HC503B	07864001	10mm
HC503R	07864002	10mm
HC505B	07864061	6mm
HC505R	07864062	6mm
HC505G	07864065	6mm
HC508B	07864233	Screw type
HC508R	07864234	Screw type

BATTERY CLIPS

- Insulated handles
- Jaw Opening: 30mm
- Overall Length: 120mm
- Maximum Amps: 30A

HC514B

HC514R

		Amps
HC514B	07864341	30A
HC514R	07864342	30A

IC CLIPS

HL011B

HL011R

- Medium I.C. clip with solder connection
- Length: 53mm

HL011B	07865501
HL011R	07865502

CLIP INSULATORS

Moulded P.V.C. insulators for H143, 25 Amp Clips

H2083R H2083B

H2083B	07868201
H2083R	07868202

ALLIGATOR CLIPS - UTILUX

Alligator clip with screw connection

- Uninsulated
- Jaw Opening: 11.1mm
- Overall Length: 33.3mm

H141

H2790

Alligator clip with sleeve and solder connection hole or screw termination.

- Jaw Opening: 9.5mm
- Overall Length: 50.0mm
- Maximum Amps: 5A

		Connection
H141	07868001	Screw
H2790	07868316	Solder

BATTERY CLIPS - UTILUX

Battery clips with screw connection

- Jaw Opening: 7.9mm
- Overall Length:44.5mm

H145

- Jaw Opening: 20.6mm
- Overall Length:76.2mm

H143

- Jaw Opening: 33.3mm
- Overall Length:102mm

H144

		Amp	
H145	07868049	10A	Small
H143	07868017	25A	Medium
H144	07868024	50A	Large

LED'S

Standard diffused LED's in 3, 5, & 10mm sizes

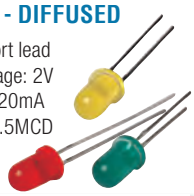
LED'S 3MM - DIFFUSED

- Cathode: Short lead
- Forward Voltage: 2V
- Current: 10~20mA
- Brightness: 1.5MCD
- LED's: 3mm

LT611	27940005	
LT621	27940010	
LT631	27940015	

LED'S 5MM - DIFFUSED

- Cathode: Short lead
- Forward Voltage: 2V
- Current: 10~20mA
- Brightness: 1.5MCD
- LED'S: 5mm



LT511	27940020	
LT521	27940025	
LT531	27940030	

LED'S 10MM - DIFFUSED

- Cathode: Short lead
- Forward Voltage: 2V
- Current: 10~20mA
- Brightness: 5MCD
- LED'S: 10mm

TLHR0400	27940035	
TLHG0400	27940040	
TLHY0400	27940045	

LED'S 5MM - SUPER BRIGHT

EBG5504S	27940055	
EBR5504S	27940060	
ESBC7000	27940080	
ESBH1000	27940065	
HBY5066X	27940070	
ESBB1000	27940075	

EBG5504S | Brightness: 80MCD
EBR5504S | Brightness: 200MCD
ESBC7000 | Brightness: 7000MCD
ESBH1000 | Brightness: 1000MCD
HBY5066X | Brightness: 1000MCD

LED'S - MULTIFUNCTION

Tri-Colour: Red/ Green/ Yellow

Flashing: Red 15mcd

SPR54MVW	27940085
V620P	27940090

INFRARED EMITTING DIODE

IRE5	27940095	5mm

INFRARED RECEIVER DIODE

IRR5	27940100	5mm

7SEGMENT DISPLAY

- 0.5" Common Cathode
- 7 Segment LED Display

FND500	27940105

LED HOLDERS

Black plastic snap in LED Holder

LEDH3MM	27951001	3mm
LEDH5MM	27951017	5mm
LEDH10MM	27951033	10mm

GROMMETS

GLANDS

M12 M16 M20 M25

"CABLE GRAB CLAW" is designed to stay on the gland body to save installation costs and a rubber ring is provided inside the claw to grip cable firmly. Good for installation & protection of cable going through chassis.

- UL approved NYLON 66, 94V-2

M12	16012850	4~7mm
M16	16013000	5~10mm
M20	16013015	6~13mm
M25	16013020	7~15mm

GLANDS - STRAIN RELIEF

M12SR

M16SR

Liquid-tight, strain relief fittings with flex protector. Reduces the possibility of cables stranding, braking, also prevents kinking or caving.

M12SR	16013030
M16SR	16013036

CORD GRIP GROMMETS

- UL approved NYLON 66, 94V-2
- For securing cable to go through chassis

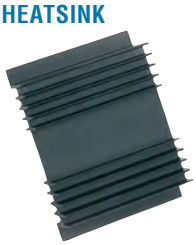
H2097
For Figure .8 Plastiflex

H2098
For 3 Core round cable

H2097	16013100
H2098	16013105

HEATSINKS

MULTI-FIN HEATSINK



Extruded multi-fin heatsinks designed for medium to high power semi-conductors. Good thermal resistance qualities suitable for vertical mounting which enhances rapid heat dissipation. Can be mounted in the conventional horizontal position.

- Black Anodised in finish
- Undrilled
- Dimensions: 75 x100mm

HS431	21210827

PC MOUNT HEATSINKS

H0650
- 2 x PCB pins for stability
- 3mm tapped hole for semiconductor fixing

6025B
- For mounting to T0220 case with Nut & Bolt
- Black Anodised

6030B
- For mounting to T0220 case with Nut & Bolt
- Black Anodised

6073B
- For mounting to T0220 case with Nut & Bolt
- Black Anodised

H0650	21210753
6025B	21210770
6030B	21210775
6073B	21210782

INDICATORS

LOW VOLTAGE

MBL10R
- 5mm Red LED in Chrome Bezel
- 2 Volt D.C.

MD530R2
- 5mm HI-Bright Red LED in black press-fit holder
- 12 Volt D.C

MD600R
- 12 Volt Panel Mount
- 6.5mm

MD600G
- 12 Volt Panel Mount
- 6.5mm

MBL10R	21616552	●
MD530R2	21616585	●
MD600R	21616590	●
MD600G	21616598	●

MAINS VOLTAGE

01098IR
Raised Lens Neon Indicator with Resistor 120V/240V
- Bezel diam.: 14.0mm
- Total Length: 43.0mm
- Barrel diam.: 10.0mm

01099IR
Neon Indicator light with Resistor in lead 120V/220V
- Bezel diam.: 12.5mm
- Total Length: 40.5mm
- Barrel diam.: 10.5mm

01098IR	21617500	●
01099IR	21617532	●

MAINS VOLTAGE INDICATORS WITH FLY LEADS

SL81R

SL81G

General purpose replacement neon indicators with flexible leads sealed at entry to indicator to prevent entry of dirt, dust or moisture.
- Chrome trim ring, protruding round lens with mounting nut and washer
- Length: 40mm
- Barrel diam.: 12mm
- 230mm. Insulated wire leads
- 240 Volt A.C.

SL81R	21619102	●
SL81G	21619105	●

KNOBS

COLOUR CODED INDICATOR KNOBS

Small ribbed black plastic knobs with coloured caps, Brass insert, White line indicator and set screw.
- For (1/4") 6.4mm shaft
- Height: 15mm
- Top Cap diameter :11mm
- Base diameter : 15mm

RN118FR	23055801	●
RN118FY	23055802	●
RN118FB	23055803	●

DIRECTIONAL INDICATOR KNOB

- 18.7mm pointer type knob
- White indicator line and set screw
- Brass insert, suits 6.4mm (1/4") shaft

PN1	23055501

SILVER TOPPED INDICATOR KNOB

Mini black plastic knob with aluminium top and white indicator line on flange.
- Brass insert with set screw
- Base Diameter: 20mm
- For 6.4mm shaft
- Height: 15mm

PN24	23055558

0-10 INDICATOR KNOB

- Plastic brushed aluminium flange
- 0-9 Indicator
- 1/4" Shaft
- 36mm Diameter

RN113A	23055710

INDICATOR KNOBS

PN8C PN8D PN8E PN8F

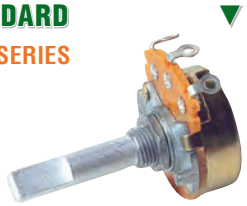
Ribbed matt black plastic knob with white position indicator in recessed grove
- With brass insert
- For 6.4mm shaft

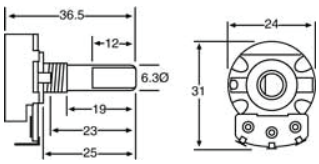
		Ø
PN8C	23055622	35mm
PN8D	23055624	24mm
PN8E	23055626	20.3mm
PN8F	23055628	15.5mm

POTENTIOMETERS

STANDARD

24SN SERIES





- (24SN Replaces VCU) High quality rotary controls widely used throughout the industry for applications in the professional, industrial and entertainment electronics field.
- Resistance Tolerance: 20%
- Rotation Angle: 20%
- Rated Temp. Range: -25C to + 70C
- Operational Noise: <47mV
- Insulation Resistance: 1000M
- Isolation Voltage: 1000V AC 1Min
- Limiting Element V: Lin=500V Log=250V
- Wattage Rating (Max): .25Watt
- Shaft & Bush: 24mm L
- Shaft: 6.00 mm Flat 11 mm L
- Overall : 23.7MM

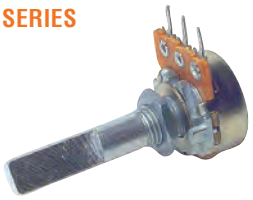
(B) LINEAR POTENTIOMETERS

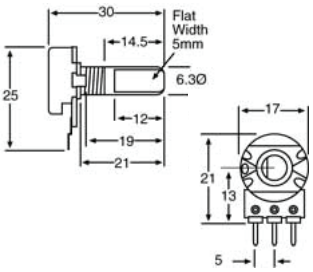
		Rating Ω
24SN500B	32490002	500
24SN1KB	32490017	1k
24SN5KB	32490049	5k
24SN10KB	32490065	10k
24SN50KB	32490129	50k
24SN100KB	32490161	100k

(A) LOG POTENTIOMETERS

		Rating Ω
24SN100KA	32490177	100k
24SN10KA	32490081	10k

18PN SERIES





High quality rotary controls widely used throughout the industry for applications in the professional, industrial and entertainment electronics field. Produced by advanced manufacturing techniques using the highest quality materials, these rotary controls conform to: AS 1347 (1972) JIS 5049, EIA RC682, UL E359611
- Resistance Tolerance: 20%
- Rotation Angle: 20%
- Rated Temp. Range: -25C to + 70C
- Operational Noise: <47mV
- Insulation Resistance: 1000M
- Isolation Voltage: 500V AC 1Min
- Limiting Element V: 200V
- Wattage Rating (Max): .2Watt
- Shaft & Bush : 20mm L
- Shaft : 6.00 mm Flat 8 mm L
- Overall : 16.8mm< BR>- Value: 100K

(B) LINEAR POTENTIOMETERS

		Rating Ω
18PN500B	32492017	500
18PN1KB	32492032	1k
18PN5KB	32492065	5k
18PN10KB	32492097	10k
18PN50KB	32492161	50k
18PN100KB	32492193	100k
18PN500KB	32492257	500k
18PN1MB	32492289	1MEG

(A) LOG POTENTIOMETERS

		Rating Ω
18PN10KA	32492113	10k

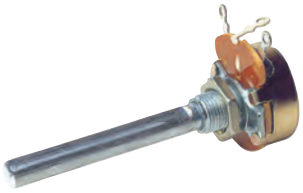
500K (B) LINEAR SWITCH POTENTIOMETER

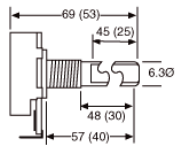
6.0mm Splined shaft switch potentiometer with PCB terminals
- Size: 23.7MM
- Shaft: 20mm L

PSW500KB	32521001

3 WATT AW WIRE WOUND

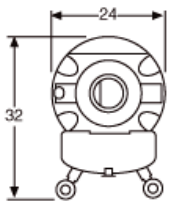
(B) LINEAR POTENTIOMETERS





Dimensions in brackets suit "A" series pots.

Panel Hole 9.3mmØ



- Double contact wiper arm for reliable operation
- Chemically sealed base for very high insulation resistance
- One piece bush & plate
- High grade resistance element for long life
- 24mm body supplied + pressed nut
- 6.5mm aluminium shaft
- Total shaft length 69mm
- Resistance Law: Linear
- Resistance Tolerance: 10%
- Wattage Rating: 3Watt @ 25C
- Bushing to Term. Rate: 1000V AC for 1m
- Across End-Term Rate: 500V DC
- Total Rotation: 300 5
- Effective Rotation: 280 (approx.)

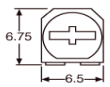
		Rating Ω
3AW-10	33412017	10
3AW-20	33412032	20
3AW-5K	33412192	5k
3AW-10K	33412208	10k

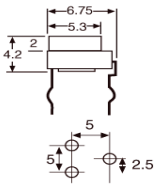
TRIMPOTS ▼

- Sub miniature. 6.4mm
- Designed to fit std .1" grid.
- Resin mold increases reliability in resistance to flux, soldering heat, terminal strength
- Adjusted on both sides, saves space
- Suits auto insertion & adjustment
- Max. Working Voltage: 100V D.C.
- Resistance Law: Linear
- Resistance Tolerance: 20%
- Wattage Rating: 0.2Watt @ 70C
- Working Temperature Range: - 25C ~ + 100C
- Temp. Coefficient : 250 PPM/C
- Rotation Angle: 240 10%
- Rotation Torque: 30 ~ 300 g/cm
- Residual Resistance: < 1K = 10 max.

TRIMPOT - TL1

HORIZONTAL MOUNTING WITH VERTICAL ADJUSTMENT





Pins 1.0ø
Dimensions in mm.

		Rating Ω
TL1-500B	32641024	500
TL1-1KB	32641032	1k
TL1-2KB	32641040	2k
TL1-5KB	32641056	5k
TL1-20KB	32641072	20k
TL1-50KB	32641088	50k
TL1-100KB	32641096	100k
TL1-500KB	32641120	500k
TL1-1MB	32641128	1MEG

TRIMPOT - TH1

VERTICAL MOUNTING WITH HORIZONTAL ADJUSTMENT

		Rating Ω
TH1-100B	32691001	100
TH1-500B	32691008	500
TH1-2KB	32691024	2k
TH1-5KB	32691032	5k
TH1-10KB	32691040	10k
TH1-20KB	32691048	20k
TH1-50KB	32691056	50k
TH1-100KB	32691064	100k
TH1-500K	32691080	500k
TH1-1MEGB	32691088	1MEG

MULTITURN TRIMPOTS ▼

25 TURNS - 64W

- 25 Turns adjustment screw
- Max. Case Size: 10 x 5.10 x 1 potting in low viscosity material
- 2.54mm (.1") grid pin spacing for 1 minute
- Resistance Law: Linear m~500K 10%, Others 20%
- Wattage Rating: 0.5Watt @ 70~ + 125C
- Temp. Coefficient: 100 PPM
- Dielectric Voltage: 900V RMS min.

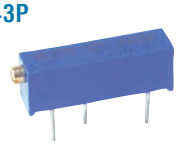
		Rating Ω
64W-500B	33141016	500
64W-1KB	33141024	1k
64W-2KB	33141032	2k
64W-5KB	33141040	5k
64W-10KB	33141048	10k
64W-20KB	33141056	20k
64W-50KB	33141064	50k

25 TURNS - 64X

- Vertical mounting, Horizontal adjustment
- Immersion sealed
- 2.54mm grid pin spacing
- Max. Case Size: 10 x 5.10 x 10mm
- Sealed for board washing and potting in low viscosity material
- Leak tested in water at 85C for on e minute (Specifications):
- Max. Working Voltage: 300V D.C.
- Resistance Law: Linear
- Resistance Tolerance: 100 Ohm~500K 10%, Others 2 0%
- Wattage Rating: 0.5Watt @ 70C
- Temp. Range: - 55C ~ + 125C
- Temp. Coefficient: 100 PPM/ C
- Slider Current: 100mA DC
- Dielectric Voltage: 900V RMS
- Insulation Resistance: 1000M min.

		Rating Ω
64X-10KB	33151001	10k
64X-100KB	33151096	100k

20 TURNS - 43P



- Sealed for board washing and potting in low viscosity material. Leak tested in water at 85C for one minute
- Max. Case Size: 20 x 5.0 x 6.0mm
- Max. Working Voltage: 200V D.C
- Resistance Law: Linear
- Resistance Tolerance: 100 Ohm~500K 10%, Others 20%
- Wattage Rating: 0.5Watt @ 40C
- Temp. Range: - 55 C ~ + 100C
- Temp. Coefficient: 100 PPM/C
- Slider Current: 50mA DC
- Dielectric Voltage: 500V RMS
- Insulation Resistance: 1000M min.

		Rating Ω
43P-1KB	33281040	1k
43P-5KB	33281048	5k

10 TURNS - 534

- High-impact, flame retardant case withstands shock and vibration abuse
- Compact design requires minimal space behind mounting panel
- Overall Diameter: 22.23mm
- Shaft Diameter: 6.35mm
- Bushing & Shaft Length: 20.62mm
- Body Length: 18.24mmL
- Max. Working Voltage: 1000V D.C.
- Resistance Law: Linear
- Resistance Tolerance: 5%
- Independent Linearity: 0.25%
- Temp. Range: - 55C ~ + 105C
- Dielectric Voltage: 1000V RMS
- Insulation Resistance: 1000M

		Rating Ω
534-1KB	33451016	1k
534-5KB	33451032	5k
534-10KB	33451040	10k
534-50KB	33451056	50k
534-100KB	33451064	100k

16 MULTITURN DIAL

- Suits 534 series 10 turn pots
- High-impact, flame retardant case withstands shock and vibration abuse
- Compact design requires minimal space ■ Slide lock tab
- Allen key supplied ■ Size : 7/8" O.D
- Suit 6.35mm Shaft

16MTD	33452001

RESISTORS

1/4 WATT METAL FILM 1% ▼

Base material high quality ceramic rod with high thermal conductivity. The resistive film is helixed by laser, the blue protective layer is epoxy resin.

OHM	1/4 WATT
2.2	37551056
15	37551148
22	37551178
33	37551206
47	37551238
100	37551298
120	37551314
150	37551330
220	37551362
330	37551394
470	37551426
560	37551442
620	37551450
680	37551458
820	37551474
1K	37551490
1K1	37551498
1K5	37551522
1K6	37551530
2K7	37551570
3K3	37551586
3K9	37551600
4K7	37551616
6K2	37551638
6K8	37551654
8K2	37551670
10K	37551686
20K	37551738
22K	37551746
27K	37551762
30K	37551770
47K	37551808
100K	37551878
110K	37551886
220K	37551938
430K	37551992
470K	37552000

5 WATT WIRE WOUND

Power resistors, heat & moisture resistant, producing low noise and high stability. Inert ceramic case, non flammable compound filling. Fibreglass core, can operate at high ambient temperatures.

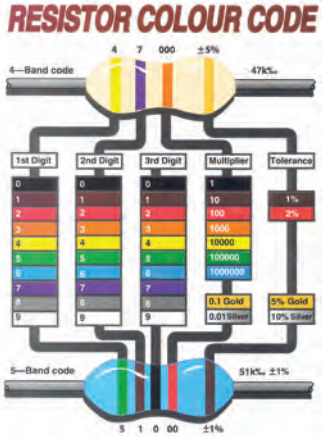
OHM	5 WATT
0.1	37575721
0.15	37575723
0.22	37575725
0.33	37575729
0.47	37575733
0.51	37575737
0.56	37575739
0.68	37575741
0.82	37575745
1	37575749
1.2	37575753
1.5	37575757
1.8	37575761
2.2	37575765
2.7	37575769
3	37575771
3.3	37575773
3.6	37575775
4.7	37575781
5.6	37575785
6.8	37575789
8.2	37575793
10	37575797
12	37575801
15	37575805
18	37575810
22	37575814
27	37575818
33	37575822
39	37575826
47	37575830
68	37575838
82	37575842
100	37575846
120	37575850
150	37575854
180	37575868
220	37575872
270	37575876
330	37575880
390	37575884
470	37575888
560	37575892
680	37575896
820	37575900
1K	37575904
1K2	37575908
1K5	37575916
2K2	37575924
3K3	37575932
4K7	37575936

10 WATT WIRE WOUND

Power resistors, heat & moisture resistant, producing low noise and high stability. Inert ceramic case, non flammable compound filling. Fibreglass core, can operate at high ambient temperatures.

OHM	10 WATT
1	37577810
1.2	37577812
1.5	37577814
2.2	37577816
3.3	37577818
3.9	37577820
4.7	37577822
5.6	37577824
6.8	37577826
8.2	37577828
10	37577830
12	37577832
15	37577834
18	37577836
22	37577838
27	37577840
33	37577842
39	37577844
47	37577846
56	37577848
68	37577850
82	37577852
100	37577854
180	37577858
240	37577862
560	37577870
600	37577872
680	37577873
1K 1	37577876
1K2	37577878
2K2	37577884
2K7	37577886
3K9	37577903
4K7	37577905
5K6	37577907
8K2	37577911
10K	37577913

RESISTOR COLOUR CODE



RELAYS

12VDC - 40AMP - GOODSKY

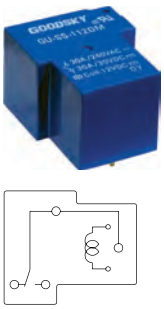
- 1 pole 12VDC capacity up to 40 Amp @12VDC

Applications ■ High Current Automotive switching

Nominal Coil Voltage	12V DC
Nominal Current	150mA
Coil Resistance (Ω±10%)	80
Power Consumption	Approx 1.8W
Contact Rating	40 Amp Max
Contact Arrangement	SPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	10mSec Approx
Release Time	10mSec Approx
DImension (WHD)	28 x 25 x 28mm

		Coil Voltage	Max Current	Contacts
GRL-S-112DF	37050912	12V DC	40 AMP	SPDT
UC3003	37050915	Base to suit GRL-S-112DF Relay		

12VDC - 30AMP - GOODSKY



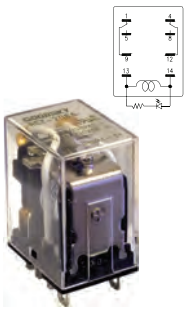
- Solder flow type, 1 pole relay covers switching capacity up to 30 Amp 240VAC, 30VDC

Applications: ■ Domestic Appliances, Power Switching

Nominal Coil Voltage	12V DC
Nominal Current	80mA
Coil Resistance (Ω±10%)	155
Power Consumption	Approx .95W
Contact Rating	30 Amp Max
Contact Arrangement	SPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	15mSec Approx
Release Time	10mSec Approx
Dimension (WHD)	27 x 20 x 32mm

		Coil Voltage	Max Current	Contacts
GU-SS-112DM	37050920	12V DC	30 AMP	SPDT

240VAC - 5AMP - GOODSKY



- 2 pole 240V AC coil relay covers switching capacity up to 5 Amp 240VAC, 30VDC

Applications: ■ Cooking appliance, Control Equipment

Nominal Coil Voltage	240V AC
Nominal Current	5.9mA
Coil Resistance (Ω±10%)	13K
Power Consumption	Approx 1.4W
Contact Rating	5 Amp Max
Contact Arrangement	DPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	25mSec Approx
Release Time	25mSec Approx
DImension (WHD)	28.2 x 34.4 x 21.8mm

		Coil Voltage	Max Current	Contacts
RET-208A	37051080	240V AC	10 AMP	DPDT
PT-08-0	37050917	PCB Mount Base to suit RET-208A Relay		

12VDC - 10AMP - GOODSKY

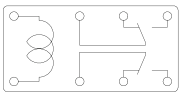
- Solder flow type, 1 pole relay covers switching capacity up to 10 Amp 240VAC, 30VDC

Applications: ■ Cooking appliance, Airconditioner, Audio equipment, Control Equipment

Nominal Coil Voltage	12V DC
Nominal Current	60mA
Coil Resistance (Ω±10%)	200
Power Consumption	Approx .75W
Contact Rating	10 Amp Max
Contact Arrangement	SPDT & DPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	15mSec Approx
Release Time	8mSec Approx
DImension (WHD)	13 x 20 x 30mm

		Coil Voltage	Max Current	Contacts
MI-SS-112D	37053721	12V DC	10 AMP	SPDT
MI-SS-212D	37053723	12V DC	10 AMP	DPDT

5,12,24VDC - 2AMP - GOODSKY



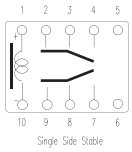
- Small size suitable for low level switching

Applications ■ Telecom, Audio Equip, Remote Control

Nominal Coil Voltage	5, 12 & 24V DC
Nominal Current	71, 30 & 15mA
Coil Resistance (Ω±10%)	70, 400 & 1600
Power Consumption	Approx 0.4W
Contact Rating	2 Amp Max
Contact Arrangement	DPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	6mSec Approx
Release Time	6mSec Approx
DImension (WHD)	20.2 x 11.4 x 9.8mm

		Coil Voltage	Max Current	Contacts
GS-SH-205D	37056263	5V DC	2 AMP	DPDT
GS-SH-212D	37056265	12V DC	2 AMP	DPDT
GS-SH-224D	37056266	24V DC	2 AMP	DPDT

12,24VDC - 1AMP - GOODSKY



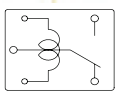
- DIL pitch terminals, 2 pole,

Applications ■ Telecom, Security Equip, Sensor Control

Nominal Coil Voltage	12V DC & 24V DC
Nominal Current	12mA & 8.5mA
Coil Resistance (Ω±10%)	1K & 2.8K
Power Consumption	Approx 0.2W
Contact Rating	1 Amp Max
Contact Arrangement	DPDT
Initial Contact Resistance	50MΩ @ 6VDC
Operate Time	3mSec Approx
Release Time	3mSec Approx
DImension (WHD)	14 x 4.75 x 9mm

		Coil Voltage	Max Current	Contacts
GP-212	37056108	12V DC	1 AMP	DPDT
GP-224	37056116	24V DC	1 AMP	DPDT

5,12,24VDC - 10AMP - GOODSKY



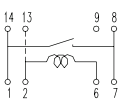
- Plastic sealed, 1 pole, Miniature

Applications ■ Domestic appliance, Audio equipment

Nominal Coil Voltage	5, 12 & 24V DC
Nominal Current	73, 30 & 15mA
Coil Resistance (Ω±10%)	70, 400 & 1.6K
Power Consumption	Approx 0.3W
Contact Rating	10 Amp Max
Contact Arrangement	SPDT
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	10mSec Approx
Release Time	5mSec Approx
DImension (WHD)	22.5 x 17 x 16.5mm

		Coil Voltage	Max Current	Contacts
RW-SH-105D	37056270	5V DC	10 AMP	SPDT
RW-SH-112D	37056271	12V DC	10 AMP	SPDT
RW-SH-124D	37056272	24V DC	10 AMP	SPDT

5,12VDC - 1AMP - GOODSKY



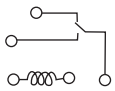
- Epoxy DIL package, 1 pole,

Applications ■ Telecom, Security Equip, Sensor Control

Nominal Coil Voltage	5V & 12V DC
Nominal Current	10 & 12mA
Coil Resistance (Ω±10%)	500 & 1K
Power Consumption	Approx .5~1.4W
Contact Rating	1 Amp Max
Contact Arrangement	SPST
Initial Contact Resistance	100MΩ @ 6VDC
Operate Time	.5mSec Approx
Release Time	.5mSec Approx
DImension (WHD)	20 x 6 x 8mm

		Coil Voltage	Max Current	Contacts
DIR-C-8105A	37056276	5V DC	1 AMP	SPDT
DIR-S-8112A	37056277	12V DC	1 AMP	SPDT

ISOLATION RELAY

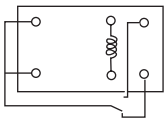


BOTTOM VIEW

- Conforms to Telecom Spec 1302
- Telecom Aust. Approval RA81/110
- Low profile (14.4mm board height)
- High isolation : (3.5kVrms 1 minute)
- 7kV ■ impulse (3 times for 40S)
- Switching capacity 0.1~5A (depending on contact material)
- Size: 21 x 13.6 x 16mm (WHD)
- Nominal Coil Voltage: 12V DC
- Coil Resistance (15% @ 20C): 320
- Coil Current (at rated voltage): 37mA
- Contact Arrangement: SPDT (1 Form C)
- Max. Load Ratings (Resistive): 5A 125VAC/3A 250VAC/5A 30VDC
- Operate Time: 7ms

		Coil Voltage	Max Current	Contacts
SSD105P-12V	37055004	12V DC	5 AMP	SPDT

MINIATURE SPDT RELAYS

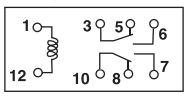


BOTTOM VIEW

- 2A max continuous carrying current
- Super sensitive gold-overlay contacts
- International terminal pitch of 2.54mm grid terminal layout
- Low power dissipation of 0.45W
- Size: 10.8 x 15.6 x 10.6mm (WHD)
- Rated Power Dissipation: 450mW
- Contact Arrangement/ Material : (1 Form C) Gold-overlay silver
- Contact Rating: 28V DC 1A/120V AC 0.5A
- Max Carrying/ Switching Current: 2A/2A DC/1.25A AC
- Max Switching Voltage/ Power: 150V DC/220V AC/ 28W DC/60VA AC
- Initial Contact Resistance: 100m max. (at 6V DC, 0.1A)
- Operate Time/ Release Time : Approx. 5ms
- Life Expectancy (Mechanical): 5 x 106 ops. min
- Max. Switching Frequency: 18000 ops./hour

		Coil Voltage	Max Current	Contacts
FBR211CD005	37051005	5V DC	2 AMP	SPDT
FBR211CD012	37051012	12V DC	2 AMP	SPDT

MICRO-MINIATURE DPDT RELAYS - FUJITSU



BOTTOM VIEW

- Size: 9.9 x 8 x 16mm (WHD)
- Nominal Coil Voltage: 5V/12V DC
- Coil Resistance (10% @ 20C): 167/960 Ω
- Coil Current (at rated voltage): 30/13 mA
- Rated Power Dissipation: 150mW
- Contact Arrangement: DPDT (2 Form C)
- Contact Shape: Bifurcated Contact
- Contact Material: Gold-overlay silver
- Contact Rating: 24V DC 1A/120V AC 0.3A
- Maximum Carrying Current: 1A
- Max Switching Voltage/Power: 125

		Coil Voltage	Max Current	Contacts
FBR46ND05	37051048	5V DC	1 AMP	DPDT
FBR46ND12	37051050	12V DC	1 AMP	DPDT
FBR46ND24	37051055	24V DC	1 AMP	DPDT

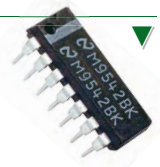
SOLID STATE RELAYS

- Normally Open Type ■ Optically Isolated
- Photocoupler isolation for direct connection to IC logic circuits such as DTL, TTL, CMOS etc.
- Zero voltage turn-on, Zero current turn-off
- Faster switching response
- High surge current handling capability
- No noise due to load current switching
- Input Control Voltage Range: 4 ~ 32V DC
- Turn-on Voltage: 4V DC
- Rev. Voltage Protection: 32V DC
- Current Rating: 40 Amps
- Surge Current Rating: 425 Amp 16ms
- Size: 58 x 21 x 45.2mm (WHD)

		Coil Voltage	Max Current	Contacts
KSA240AC8	37053758	75 ~ 240V AC	40 AMP	Solid State
KSD240AC8	37053750	4~30V DC	40 AMP	Solid State

SEMICONDUCTORS

LINEAR ICS



7555CN	38210010	Timer general purpose
DS1489N	38210020	Quad line receiver
LF398N	38210030	Sample and hold amp
LM301AN	38210040	Uncompensated op-amp
LM311N	38210050	Voltage comparator
LM324N	38210060	Quad low power op-amp
LM335Z	38210070	Precision temp sensor
LM336Z-2.5	38210080	2.5v reference diode
LM336Z-5	38210090	5v reference diode
LM339N	38210100	Quad comparator
LM3524N	38210110	Reg. Pulse/width modula
LM358N	38210120	Dual low pwr.Op-amp
LM35DZ	38210130	Precision temp sensor
LM380N	38210140	Audio power amplifier
LM383T	38210150	Audio power amp 8w
LM3914N	38210160	Dot/bar display driver
LM393N	38210170	Dual comparator
LM555CN	38210180	Timer
LM555SM	38210190	Timer
LM556CN	38210200	Dual timer
LM565CN	38210210	Phased locked loop
LM567N	38210220	Tone decoder
LM741CN	38210230	Operational amplifier
LM833N	38210240	Dual op amplifier
LM837N	38210250	Quad op amplifier

74 / 74LS SERIES

74LS00	38180010	Quad 2-in nand gate
74LS02	38180020	Quad 2-input nor gate
74LS05	38180030	Hex inverter (oc)
74LS08	38180040	Quad 2-in.Pos.And gate
74LS123	38180050	Monostab.Multivibrator
74LS138	38180060	1 To 8 line decoder
74LS244	38180070	Octal buffer tri-state
74LS245	38180080	Tri-state octal trans
74LS32	38180090	Quad 2-input or gate
74LS74	38180100	Dual d flip-flop
74LS85	38180110	4-Bit magnitude compar

4000 SERIES

High speed, static sensitive devices.

- Unused pins need to be connected to either power rail to prevent oscillations

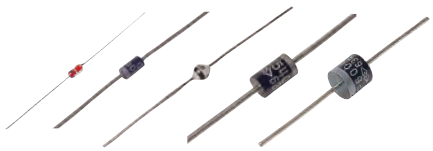
40106	38080010	Hex schmitt trigger
4011	38080020	Buffer quad 2input
4017	38080030	Decade counter - divider
4060	38080040	14bit binary counter
4066	38080050	Quad analogue switch
4069	38080060	Hex inverter
4081	38080070	Buffer quad 2 input & Gate
4541	38080080	Oscillator programmable
4584	38080090	Hex schmitt trigger

74HC SERIES

High speed, C-Mos logic

74HC00	38090010	QUAD 2-IN NAND GATE
74HC02	38090020	QUAD 2-IN NOR GATE
74HC04	38090030	HEX INVERTER
74HC08	38090040	QUAD 2-INPUT AND GATE
74HC10	38090050	3-INPUT NAND GATE
74HC14	38090060	HEX SCHMITT TRIGGER

RECTIFIERS/ DIODES



A B C D E

F G

Type: R = Rectifier I D = Diode

		Amp	Volt	Case	Type
1N4004	38100010	1A	400	D	R
1N4007	38100020	1A	1000	A	R
1N4148	38100030	150mA	75	A	R
1N5060	38100040	2.5A	400	C	R
1N5062	38100050	2.5A	800	C	R
1N5404	38100060	3A	400	C	R
1N5408	38100070	3A	1000	C	R
1N5627	38100080	3A	600	C	R
25F60	38100090	25A	600	F	D
25F60R	38100100	25A	600	F	D
70H60	38100110	70A	800	G	D
70H60R	38100120	70A	800	G	D
BAV21	38100130	200mA	200	D	D
BYV96E	38100140	1A	1000	D	D
BYW96E	38100150	3A	1000	D	R
BYX42-1200	38100160	12A	1200	F	D
BYX42-1200R	38100170	12A	1200	F	D
PX6004	38100180	6A	400	E	D

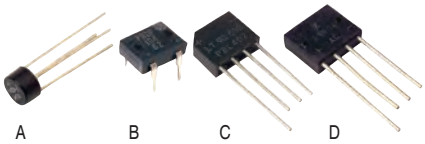
BRIDGE RECTIFIERS

High current bridge rectifiers with QC tabs

		Amp	Volt
KBPC25-04	38110010	25	400
KBPC35-04	38110020	35	400
KBPC35-10	38110030	35	1000

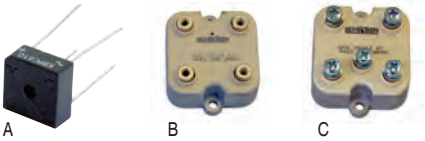
FOR DETAILED DATASHEETS, VISIT

www.datasheetcatalog.com



A B C D

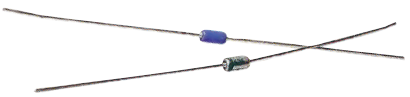
		Amp	Volt	Case
PB154M	38110040	1.5	400	A
PBDF104	38110050	1	400	B
PBL404	38110060	4	400	C
PBL407	38110070	4	1000	D



A B C

		Amp	Volt	Case	Type
PBPC1007	38110080	10	1000	A	
PBPC604	38110090	6	600	A	
PBPC607	38110100	6	1000	A	
SKB30/04	38110110	30	400	B	SP
SKD30/12	38110120	30	1200	C	SP

ZENER DIODES



The zener diode uses a p-n junction in reverse bias to make use of the zener effect, which is a breakdown phenomenon which holds the voltage close to a constant value called the zener voltage.

		Watts	Volt
BZX79-C6V2	38120010	0.4	6.2
BZX79-C10	38120020	0.4	10
BZX79-C11	38120030	0.4	11
BZX79-C12	38120040	0.4	12
BZX79-C15	38120050	0.4	15
BZX79-C20	38120060	0.4	20
BZX79-C24	38120070	0.4	24
BZX79-C27	38120080	0.4	27
BZX79-C2V7	38120090	0.4	2.7
BZX79-C3V0	38120100	0.4	3
BZX79-C3V3	38120110	0.4	3.3
BZX79-C4V7	38120120	0.4	4.7
BZX79-C5V1	38120130	0.4	5.1
BZX79-C5V6	38120140	0.4	5.6
BZX79-C6V8	38120150	0.4	6.8
BZX79-C8V2	38120160	0.4	8.2
BZX79-C9V1	38120170	0.4	9.1
BZX85-C12	38120180	1.3	12
BZX85-C15	38120190	1.3	15
BZX85-C16	38120200	1.3	16
BZX85-C3V9	38120210	1.3	3.9
BZX85-C4V3	38120220	1.3	4.3
BZX85-C4V7	38120230	1.3	4.7
BZX85-C5V6	38120250	1.3	5.6
BZX85-C6V2	38120260	1.3	6.2
BZX85-C6V8	38120270	1.3	6.8
BZX85-C7V5	38120280	1.3	7.5
BZX85-C8V2	38120290	1.3	8.2
BZX85-C9V1	38120300	1.3	9.1
BZX85-C5V1	38120340	1.3	1.0

THYRISTORS / DIAC / TRIAC

An SCR is a latching device, once triggered, it remains latched on until the current flow between the anode & cathode stops. A Triac is an SCR for AC circuits, constructed of two SCRs back to back, even though they are AC devices, triacs are polarity conscious.

THYRISTORS

SKKT 106/12E	38130030	106A 1200V DUAL
SKKT 72/12E	38130040	72A 1200V DUAL
SKKH72/12E	38220030	72A 1200V

DIAC/ TRIACS

BT137-500	38130010	8A 800V TRIAC T0220
PO102AB	38130020	800MA 100V SCR T092
SO810MH	38130050	8A 600V SCR T0220
ST2	38130060	DIAC BIDIRECT. TRIGGER
T1613DH	38130070	16A 400V T0220
T2513MH	38130080	25A 600V T0220

TRANSISTOR MOUNTING KITS

Kit consists of:
- T03 Mica Insulator, Insulating washers, Bolts, Washers and Solder Lug.

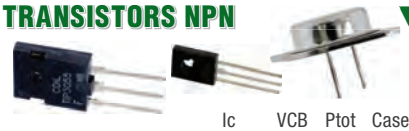
Kit consists of:
- T0220 Mica Insulator, Insulating washer, Nut, Bolt and Washer

0620MK	38140010	T03 TRANS MTG KIT
06-202MK	38140020	T0220 MTG KIT

TRANSISTORS PNP

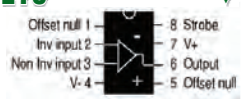
		Ic	VCB	Ptot	Case
2N3645	38160010	.3	60	.3	T092
BC327	38160020	.8	50	.8	T092
BC556	38160030	.1	80	.5	T092
BC558	38160040	.1	30	.5	T092
BC559	38160050	.1	30	.5	T092
BC640	38160060	.5	80	1	T092
BD140	38160070	1.5	100	8	T0126
BD238	38160080	2	100	25	T0126
BD678	38160090	4	60	40	T0126
BD680	38160100	4	80	40	T0126
MJ4502	38160110	30	100	200	T03
MJE350	38160120	.5	300	20	T0126
TIP30C	38160130	1	100	30	T0220
TIP32	38160140	3	40	40	T0220
TIP42C	38160150	6	100	65	T0220

TRANSISTORS NPN



		Ic	VCB	Ptot	Case
2N2219	38150010	.8	60	.8	T039
2N2222A	38150020	.8	75	.5	T018
2N2369	38150030	.5	40	.36	T018
2N3019	38150040	1	140	.8	T039
2N3053	38150050	.7	60	5	T039
2N3055	38150060	15	100	115	T039
2N3642	38150070	.6	60	.35	T092
2N3773	38150080	16	160	150	T03
2N3904	38150090	.2	40	.625	T092
2N5551	38150100	.6	180	.35	T039
2N6027	38150110	.15	40	.3	T092
BC109	38150120	.1	30	.3	T018
BC317	38150130	.15	50	.35	T092
BC337	38150140	.8	50	.8	T092
BC338	38150150	.8	30	.8	T092
BC546	38150160	.1	80	.5	T092
BC547	38150170	.1	50	.5	T092
BC548	38150180	.1	30	.5	T092
BC549	38150190	.1	30	.5	T092
BC550	38150200	.1	50	.5	T092
BD139	38150210	5	100	.8	T0126
BD237	38150220	4	100	25	T0126
BD437	38150230	4	45	36	T0126
BD681	38150240	4	100	40	T0126
BF459	38150250	.1	300	6	T0126
BFR90	38150260	30mA	10	.18	SOT37
BU208	38150270	6	1500	12.5	T03
BU326A	38150280	6	900	60	T03
MJ15003	38150290	20	140	250	T03
MJ802	38150300	30	100	200	T03
MJE3055T	38150310	10	70	90	T0220
TIP29C	38150320	4	100	30	B19
TIP3055	38150330	15	100	90	T0218
TIP31	38150340	3	40	40	T0220
TIP41C	38150350	6	100	65	T0220

TRANSISTOR FETS

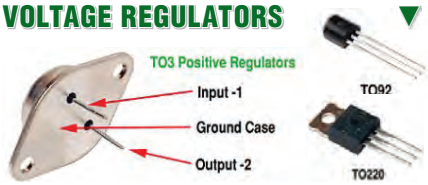


2N3819	38170010	NFET VHF/UHF AMP T092
2N5485	38170020	NFET VHF/UHF AMP T092
CA3140E	38170030	MOSFET INPUT OP-AMP
LF347N	38170040	JFET QUAD OP-AMP W/B
LF351N	38170050	JFET INPUT OP-AMP W/B
LF353N	38170060	JFET DUAL OP-AMP W/B
LF442CN	38170070	JFET OP AMP DUAL LOW-POWER
LF444CN	38170080	BI-FET OP AMP LOW-POWER

TRANSISTORS DARLINGTON

		Amp	Volt	Watt	Case
TIP120	38200010	5	60	65	T0220
TIP125	38200020	5	60	65	T0220

VOLTAGE REGULATORS



		Amp	Volt	Case
LM2577T-ADJ	38190010	STEP-UP DC-DC REG.		
LM317HVK	38190020	1.5	+Adj.	T03
LM317K	38190030	1.5	+Adj.	T03
LM317LZ	38190040	0.1	+Adj.	T092
LM317T	38190050	1.5	+Adj.	T0220
LM320T-12	38190060	1	-12	T0220
LM320T-15	38190070	1	-15	T0220
LM320T-5	38190080	1	-5	T0220
LM337T	38190090	1.5	-Adj.	T0220
LM338K	38190100	5	+Adj.	T03
LM340T-12	38190110	1	+12	T0220
LM340T-15	38190120	1	+15	T0220
LM340T-24	38190130	1	+24	T0220
LM340T-5	38190140	1	+5	T0220
LM340T-8	38190150	1	+8	T0220
LM350T	38190160	3	+Adj.	T0220
LM78L05ACZ	38190170	0.1	+5	T092
LM78L12ACZ	38190180	0.1	+12	T092
LM79L05ACZ	38190190	0.1	-5	T092
LM79L15ACZ	38190200	0.1	-15	T092

DA / AD CONVERTERS

ICL7106CPL	38220010	3.5A DA CONVERTER LCD
IRF830	38190020	4.5A 500V N-CHANNEL MOSFET

OPTO COUPLERS

4N25	38250010	2500 V
4N28	38250020	500 V
4N35	38250030	3500 V
ILQ1	38250040	1500 V QUAD
RD3480	38250050	Light dependent resistor

DISPLAY DRIVERS

DS1488N	38230010	QUAD LINE DRIVER
ICL232CPE	38230020	5V DUAL RS232 TRN/ REC

EPROM

MM27C256	38240010	256K CMOS EPROM
MM27C512	38240020	512K BIT EPROM
MM431000	38240030	128K X8 STATIC RAM

VARISTORS

VDR Voltage Dependent Resistors are distinguished by a high voltage dependence, resistance decreases rapidly as the voltage rises.
VDRs protect electronic circuits with semiconductors that are easily damaged by over voltage pulses.

S14K250	38260010	250V 65 JOULE
S14K275	38260020	275V 71 JOULE
S20K275	38260030	275V 140 JOULE

SWITCHES

ROCKER

MINI ROCKER SWITCH -BLACK

SPST (2P) On/Off rocker switch with Red LED indicator, snap-in fitting.
- Rating: 250VAC 3A
- LED: 4VDC 40mA
- Mounting cutout: 19 x 11.4mm

SR2002 41272002

ROCKER SWITCH -RED

SPST (2P) On/ Off rocker switch, requires 18.5mm round cutout.
- Screw terminals
- Rating: 250VAC 6A
- Contact Resistance: 50m (max)
- Size: 28 x 18 x 29 HWDmm

SR2026 41272026

12V ROCKER SWITCH -RED

SPST On/Off, Snap fitting with 6.5mm faston lugs
- Cutout: 29 x 12.5 mm
- 32 x 14 x 32 HWDmm

SR2202 41272202

SPST ROCKER SWITCH ILLUMINATED

SPST On/Off Snap in
- Red rocker, Black body
- 6.35mm faston lugs
- 250VAC, 10 Amps
- Cutout: 29 x 11.0 mm
- Size: 32 x 14 x 32 mm HWD

SR4401 41274401

MINI ROCKER SWITCH RED

SPDT On/Off Red illuminated rocker, Q.C terminals, snap-in.
- Rating: 250VAC 6A
- Life: 10,000 cycles
- 2,000V AC for 1 min
- Size: 15 x 23 x 21mm (WHD)

SR4601 41274601

DPDT ROCKER SWITCH BLACK

DPDT 10 AMP Rocker
- Snap-in mount
- 6.35mmQC terminal
- Rated: 250VAC 10A
- Contact Res: 100M /5m
- 1,000V AC for 1 min
- Cutout: 31 x 23 mm
- Size: 34 x 25 x 28mm (HWD)

SR4635 41274635

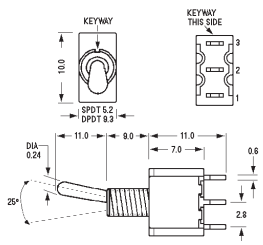
DPDT ROCKER SWITCH ILLUMINATED

DPST 10 AMP Rocker
- Computer power switch
- Snap-in mount
- 6.35mm QC terminals
- Rated at: 250VAC 10A
- Cutout: 25 x 25 mm
- Size: 35 x 35 x 35mm (HWD)

SR4643 41274643

TOGGLE

SUB-MINIATURE SPDT SWITCH



- 250VAC 1A (125V 3A)
- Type: SPDT On - On
- Contact Res: 20m @ 2-4VDC
- Insulation Res: 1,000M
- Dielectric Strength: 1,000V RMS
- Contacts: Silver plated
- Case: Diallyl phthalate (DAP)
- Terminals: silver plated
- Life Expect: 30,000 cycles

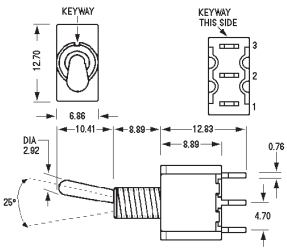
ST1016 41371016

12V ILLUMINATED SWITCH

SPST On/Off with red illuminated toggle.
- Quick connect tab terminals
- Rating: 12Amp 12VDC
- Dimensions: 13 x 25 x 25mm (WHD)

ST5066 41375066

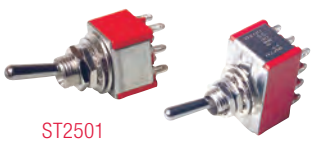
MINIATURE SPDT TOGGLE SWITCHES



- Contact Res: 20m @ 2-4VDC
- Insulation Res: 1,000M
- Dielectric Strength: 1,000V RMS
- Contacts: Silver plated
- Case: Diallyl phthalate (DAP)
- Terminals: silver plated
- Life Expect: 30,000 cycles
- Rated (250VAC 3A) (125VAC 6A)

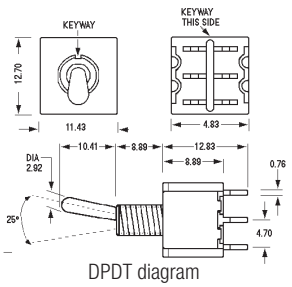
ST2001	41372001	On - On
ST2032	41372032	On - Off - On
ST2048	41372048	(On) - Off - On
ST2065	41372065	(On) - Off - (On)

MINIATURE DPDT SWITCHES



ST2501
ST2532
ST2565

ST3501



DPDT diagram

- 240V AC - 3Amp (125V AC - 6Amps)
- (Brackets donate spring return)

ST2501	41372501	On - On
ST2532	41372532	On - Off - On
ST2565	41372565	(On) - Off - (On)
ST3501	41373501	On - On

MINI SOLDER TERMINAL SWITCH

DPST On/Off 2Amp 250VAC toggle switch
- Rating: 3 Amp 250VAC
- Dimensions: 14 x 14 x 25mm (WHD)

ST6501 41376501

SOLDER TERMINAL SWITCHES

Metal toggle switches with On/Off indicator plates and solder terminals.
- Rating: 3 A 220VAC (6A 110VAC)
- Dimensions: 28 x 21 x 18mm (WHD)

- SPST On/Off
- 2 Solder lugs

ST6201 41376201

- DPST On/Off
- 4 Solder lugs

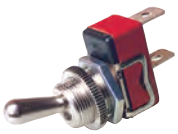
ST6601 41376601

- DPDT On/Off
- 6 Solder lugs

ST6901 41376901

TAB TERMINAL SWITCH

SPST On/Off toggle switch
- 6.4mm Tab terminals.
- Rating: 3Amp 250VAC
- Initial Contact Res.: 10m @ 1A 2VDC
- Insulation Res.: 1,000M @ 500VDC
- Dimensions: 14 x 14 x 25mm (WHD)

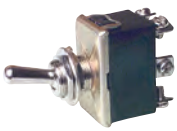


ST6401 41376401

SCREW TERMINAL SWITCHES

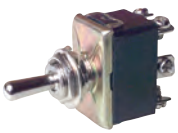
- Rating: 10Amp 250VAC
- Initial Contact Res.: 10m @ 1A 2VDC
- 1KM @ 500VDC
- 30 x 28 x 20 mm(WHD)

- DPDT (6P)
- On - On



ST7201 41377201

- DPDT (6P)
- On-Off-On



ST7205 41377205

REED

Changeover reed switch magnetically operated
- SPDT
- Travel: 0.8mm
- Rating: 35Volts/10mA
- Size: 9.0 x 14.5mmH

SR1001 41271001

MICRO SWITCHES

SPDT SUB-MINI TYPES

- Rating: 250VAC 3Amp
- Body Size: 19.8 x 9.5 x 6.4mm
- Solder terminals

With pin plunger
- Operating Force: 150g

SM1001 41111001

With lever actuator
- Operating Force: 50g

SM2501 41112501

SPDT MICRO TYPES

- Rating: 250VAC 10Amp
- 4.8mm Q.C. (solder) terminals
- Size: 27.8 x 15.9 x 10.3mm (WHD)

With pin plunger
- Operating Force: 230g

SM3501 41113501

With lever actuator
- Operating Force: 115g
- Lever Length: 28.6mm

SM4501 41114501

Change-over type with roller actuator.
- Operating Force: 230g
- Lever Length: 20.1mm

SM5001 41115001

PUSH BUTTON

MOMENTARY BABY PUSH BUTTONS

- Rating: 125VAC 1Amp
- Mounting Hole: 7.0mm
- Overall Length: 30mm
- SPST Push-On
- Red

SP2001 41162001

- SPST Push-Off
- Red

SP2017 41162017

PUSH ON/ PUSH OFF

- Momentary
- Terminals: Common, N/O, N/C

- 250VAC 2Amp
- Mounting Hole: 6.5mm.
- Overall Body Length: 32mm

SP2032 41162032

PUSH ON BUTTON SWITCHES

- Rating: 125VAC 2.5Amp
- Mount Hole:12 mm
- Overall Body Length: 37mm

SPST
- Red Button

SP3532 41163532

SPST
- Black Button

SP3535 41163535

PUSH ON PUSH OFF SWITCHES

- 125VAC 0 .4Amp
- Terminations: 6.5mm quick lugs

SPST
With nylon plunger, often used as an alarm tamper.
- Size: 19.5 x 32 (L) mm

SP3549 41163549

SPST
- Moulded body with plunger, used as fridge door switch

- Size:18.5 x 25 (L) mm

SP3550 41163550

PANIC SWITCH

MOMENTARY PUSH-ON

- Surface mount switch
- For low DC voltage applications
- Uses: Bellpress, Panic alarm Signal or Call button
- Overall Length: 32mm

SP3007 41163007

PLUNGER SWITCHES

SPST Plunger
- Momentary push button
- Rating: 250VAC 2.5Amp
- Terminations: 6.5mm quick lugs
- Mounting Hole: 12mm
- Body Length: 37mm

- Push On

SP3565 41163565

- Push Off

SP3581 41163581

VANDAL PROOF SWITCH

Screw Terminating Vandal-proof Push button switch
- 5 amps 250 Volts AC
- Momentary-On

SP3584 41163584

LAMP SWITCH

Push-On/Push-Off
- SPST push button
- Rating: 250VAC 2.5A
- Mounting Hole: 10mm
- Base Size: 23 x 9 x 13mm (WHD)

SP4001 41164001

TAMPER SWITCHES

TRIGGER PIN SWITCH

Can be installed beneath the bonnet or trunk, and wired to car alarm's trigger circuit. As soon as either the trunk or bonnet are opened, the alarm will be triggered.
- Type: Momentary ■ Contact: N/C

SP8039 41168039

PUSH ON TAMPER SWITCH

S.P.S.T Momentary push button
- Rating: 250VAC 2.5Amp
- Mount Hole:19.5mm
- Overall Body Length: 37mm

SP3017 41163017

PUSH OFF TAMPER SWITCH

SPST Momentary push button

- Rating: 250VAC 2.5Amp
- Mount Hole:12mm
- Overall Body Length: 37mm

SP3020 41163020

PCB MOUNT SWITCHES

PUSH ON SWITCH

SPST Momentary On designed for digital electronic controls

- Ultra long life
- Pins 5mmL x 5mm pitch
- Rating: 35Volts/10mA
- Travel: 0.8mm
- Dimensions: Button - 9.0 x Base - 12 mm x 14.5mmH

SP8006 41168006

TACTILE SWITCHES

Single pole normally open keyboard switch with metallic contacts.
- 24VDC 50mA ■ Stroke: 0.2mm
- Operating Force: 100 30 gf
- Contact Resistance: <100m @ 150gf

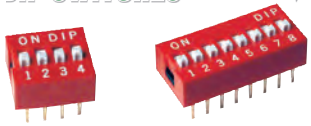
6mm switch
- Pins: 6.5mm x 4.5mm pitch
- 4.3 x 6 x 6mm (HWD)

SP8025 41168025

12mm switch
- Pins: 12.5mm x 5.0mm pitch
- 4.3 x 12 x 12mm (HWD)

SP8027 41168027

DIP SWITCHES



- 100mA 50V DC on load
- 25mA 25V/ 100mA 5V DC on switching
- Contact Resistance: 50m
- Insulation Resistance/ Dielectric Strength: 500V DC 100M min

SD1004 41011004 4 way
SD1008 41011008 8 way

KEY SWITCHES

MINI KEY SWITCH

Chrome plated brass housing.
- Tubular key ■ 240VAC 1Amp
- Size: Overall Length: 30mm
- Mounting Hole Ø: 10.5mm

SK1001 41061001

DOUBLE BITTED KEY SWITCH

Zinc alloy diecast housing & cylinder with weather proof shutter.
- 5-Disc tumbler cylinder
- 3-Terminal changeover type
- Rated: 250VAC 3Amp ■ 45° travel
- Dimensions: Length 50.3mm
- Mounting Hole Ø: 19mm

SK1065 41061065

SINGLE BITTED KEY SWITCH

Bright nickel plated zinc alloy, stainless steel facing.
- 6 terminal DPDT ■ 250VAC 2Amp
- 45° indexing ■ Short barrel

SK1080 41061080

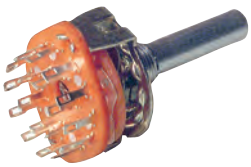
ROTARY SWITCHES

ALL MOULDED PLASTIC SWITCHES

Enclosed design with round type shaft.
- Posidex indexing
- Max Voltage: 300V AC/ DC
- Rating: 5Amps
- Break Before Make Contacts
- Insulation/Contact Res: 25KM /50m
- Contacts: Silver plated brass
- Life: >10,000 cycles ■ Indexing: 30°
- Connections: Solder tag
- Base Diam: 26.2mm
- Shaft Length/Diam: 42/6.3mm

1- Pole, 12 - Position	
SR6001	41276001
3 - Pole, 4 - Position	
SR6032	41276032
4 - Pole, 3 - Position	
SR6048	41276048

METAL SHAFT ROTARY SWITCHES



Open design, 30mm Diameter, round 6.3mm metal shaft.
- Break before make
- Contacts: silver plated brass
- Indexing: 30°
- Connections : Solder tag
- Contact Rating: 125V 500mA
- Shaft Length/Diameter: 42/6.3mm

1 - Pole, 12 - Position	
SR6501	41276501
2 - Pole, 6 - Position	
SR6512	41276512
2 - Pole, 5 - Position	
SR6524	41276524
3 - Pole, 4 - Position	
SR6536	41276536
4 - Pole, 3 - Position	
SR6548	41276548
6 - Pole, 2 - Position	
SR6560	41276560

MERCURY SWITCH

LIGHTWEIGHT MERCURY TILT SWITCH

Housed in 6.8 x 25mm glass bulb with 30mm lead wires. 125V 3Amp
- Long life, non oxidizing contacts
- Highly sensitive, Normally Open
- 15° tilt to close circuit

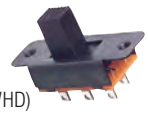
SL1002	41081002

SLIDER SWITCHES

DPDT slide action switches with solder terminals.
- Rating: 125VAC 0.3Amp

- Hole centres: 19mm
- Dimensions: 23 x 7 x 7.2mm (WHD)

SS1001	41321001



- Hole centres: 28mm
- Dimensions: 35 x 7.5 x 13mm (WHD)

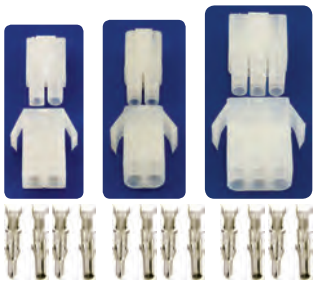
SS1016	41321016

TERMINALS

LUGS

NYLON PLUG & SOCKET SETS - ROUND PIN

NEW



Quickcrimp plug and socket sets with round pin connectors
The high reliability 2mm O.D. crimp contacts, are easily snapped into the housings by hand, with two sizes covering a wide wire range from 0.2 to 2.0mm²

6007-2	43576912	2 way
6007-4	43576914	4 way
6007-6	43576916	6 way

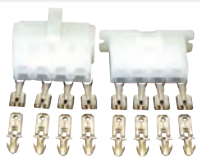
NYLON PLUG & SOCKET SETS - FLAT PIN

2 way plug and socket kit with flat pin connectors

QK2	43576920

4 way plug and socket kit with flat pin connectors

QK4	43576926



8 way plug and socket kit with flat pin connectors

QK8	43576929

PIN CONNECTORS - CABAC 100 PACK

- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Top working temperature: 105ºC
- Voltage rating: 600V AC/DC
- **RED:** Conductor 0.25 ~ 1.65mm² Current: 12 Amps
- **BLUE:** Conductor 1.04 ~ 2.63mm² Current: 16 Amps

PC1.25-100	43576772	●
PC2-100	43576778	●

BOOT LACE PINS - CABAC 100 PACK

BLP050-100 BLP075-100 BLP100-100 BLP150-100 BLP250-100

CABAC bootlace pins are used to terminate conductors, by containing the strands in a thin walled copper sleeve that is crimped onto the conductor. The sleeve ensures that no conductor strands stray, and also stops screws in the terminal from breaking strands. The sleeves should be slipped over the stripped conductor, and crimped. Crimp is only to hold sleeve on conductor until screw of terminal housing makes connection.

BLP050-100	43576596	.5mm2
BLP075-100	43576600	.75mm2
BLP100-100	43576604	1.0mm2
BLP150-100	43576608	1.5mm2
BLP250-100	43576612	2.5mm2

FLAT BLADE CONNECTOR 100PK - CABAC

- Insulated flat blades
- Conductor 0.25 ~ 1.25mm²
- Current: 24 Amps

FB1.25-2-100	43576629

BULLET CONNECTORS FEMALE - CABAC

Insulted female bullet connectors
- ● **RED:** Conductor 0.25 ~ 1.65mm² Current: 12 Amps
- ● **BLUE:** Conductor 1.04 ~ 2.63mm² Current: 16 Amps

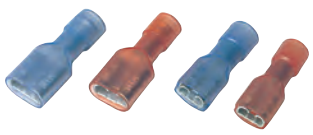
4mm		25 PK
FBC1.25-25	43576640	●
5mm		15 PK
FBC2DGK-15	43576644	●

BULLET CONNECTORS MALE - CABAC

Insulted male bullet connectors
- ● **RED:** Conductor 0.25 ~ 1.65mm² Current: 12 Amps
- ● **BLUE:** Conductor 1.04 ~ 2.63mm² Current: 16 Amps

1.25mm		15 PK
MBC1.25K-15	43576722	●
1.25mm double grip		100 PK
MBC1.25DG-100	43576724	●
2.00mm		15 PK
MBC2K-15	43576726	●

FULLY INSULATED QUICK CONNECTORS - CABAC



- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Insulation: Nylon 6 or Nylon 66
- Top working temperature: 105ºC
- Voltage rating: 415V AC/DC
- ● **RED:** Conductor 0.25 ~ 1.65mm² Current: 24 Amps
- ● **BLUE:** Conductor 1.04 ~ 2.63mm² Current: 32 Amps

4.8mm		50 PK
FIQC1.25-4.8-50	43576648	●
6.4mm		15 PK
FIQC1.25-6.4K-15	43576650	●
6.4mm Double Grip		50 PK
FIQC1.25-6.4D-50	43576652	●
6.4mm		15 PK
FIQC2-6.4K-15	43576654	●
6.4mm Double Grip		50 PK
FIQC2-6.4D-50	43576656	●
4.8mm		50 PK
FIQC2-4.8.5-50	43576660	●

INLINE SPLICE CONNECTORS - CABAC

- ● **RED:** Conductor 0.25 ~ 1.65mm² Current: 24 Amps
- ● **BLUE:** Conductor 1.04 ~ 2.63mm² Current: 32 Amps

1.25mmØ		20 PK
ILS1.25K-20	43576708	●
1.25mmØ		50 PK
ILS1.25-50	43576710	●
2.00mmØ		20 PK
ILS2K-20	43576711	●
2.00mmØ		50 PK
ILS2-50	43576713	●

INSULATED FORK SPADE TERMINALS - CABAC

- ● RED:
  Conductor 0.25 ~ 1.65mm²
  Current: 18 Amps
- ● BLUE:
  Conductor 1.04 ~ 2.63mm²
  Current: 24 Amps

3mm	100 PK	
FS1.25-3-100	43576668	●
4mm	100 PK	
FS1.25-4-100	43576672	●
3mm	15 PK	
FS2-3K-15	43576684	●
4mm	15 PK	
FS2-4K-15	43576687	●
4mm	100 PK	
FS2-4-100	43576688	●

UNINSULATED FORK SPADES - CABAC

- Stud: 4mm

1.25mm cable entry	100 PK	
FSU1.25-4-100	43576702	
2.0mm cable entry	100 PK	
FSU2-4-100	43576706	

INSULATED MALE TAB CONNECTORS - CABAC

- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Top working temperature: 105ºC
- Voltage rating: 415V AC/DC
- ● RED:
  Conductor 0.25 ~ 1.65mm²
  Current: 24 Amps
- ● BLUE:
  Conductor 1.04 ~ 2.63mm²
  Current: 32 Amps

6.4mm	15 PK	
MT1.25-6.4K-15	43576737	●
6.4mm	100 PK	
MT1.25-6.4D-100	43576739	●
6.4mm	15 PK	
MT2-6.4K-15	43576742	●
6.4mm Dual Grip	100 PK	
MT2-6.4D-100	43576744	●

UNINSULATED MALE TAB CONNECTORS - CABAC

1.25mm Cable entry - 6.4mm - 20 PK		
MTB1.25-6.4K-20	43576756	
1.25mm Cable entry - 6.4mm - 100 PK		
MTB1.25-6.4-100	43576758	

INSULATED PIGGY BACK QUICK CONNECTS - CABAC

- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Voltage rating: 415V AC/DC
- ● RED:
  Conductor 0.25 ~ 1.65mm²
  Current: 24 Amps
- ● BLUE:
  Conductor 1.04 ~ 2.63mm²
  Current: 32 Amps

6.4mm	15 PK	
PB1.25-6.4K-15	43576760	●
6.4mm Dual Grip	50 PK	
PB1.25-6.4DG-50	43576761	●
6.4mm	15 PK	
PB2-6.4K-15	43576762	●
6.4mm Dual Grip	50 PK	
PB2-6.4DG-50	43576763	●

UNINSULATED PIGGY BACK QUICK CONNECTS - CABAC

6.4mm	100 PK	
PBA6.4-100	43576764	
6.4mm	20 PK	
PBA6.4K-20	43576765	

INSULATED QUICK CONNECTS - CABAC

- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Voltage rating: 415V AC/DC
- ● RED:
  Conductor 0.25 ~ 1.65mm²
  Current: 24 Amps
- ● BLUE:
  Conductor 1.04 ~ 2.63mm²
  Current: 32 Amps

6.4mm	20 PK	
QC1.25-6.4D-20	43576787	●
6.4mm Dual Grip	100 PK	
QC1.25-6.4D-100	43576789	●
6.4mm	20 PK	
QC2-6.4K-20	43576794	●
6.4mm Dual Grip	100 PK	
QC2-6.4DG-50	43576796	●

UNINSULATED QUICK CONNECTS - CABAC

2.8mm	100 PK	
QCB1.25-2.8-100	43576811	
4.8mm	100 PK	
QCB1.25-4.8-100	43576817	
6.4mm	20 PK	
QCB1.25-6.4K-20	43576822	
6.4mm	100 PK	
QCB1.25-6.4-100	43576824	

INSULATED RING TERMINALS - CABAC

- Conforms to AS 3169
- Electroplating: Tin 99.9%
- Top working temperature: 105ºC
- Voltage rating: 415V AC/DC
- ● RED:
  Conductor 0.25 ~ 1.65mm²
  Current: 24 Amps

Red ring terminals:
Cable entry: 1.25mm

3.0mm	25 PK	
RT1.25-3K-25	43576862	●
3.0mm	100 PK	
RT1.25-3-100	43576864	●
4.0mm	25 PK	
RT1.25-4K-25	43576865	●
4.0mm	100 PK	
RT1.25-4-100	43576866	●
5.0mm	25 PK	
RT1.25-5K-25	43576867	●
5.0mm	100 PK	
RT1.25-5-100	43576868	●
6.0mm	25 PK	
RT1.25-6K-25	43576869	●
6.0mm	100 PK	
RT1.25-6-100	43576870	●
8.0mm	50 PK	
RT1.25-8-50	43576871	●

- ● BLUE:
  Conductor 1.04 ~ 2.63mm²
  Current: 32 Amps

Blue ring terminals:
Cable entry: 2mm

3.0mm	20 PK	
RT2-3K-20	43576873	●
4.0mm	20 PK	
RT2-4K-20	43576875	●
4.0mm	100 PK	
RT2-4-100	43576876	●
5.0mm	20 PK	
RT2-5K-20	43576877	●
5.0mm	100 PK	
RT2-5-100	43576878	●
6.0mm	20 PK	
RT2-6K-20	43576879	●
6.0mm	25 PK	
RT2-6-50	43576881	●
8.0mm	50 PK	
RT2-8-50	43576885	●

UNINSULATED RING TERMINALS - CABAC

3.0mm	100 PK	
RTU1.25-3-100	43576895	
4.0mm	100 PK	
RTU1.25-4-100	43576897	
4.0mm - 2mm cable entry	100 PK	
RTU2-4-100	43576904	

UNINSULATED FLAG TERMINALS - CABAC

6.4mm right angle	20 PK	
QCB2-6.4FK-20	43576825	
6.4mm right angle	100 PK	
QCB2-6.4F-100	43576826	

NICKEL PLATED QUICK CONNECTS - CABAC

6.4mm	20 PK	
QCN1.25-6.4K-20	43576827	
6.4mm	100 PK	
QCN1.25-6.4-100	43576828	

END CONNECTORS 50 PACK - CABAC

Translucent nylon in fully insulated quick connectors reduces installation errors

- Conform to AS 3169
- Electroplating: Tin 99.9%
- Top working temperature: 105°C
- Voltage rating: 415V AC/DC

EC1.25-50	43576618	1.25mm²
EC2-50	43576621	2.0mm²

END CONNECTORS - QUIKCRIMP

10 PACK
Quikcrimp high quality terminals in convenient reusable packs of ten.

- Colour: Clear
- Cable Size: 5mm

QKD61	43577090	5mm²

CLOSED END CONNECTORS - QUIKCRIMP

10 PACK
Quikcrimp high quality terminals in convenient reusable packs of ten.

- Colour: Blue
- Cable Size: 14-18 AWG

B230D	43577093	

INSULATED RING TERMINALS - QUIKCRIMP

10 PACK

Quikcrimp high quality terminals in convenient reusable packs. Vinyl Grip terminals incorporate a hard, strong vinyl insulation sleeve; they provide complete reliability where the circuitry necessitates an insulated connection.

- ● RED: Cable Size 0.5-1.5mm² or 22-16 AWG

3.0mm QKD01	10 PK 43577006	●
4.0mm QKD02	10 PK 43577009	●
5.0mm QKD03	10 PK 43577012	●

- ● BLUE: Cable Size 1.5-2.5mm² or 16-14 AWG

3.0mm QKD21	10 PK 43577033	●
5.0mm QKD22	10 PK 43577036	●
6.0mm QKD23	10 PK 43577039	●
8.0mm QKD24	10 PK 43577042	●

- ● YELLOW: Cable Size 2.5-6mm² or 12-10 AWG

5.0mm QKD39	10 PK 43577066	●
7.0mm QKD40	10 PK 43577069	●
8.0mm QKD41	10 PK 43577072	●
10.0mm QKD42	10 PK 43577075	●

INSULATED FLAT TERMINALS - QUIKCRIMP

3.0mm QKD07	10 PK 43577015	●
4.0mm QKD28	10 PK 43577045	●
5.0mm QKD46	10 PK 43577078	●

INSULATED SPLICE TERMINALS - QUIKCRIMP

10 PACK

QKD11	43577018	●
QKD31	43577048	●
QKD49	43577081	●

INSULATED BULLET TERMINALS - QUIKCRIMP

Male QKD17	10 PK 43577027	●
Female QKD18	10 PK 43577030	●
Male QKD36	10 PK 43577060	●
Female QKD37	10 PK 43577063	●

QUIK CONNECT TERMINALS - QUIKCRIMP

Convenient reusable packs of 10

- ● RED: Cable Size 0.5-1.5mm² or 22-16 AWG

6.4mm Quik Connect QKD12	10 PK 43577021	●
6.4mm Male Tab QKD14	10 PK 43577024	●

- ● BLUE: Cable Size 1.5-2.5mm² or 16-14 AWG

6.4mm Quik Connect QKD32	10 PK 43577051	●
6.4mm Piggyback QKD34	10 PK 43577054	●
6.4mm Insulated QKD35	10 PK 43577057	●

- ● YELLOW: Cable Size 2.5-6mm² or 12-10 AWG

6.4mm Quik Connect QKD50	10 PK 43577084	●
6.4mm Piggyback QKD54	10 PK 43577087	●

160 PIECE TERMINAL KIT - CABAC

A plastic utility box with 18 compartments consisting of all the standard 1/4" (6.35mm) QC tabs and receptacles, also non standard 3.3mm and 4.8mm sizes are included.

TK160	43577001

1325 PIECE PRO TERMINAL KIT - QUIKCRIMP

- Solid, durable Metal case
- Crimping Tool with free calibration for perfect crimping every time
- An assortment of 20 popular terminals with individual reorder codes

KBGPRO	43577099

TERMINAL POSTS

HEAVY DUTY TERMINAL POSTS

25mm diameter captive head, electro - tinned brass threaded internal components and injected moulded high quality ABS insulation. Terminal bases have a moulded tongue to prevent turning. With insulation washer, 2 nuts and 2 washers.

- Mounting hole: 16mm
- Overall height: 75mm

TP1001	43651001	●
TP1002	43651002	●
TP1004	43651004	●

NON-CAPTIVE TERMINAL POSTS

- 4 mm top socket
- Insulation washer
- Mounting hole: 8.2mm
- Ø: 13.5mm/ Height: 36mm

TP1901	43651901	●
TP1902	43651902	●

CAPTIVE TERMINAL POSTS

4 mm top socket, Captive head type, plastic thread with double flat.

- Mounting hole: 8.2mm
- Ø:: 11mm/ Height: 50mm

TP1931	43651931	●
TP1932	43651932	●
TP1933	43651933	●
TP1934	43651934	●
TP1935	43651935	●
TP1938	43651938	○

GOLD-PLATED TERMINAL POSTS

17mm post, knurled head with coloured ring. Side entry type with 4mm banana socket. Ideal for heavy duty speaker cable.

- Ø: 10mm/ Height: 42mm

TP2814	43652814	●
TP2815	43652815	●

SPEAKER

SPEAKER TERMINALS - MONSTER

Monster M Series® Premium Speaker Cable Connectors - 24K Gold Angled Gold Pins

- 4 x Red and 4 x Black Pins
- Innovative one-piece construction for an improved high pressure crimp termination.
- Ultra-low loss transfer of audio signals
- Special Lock-Notch® design

TP2412	43652412

SPEAKER TERMINAL PANEL

Designed for speaker enclosures.

- Push down spring terminals
- Solder Tags ■ Round type
- Overall: 65mm ■ Mounting: 38 mm

TP3701	43653701

HEAVY DUTY SPEAKER TERMINAL

Heavy duty speaker terminal panel with gold plated screw terminals suits all cable up to jumbo size.
- 4mm sockets for banana plugs
- Ø Size: 100 x 100 x 40mm (HWD)

TP3702 43653702

2 WAY SPEAKER TERMINAL

Designed for speaker enclosures.
- Push down spring terminals
- Solder Tags ■ Size: 28 x 56mm

TP3905 43653905

4 WAY SPEAKER TERMINAL

Designed for speaker enclosures.
- Push down spring terminals
- Solder Tags ■ Size: 28 x 70mm

TP3910 43653910

PCB MOUNT ▼

PCB MOUNT SCREW TERMINALS

Flame retarding grey thermoplastic, tin plated copper alloy contacts with tab for wire protection. Side keyway for adding extra terminals.
- Rated: 250V, 6Amps
- Pin Spacing: .1" (5mm)

2 Way
- Size (WHD): 10 x 18 x 9mm

TBL7002 43327002

3 Way
- Size (WHD): 15 x 18 x 9mm

TBL7003 43327003

4 Way

TBL7004 43327004

5 Way

TBL7005 43327005

6 Way

TBL7006 43327006

8 Way

TBL7008 43327008

10 Way

TBL7010 43327010

ANGLED PCB MOUNT SCREW TERMINALS

45 Angled screw terminals made from flame retarding grey thermoplastic, tin plated copper alloy contacts with tab for wire protection.
- Side keyway for adding extra terminals
- Rated: 250V, 6Amps
- Pin Spacing: .1" (5mm)

2 Way
- Size (WHD): 10 x 17 x 13mm

TBL8002 43328002

3 Way
- Size (WHD): 15 x 17 x 13mm

TBL8003 43328003

BLOCKS & STRIPS ▼

TERMINAL BLOCKS

12-Way, large 5.5mm cable double entry terminal
- Rated: 500V, 30Amps
- Clamping area: 16mm²
- Body: self extinguishing polyethylene
- Temp Rating 80°C
- Chrome plated steel screws
- Size: 176 x 21 x 26 mm (WHD)

TBL1301 43321301

12 WAY DOUBLE ENTRY SCREW STRIP TERMINAL

- Rated: 380V, 6Amps
- Cable Entry: 1.5mm
- Body: Clear plastic
- Temp. Rating: 80°C
- Size: 92 x 12 x 13.5 mm (WHD)

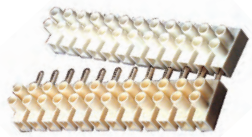
TBL3517 43323517

12 WAY DOUBLE ENTRY SCREW STRIP TERMINAL

White semi-flexible connector
- Rated: 380V, 6Amps
- Cable Entry: 3.5mm
- Temp. Rating: 80°C
- Size :118 x 15 x 22mm (WHD)

TBL4017 43324017

12 WAY MEDIUM DUTY TERMINAL



Medium Duty
- Rated: 380V, 6A ■ Entry: 1.5mm
- Body: White nylon 6.6
- Temp.: 110°C ■ Tunnel Ø: 2.8mm
- Size: 94 x14.5 x16mm (WHD)

TBL4001 43324001

12 WAY MINIATURE TERMINAL

Medium Duty 12Way.
- Rated: 380V, 15A ■ Entry: 1.5mm
- Body: White nylon 6.6
- Temp.: 110°C ■ Tunnel Ø: 3.8mm
- Size: 119 x 17 x 20mm (WHD)

TBL4049 43324049

TERMINAL STRIPS

Plated brass lugs with 6mm spacing mounted on 10mm wide bakelite strip.

- **3 Lug:** 2 Insulated, 1 Earth

TS1185 43701185

- **5 Lug:** 4 Insulated, 1 Earth

TS1201 43701201

- **9 Lug:** 7 Insulated, 2 Earth

TS1233 43701233

SINGLE TERMINAL BLOCK

Retained floating terminal screw.
- 15Amps @ 50°C
- Cable Entry: 4.5mm

TBL2001 43322001

TWO WAY SCOTCH LOCK TERMINAL

NEW

This gel-filled moisture resistant UY2 insulation butt connector (Yellow lid), which is self-stripping, is a small two-wire version of the UR2 (Red lid).
- Its small size allows you to handle higher pair count splicing whilst keeping the bundle O.D. to a minimum.
- The UY2 accepts any two-wire combinations of 19 (0.9mm) through 26 (0.4mm) AWG filled or air core cable with a maximum insulation O.D. of 2.08mm

TBL3350 43323350

THREE WAY SCOTCH LOCK TERMINAL

NEW

For General Butt Splicing
- This gel-filled moisture resistant UR insulation butt connector (Red lid) which is self-stripping was designed to be used for either two or three-wire connections.
- It consists of three ports which allow it to be used for straight and bridge slicing.
- The UR connection will accept two or three-wire combinations of 19 (0.9mm) through 26 (0.4mm) PIC-unfilled and PIC-filled with a maximum insulation O.D. of 1.52 mm.

TBL3353 43323353

PLUGS, SOCKETS & ADAPTORS

AV & COAX ADAPTORS ▼

2.5MM TO 3.5MM ADAPTOR

3.5mm stereo socket to 2.5mm stereo plug

PA1000 30251000

3.5MM STEREO TO MONO ADAPTOR

3.5mm stereo socket to 3.5mm mono plug

PA1001 30251001

3.5MM STEREO SOCKET TO 3.5MM STEREO SOCKET

PA1005 30251005

3.5MM MONO PLUG TO 6.3MM MONO SOCKET

PA1017 30251017

3.5MM MONO PLUG TO 6.3MM STEREO SOCKET

PA1032 30251032

3.5MM MONO PLUG TO RCA SOCKET

PA1048 30251048

3.5MM MONO PLUG TO PAL SOCKET

PA1052 30251052

3.5MM STEREO SOCKET TO 2 X 3.5MM MONO PLUG

Ideal for use on air planes.

PA1055 30251055

3.5MM STEREO PLUG TO 2 X 3.5MM STEREO SOCKETS

PA1060 30251060

2 X RCA SOCKETS TO 3.5MM STEREO MINI PLUG

PA1061 30251061

3.5MM STEREO PLUG TO 6.3MM STEREO SOCKET

PA1065 30251065

6.3MM MONO PLUG TO 3.5MM MONO SOCKET

PA1517 30251517

6.3MM MONO PLUG TO RCA SOCKET

PA1532 30251532

6.3MM STEREO PLUG TO 3.5MM STEREO SOCKET

PA1801 30251801

TOSLINK SOCKET TO TOSLINK SOCKET

PA1900 30251900

TOSLINK SPLITTER

3 toslink sockets. 1 in 2 out

PA1902 30251902

TOSLINK SOCKET TO OPTICAL 3.5MM PLUG

PA1905 30251905

COAXIAL TO OPTICAL CONVERTER - PRO2

- Convert your digital S/PDIF coaxial signal to optical
- Ideal solution when you no longer have empty coaxial or optical inputs remaining on your AV receiver!
- Includes power adapter
- Size: 50 (D) x 33 (W) x 21 (H) mm

PA1910 30251910

OPTICAL TO COAXIAL CONVERTER - PRO2

PA1915 30251915

S-VIDEO SOCKET TO S-VIDEO SOCKET

Mini 4 pin DIN sockets

PA2097 30252097

S-VIDEO PLUG TO RCA SOCKET

Mini 4 pin DIN socket

PA2098 30252098

S-VIDEO SOCKET TO RCA PLUG

PA2099 30252099

RCA PLUG TO 3.5MM MONO SOCKET

PA2401 30252401

RIGHT ANGLE RCA PLUG TO RCA SOCKET

- Gold plated

PA2470 30252470

RCA PLUG TO 2 X RCA SOCKETS

- Gold plated
- Ideal for car stereo applications

PA2480 30252480

RCA SOCKET TO 2 X RCA SOCKETS

PA2485 30252485

RCA PLUG TO RCA PLUG

PA2490 30252490

RCA SOCKET TO RCA SOCKET

PA2701 30252701

3 X RCA SOCKETS TO 3 X RCA SOCKETS

PA2703 30252703

RCA PLUG TO 2 X RCA SOCKETS

PA4217 30254217

SCART PLUG TO RCA + S-VIDEO SOCKETS - PRO2

- Input - Output mode switch
- 21 pin Scart to RCA & S-Video
- Designed to allow regular RCA, or S-Video leads to connect to a Scart socket and vice versa
- Gold plated connectors

PA4220 30254220

HDMI SOCKET TO DVI PLUG - PRO2

- Connects a DVI-D or DVI-I digital display to a device with an HDMI display output
- Allows HDMI Type A cables to be connected to a device with a DVI-D or DVI-I input
- Supports digital signals only
- Connectors: HDMI Type A Female to DVI-D Single Link Male

PA4270 30254270

HDMI REPEATER - PRO2

- Connect two HDMI cable together and extend the HDMI signal
- Fully supports 1080p HDTV HDCP compliant, DTS, Dolby, 7.1-Channel audio ■ Can make the connection length upto 50 meters

HDMIR2S 30254285

DVI SOCKET TO HDMI PLUG - PRO2

- Gold plated

PA4275 30254275

HDMI SOCKET TO HDMI SOCKET - PRO2

- Extend the length of your HDMI leads
- Size: 34 (W) x 24 (D) x 12 (H) mm

PA4280 30254280

'F' SOCKET TO 'F' SOCKET

- Bulk head mounting

PA5085 30255085

RIGHT ANGLE 'F' PLUG TO 'F' SOCKET

PA5088 30255088

'F' PLUG TO PAL SOCKET

PA5093 30255093

'F' PLUG TO RCA SOCKET

PA5099 30255099

PAL PLUG TO PAL PLUG

PA5101 30255101

PAL PLUG TO PAL SOCKET

PA5117 30255117

PAL PLUG TO 'F' SOCKET

PA5125 30255125

PAL PLUG TO RCA SOCKET

PA5133 30255133

RCA PLUG TO PAL SOCKET

PA5136 30255136

PAL PLUG TO BNC SOCKET

PA5148 30255148

PAL SOCKET TO BNC PLUG

PA5360 30255360

PAL SOCKET TO PAL SOCKET

PA5401 30255401

COAX QUICK JOINER

- Screw terminating

PA5448 30255448

RCA PLUG TO BNC SOCKET

PA5701 30255701

RCA SOCKET TO BNC SOCKET

PA5720 30255720

'F' PLUG TO 'F' SOCKET

- Quick connector

PA5970 30255970

RCA PLUG TO 'F' SOCKET

PA5981 30255981

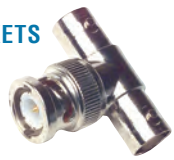
BNC PLUG TO 'F' SOCKET

PA5990 30255990

BNC PLUG TO BNC PLUG

PA6001 30256001

BNC PLUG TO 2 X BNC SOCKETS



PA6032 30256032

BNC PLUG TO UHF SOCKET

PA6048 30256048

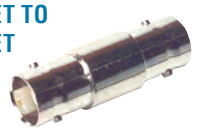
BNC PLUG TO RCA SOCKET

PA6113 30256113

BNC PLUG TO RIGHT ANGLE BNC SOCKET

PA6117 30256117

BNC SOCKET TO BNC SOCKET



PA6401 30256401

BNC SOCKET TO BNC SOCKET PANEL MOUNT

PA6416 30256416

BNC SOCKET TO 2 X BNC SOCKETS

PA6432 30256432

MINI UHF SOCKET TO MINI UHF SOCKET

PA6683 30256683

SMA SOCKET TO SMA SOCKET

NEW

PA6685 30256685

UHF PLUG TO BNC SOCKET

PA6748 30256748

UHF SOCKET TO UHF SOCKET

PA7001 30257001

'N' PLUG TO BNC SOCKET

PA7317 30257317

SCART TO COMPONENT

PA7918 30257918

VGA TO CAT5 VIDEO BALUN

NEW

Transceiver & receiver pair

Transmit VGA signals across a standard UTP or STP Cat-5 cable for distances up to 135 metres. Needs no power.

Specifications:

- Max Distance:
  640 x 480 pixels (15MHz): 135m
  800 x 600 pixels (30MHz): 105m
  1024 x 768 pixels (60MHz): 75m
  1280 x 1024 pixels (100MHz): 60m
- Impedance:
  Input: RGB70 Ohms (DB15 HD) Unbalanced
  Output: RGB 100 Ohms (RJ45 shielded) Balanced
- Size: 110(W) x 77(D) x 24(H) mm

PA7919 30257919

PHONO

2.5MM MONO PLUG
- Sub-miniature plug
- Solder type

PD1001 30361001

2.5MM STEREO PLUG
- Sub-miniature plug
- Solder type

PD1017 30361017

3.5MM MONO PLUG
- Miniature plug
- Solder type

PD1201 30361201

3.5MM MONO PLUG METAL

- Solder type metal plug with spring

PD1232 30361232

3.5MM STEREO PLUG METAL

- Solder type metal plug with spring

PD1238 30361238

3.5MM STEREO PLUG
- Miniature plug
- Solder type

PD1248 30361248

3.5MM STEREO PLUG RIGHT ANGLE
- Solder type

PD1250 30361250

3.5MM STEREO PLUG RIGHT ANGLE

- Gold plated connector
- Cord clamp with solder type connection

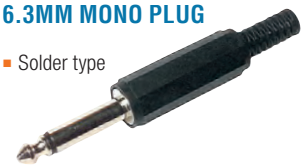
PD1253 30361253

3.5MM 4 CONTACT PLUG

- 4 Contacts for stereo audio & video
- Solder type

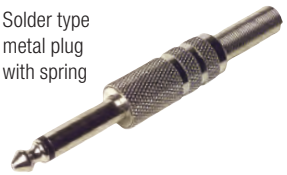
PD1255 30361255

6.3MM MONO PLUG
- Solder type



PD1401 30361401

6.3MM MONO PLUG METAL
- Solder type metal plug with spring



PD1417 30361417

6.3MM PRO MONO PLUG
- Cord clamp with solder type connection

PD1419 30361419

6.3MM PRO MONO PLUG RIGHT ANGLE - AMPHENOL

Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

PD1420 30361420

6.3MM MONO PLUG GOLD

- Solder type metal plug with spring
- Gold plated

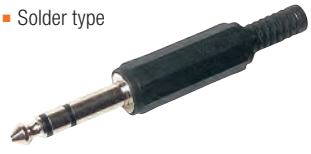
PD1422 30361422

6.3MM MONO PLUG GOLD - AMPHENOL

Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

PD1425 30361425

6.3MM STEREO PLUG
- Solder type



PD1432 30361432

6.3MM STEREO PLUG METAL
- Solder type

PD1449 30361449

6.3MM PRO STEREO PLUG
- Cord clamp with solder type connection

PD1450 30361450

6.3MM STEREO PLUG BLACK BAND

Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

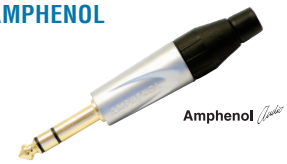
PD1452 30361452

6.3MM STEREO PLUG RED BAND

Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

PD1453 30361453

6.3MM STEREO PLUG GOLD - AMPHENOL



Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

PD1455 30361455

6.3MM STEREO PLUG GOLD RIGHT ANGLE - AMPHENOL

Professional plug with cable clamp, and non roll cord guard
- Gold plated
- Solder type

PD1460 30361460

2.5MM STEREO SOCKET
- Sub-miniature socket
- Solder type

PD1617 30361617

3.5MM MONO SOCKET
- Miniature socket
- Solder type

PD1801 30361801

3.5MM MONO SOCKET METAL
- Solder type

PD1817 30361817

3.5MM STEREO SOCKET
- Solder type

PD1832 30361832

6.3MM MONO SOCKET
- Solder type

PD2001 30362001

6.3MM STEREO SOCKET
- Solder type

PD2017 30362017

6.3MM STEREO SOCKET METAL
- Solder type metal plug with spring

PD2032 30362032

2.5MM MONO PANEL SOCKET
- Sub-miniature
- Closed circuit type
- 3.4mm diameter mounting hole

PD2217 30362217

3.5MM MONO PANEL SOCKET METAL
- Miniature
- Closed circuit type
- 6mm diameter mounting hole

PD2401 30362401

3.5MM STEREO PANEL SOCKET
- Miniature
- Closed circuit type
- 6mm diameter mounting hole

PD2417 30362417

3.5MM STEREO PANEL SOCKET

- Miniature
- Closed circuit type with PCB pins
- 6mm diameter mounting hole

PD2432	30362432

6.3MM MONO PANEL SOCKET OPEN

- Open circuit type
- 9mm diameter mounting hole

PD2601	30362601

6.3MM MONO PANEL SOCKET CLOSED

- Closed circuit type
- 9mm diameter mounting hole

PD2617	30362617

6.3MM STEREO PANEL SOCKET - OPEN

- Open circuit type
- 9mm diameter mounting hole

PD2648	30362648

6.3MM STEREO PANEL SOCKET - CLOSED

- Closed circuit type
- 9mm diameter mounting hole

PD2665	30362665

6.3MM STEREO PANEL SOCKET - ISOLATED

- Fully isolated
- Closed circuit
- 9mm diameter mounting hole

PD2681	30362681

6.3MM STEREO CLOSED

- Closed circuit type
- 9mm diameter mounting hole

PD2697	30362697

6.3MM STEREO PANEL SOCKET - ISOLATED

- Fully isolated
- Closed circuit
- 9mm diameter mounting hole

PD2705	30362705

RCA

RCA PLUGS - PLASTIC

Light duty RCA plugs with screw on plastic cover & cord guard.

- Solder type

PD2901	30362901	●
PD2902	30362902	●
PD2904	30362904	●
PD2905	30362905	●

RCA PLUG RIGHT ANGLE

Screw terminating with flexible cord guard

PD2932	30362932

RCA PLUGS - METAL

Inline metal solder type RCA plugs with spring cord guard.

PD2949	30362949	●
PD2950	30362950	●

RCA PLUGS - METAL GOLD PLATED

Inline metal solder type gold plated RCA plugs with spring cord guard.

PD2952	30362952	●
PD2957	30362957	●

RCA PLUGS - PREMIUM METAL/ BLACK BARREL

- Gold plated ■ Rubber grip
- Teflon insulation
- Cord 4, 5, 6mm Solder type

PD2970	30362970	●
PD2971	30362971	●

RCA PLUGS - PREMIUM METAL > 9MM - NEOTECH

NEOTECH

- Hi-Fi Locking type
- Gold & bright metal plated
- Teflon insulation
- Cord 9.0mm Solder type

PD2980	30362980	●
PD2981	30362981	●

RCA PLUGS - RGB PREMIUM METAL > 6MM

Designed for Component/ RGB leads

- Gold plated
- Colour coded rubber grips
- Cord 6mm

PD2990	30362990	●
PD2995	30362995	●
PD3000	30363000	●

RCA PLUGS - METAL PREMIUM - AMPHENOL

Amphenol

- Stylish compact design
- Gold plated contacts
- Colour coded inserts
- Flexible cable grommet

PD2959	30362959	●
PD2961	30362961	●
PD2963	30362963	○
PD2965	30362965	●
PD2967	30362967	●
PD2969	30362969	●

RCA COMPRESSION GOLD PLUG

NEW

PD3029	30363029	RG6
PD3027	30363027	RG59

RCA SOCKETS - INLINE PLASTIC

Screw on plastic covers with cord guard.

- Solder type

PD3150	30363150	●
PD3151	30363151	●

RCA SOCKETS - INLINE METAL

Gold plated metal with colour ring and cord guard

- Solder type

PD3163	30363163	●
PD3164	30363164	●

RCA SOCKETS - PANEL MOUNT

Gold plated RCA panel mount sockets with colour rings

- Single hole mounting
- Solder type

PD3188	30363188	●
PD3189	30363189	●
PD3192	30363192	●
PD3195	30363195	●
PD3198	30363198	●

RCA SOCKET - PANEL MOUNT METAL

- Single hole mounting
- Solder type

PD3301	30363301	●

RCA D SHELL SOCKETS XLR PANEL MOUNT - AMPHENOL

Amphenol

- Flexible grommet cable protection
- Gold plated contacts ■ RCA jack
- Nickel finish shell ■ 12mm Ø
- XLR "D" type housing

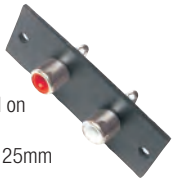
PD3202	30363202	●
PD3204	30363204	●
PD3206	30363206	○
PD3208	30363208	●
PD3210	30363210	●
PD3212	30363212	●

RCA SOCKET BAKELITE 1X

Single socket panel on bakelite plate
- Mounting hole: 20 mm

PD3317	30363317	

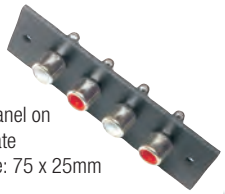
RCA SOCKETS BAKELITE 2X



Twin socket panel on bakelite plate
- Plate size: 45 x 25mm

PD3501	30363501	

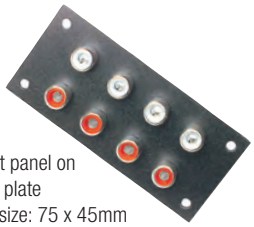
RCA SOCKETS BAKELITE 4X



4 socket panel on bakelite plate
- Plate size: 75 x 25mm

PD3549	30363549	

RCA SOCKETS BAKELITE 8X



8 socket panel on bakelite plate
- Plate size: 75 x 45mm

PD3565	30363565	

BANANA

BANANA PLUGS SOLDER TYPE

4mm banana plugs with spring contacts
- Solder type
- Length: 42mm

PW1361	30971361	●
PW1362	30971362	●

BANANA PLUGS REAR STACKING

4mm rear stacking banana plugs
- Screw terminating type
- Overall length: 54mm

PW1451	30971451	●
PW1452	30971452	●

BANANA PLUGS SIDE STACKING

4mm side stacking banana plugs with spring contacts
- Screw terminating
- Length: 59mm

PW1471	30971471	●
PW1472	30971472	●

BANANA PLUGS REAR STACKING

4mm rear stacking banana plugs with spring contacts.
- Solder terminating
- 3mm Cable entry
- Overall length: 48mm

PW1615	30971615	●
PW1616	30971616	●
PW1617	30971617	●
PW1618	30971618	●

BANANA PLUGS GOLD PLATED

4mm gold plated banana plugs.
- Heavy Duty screw terminating type
- Suit high quality & jumbo type speaker cables
- Length: 48mm

PW1639	30971639	●
PW1640	30971640	●

BANANA SOCKETS PANEL MOUNT

4mm fully insulated banana sockets.
- Solder type.
- Mounting hole: 8.2mm
- Length: 23mm

PW2701	30972701	●
PW2702	30972702	●
PW2703	30972703	●
PW2704	30972704	●
PW2705	30972705	●

BANANA PLUGS - SIDE STACKING - HIRSCHMANN

HIRSCHMANN 4mm side stacking premium banana plugs with flexible push on covers.
- Screw terminating
- Length: 59mm

PW1701	30971701	●
PW1702	30971702	●
PW1703	30971703	●
PW1704	30971704	●
PW1705	30971705	●

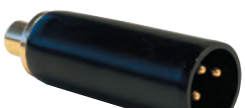
BANANA SOCKETS SHROUDED

HCK 4mm 35 amp sockets for shrouded safety plugs. Two insulated half cradles each with quick tab connectors, can be electrically connected by inserting 4mm plug for internal switching purposes.
- Mounting hole : 12mm
- Length: 38mm

PW2801	30972801	●
PW2802	30972802	●

XLR

XLR PLUG TO RCA SOCKET



6.5mm Plug-XLR Socket Adaptor

PD4846	30364846

3 PIN XLR SOCKET TO 6.3MM STEREO PLUG

3 pin AC3F socket, to 6.3mm phono plug

PD4850	30364850

3 PIN XLR PLUG TO 6.3MM MONO SOCKET

3 pin AC3M plug to 6.3mm phono socket

PD4855	30364855

3 PIN XLR PLUG TO 3 PIN XLR PLUG PREWIRED - AMPHENOL

Cannon Audio adaptor
- Wired type
- 3 pin AC3M plug, to 3 pin AC3M plug

PD4905	30364905

3 PIN XLR SOCKET TO 3 PIN XLR SOCKET PREWIRED - AMPHENOL

Cannon (AXR3-11-11BW) Audio adaptor
- 3pin AC3F socket to 3pin AC3F socket

PD4923	30364923

3 PIN XLR PLUG TO 3 PIN XLR SOCKET - AMPHENOL

Cannon (AXR3-11-12BW) audio adaptor
- 3 pin AC3M Plug to 3 pin AC3F socket

PD4924	30364924

XLR BACKSHELLS - AMPHENOL

Replaces standard black backshell, offers quick identification of microphone and other A/V leads when used in multiple lead situations

- Blue

PD5201	30365201

- Brown

PD5203	30365203

- Green

PD5206	30365206

- Grey

PD5209	30365209

- Orange

PD5211	30365211

- Red

PD5216	30365216

- Violet

PD5218	30365218

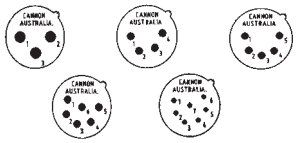
- White

PD5221	30365221

- Yellow

PD5226	30365226

XLR INLINE PLUGS - AMPHENOL



Amphenol audio connectors are chosen for reliability & quiet operation with elimination of mechanical noise & interference.

- Available in Nickel plated, Satin black zinc alloy or Glass filled black polyester.
- '**JAWS**' cable retention system.
- IDC versions can be secured by hand - no soldering required.

3 PIN RIGHT ANGLE XLR PLUG

- Nickel plated finish

PD5300 30365300

3 PIN XLR LINE PLUG HOLLOW PINS

- Nickel plated finish

PD5301 30365301

PIN XLR LINE PLUG SOLID PINS

- Nickel plated finish

PD5302 30365302

3 PIN XLR LINE PLUG METAL

- Satin Black Zinc Alloy

PD5304 30365304

3 PIN XLR LINE PLUG POLYESTER

- Glass filled Black Polyester

PD5305 30365305

3 PIN IDC XLR PLUG POLYESTER

- Glass filled Black Polyester

PD5308 30365308

4 PIN XLR PLUG

- Metal, Nickel Plated

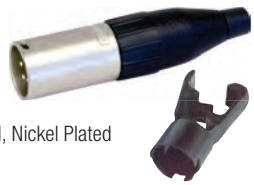
PD5309 30365309

4 PIN XLR LINE PLUG

- Satin Black Zinc Alloy

PD5310 30365310

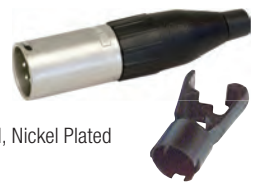
5 PIN XLR LINE PLUG



- Metal, Nickel Plated

PD5311 30365311

6 PIN XLR LINE PLUG



- Metal, Nickel Plated

PD5312 30365312

7 PIN XLR LINE PLUG

- Metal, Nickel Plated

PD5313 30365313

XLR INLINE SOCKETS

3 PIN RIGHT ANGLE XLR SOCKET

- Metal, Nickel Plated

PD5316 30365316

3 PIN XLR LINE SOCKET

- Metal, Nickel Plated

PD5317 30365317

3 PIN XLR LINE SOCKET

- Satin Black Zinc Alloy

PD5320 30365320

3 PIN XLR LINE SOCKET POLYESTER

- Glass filled Black Polyester

PD5323 30365323

3 PIN IDC XLR SOCKET POLYESTER

- Glass filled Black Polyester

PD5329 30365329

4 PIN XLR LINE SOCKET

- Metal, Nickel Plated

PD5332 30365332

4 PIN XLR LINE SOCKET

- Satin Black Zinc Alloy

PD5333 30365333

5 PIN XLR LINE SOCKET

- Metal, Nickel Plated

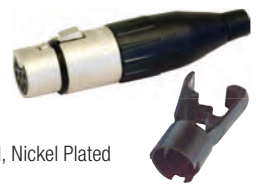
PD5334 30365334

6 PIN XLR LINE SOCKET

- Metal, Nickel Plated

PD5335 30365335

7 PIN XLR LINE SOCKET



- Metal, Nickel Plated

PD5336 30365336

XLR FRONT/REAR MOUNT COMPACT PANEL PLUGS - AMPHENOL

Amphenol XLR panel plugs with small diecast flange for either front or rear mounting.

- Front plate: 31 x 26mm
- Mounting hole: 23mm
- Pin contacts- Nickel plated

3 PIN XLR PANEL PLUG

- Black plastic square
- Glass filled Black Polyester

PD5338 30365338

3 PIN PANEL XLR PLUG

- Metal square
- Metal, Nickel Plated

PD5340 30365340

3 PIN PANEL XLR PLUG

- Black metal square
- Satin Black Zinc Alloy

PD5342 30365342

3 PIN PANEL XLR PLUG

- Black metal square
- Satin Black Zinc Alloy
- Machined pin contacts

PD5346 30365346

4 PIN PANEL XLR PLUG

- Metal square
- Metal, Nickel Plated
- Machined pin contacts

PD5350 30365350

4 PIN PANEL XLR PLUG

- Black metal square
- Satin Black Zinc Alloy
- Machined pin contacts

PD5352 30365352

XLR FRONT MOUNT NARROW FLANGE PANEL PLUGS - AMPHENOL

Amphenol

- Front Plate: 37 x 23mm
- Mounting Hole: 20mm

3 PIN PANEL XLR PLUG

- Metal, Nickel Plated

PD5348 30365348

3 PIN PANEL XLR PLUG

- Satin Black Zinc Alloy

PD5349 30365349

4 PIN PANEL XLR PLUG

- Satin Black Zinc Alloy

PD5355 30365355

4 PIN PANEL XLR PLUG

- Metal, Nickel Plated

PD5356 30365356

5 PIN PANEL XLR PLUG

- Metal, Nickel Plated

PD5357 30365357

XLR FRONT/REAR MOUNT COMPACT PANEL SOCKETS - AMPHENOL

Small die-cast flange for either front or rear panel mounting with latch locking device

Amphenol

- Front Plate: 31 x 26mm
- Mounting hole: 23mm Ø

3 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5360 30365360

3 PIN PANEL XLR SOCKET

- Glass filled Black Polyester

PD5361 30365361

3 PIN PANEL XLR SOCKET

- Satin Black Zinc Alloy

PD5362 30365362

4 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5370 30365370

4 PIN PANEL XLR SOCKET

- Satin Black Zinc Alloy

PD5372 30365372

XLR FRONT MOUNT NARROW FLANGE PANEL SOCKETS - AMPHENOL

Amphenol

- Front Plate: 37 x 27mm
- Mounting Hole: 23mm

3 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5365 30365365

3 PIN PANEL XLR SOCKET

- Satin Black Zinc Alloy

PD5367 30365367

4 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5381 30365381

5 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5383 30365383

6 PIN PANEL XLR SOCKET

- Metal, Nickel Plated

PD5385 30365385

MICROPHONE

SOLDER TYPE PLUGS WITH SOCKET CONTACTS

Multi-contact metal microphone plugs with locking ring and cord grip

- Overall size: 35 x 18mm

2 PIN MICROPHONE PLUG

PD3801 30363801

3 PIN MICROPHONE PLUG

PD3817 30363817

4 PIN MICROPHONE PLUG

PD3832 30363832

5 PIN MICROPHONE PLUG

PD3848 30363848

6 PIN MICROPHONE PLUG

PD3852 30363852

SOLDER TYPE MICROPHONE PANEL SOCKETS

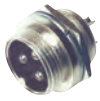
Microphone panel mounting sockets

- Mounting hole: 15mm Diameter

2 PIN MICROPHONE PANEL SOCKET

PD4101 30364101

3 PIN MICROPHONE PANEL SOCKET



PD4117 30364117

4 PIN MICROPHONE PANEL SOCKET

PD4132 30364132

5 PIN MICROPHONE PANEL SOCKET

PD4148 30364148

6 PIN MICROPHONE PANEL SOCKET

PD4152 30364152

8 PIN MICROPHONE PANEL SOCKET

PD4160 30364160

MICROPHONE LINE SOCKETS

Microphone line sockets to suit metal microphone plugs with locking thread and male pin contacts.

- Overall size: 42L x 18mm

3 PIN MICROPHONE LINE SOCKET

PD4183 30364183

4 PIN MICROPHONE LINE SOCKET

PD4184 30364184

RPG TRADE CARD

The RPG Trade Card will provide you with full access to trade prices, special online access to the Radio Parts trade web site and more...

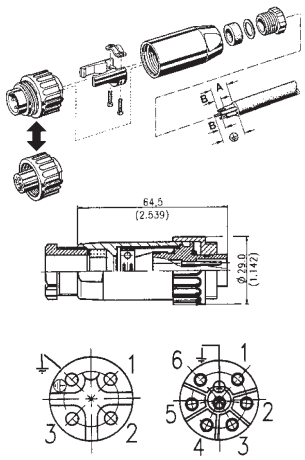
Call our friendly staff on 1800 337 366 for more information

POWER / SIGNAL CONNECTORS

Circular connector designed to meet high requirements of industrial applications under harsh environmental conditions.

- For applications in machine tools, Instrument and control, process technology, medical equipment.
- Housing of high grade plastic, protected against unlocking by thread coupling.
- Protection degree IP67/IEC 529 mated condition
- Internal strain relief with screw clamp
- Pre loaded silver plated socket contacts ■ Line Connectors: 29mm
- Max Cable 9 .0mm

LINE PLUGS & SOCKETS



4PIN LINE PLUG

- Rated 400V,16A
- 4 Pin types: (3 contact + PE)
- Screw termination

PW4304 30974304

7PIN LINE PLUG

- Rated 250V, 10A
- 7 Pin types: (6 contact + PE)
- Solder termination

PW4307 30974307

4PIN LINE SOCKET

- Rated 400V, 16A
- 4 Pin types: (3 contact + PE)
- Screw termination

PW4354 30974354

7PIN LINE SOCKET

- Rated 250V, 10A
- 7 Pin types: (6 contact + PE)
- Solder termination

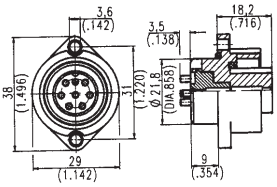
PW4357 30974357

4PIN PANEL SOCKET

- Rated 400V,16A
- 4 Pin types: 3 contact + PE
- Screw termination

PW4454 30974454

7PIN PANEL SOCKET

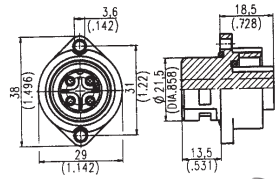


- Rated 250V, 10A
- 7 Pin types: 6 contact + PE
- Solder termination

PW4457 30974457

PANEL PLUGS & SOCKETS

4PIN PANEL PLUG



- Rated 400V, 16A
- 4 Pin types: 3 contact + PE
- Screw termination

PW4404 30974404

7PIN PANEL PLUG

- Rated 250V, 10A
- 7 Pin types 6 contact + PE
- Solder termination

PW4407 30974407

CAPS FOR CIRCULAR CONNECTORS

Plastic dust and moisture cap with retaining cable for the C16 Amphenol Circular connectors.

- Panel plug cap

PW4485 30974485

- Line plug cap

PW4489 30974489

- Panel socket cap

PW4493 30974493

- Line socket cap

PW4496 30974496

SPEAKON CONNECTORS

SPEAKON HD SPEAKER PLUG

A type (and brand) of multi-pin connector developed by Neutrik which is now commonly found on speakers and amplifiers intended to be used in high power mobile applications. They offer a very high quality reliable connection, can handle extremely high power, are very durable, and are relatively low cost. The Speakon 8 has the same footprint as the EP8 connector and the Speakon 4 has the same footprint as XLR "D" type connectors.

Speaker Plug constructed of high quality, durable plastic.

PD4050 30364050

SPEAKON HD SPEAKER SOCKET

Inline speaker connector 4 pole Heavy duty fail-safe with locking ring and 30amp continuous current

PD4055 30364055

PDN SPEAKER CONNECTORS

PDN LINE SOCKET

This range has been specially designed for amplifier to loudspeaker connections. The polarity configuration being POSITIVE, DRAIN, NEGATIVE. Uses '**JAWS**' cable retention system.

- 3 pin solder type line socket

PD5501 30365501

PDN LINE PLUG

- 3 pin solder type line plug

PD5548 30365548

PDN PANEL SOCKET

- 3 pin solder type panel mount socket

PD5512 30365512

PDN PANEL PLUG

- 3 pin solder type panel mount plug

PD5524 30365524

DIN

2 PIN DIN PLUG

- Solder type with push on cover

PD5701 30365701

2 PIN DIN PLUG

- Screw termination type with push on cover

PD5717 30365717

2 PIN DIN SOCKET

- Speaker line socket solder type with push on cover

PD5732 30365732

5 PIN DIN LINE SOCKET

- Solder type
- 180° pin spacing
- Size: 16 x 57L mm

PD6332 30366332

DIN PANEL SOCKETS

2 PIN DIN PANEL

- Speaker panel socket solder type

PD5765 30365765

3 PIN DIN PANEL SOCKET

- Solder type
- 180° pin spacing
- 22mm mounting hole

PD6701 30366701

5 PIN DIN PANEL SOCKET

- Solder type
- 180° pin spacing
- 22mm mounting hole

PD6732 30366732

INLINE DIN PLUGS

- Solder terminations
- Push on flexible covers
- Size: 16mm x 60mm L

3 PIN DIN LINE PLUG

- 180° pin spacing

PD6001 30366001

4 PIN DIN LINE PLUG

- 216° pin spacing

PD6017 30366017

5 PIN DIN LINE PLUG

- 180° pin spacing

PD6032 30366032

5 PIN DIN LINE PLUG

- 270° pin spacing

PD6048 30366048

6 PIN DIN LINE PLUG

- 60° pin spacing

PD6081 30366081

8 PIN DIN LINE PLUG

- 45° pin spacing

PD6113 30366113

MINI DIN PLUGS

Miniature DIN plugs for S-Video connections and more

- Solder type
- Push on covers
- Size: 14 x 50L mm

4 PIN MINI DIN PLUG

- S-video connector
- Plastic

PD6147 30366147

4 PIN MINI DIN METAL PLUG

- S-video connector
- Gold plated
- Plug with bright metal screw-on cover
- Cord diameter 8 to 9mm

PD6148 30366148

5 PIN MINI DIN PLUG

PD6149 30366149

6 PIN MINI DIN PLUG

PD6151 30366151

8 PIN MINI DIN PLUG

PD6155 30366155

3.1MM DC LINE PLUG

- Inner/Outer: 3.1/6.2mm

PW8040 30978040

DC RIGHT ANGLE PLUGS

2.1MM RIGHT ANGLE DC

- Inner/Outer: 2.1/5.5mm

PW8020 30978020

2.5MM RIGHT ANGLE DC

- Inner/Outer: 2.5/5.5mm

PW8024 30978024

DC SOCKETS

Cord extension DC power sockets

2.1MM DC LINE SOCKET

- Inner/Outer: 2.1/5.5mm

PW8053 30978053

2.5MM DC LINE SOCKET

- Inner/Outer: 2.5/5.5mm

PW8054 30978054

DC PANEL SOCKETS

DC low voltage panel sockets, with inbuilt switching circuit.

- Single hole, 13mm nut mount

2.1MM DC PANEL SOCKET

- 2.1mm Diameter Pin

PW8064 30978064

2.5MM DC PANEL SOCKET

- 2.5mm Diameter Pin

PW8067 30978067

AUTOMOTIVE DC PLUGS AND SOCKETS

UNDER DASH LIGHTER SOCKET

Easily mounts under dash with 2 screws (supplied)
Simply clips onto existing wiring with scotch locks (supplied)

UDL01 07053008

DC CAR CIGARETTE LIGHTER PLUG

Cigarette lighter plug with in-built 6A 12V fuse.

- Solder terminating

PW8408 30978408

DC CAR CIGARETTE LIGHTER LINE SOCKET

Cigarette lighter line socket.
- Solder terminating

PW8418 30978418

7 PIN METAL TRAILER SOCKET

Standard 7 Pole surface trailer mounting socket with locking spring loaded flap.

PW8648 30978648

D RANGE

SOLDER TYPE "D" PANEL PLUGS

9 PIN

- Gold plated pins
- 9-Way male plug

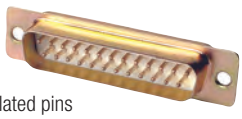
PJ1009 30571009

15 PIN

- Gold plated pins
- 15-Way male plug

PJ1015 30571015

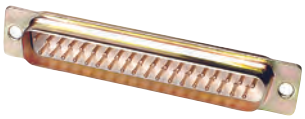
25 PIN



- Gold plated pins
- 25-Way male plug

PJ1025 30571025

37 PIN



- Gold plated pins
- 37-Way male plug

PJ1037 30571037

15 PIN VGA

- 15-Way High density plug with gold pins, for IBM PS2 type computers.
- Mounting Holes: 25mm

PJ1115 30571115

SOLDER TYPE "D" PANEL SOCKETS

9 PIN

- Gold plated pins
- 9-Way female socket

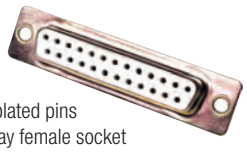
PJ1309 30571309

15 PIN

- Gold plated pins
- 15-Way female socket

PJ1315 30571315

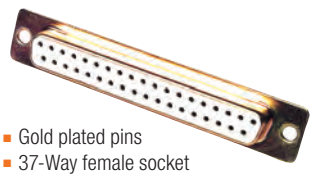
25 PIN



- Gold plated pins
- 25-Way female socket

PJ1325 30571325

DB37 WAY D SOLDER SOCKET



- Gold plated pins
- 37-Way female socket

PJ1337 30571337

15 PIN VGA

- 15-Way High density socket with gold pins, for IBM PS2 type computers.
- Mounting Holes: 25mm

PJ1415 30571415

"D" RANGE IDC CONNECTORS

IDC (Insulation Displacement Connection)
A type of wire termination in which the wire is "punched down" into a metal holder which cuts into the insulation wire and makes contact with the conductor, thus causing the electrical connection to be made.

- Gold contacts for flat ribbon cable, with cable clamp.

9 WAY PLUG

- 9-Way male plug

PJ4009 30574009

15 WAY PLUG

- 15-Way male plug

PJ4015 30574015

25 WAY PLUG

- 25-Way male plug

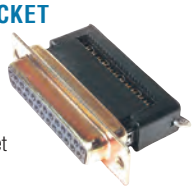
PJ4025 30574025

9 WAY SOCKET

- 9-Way female socket

PJ4409 30574409

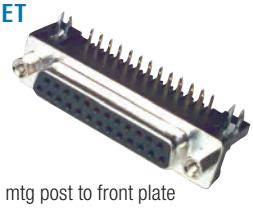
25 WAY SOCKET



- 25-Way female socket

PJ4425 30574425

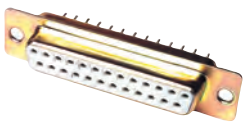
25 WAY RIGHT ANGLED SOCKET



- 8mm mtg post to front plate
- 25-Way female socket

PJ2825 30572825

25 WAY PCB TYPE D SOCKET



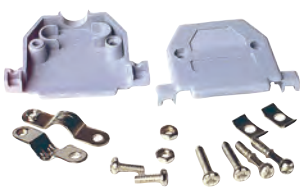
PCB type with gold plated pins
- 25-Way female socket

PJ2025 30572025

"D" RANGE BACKSHELLS

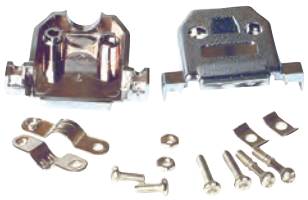
A range of plastic and chrome plated shells ■ Inc. screws and cable clamp

PLASTIC COVER



PJ5001	30575001	9 Way
PJ5017	30575017	15 Way
PJ5032	30575032	25 Way
PJ5048	30575048	37 Way

9 WAY CHROME COVER



PJ5401	30575401	9 Way
PJ5417	30575417	15 Way
PJ5801	30575801	25 Way

"D" RANGE BUSHING

A range of panel mount "D" range bushes for secure connections.
- **In packs of 10**

SHORT BUSHING

PJ6001 30576001

MEDIUM BUSHING

PJ6002 30576002

LONG BUSHING

PJ6003 30576003

"D" RANGE TO MODULAR ADAPTORS

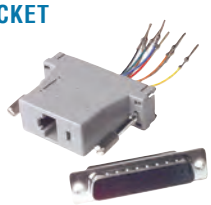
"D" range to RJ45 (8P8C) sockets for network printers etc.
- Solder type

25 PIN "D" PLUG TO RJ45 8P/8C SOCKET

- 25 pin "D" plug to modular 8 pin socket adaptor

PK6001 30636001

25 PIN "D" SOCKET TO RJ45 8P/8C SOCKET



- 25 pin "D" socket to modular 8 pin socket adaptor

PK7001 30637001

9 PIN "D" PLUG TO RJ45 8P/8C SOCKET

- 9 pin "D" plug to modular 8 pin socket adaptor

PK7012 30637012

9 PIN "D" SOCKET TO RJ45 8P/8C SOCKET

- 9 pin "D" socket to modular 8 pin socket adaptor

PK7015 30637015

GENDER BENDERS

PS2 SOCKET TO USB-A PLUG

Allows you to connect your PS2 keyboard to your computers USB Port

PA2300 30252300

USB FEMALE TO PS2 MALE

For use with modern PS2 devices which utilise USB logic

PA2305 30252305

HD15 PIN PLUG TO PLUG

Contacts HD15 Plug-Plug

PJ6617 30576617

DB25 PIN PLUG TO PLUG

Contacts 25W Plug-Plug

PJ6625 30576625

DB9 PIN PLUG TO PLUG

D Range straight through gender changers ■ Contacts 9W Plug-Plug

PJ6609 30576609

DB9 PIN SOCKET TO SOCKET

Contacts 9-Way Socket-Socket

PJ7009 30577009

HD15 PIN SOCKET TO SOCKET

Contacts HD15 Socket-Socket

PJ7017 30577017

DB25 PIN SOCKET TO SOCKET

Contacts 25-Way Socket-Socket

PJ7025 30577025

DB9 PIN PLUG TO DB25

D Range 9 to 25 pin gender changer
- Contacts 25W Socket- 9W Plug

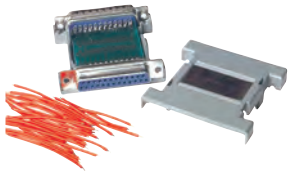
PJ7035 30577035

DB9 PIN SOCKET TO DB25

D Range 9 to 25 pin gender changer
- Contacts 25W Plug-9W Socket

PJ7036 30577036

DB25 PIN SOCKET JUMPER BOX



For custom wiring of RS232 interface. 25 pin plug to 25 pin socket. 20 jumper wires, 48 solder pads, this unit is designed for permanent configuration

PJ7325 30577325

DB25 PIN SOCKET WIRING BOX

25 pin plug to 25 pin socket with 48 re-usable push in spring loaded connectors. Open access for instant re-configuration of pins 2 to 25(pin1 protective ground).

PJ7329 30577329

RS232 NULL MODEM DB25

25 pin plug to socket with transmit & receive data cross connected. The RS232 Null Modem is used when the proper operation of a set of modems is in doubt. Also handy when transmitting or Receiving data between computers.

PJ7525 30577525

RS232 SURGE PROTECTOR

25-pin Plug to 25-pin Socket. Protects Serial port from the possibility of costly damage from large voltage peaks. Metal Oxide Varistors protect pins 2, 3 & 7. The M.O.V's suppress all voltages above 26 volts without affecting normal RS232 voltage levels.

PJ7701 30577701

RS232 TESTER

determine the status of the seven key signals of the RS232 data path. All 25 pins wired through. Bi-Polar LED's report the status with red and green lights to indicate Hi, Low or Open Circuit

PJ8001 30578001

TV

'F' TYPE CRIMP PLUG

- Approved types for Cable TV
- Suits: RG59U Cable

PR0940 30850940

'F' TYPE SNAP-N-SEAL PLUG

Snap-N- Seal "F" plug. Environmentally sealed, Approved type for Cable TV

- Suits: RG59U cable

PR0942 30850942

'F' TYPE TWIST ON PLUG

Suits: RG59 Coaxial Cable

PR0948 30850948

'F' TYPE CRIMP PLUG

- Suits: RG6/RG6 Quad Cable

PR0972 30850972

'F' SEAL CRIMP PLUG

- Suits: RG6 & RG6 Quad Cable

PR0974 30850974

'F' SNAP-N-SEAL PLUG

- Suits: RG6 & RG6 QUAD cable
- (blue ring)

PR0975 30850975

'F' TYPE TWIST ON PLUG

- Suits: RG6 Quad Coaxial Cable

PR0978 30850978

'F' TYPE COMPRESSION PLUG

- PAY TV approved

PR0980 30850980

'F' TYPE 75 OHM TERMINATOR

PR0987 30850987

PAL CRIMP PLUG

- Suits RG6U Cable

PR1300 30851300

PAL CRIMP SOCKET

- Suits RG6U Cable

PR1305 30851305

PAL SCREW TERMINATING PLUG

PR1308 30851308

PAL SCREW TERMINATING SOCKET

PR1317 30851317

RIGHT ANGLE PAL PLUG

- Screw terminating with cord guard

PR1601 30851601

PAL PANEL SOCKET

Diameter: 9.3mm

PR2201 30852201

SURFACE MOUNT TV OUTLET

- PAL Surface Socket
- 75 Co-axial single outlet
- Screw terminating

PR2801 30852801

SURFACE MOUNT TV OUTLET

- Pal Socket to F-Type

PR2803 30852803

SURFACE MOUNT TV OUTLET

- F Socket to F Socket

PR2805 30852805

TV WALL PLATE

- Pal Socket to screw & saddle

PR3401 30853401

TV WALL PLATE PAL

- Pal Socket to screw & saddle HPM

D770/1CXWE 30853717

ARCHITRAVE TV OUTLET

- Pal Socket to screw & saddle HPM

PR3701 30853701

SURFACE MOUNT TV OULET

- Pal Socket to screw & saddle

PR3801 30853801

TV WALL PLATE

- Pal Socket to F Socket

PR3835 30853835

TV WALL PLATE

- F Socket to F Socket

PR3850 30853850

TV & FM WALL PLATE PAL

- Pal Sockets to screw & saddle

PR4605 30854605

BNC PLUGS

RIGHT ANGLE BNC PLUG

- Right angle screw terminating

PG1001 30521001

BNC PLUG TO SUIT RG58C

- BNC plug, solder type

PG1020 30521020

BNC PLUG TO SUIT RG59U

- BNC plug, solder type

PG1021 30521021

BNC CRIMP PLUG

- Suits RG59U cable

PG1038 30521038

BNC CRIMP PLUG

- Suits RG174U cable

PG1050 30521050

BNC CRIMP PLUG TO

- Suits RG58CU cable

PG1064 30521064

BNC CRIMP PLUG TO

- Suits RG6 cable

PG1070 30521070

BNC TWIST ON PLUG

- Suits RG59 Coax

PG1080 30521080

BNC TWIST ON PLUG

- Suits RG6 Coax

PG1090 30521090

BNC RUBBER BOOT

- Suits RG58U cable

PG1200 30521200

BNC INSULATED PANEL SOCKET

PG1303 30521303

BNC CRIMP PANEL SOCKET

- Suits: RG58U cable

PG1310 30521310

BNC CRIMP PANEL SOCKET

- Suits: RG59U/RG62AU cable

PG1313 30521313

BNC BULK HEAD SOCKET

- BNC Bulk head solder type receptacle

PG1317 30521317

BNC CRIMP SOCKET

- Suits RG58CU cable

PG1334 30521334

BNC CRIMP SOCKET TO

- Suits RG59U cable

PG1342 30521342

BNC SOCKET SOLDER

- Suits RG58U/RG58CU cable

PG1346 30521346

BNC 50 OHM TERMINATOR

PG1380 30521380

UHF, N & TNC TYPE CONNECTORS

TNC SOCKET TO TNC SOCKET

PA6624 30256624

TNC CRIMP PLUG

- Suits RG58 50 cable

PG1401 30521401

TNC PLUG SOLDER TYPE

- Suits RG58 50 cable

PG1408 30521408

MINI UHF CRIMP PLUG

PG1607 30521607

UHF PL259 PLUG

- With solder tip
- Suits RG58 50 cable

PG1632 30521632

UHF CRIMP PLUG

- Suits RG58 50 ohm cable

PG1634 30521634

UHF SOLDER PLUG

- Suits RG8 50 ohm cable.

PG1648 30521648

RG8 TO RG58 REDUCER

- Screw in reducer for PG1648 plug

PG1665 30521665

RG8 TO RG59 REDUCER

- Screw in reducer for PG1648 plug

PG1681 30521681

UHF PANEL SOCKET

PG2001 30522001

UHF PANEL SOCKET

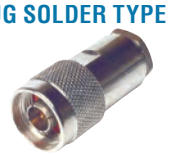
PG2032 30522032

'N' PLUG SOLDER TYPE

- Suits RG58 Coax cable

PG2501 30522501

'N' PLUG SOLDER TYPE



- Suits RG8/9/213 Coax cable

PG2532 30522532

'N' SOCKET SOLDER TYPE

- Suits RG8 Coax cable

PG3025 30523025

MODULAR & USB

TYPE A USB PLUG

PF0010 30410010

TYPE B USB LINE PLUG

PF0015 30410015

TYPE A USB PCB SOCKET

PF0500 30410500

TYPE B USB PCB SOCKET

PF0505 30410505

RJ11 4P4C MODULAR

- 4 Pin - 4P4C (RJ11)

PK3980 30633980

RJ12 6P4C MODULAR

- 4 Pin - 6P4C (RJ12)

PK3988 30633988

RJ12 6P6C MODULAR

- 6 Pin - 6P6C (RJ12)

PK3994 30633994

RJ45 8P8C MODULAR PLUG

- 8 Pin - 8P8C (RJ45) Stranded Conductor

PK4001 30634001

RJ45 8P8C MODULAR PLUG

- 8 Pin - 8P8C (RJ45) Solid Conductor

PK4005 30634005

BLUE RUBBER BOOT

Blue flexible boot protects cable termination from dust, moisture, and breakage ■ To Suit RJ45

PK4010 30634010

HEADER CONNECTORS

10PIN IDC SOCKET

PM1010 30681010

16PIN IDC SOCKET

PM1016 30681016

20PIN IDC SOCKET

PM1020 30681020

26PIN IDC SOCKET

PM1026 30681026

34PIN IDC SOCKET

PM1034 30681034

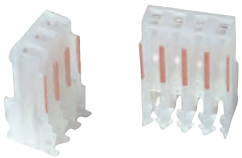
40PIN IDC SOCKET

PM1040 30681040

50PIN IDC SOCKET

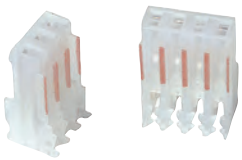
PM1050 30681050

2WAY SOCKET MASCON IDC



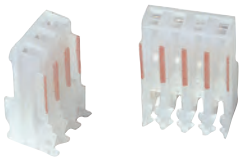
PM4502 30684502

3WAY SOCKET MASCON IDC



PM4503 30684503

4WAY SOCKET MASCON IDC



PM4504 30684504

40W HEADER RPG

PM6740 30686740

16W DUAL ROW HEADER

PM7316 30687316

50W DUAL ROW HEADER

PM7350 30687350

HEADER BLOCK SHORT

PM7701 30687701

IC SOCKETS

PIN IC SOCKETS WITH DUAL WIPE CONTACTS

PW6408	30976408	8 Pin
PW6414	30976414	14 Pin
PW6416	30976416	16 Pin
PW6420	30976420	20 Pin
PW6428	30976428	28 Pin
PW6440	30976440	40 Pin

PIN MACHINED IC SOCKETS

PW6708	30976708	8 Pin
PW6714	30976714	14 Pin
PW6716	30976716	16 Pin
PW6718	30976718	18 Pin
PW6720	30976720	20 Pin
PW6728	30976728	28 Pin
PW6740	30976740	40 Pin

14PIN WIRE WRAP SOCKET

- Wire wrap low profile precision type IC sockets
- With long plated leads

PW7514 30977514 14 Pin

SMA CONNECTORS

SMA RIGHT ANGLE PLUG

PG1609 30521609

SMA INLINE SOCKET

PG1611 30521611

SMA INLINE REVERSE POLARITY PLUG

The hole is on the male, rather than the female. These are widely used for wireless network aerial connections (wireless LAN)

- Suits RG174U cable

PG1613 30521613

SMA INLINE REVERSE POLARITY SOCKET

The pin on the female, rather than the male. These are widely used for wireless network aerial connections (wireless LAN)

- Suits RG174U cable

PG1615 30521615

FME CONNECTORS

FME connectors were originally developed for the European wireless market, but have recently seen an increase in popularity globally. FME connectors are used for mobile antenna applications and can be adapted for either UHF, Mini-UHF, TNC, BNC and n connector interlaces.

FME CRIMP SOCKET

Female connector with gold socket pin

- Suits mobile phone car kits
- Uses RG58 cable

PG3026 30523026

FME CRIMP PLUG

- Male connector with gold pin

PG3027 30523027

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CHEMICALS

ADHESIVES

SUPER GLUE 20ML

Liquid Cyanoacrylate Adhesive, adheres in seconds.
Ideal for repairing: glass, metal, plastics, rubber and most non-porous surfaces.
- 20ml Bottle

SG9000 07520897

TWIN PACK SUPER GLUE 3ML - MAGIC

Convenient Twin Pack (2 x 3ml)
- Bonds in seconds, No clamps, No mess, No mixing
- For use on Metal, Vinyl, Glass, Plastic, Rubber and Ceramics

SG5000T 07521118

ARALDITE 5MIN 24ML - SELLEYS

2 Part 5 Min. Epoxy Resin Fast setting epoxy resin adhesive for bonding metal, glass, ceramics, china, rubber and wood. Sets in 5 min High bond strength in 30 minutes.
- 24ml Syringe

ARL24M5M 07524070

EPOXY SUPER STRENGTH 24ML - MAGIC

Superior strength, transparent, permanent. Sets in 8~10 hours. Dispenser accurately dispenses resin and hardener.
Bonds: glass, metals, ceramics
- 24ml Syringe

EPOXYSS 07524085

SUPERGLUE REMOVER 10ML - MAGIC

Break Bonds To Reglue Them. Cleans Up Excess Glue & Removes Glue From Skin. Removes quickly and safely all types of instant cyanoacrylate glues. Contains no acetone.
- 10ml Bottle

SGREM10 07521101

SUPER GLUE BRUSH 4GM - MAGIC

No spillage bottle. Brush on, no mess, bonds in seconds. Will bond metals, most plastics, rubber, ceramics, vinyl and most non-porous surfaces.
- 4g Bottle

SGB4 07521120

ARALDITE 5MIN 200ML - SELLEYS

2 Part 5 Min. Epoxy Resin Fast setting epoxy resin adhesive for bonding metal, glass, ceramics, china, rubber and wood. Sets in 5 min High bond strength in 30 minutes.
- 200ml Tubes

ARL200M5M 07524078

GEL GRIP ADHESIVE 40GM - SELLEYS

A high strength thixotropic Contact Adhesive for brush or scraper application without dripping or "stringing". Ideal for vertical surfaces. Used for bonding laminated plastic sheeting, floor tiles, lino .& rubber.
- 40g Tube

GEL40G 07524440

GAP FILLING SUPER GLUE 10ML - MAGIC

A non-whitening, medium viscosity, super glue that, although fast setting will fill small gaps.
- Gap Filling
- Non-Whitening
- High Clarity
- Quick Setting
- 10ml Bottle

SGGAP10 07521109

SUPER GLUE PEN 2ML - MAGIC

General purpose super glue in a unique applicator which allows the glue out one drop at a time.
- No Drip
- No Clog
- Comes Out One Drop At A Time
- Use To The Last Drop (No Waste)
- 2ml Tube

SGPEN12 07521121

EPOXY GLUE 5MIN 6ML - MAGIC

Transparent, Quick setting, Non-shrinking, waterproof, superior strength, permanent. Accurately dispenses resin and hardener. Bonds: glass, metals, ceramics, wood
- 6ml syringe

EPOXY6 07524081

KWIKGRIP ADHESIVE TUBES - SELLEYS

Contact adhesive (Solvent Based) bonds with pressure. Ideal for use on laminated plastics, rubber, metal, leather, canvas, cork and hardboard.

KWIK50	07524536	50ml
KWIK100	07524544	100ml

SUPER GLUE 3ML - MAGIC

General purpose super glue for everyday use. Will bond metals most plastics, rubber, ceramics, vinyl and most non-porous surfaces.
- Bonds in seconds
- No Clamps No mess
- 3ml Tube

SG5000 07521117

ARALDITE SUPER STRENGTH 24ML - SELLEYS

2 Part Epoxy Waterproof, heat-resisting epoxy resin adhesive for bonding metal, glass, ceramics, porcelain and rubber. Sets in 6-8 hours at 20C High bond strength 3 days.
- 24ml Syringe

ARL24MSS 07524050

EPOXY GLUE 5MIN 24ML - MAGIC

Transparent, Quick setting, Non-shrinking, waterproof, superior strength, permanent.
- Accurately dispenses resin and hardener. Bonds: glass, metals, ceramics, wood
- 24ml Syringe

EPOXY24 07524082

SUPAGLUE FIX N GO 3ML - SELLEYS

Fix 'N' Go Bonds in seconds. Bonds metal, rubber, plastics and most non-porous surfaces.
- No mixing
- Fast curing
- No clamps
- 3ml Tube

SUPA30 07526730

SUPAGLUE QUICKFIX GEL 3GM - SELLEYS

Great for all types of household repairs. The thick gel consistency means repairs with no mess.

- Non drip gel
- 3 grams
- Requires no mixing
- Strong bond in seconds
- Drys clear
- China, paper, metal, wood, rubber, most plastics, leather

QTP3G 07526741

MULTI GRIP SUPER STRONG 30ML - SELLEYS

Super Strong. Fast Drying. Bonds almost everything. Metals, plastics, canvas, timber, crockery, fabric, vinyl, rubber. Dries clear, Water resistant. Will NOT bond Polyethylene or Polypropylene.

- 30ml Tube

MG30ML 07527257

INSTANT CYANOCRYLATE ADHESIVES

Cyanocrylate adhesives offer a major advantage over other types of adhesive systems. They are a single component adhesive, fast curing at room temperature, solvent free and resistant to many environmental factors.

- One part adhesive
- Solvent free
- Fast curing at room temperature
- High Tensile shear strength

ADHESIVE RUBBER TO PLASTIC 20GM

- Surpasses most other types of adhesives for bonding rubbers.

8401-20G 07527504

ADHESIVE METAL TO METAL 20GM

- Ideal for bonding rubbers, magnets, metals and plastics.

8480-20G 07527505

CLEANERS

ISOPROPYL ALCOHOL

99.8+% pure, anhydrous isopropanol (IPA) is a powerful general purpose cleaner. Excellent for tape head cleaning, removal of fluxes, light oils, polar soils, organic and ionic residues. Can be safely used on through-hole and surface mount boards, hybrids, cables, connectors and bare boards as well as a fibre optic cleaning solvent.

- Non-ozone depleting
- Rapidly evaporating
- Zero residue
- Non-corrosive

Use with 5161 chamois cleaning sticks for excellent results.

ISOPROPYL ALCOHOL 45ML

- 45ml Bottle

ISO57 07520100

ISOPROPYL ALCOHOL 250ML

- 250ml Bottle

ISO56 07520106

ISOPROPYL DRUM 5LT - CHEMTOOLS

- 5lt drum

ISO5L 07520109

ISOPROPYL DRUM 20LT - CHEMTOOLS

- 20lt drum

ISO20L 07520111

GLASS CLEANER 500GM - CRC

The professional formula foams quickly to remove dirt, grime, grease, finger prints and smoke haze from all surfaces. Professional strength formula is guaranteed safe to use on:

- Glass
- Perspex
- Plexiglass
- Mirrors
- Marble Benchtops
- 500g Can

3070CRC 07520121

ELECTRICAL CONTACT 175GM - RF

Non CFC solvents and contact treatment oil with exceptional penetrating and cleaning properties. Ideal for cleaning and lubricating non-arcing contacts and mechanisms, particularly where oils & grease have previously been used. The solvents dissolve old oil and grease and leave a thin film of contact treatment oil to prevent oxidation and reduce wear.

- 175g Can

RF64 07520123

SWITCH CLEANER LUBRICANT 300GM - CRC

Provides the single operation of both cleaning and lubricating sensitive switches and contacts. The special solvents chemically dissolve and quickly clean away oil, grease, dust & atmospheric contaminants, then evaporate to leave a thin protective lubricant.

- 300g Can

2001CRC 07520125

CLEANING SOLVENT 175GM - RF

Premium quality, fast drying non-toxic solvent of high purity, for use on delicate electronic, electrical and precision mechanical assemblies.

- 175g Can

RF58 07520128

CO CONTACT CLEANER 150GM - CRC

A mild but effective blend of high quality precision cleaning solvents that are 100% free of CFC's. Ideal for applications where low-flash point solvents may be used, evaporating rapidly and completely and wont harm sensitive plastics.

- Ensures optimal contact between all conducting and mating surfaces.
- 150g Can

2015CRC 07520129

CO CONTACT CLEANER 350GM - CRC

A mild but effective blend of high quality precision cleaning solvents that are 100% free of CFC's. Ideal for applications where low-flash point solvents may be used, evaporating rapidly and completely and wont harm sensitive plastics.

- Ensures optimal contact between all conducting and mating surfaces.
- 350g Can

2016CRC 07520130

NF CONTACT CLEANER 400GM - CRC

A technically proven stable, non-flammable, inert high purity solvent.

- High purity formula evaporates rapidly
- Instantly removes grease, oil, dirt, flux and other contaminants
- Non-conductive and non-corrosive
- Applications: PC boards, connectors, motors & contacts, etc.
- 400g Can

2017CRC 07520131

LECTRA CLEAN 400GM - CRC

Non-Flammable, electric motor and equipment cleaner and degreaser. Effectively removes grease, oil, wax, dirt and other contaminants from motors and parts.

- No Flash or fire points
- Quick Drying
- Does not contain Carbon Tetra Chloride, Silicones, CFC 113
- 400g Spray can

2018CRC 07520209

J

ELECTRICAL PARTS CLEANER 400GM - CRC

Flammable, non-chlorinated solvent cleaner.
Quick drying, parts cleaner for particular use on heavy electrical equipment. Ideal for use on electric motors, generator and transformer windings, electrical parts, etc. Swiftly and effectively degreases, removes oil, dirt, wax and other foreign matter without leaving a residue.
- 400g Spray Can

2019CRC 07520210

ELECT. CLEANER SOLVENT 225GM - CHEMTOOLS

Electric Cleaning Solvent
Thoroughly and effectively clean all electronic equipment and PCBs to a perfectly dry and residue free surface.
- Non-ozone depleting
- Safe on most plastics
- Stops corrosion
- Ideal for PCBs, tape heads, business machines, and electronic components
- Rapid evaporation
- 225g Can

ECS225 07520425

LUBRICANT

2-26 LUBRICANT 150GM - CRC

Displaces moisture, seals out moisture, prevents corrosion, cleans, lubricates, penetrates. Prevents 80% of all electrical failures, as most electrical failures are caused by moisture or corrosion.
- 150g Can

6 in 1 product:
- Moisture Eliminator
- Moisture Barrier
- Lubricant
- Penetrant
- Protector
- Cleaner

2004CRC 07520161

RP7 LUBRICANT 300GM - SELLEYS

The multi-purpose penetrating spray for household, auto, marine, industrial and building use. Helps start wet engines, protects against rust, eliminates squeaks, loosens nuts and bolts, releases rusted locks.
- 350g Can

RP7 07526173

DUST OFF 250GM - RF

Pure high pressure gas for removal of dust and other debris from electronics, electrical, photographic and computing equipment, printer mechanisms fans, copiers etc.
- 250g Can

RF67 07520395

CONTACT CLEAN LUBRICANT 225GM - CHEMTOOLS

Contact Clean Lubricant
Ideal for situations where a contact cleaner with lubrication that offers long-term protection from oxidation is required.
- Non-ozone depleting
- Safe on most plastics
- Rapidly evaporating
- Non-corrosive
- 225g Can

CC225 07520430

2-26 LUBRICANT 450GM - CRC

Displaces moisture, seals out moisture, prevents corrosion, cleans, lubricates, penetrates. Prevents 80% of all electrical failures, as most electrical failures are caused by moisture or corrosion. ■ 450g Can

6 in 1 product:
- Moisture Eliminator
- Moisture Barrier
- Lubricant ■ Penetrant
- Protector ■ Cleaner

2005CRC 07520162

5-56 LUBRICANT 400GM - CRC

- Extremely versatile
- Contains No Silicones
- Total Maintenance for Automotive & household
- Multi-purpose with power that breaks through rust and corrosion while it cleans away scale and dirt. Lubricates, silences & protects metals against corrosion and displaces moisture to help start wet engines. ■ 400g Can

5005CRC 07526175

AIR BRUSH 300GM - CRC

A dry multi-purpose cleaner for the safe removal of dust and lint form all delicate precision equipment. Powerful burst of compressed gas eliminates the need for compressors, electricity or compressed air supplies.
- Ideal for: Keyboards, P.C. boards, lenses, computers etc.
- 300g Can

2066CRC 07520400

ISOPROPANOL ALCOHOL 225GM - CHEMTOOLS

Isopropanol IPA 99.8% Pure
99.8% pure, anhydrous isopropanol (IPA), a powerful general purpose cleaner.
- Non-ozone depleting
- Safe on most plastics
- Rapidly evaporating
- Zero residue
- Non-corrosive
- Excellent tape head cleaner
- 225g Can

ISO225 07520435

SILICONE LUBRICANT 300G - CRC

A high-quality multi-purpose formula. Lubricates, waterproofs, and protects with a thin clear film that is non-corrosive, non-staining. Low surface tension permitting better coverage and deeper penetration. Excellent dielectric strength, viscosity that remains relatively stable from 40°C to +260°C. Superior lubricity for metal to non-metal surfaces.
- Non hardening ■ 300g

2094CRC 07520231

AIR DUSTER 175GM - CHEMTOOLS

Air Duster High Velocity
- Ideal for use on keyboards, printers and PCBs
- Remove dust from hard to reach areas
- Very high pressure
- Constant stable pressure
- Chemically inert
- Non-Ozone depleting
- 175g Can

DSTF175 07520420

FLUX REMOVER 175GM - RF

Quality blend of solvents for removing solder flux and contaminants from electronic circuit boards. Recommended for cleaning electrical mechanisms and delicate components.
- 175g Can

RF65 07520833

EZY GLIDE DRY LUBRICANT 150GM - SELLEYS

A dry non-oily lubricant that provides a highly slippery coating to the surfaces it is sprayed on. Drys clear, long lasting and will not attract dirt or dust. Frees sticking windows, drawers, doors, zippers, locks etc.
Also suitable for wood, leather and other absorbent surfaces.
- 150g Can

EZYG150 07524318

LUBRICANTS

Lubricants perform the following key functions:
- Keep moving parts apart
- Reduce friction
- Transfer heat
- Carry away contaminants & debris
- Transmit power
- Protect against wear
- Prevent corrosion

A lubricant (colloquially, lube) is a substance (often a liquid) introduced between two moving surfaces to reduce the friction and wear between them.

A lubricant provides a protective film which allows for two touching surfaces to be separated and "smoothed," thus lessening the friction between them. Lubricants chemically interact with all surfaces so that contact only occurs with the smooth and free lubricant. By this process, abrasive particles are dissolved into the lubricant, thus making them also very good solvents and cleaners.

SERVICE

PROTECTANT CRC 500ML - CRC

Specially formulated to renew and protect vinyl, rubber, plastic, leather and wood from the penetration of ultra violet rays. Gives long lasting maximum U.V. protection, penetrating right into the pores of the material helping to form a protective film on and under the surface ■ 500ml Spray

5041CRC 07520068

808 SILICON SPRAY 330GM - CRC

Clear multi-purpose enhancer provides a thin, durable, clear, odourless film that revives, lubricates, waterproofs and protects without leaving marks or stains. Ideal for use on all surfaces; metals, plastic, rubber, vinyl, fibreglass, fabrics, wood, and paint surfaces. Repels water, oils, adhesives, inks and paints.
An excellent mould release.
■ 330g NET in a 500ml can

3055CRC 07520117

LECTRA SHIELD 300GM - CRC

Forms a transparent amber film that dries to touch in one or two hours. Does not become brittle, craze or crack. Provides excellent protection through extreme temperature ranges. When completely cured it exhibits minimum porosity, seals out moisture and other contaminants. Lectra-Shield will not attack plastic, rubber, paint or insulation materials. ■ 300g Can

2031CRC 07520214

URETHANE SEALCOAT CLEAR 340GM - CRC

An excellent adhering one-component polyurethane coating.
Mar & abrasion resistant insulation acts as a protective film for electrical and electronic applications. Stable single component polyurethane coating dries fast, adheres well & forms a hard, durable, flexible & non conductive film. Resists shocks, abrasion, salt, air, humidity & aggressive chemical atmospheres. ■ 340g Can

2049CRC 07520247

LIQUID ELECTRICAL TAPE 28GM

NEW

Electrical tape & thread locker - Black
Can be used instead of insulation tape. Simply apply and it will insulate and seal out moisture. Once dry, it is acid & salt resistant and won't crack, peel or harden even under extreme conditions.
■ Sealing joints and components
■ Ideal for sealing wire terminations
■ Seals out moisture & prevents vibration damage on pc boards
■ 28g tube

LET28 07526180

THREADLOCKER MEDIUM STRENGTH 10GM

Fast curing anaerobic adhesive. Ideal for bonding and sealing threads and the retaining of cylindrical parts.
■ Ideal for threadlocking plated parts, vibration or moving components.
■ Ideal for fasteners between 6 to 20mm
■ Locks and seals threaded nuts, screws and studs
■ Meets military specifications
■ 10gm bottle

NEW

8243-10 07527515

SCREWDRIVER HELPER 14GM

Just apply a drop or two of Screwdriver Helper to instantly help remove or tighten screws with stripped heads. This unique formula dramatically increases torque preventing your tool from slipping off a damaged screw head. Used regularly, Screwdriver Helper will extend the life of your tools and prevent screw heads from being damaged.
■ 14G bottle

NEW

SDH14 07527520

ZINC-IT COATING 350GM - CRC

Zinc rich compound with a special epoxy binder contains 95% of highest purity Zinc in the dried film. It fuses directly to a clean iron, steel or aluminium surface through electrochemical action and presents hard protection against corrosion. Ideal for: Transmission Towers, Transformers, Power Generation Equipment, Structural Steel, Trailers, Roofs, etc. ■ 350g Can

2085CRC 07520273

CIRCUIT BOARD LACQUER 175GM - RF

Premium quality flexible coating to protect electronic circuit boards from high humidity and environmental attack. Can be soldered through to allow component replacement. Conforms to international specifications.
■ 175g Can

RF61 07520315

PLASTICOTE70 300GM - CRC

Protects printed circuit boards from current creepage and short circuits. The transparent acrylic insulating film is resistant to diluted acids, alkalines, alcohol and humidity. Resists high temperatures. Temperatures range: -70°C ~ +120°C
■ 300g Can

2043CRC 07520320

HEAT SINK COMPOUND 10ML

Non-toxic Non-silicone heat transfer compound, in handy use to use applicator, exhibits high thermal conductivity, non creep, suitable for use with power diodes, transistors and other devices
■ 10ml Syringe

RF010 07520860

HEAT TRANSFER COMPOUND 10GM - UNICK

Maintains a positive heat sink seal that improves heat transfer from the device to chassis, thereby increasing overall efficiency of the device ■ 10g Tube

SHC010 07520861

HEAT TRANSFER COMPOUND 150GM - UNICK

Maintains a positive heat sink seal that improves heat transfer from the device to chassis, thereby increasing overall efficiency of the device.
■ 150g Tube

SHC150 07520862

FREEZING SPRAY 250GM - RF

Non- corrosive freezing spray for rapidly cooling electronic components to detect thermal faults, also useful for shrink fitting mechanical assemblies. Testing and repairing thermal-sensitive devices
■ 250g Can

RF59 07521804

ANTISTATIC FREEZER 250GM - CHEMTOOLS

Anti-Static Freezer
A rapidly evaporating HFC-134a product that contains an anti-static agent and exceeds military specs of -40°C.
■ Non-Flammable
■ Non-Ozone depleting
■ Chills to -52°C (-62°F)
■ Zero residue
■ Anti-Static agent
■ 250g Can

FRZ250 07520415

FREEZE SPRAY 300GM - CRC

Multi-purpose dry coolant spray for maintenance, trouble shooting & repair. Isolates circuits or components while testing for heat-induced failures. Protects sensitive components from high temps during soldering and desoldering and aids in the assembly of tight fitting mechanical parts, helps locate hairline cracks in PC boards. ■ 300g Can

2039CRC 07521806

BUTANE GAS REFILL 200GM - WELLER

High quality butane gas refill now with special nozzle designed to suit Weller gas irons. Easier and more efficient to use, also saves wasting gas.
■ Recommended for use with Weller Pyropens and Weller Portasols.
■ 200g Can

BT200G 07521892

SEALANTS

732 TUBES 139ML - SILASTIC

Ideal for pipes, vents, flues, ducting, etc. 100% Silicone Rubber. Bonds to metal, glass, rubber, painted surfaces, ceramics, non-oily wood, most plastics. Cures to a durable flexible rubber when exposed to moisture in the air. Has excellent resistance to weathering, vibration, moisture, ozone, ultra-violet, temperature extremes (-65°C to +232°C) and many chemicals. Can be used in applications where direct food contact is likely.

- 150g Tubes

S732WH	07520519	White
S732BL	07520801	Black
S732CL	07520803	Clear

732 CLEAR CARTRIDGE 310GM - SILASTIC

Ideal for pipes, vents, flues, ducting, etc. 100% Silicone Rubber. Bonds to metal, glass, rubber, painted surfaces, ceramics, non-oily wood, most plastics.

- 310g cartridge

S732CLCT	07520808

738 ELECTRICAL SEALANT 85GM - SILASTIC

Seals electrical connections, PCB's, insulates terminals, leads and splices.100% silicone rubber No objectionable odour. Non corrosive by-products

- Waterproof
- -65°F to 392°F (-54°C to 200°C)
- 85g tube

SL738DC	07520821

ALL CLEAR SEALANT 90GM - SELLEYS

Universal co-polymer sealant, adheres to most building materials, stone, brick, cement etc.
Works on many wet surfaces. Gives a long lasting seal. Mould and mildew resistant, paintable.

- 90g Tube

ALLS90	07526190

ALL CLEAR SEALANT CARTRIDGE 270GM - SELLEYS

Universal co-polymer sealant, adheres to most building materials, stone, brick, cement etc.
Works on many wet surfaces. Gives a long lasting seal. Mould and mildew resistant, paintable.

- 270g cartridge

ALLS270	07526201

FIRE EXTINGUISHER

FIRE EXTINGUISHER 1KG

Homeguard Fire Extinguisher (Class A I B I E)

- Suitable for use on Class A, B, E fires
- 1.0 kg dry powder
- Ideal for use in vehicles, boats, caravans, homes, and garages
- Fire rating: 1A:20B:E
- 6 year warranty
- Australian standards approved
- Rechargeable and lightweight
- Metal mounting bracket included
- Metal inspection tag included
- Environmentally friendly
- Pressure gauge

Fire Classes:

- Class A: Class A fires involve common combustibles such as wood, cloth, paper, rubber, and plastics
- Class B: Liquids, oils, solvents, grease, tars, petrol, and other oil-based products
- Class E: energised electrical equipment such as wiring machinery & appliances

HGFX100	07522010

ADHESIVE TAPES

DOUBLE SIDED FOAM TAPE 2.6M

- 18mm wide
- 2.6m long

General purpose mounting. Conforms to a variety of surfaces.

07096	07526660

PVC TAPES 20M - NITTO

20 Metre Rolls of very high quality, flexible PVC tape with uniform adhesive coating. Individually wrapped.

- Width:19mm
- Thickness: 0.2 mm

PT21BLK	42450334	Black
PT21WHI	42450335	White
PT21BLU	42450336	Blue
PT21YEL	42450337	Yellow
PT21RED	42450338	Red
PT21GRN	42450339	Green
PT21GRN/YEL	42450340	Green Yellow

4.8MMX4.5MT GAFFER TAPE - STYLUS

4.5 Metre roll of black 48mm wide waterproof adhesive cloth tape.

361GT	42452006

GAFFER CLOTH TAPE - NASHUA

Polyethylene coated cloth duct tape, 50mm wide, coloured black, with a very aggressive natural rubber-resin blend adhesive system. Excellent resistance to tear and water resistant.

- Tensile: 40 lbs/in
- Thickness: 13mm

357GT	42452001	Black 40m
357GTW	42452002	White 40m
357A	42452004	Black 10m

SILVER SEAL TAPE - STYLUS

Silver heavy duty PVC Tape

- 48mm Wide x 30 Metres.
- Ideal for larger jobs where standard PVC tape is inadequate.

For: Sealing ducts, General repairing. Keep a roll in the workshop ready for use on any unforeseen occasions.

550-13	42452015

PACKING TAPE CLEAR

Clear polypropylene tape with rubber solvent adhesive designed for heavy duty packing.

- Thickness: 30 micron
- Width: 50mm
- Length: 75 meters

PP30	42452030

PACKING TAPE DISPENSER

High quality pistol grip dispenser, heavy duty construction designed for every day use.
Note: Tape is not supplied with the dispenser

TD11	42452035

ANTI-STATIC

ANTI STATIC WRIST STRAP

Provides a permanent path to ground preventing unsafe voltage levels being generated during ordinary work related movements.

AWS32R	40082017

ANTI STATIC WORK MAT

Made from resistant and stable conductive material.

- Flat, smooth upper surface and dense sponge rubber base
- Snap connector at end of mat allow for right or left handed operators
- Connector and coiled lead supplied
- Dimensions: 600 x 600 x 3mm

KL914	40083001

SOLDERING

IRONS

6W BATTERY POWERED - WELLER

Weller Battery Powered Cordless Soldering Iron
- Suitable uses include service repair on small parts and components, automotive micro electronics, small appliances, model railroads, and hobby work
- Develops 6 watts of power and 480°C tip temperature to handle standard duty applications
- Super-fast heat up. Heats to working temperature in less than 15 seconds
- Completes over 120 solder joints with fresh batteries
- Long lasting nickel plated copper conical shape tip
- Protective Auto shut-off when the cap is replaced
- Kit contains battery powered cordless soldering iron, safety cap, 3 AA batteries, lead free solder & tip tool

BP645A	38571555

PRO SERIES BATTERY POWERED SOLDERING IRON - WELLER

NEW

- Heats up to working temperature in under 15sec
- White LED light illuminates working surface
- Dual power (hi/lo) indicated by red and green LEDs
- Co-moulded grip for a comfortable feel
- Protective safety cap
- Perfect for field service repair on small parts and components
- Includes iron, 2 tips, 4 AA batteries, lead free solder, and tip wrench

BP860MPA	38571557

COLD HEAT SOLDERING - WELLER

- Quick: the soldering tool heats instantly
- Safe: cools quickly and red "in use" light indicates good contact
- Portable: Cordless - powered by 5 AA alkaline batteries (not included)
- Long-life: 700+ joints per set of batteries
- Designed for the serious hobbyist and professional
- Bright white LED to illuminate your work area
- High-low power switch makes it perfect for small or large jobs
- Comes standard with the CHT3 chisel tip

CHT100	38571560

25W SOLDERING IRON

Great for small jobs, the home handyman and students
- Stainless Steel Barrel ■ Pretinned Copper Tip
- Ideal For Printed Circuits ■ Lightweight

RD7393B	38495000

MINISCOPE SOLDERING IRON - SCOPE

For Light to Medium Duty
- Wattage: 10 ~ 70W
- Adjustable heat 200°C ~ 500°C whilst soldering
- Fast heating: 200°C in 5 seconds
- Requires Scope PSU Transformer (see page J-10)

MSB	38532064

SUPER SPEED ADJUSTABLE - SCOPE

Maintenance & Repair Iron
- Wattage: 20W ~ 100W
- Adjustable heat 200°C ~ 500°C whilst soldering
- Fast heating, 200°C in 5 seconds
- Requires Scope PSU transformer

SSB	38532032

12V SOLDERING IRON - SCOPE

- Wattage: 30W ~ 150W
- 12 Volt Iron version of Super Speed with 6 metre lead and battery clips, operates from car or tractor batteries

HIB	38532080

MAXIMA SERIES SOLDERING IRONS - SCOPE

- Long life plated tip
- Anti-Roll handle
- Stainless steel barrel

MH25 | 25W
- Ideal for PCBs, ICs and electronics

MH40 | 40W
- Suited for light electrical parts.

MH25	38532084
MH40	38532086

SOLDERING IRONS - NICHOLSON

- Replaceable conical tip and a cool grip handle
- Comes complete with a screwdriver tip and soldering iron stand.

N25D | 25W LIGHT DUTY	N40D | 40W MEDIUM DUTY	N80D | 80W HEAVY DUTY
N25D	38571350	
N40D	38571355	
N80D	38571360	

SOLDERING IRONS, MARKSMAN SERIES - WELLER

- Fine quality iron ■ Stainless steel barrel
- Featherweight iron with pencil handle
- Heat and impact resistant handle
- Soldering iron rest included

SP15D | 15W IRON
- 178mm long
- Ideal for hobbies, kits and radios
- MT05 2mm diameter replaceable nickel-plated copper tip

SP25D | 25W IRON (750°F/400°C)
- 210mm long
- Featherweight iron with pencil handle
- Ideal for hobbies, kits and radios
- MT1 3mm diameter replaceable nickel-plated copper tip

SP40D | 40W IRON (Develops 900°F/482°C)
- 210mm long
- Ideal for hobby and electronic work
- MT10 10mm diameter replaceable nickel-plated copper tip

SP80D | 80W IRON (900°F/482°C)
- 247mm long
- Ideal for hobby work, stained glass & minor repairs
- MT20 10mm diameter replaceable nickel-plated copper tip

SP15D	38571240
SP25D	38571256
SP40D	38571273
SP80D	38571301

J

20W SOLDERING IRON TEMPERATURE CONTROLLED

Professional quality soldering iron with 370°C fixed temperature high efficiency patented heating element.
- Heater output: 20Watts
- Iron clad, chrome plated and long life interchangeable tips
- Supplied with 1.6mm T2424 tip.

T2420	38497805

60W SOLDERING IRON - WELLER

- Line voltage high quality portable tool controlled output and temperature
- Weller closed loop method of controlling max. tip temperature protects temperature sensitive components
- Iron features stainless steel modular plug-in heater construction for greater soldering efficiency
- Nominal heat-up time w/CT5AA7 tip = 110 seconds
- Includes CT5AA7, 700F 1.6m m Bevel tip

W60D	38571501

100W SOLDERING IRON - WELLER

- Line voltage high quality portable tool... controlled output and temperature
- Weller closed loop method of controlling max. tip temperature protects temperature sensitive components
- Iron features stainless steel modular plug-in heater construction for greater soldering efficiency
- Nominal heat-up time w/CT6E8 tip = 110 seconds
- Comes with CT6E8, 800F, 6. 3mm Chisel tip
- IMPORTANT: Use only Weller CT6 series tips

W100D	38571550

MAXIMA SERIES SOLDERING KIT - SCOPE

8 piece Soldering Kit:
- 100 Watt/240V soldering gun
- 25 Watt/240V soldering iron
- Solder wire ■ Soldering helper (helping hands)
- Soldering aide ■ De-solder pump
- Extra soldering gun tip Stand for soldering iron

SK3000	38571010

SOLDERING STATIONS

ZD929 SERIES SOLDERING STATIONS - DOSS

These professional electronic temperature controlled soldering stations have been developed to meet the present and future needs of the electronics industry. They incorporate a sophisticated electronic circuit which enables the user to change the tip temperature from 320F (160C) to 900F (480C) without the need to change the tip or the heating element. The temperature is maintained within ±10°F of its preset temperature.
This is made possible by an unique temperature sensor that is located near the tip. Resulting in rapid response and little temperature variation. The tip of the unit is isolated from the AC line by a transformer. Completely electronic switching protects voltage and current sensitive components against transient spikes sometimes caused by other units utilising mechanical switching circuits.
- Burn resistant cord ■ Sponge and Iron holder
- Professional quality temperature controlled unit
- Voltage Supply: 230V AC ~ 110V AC
- Iron Voltage: 24V AC

40W ANALOGUE SOLDERING STATION - DOSS

For spares, see page J-10

This unit incorporates a linear LED array readout which accurately indicates the temperature of the tip.
- Adjustable temperature control equivalent to 40 Watts (150~420°C)
- Multi coloured LED
- Dimensions: 96 x 116 x 170mm WHD

ZD929B	38571660

48W DIGITAL SOLDERING STATION - DOSS

ZD929C with Digital Display
Digital LED temperature readout which accurately indicates the temperature of the tip.
- Adjustable temperature control equivalent to 48W (160 ~ 480°C)
- Set/Read temperature switch
- Accurate digital temperature display
- °C/°F digital display switch
- Soldering Iron Length: 198mm
- Station: L 170 x W 116 x H 96 mm

ZD929C	38571665

48W SOLDERING STATION WITH DIGITAL DISPLAY - DOSS

NEW

48W
150°-450°C

A high quality soldering station with digital temperature setting controls and digital display. The DOSS temperature controlled soldering station is an ideal tool for any professional who wants complete control.

- Regulate and adjust the temperature using the handy set buttons in 1° C or 10° C increments. The multifunction status LCD will display relevant operational messages with audible alerts.
- 48 Watt power
- 150° ~ 450° C adjustable temperature range (1° C or 10° C increments)
- 5 din soldering iron connector socket
- Retractable sponge tray
- Mains fuse: 1A
- T1 A250 V (50x20mm glass pipe)
- Dimensions: 185 x 150 x 100 mm
- Warranty: 12 month

ZD931	38571728

80W SOLDERING STATION - WELLER

Ideal for production line soldering
Features three front panel "radio buttons" and two "up/down" scroll keys that allow you to perform quick, simple programming or pre-set frequently used temperature settings.
- Operator lockout feature, secured by a 3-digit code
- 80W soldering iron ideal for lead-free solder
- Unique silver heating element and tip configuration
- Low-mass LT Series tips have faster recovery times
- Temperature range of 150-850°F ±9°F, is ESD-safe to protect sensitive components, and meets or exceeds all applicable MIL-STD and commercial soldering iron specifications (MIL-STD-2000, IPC-610, J-STD, etc.).
- Detachable 80W soldering iron with LTB (.094" chisel) tip
- 4-position tilt stand for iron ■ Tip-cleaning sponge

WD1000	38571724

40W LOW VOLTAGE SOLDERING STATIONS - WELLER

- Soldering Station - 40W/230V - Digital
- 3.5mm straight nickel tip ■ LED optical
- Ergonomic contoured handled
- Hot-iron holder ■ Tip-cleaning sponge
- 40W, 18V low voltage ■ Connector for iron lead
- Temperature control dial (200°C-450°)
- Meets Australian and European safety and approval

WHS40	38571625	
WHS40D	38571640	Digital display

42W SOLDERING STATION - WELLER

- Transformer powered soldering station complete with macro style, 42W 24V low voltage, temperature controlled soldering iron fitted with 1.6mm 700˚C PTA7 tip
- Special closed loop method of controlling maximum tip temperature to protect temperature sensitive components
- Detachable stand clips onto either left or right side of station case
- Stand features a wick fed sponge
- Tip voltage to ground 0.1 Volts P-P
- Recovery time from 100˚C drop (PTA7) is 11 seconds

WTCPTD	38571649

50W TEMPERATURE CONTROLLED STATION - WELLER

50 watts of controlled power ideal for continuous production soldering.

- Analogue temperature control
- Temperature lockout
- Temperature range: 150˚C ~ 450˚C
- Quick heat-up and temperature recovery
- Slim, comfortable hand piece - reduces operator fatigue
- ESD Safe to protect sensitive components
- ET-series soldering tips

WES51D	38571712

GAS SOLDER

GAS SOLDERING IRON KIT

- Butane Gas Powered
- Easy Refillable
- Portable, cordless & lightweight
- Adjustable Flame Controller
- Easy and Safe to Operate
- Folding Stand
- Built-in Safety Lock
- Gas Level Window
- Soldering Tip for up to 400°C
- Hot Blow Tip for up to 500°C
- Blow Torch Tip for up to 1300°C

Applications: Electrical/Electronics repair - Hobby & Household jobs - Automotive/Aviation service repairs - Plumbing works - Shrink tubing - Laboratory use etc.

Specifications:

- Operating Time: 90 minutes
- Gas Capacity: 8ml
- Size: 180 x 35 x 28mm
- Weight: 100g

HT873	38497880

NEEDLE TIP SUIT HT873

MTT007	38497888

- Needle Tip Replacement

DOUBLE TIP SUIT HT873

- Double Flat Tip Replacement

MTT009	38497892

GAS SOLDERING IRON - IRODA

- 30-70W Power Range
- Cap with built-in Ignitor
- Built-in wire stand
- Window in gas tank for easy monitoring of gas level
- Approximate operating time - 30min (at mid setting)
- Approximate Temperature range - 210-400°C

T2595	38498500

POCKET GAS POWERED BLOW TORCH

Great for outdoor activities, camping, sailing, light welding, soldering, heat shrink tubing, handyman activities and more!

- Capable of generating a heat flame at 1300°C ideal for many uses
- Protective Nozzle
- Safety Lock Screw
- Refilling Nozzle
- Lock Switch for handsfree operation
- Flame Control and Adjustment

TSA120	38498515

GAS SOLDERING IRON - WELLER

Butane Gas Soldering Iron And Hot Air Tool

- One hand operation for: self ignition - heat level adjust & press off
- Safety cap ensures unit cant be accidentally switched on
- Temperature control Equiv: 15W to 60W
- Housing for soldering tip or hot blow nozzle
- 1 hour (Approx) between refills
- 30 Second heat up
- Butane gas refill nozzle
- Overall length: 210mm

For spares see page J-11

WSTA6	38571595

GAS SOLDERING IRON - WELLER

- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas
- Tank holds gas for 90 minute operation
- Safety cut-off switch when cap replaced
- Flint-spark ignitor in cap
- Ideal for a wide variety of soldering and desoldering jobs at work or at home
- Adjustable temperature control regulates the power (the equivalent of 10-60 watts)
- Develops 850°F/454°C
- Optional accessories convert the P1C into a soldering iron, blow torch, hot blower and hot knife

P1C	38571572

PORTASOL GAS SOLDERING - WELLER

- Professional quality Portasol heat tool
- Ideal f or service technicians to solder, heat shrink and cut rope
- Butane fuel level is visible through a window on the body of the tool
- Built-in fuel filter reduces contaminated fuel problems
- Auto switch safety shut off on cap
- Operates up to 2 hours per refill
- Temperature is fully adjustable 25 - 125W
- Maximum temperature of 1076 F/580C
- Kit contains PSI 100 Iron, Sponge, Stand and 2.4mm Double Flat, Hot Blower, 4.8mm double flat, Hot Knife in a Rugged storage case
- Full instructions

PSI100K	38571580

GAS SOLDERING IRON

The Weller P2KC portasol® butane cordless soldering tool from Weller® gives you the ultimate in portable power and convenience for all your soldering jobs. Slide the fuel button forward, press the piezo switch and the tool's super-fast heat-up lets you melt solder in under a minute. The Portasol® cordless soldering tool is powerful too, adjusting from the equivalent of 25 to 75 watts for temperatures up to 850°F.

- Automatic safety fuel cut-off when cap is replaced
- 3/32" double flat soldering tip
- Flame tip ■ Hot knife tip ■ Hot air tip
- Hot air deflector tip ■ Sponge and tray
- Weller storage case

P2KC	38571575

PYROPEN GAS SOLDERING - WELLER

PROFESSIONAL MODEL

Portable Soldering Iron and Hot Air Tool in Deluxe Kit

- Ignites with the push of a button
- Lightweight and completely portable
- Ready to use in 30 seconds
- Ideal for field service jobs
- Sturdy metal tank holds enough gas for three hours of operation
- Does not require cords, batteries or cartridges
- Variable temperature: 482°F-932°F/250°C-500°C
- 14 soldering tip combinations available
- Inactive hot air nozzles for low temperature heat (1202°F/650°C) are available
- Refills with butane lighter gas

Kit contains:

- 3.0mm tip ■ Hot air tip 5.7mm ■ Spanner
- Metal carry case with tip tray rest & accessory bag

WPA2	38571605

BUTANE MICRO FLAME TORCH - BERNZOMATIC

- 3 in 1 micro flame torch for multiple applications
- Micro flame for light detailed work
- Easy to use trigger start
- Run-lock button for continuous use
- Removable solder tip and hot blower
- Comfort grip handle with refill valve
- Refillable for convenience

ST2200T	38498585

DESOLDERING

DESOLDER GUN

A strong pump and high temperature range (350-500C) for quick solder removal. Convenient thumb adjustment lever for conversion from solder suction to hot blow for SMD devices. Removes solder cleanly from multi-layer boards. The diaphragm pump, motor, and temperature control circuit are built into the handle. A compact one-piece unit which can also be used as a hot air tool

- Long tip design eliminates tip clogging, special tip plating for prolonged tip life
- Time to max vacuum 0.1 sec
- Temp: 350°C to 500°C
- Filter remains clear of flux and solder longer
- Zero cross switching
- Vacuum to reach 650mm Hg
- 100 Watt ceramic heater & sensor feedback heater
- Hot blow max: 400 C

SC7000Z	38492018

TIPS FOR SC7000Z

Tips to suit the SX7000Z desoldering gun.

SC0.8MM	38492219	0.8mm tip
SC1.0MM	38492235	1.0mm tip
SC1.5MM	38492251	1.5mm tip

ACCESSORIES TO SUIT SC7000Z

CLEANING PIN

5000-51	38492379

FILTER CARTRIDGE SET SC7 (PK5)

FCSC75	38492584

DESOLDERING PUMP DOSS

NEW

- Shaft protection ■ Powerful spring
- One-touch simple dismantle system
- High air-tight ring ■ Nozzle cleaning shaft
- Heat resistant teflon nozzle

ZD-193	38613920

DESOLDERING PUMP METAL

Easy one hand operation for fast, efficient desoldering

- Alloy Aluminium body with Anti-static tip
- Double o-ring piston seals for maximum suction

08-366A	38613935

ANTISTATIC TIP TO SUIT 08-366A

SRT366A	38613950

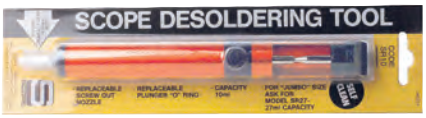
DESOLDERING PUMP

Plastic bodied desolder pump. Compact design offers full efficiency and hi-vacuum force, ideal for clearing circuit boards in rework situations as well as field repairs.

- Easy one hand operation
- Size: 200mm Long x 28mm Diameter

PK-366J	38613936

DESOLDERING PUMP - SCOPE



- Scope spring loaded anodised aluminium desolder tool with push button trigger
- Double o-ring piston ■ Easy one hand loading
- 10ml suction capacity

SR10	38614001

SOLDER REMOVING NOZZLE FOR SR10

SR10N	38614017

DESOLDERING PUMP EDSYN

LOW ANTI-STATIC MODEL

- Heavy Duty Spring loaded tool with simple push button trigger
- High suction due to large suction chamber
- Easy one hand loading, and suction activation
- Self cleaning replaceable teflon low static tip
- Size: Overall length: 300mm x 40mm

DS017LS	38614510

ANTISTATIC TIP FOR DS017LS

LS197	38614515

SOLDER BLOTTERS

- In convenient dispenser
- Avoid burnt fingers with wind back dispenser
- Heat resistant metal nozzle locates tape positively on components
- Length: 2 metres

SB2	38615795	Width: 2mm
SB3	38615801	Width: 3mm

SODER WICK BRAIDS

Soder-Wick®, the original desoldering braid, provides the easiest, most cost-effective method of desoldering. "Fine-Braid®" provides good wicking action while its heat sinking characteristics protect sensitive components and circuits. Pure white rosin flux protects braid and provides contaminant-free desoldering, leaving oxide-free connections with no halogens.

Meets qualitative requirements in these specifications and NASA publications:

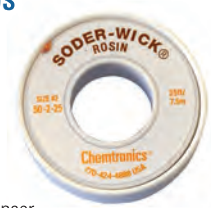
- MIL-F-14256E & F, Type R and Type RMA
- NASA NPC 200-4 Quality Publication
- NASA SP-5002 Soldering Electrical Connections
- NASA NHB5300.4 (3A-1) Reliability and Quality

SODER WICK BRAIDS 1.5M

- In convenient plastic dispenser
- New finer braid for faster action, prevents component damage
- Greater operator comfort
- Holds more solder
- Ideal for low temperature, low wattage irons
- Leaves less flux & residue
- Length: 1.5 Metres

80-1-5	38616001	0.9mm - White
80-2-5	38616008	1.5mm - Yellow
80-3-5	38616016	1.9mm - Green
80-4-5	38616024	2.8mm - Blue

SODER WICK BRAIDS 7.5M



- Economical way to buy Soder Wick
- Convenient plastic dispenser
- New finer braid for faster action, prevents component damage
- Greater operator comfort
- Holds more solder
- Ideal for low temperature, low wattage soldering irons
- Leaves less flux & residue
- Length: 7.5 Metres

50-1-25	38616050	0.9mm - White
50-2-25	38616055	1.5mm - Yellow
50-3-25	38616060	1.9mm - Green
50-4-25	38616065	2.8mm - Blue

DOSS SPARES

Genuine spares for DOSS ZD Series professional soldering stations

SPARE TIPS

Genuine DOSS tips suit ZD-929B and ZD-929C

TIP0.8 TIP1 TIP2 TIP3

TIP0.8	38571662	0.8mm conical
TIP1	38571661	1mm conical
TIP2	38571663	2mm screwdriver
TIP3	38571664	3mm flat

HEATER TO SUIT ZD929 SERIES

24V AC Heater Assembly that suits the DOSS ZD929 Series soldering stations

HEV24V	38571667

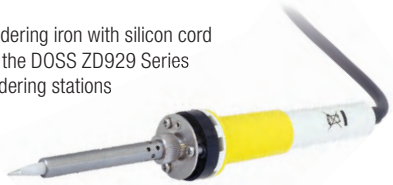
BARREL TO SUIT ZD929 SERIES

Tip holder barrel that suits the DOSS ZD929 Series soldering stations

B100	38571668

SPARE PENCIL FOR ZD929B

Soldering iron with silicon cord for the DOSS ZD929 Series soldering stations



SP929	38571669

SPARE PENCIL FOR ZD931

Soldering iron with silicon cord for the DOSS ZD931 soldering station.

- 4 pin connector socket

SP931	38571671

SCOPE SPARES

PSU TRANSFORMER

Scope ssb iron & psu transformer, a handy portable soldering station.

- 240V AC to 3.3 Volts
- Specially designed transformer with intergrated stand suits Scope Super Speed & Mini Scope soldering irons

PSU3.3	38532480

MINI SCOPE SPARES

MS21 MS23 MS35

MS26A

MS22

MS34

MS21	38532752	Copper tip
MS22	38532768	Stainless barrel
MS23	38532800	Carbon element
MS26A	38532832	Push rod assembly
MS34	38532928	Half handle
MS35	38532944	Centre piece

SUPER SCOPE SPARES

SS1A SS1B SS3 SS5

SS6A SS2

SS8

SS11B

SS1A	38532496	Standard tip
SS1B	38532512	Instrument tip
SS2	38532528	Stainless barrel
SS3	38532544	Carbon element
SS5	38532576	Ceramic bead
SS6A	38532592	Push rod assembly
SS8	38532624	Flex lead
SS11B	38532672	Handle - complete

J

WELLER SPARES

SOLDERING PENCIL

Soldering Pencil with PTA7 tip
Suits: WTCPS, WTCPT, WTCPD
Manufactured pre 2000.
(Note: Pin out is different to TC201B)

TC201	38571401

WTCPTD SPARES

SOLDERING PENCIL

TC201B soldering iron only
Soldering Pencil with PTA7 tip
- Suits WTCPTD soldering station
- 42 Watt I 24V

TC201B	38571402

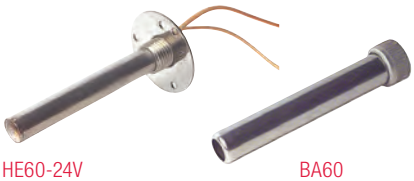
HANDLE SPARES

TC203

TC369A

TC203	38573417	Handle & lead
TC369A	38575328	Plug & socket set

BARREL SPARES



HE60-24V BA60

SW60D

- Barrel spares to suit WTCP series

HE60-24V	38575296	Heater element
BA60	38575248	Barrel & nut
SW60D	38575280	Switch assembly

REPLACEMENT SPONGE

- Replacement tip cleaning sponge to suit WTCP series

TC205	38573432

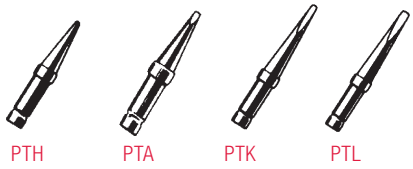
FUSE TO SUIT WTCPT

- Replacement fuse to suit WTCP series

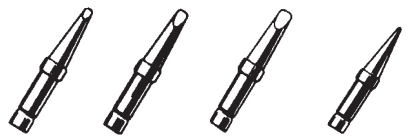
TC210	38571653

WTCP SERIES TIPS

Genuine iron clad Weller PT series tips with tip temperature indicator on base.



PTH PTA PTK PTL



PTAA PTBB PTCC PTP

Screwdriver Tips		
PTH7	38574432	0.8mm - 370°C
PTH8	38574448	0.8mm - 430°C
PTA7	38573512	1.6mm - 370°C
PTA8	38573528	1.6mm - 430°C
Long Screwdriver Tips		
PTK7	38574496	1.2mm - 371°C
PTK8	38574512	1.2mm - 427°C
PTL8	38574648	2.0mm - 427°C
Spade Driver Tips		
PTAA7	38573560	1.6mm - 370°C
PTAA8	38573576	1.6mm - 430°C
PTBB7	38573728	2.4mm - 370°C
PTBB8	38573744	2.4mm - 430°C
PTCC8	38573912	3.2mm - 430°C
Conical Tips		
PTP7	38574816	0.8mm - 370°C
PTP8	38574832	0.8mm - 427°C

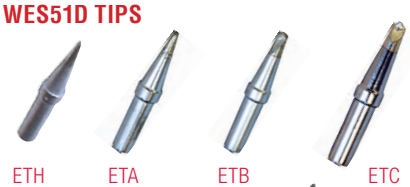
WES51D SPARES

SOLDERING PENCIL

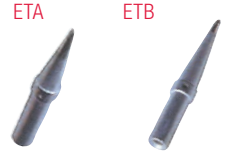
- Replacement soldering iron
- 24V - 40 Watt with ETA tip

EC1201A	38571407

WES51D TIPS



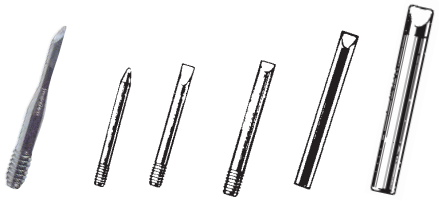
ETH ETA ETB ETC



ETS ETP

Screwdriver Tips		
ETH	38573058	0.8mm
ETA	38573050	1.6mm
ETB	38573052	2.4mm
ETC	38573054	3.2mm
ETK	38573070	1.4mm long
Conical Tips		
ETS	38573068	0.4mm long
ETP	38573060	0.8mm

MARKSMAN SERIES SPARES

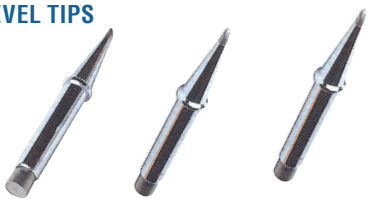


MT05 MT1 MT2 MT3 MT4 MTG20

SP15D Tips (2 pack)		
MT05	38573115	2mm spade
SP25D Tips (2 pack)		
MT1	38573120	4mm conical
MT2	38573136	4mm screwdriver
MT3	38573152	4mm chisel
MT4	38573168	4mm spade
SP40D Tips (2 pack)		
MT10	38573272	6mm chisel
SP80D Tips (Each)		
MTG20	38573288	10mm driver

W60D SPARES

BEVEL TIPS



CT5AA7 CT5CC7 CT5AA8

CT Series High Performance Tips

CT5AA7	38575616	1.6mm - 371°C
CT5CC7	38575648	3.2mm - 371°C
CT5AA8	38575696	1.6mm - 430°C

WES51D SPARES

WELLER SPARE PENCIL

Soldering pencil for WES51 soldering station
- Voltage 24 V
- Wattage 50 W
- Temperature Range: 350°F to 850°F
- Supplied Tips ETA

PES51	38576302

Weller®

Weller® is inspired by ongoing technological developments to create soldering products that are innovative and designed for the future. Customers throughout the world recognize Weller's expertise in Soldering and Desoldering

Weller RT soldering tips are known for their very short heat-up time. The underlying technology features the integration of the heating element and thermo sensor into the soldering tip. This combination provides a perfect and immediate temperature stability. The sensor is reacting immediately even under load and provides the tip with the needed energy.
Enhanced productivity is the result.

WELLER GAS SPARES

PSI100K SPARES

SINGLE FLAT TIPS

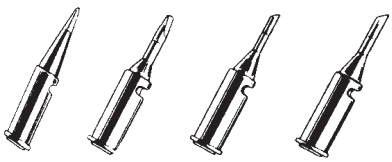
PSI1	38574980	1mm
PSI2	38574982	2.4mm
PSI3	38574984	3.2mm
PSI4	38574986	4.8mm

WPA2 SPARES

8003 9004U 9007

8003TH	38574855	Tip Housing
9004U	38574865	Burner
9007E	38574872	Ejector

WPA2 TIPS



WPT1 WPT2 WPT3 WPT9

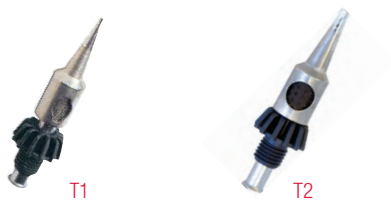
WPT1	38574950	Taper Needle
WPT2	38574952	2mm Chisel
WPT3	38574954	2mm Spade
WPT9	38574966	3mm Spade

WSTA6 SPARES

WPT01 WPT02 9107U

WPT01	38574974	1mm needle tip
WPT02	38574975	2.4mm chisel tip
9107U	38574973	Burner ejector

P1C SPARES



T1 T2

T1	38574840	1mm tip
T2	38574842	2mm tip

ACCESSORIES

15ML FLUX NO RESIDUE

- No Residue Flux
- Suitable for SMT & Thru-hole applications
- Class 3 UN # 1993
- 15ml bottle

X3308I 38410005

15ML RMA FLUX

- RMA Flux
- Suitable for SMT & Thru-hole applications
- Class 3 UN # 1993
- 15ml bottle

MFR301 38410010

FLUX PEN 10ML

- Mini Fluxer
- Flux for assembly rework and touch up
- Depressable tip to start flow of flux
- Contents: 10ml

X33S-07I 38410012

CONDUCTIVE PENS

Conductive silver traces, jumpers and shielding in a pen

- Makes instant fine line conductive silver traces
- Dries in minutes at room temperature
- Valved pen tip for easy application
- Can be soldered at low temperature

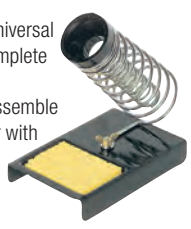
CW2200STP	38410020	Standard tip
CW2200MTP	38410025	Micro tip

SOLDERING IRON STAND

- Heavy cast base with sponge & sponge tray insert
- Screw in safety spring iron holder, suits irons up to 28mm at base of barrel
- Dimensions: (WHD): 80 x 110 x 105m m

ST11 38615190

SOLDERING IRON STAND



- Compact and convenient universal metal based iron holder complete with sponge
- Easy to assemble and disassemble
- Double safety spring holder with insulated soldering iron ferrule

08-362 38615793

SOLDER

MULTICORE 60/40 SOLDER - WELLER

Ersin Multicore is solder in the form of a continuous wire with 5 cores of extra-active, non-corrosive Ersin flux running throughout its length. This increases its fluxing action. Ersin flux not only removes surface oxides, but prevents them reforming during soldering. The thinner diameters of 0.71m m and 0.355mm are especially useful in the soldering of miniature components and the interconnection of integrated circuits.

29250MCS	38411190	250g 0.355mm Ø
18250MCS	38411040	250g 1.25mm Ø
16250MCS	38410849	250g 1.6mm Ø
22500MCS	38411120	500g 0.71mm Ø
18500MCS	38411056	500g 1.25mm Ø

LEAD FREE TIP TINNER/ CLEANER 15GM

NEW

A speedy and effective product for cleaning & re-tinning de-wetted soldering iron tips that cannot be re-tinned by sponges, pads or rosin cored solder wire. Suitable for both lead & lead free application.

- Self-adhesive pad on the underside so that it can be readily affixed to any convenient surface.
- 15gr container

MC751T 38411309

RPG TRADE CARD

The RPG Trade Card will provide you with full access to trade prices, special online access to the Radio Parts trade web site and more...

RPG TRADE RADIO PARTS GROUP Electronics & Components TC00000

Applying for an RPG Trade Card is easy. There is only one condition for retaining your card: Spend $500 or more annually. That's all there is to it. Here is how to apply for your very own RPG Trade Card:

- Fill out the online form at: http://www.wintal.com.au/rpg/tradecard.html
- Download the PDF form at: http://wintal.com.au/rpg/tc_form.pdf
- Visit Radio Parts Group and fill out the form in-store

Call our friendly staff at 1800 337 366 for more information

LEAD FREE SOLDERS

NEW

Ersin Multicore is solder in the form of a continuous wire w ith 5 cores of extra-active, non-corrosive Ersin flux runnin g throughout its length. This increases its fluxing action. Ersin flux not only removes surface oxides, but prevents the m reforming during soldering.

Lead free solder features:

- Does not contain silver or bismuth
- Eutectic alloy
- Bridge-free and icicle-free soldering
- Smooth, bright, well-formed fillets, free of gross micro-cracks, irrespective of the cooling rate
- Good through-hole penetration
- Good topside fillet formation
- Dross rate equal or lower than tin-lead solder
- Does not require a nitrogen atmosphere
- Does not erode copper from holes, pads and tracks
- Low rate of copper leaching makes it easy to control the copper content of the solder bath
- Lower aggressiveness to stainless steel and other solder pot materials as compared to tin-silver-copper alloys
- Thermal fatigue resistance and creep strength better than tin-lead
- Slow, even growth of the intermetallic layer at the solder/substrate interface
- Also performs well in selective and dip soldering

LF0.56-250G	38411325	250g 0.56mm Ø
LF0.71-500G	38411330	500g 0.71mm Ø
LF1.22-500G	38411335	500g 1.22mm Ø

LEAD FREE SOLDER

WHY HAS IT BECOME MAINSTREAM?

In the 1990's, a problem was revealed that lead (Pb) contained in soldering materials (such as Sn-Pb) of waste electronic components was melted away by acid rain and contaminated groundwater.

Since then, the study of lead-free solder has been pursued. The use of lead-free solder has become mainstream due to the increasing global trend in environmental issues such as the RoHS directive

- Contains tin, copper, silver, and sometimes bismuth, indium, zinc, antimony, and other metals in varying amounts
- In general, the melting point of lead-free solder is 20°C to 45°C higher than conventional eutectic solder

SOLDERING STATION COMPATIBLE WITH LEAD FREE SOLDER

WELLER: WD1000AU

TOOLS

ALIGNING

ALIGNMENT SET

For the electronics technician, a complete set of alignment and adjustment tools

- Each tool has multi uses with two functional ends
- Assorted screw driver tips enable you to align cores that require flat-bladed, hex, or square trimming tools

08-606	50080985

ALLEN KEYS

9PC METRIX HEX KEY SET - CRESCENT

- 9 Piece nylon folding hex key wrench set
- 1.5, 2, 2.5, 3, 3.5, 4, 5, 5.5, 6 mm
- High quality, durable construction

CHKM9	50161037

9PC IMPERIAL HEX KEY SET - CRESCENT

- 9 Piece nylon folding hex key wrench set
- 1/16, 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 7/32, 1/4 inch
- High quality, durable construction

CHKI9	50161040

METRIC ALLEN KEYS

- 10 Piece Allen key set on ring, keys attached to ring by spiral springs, individual keys can easily be removed & reattached. Available in:
- Metric Set: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, 8.0, & 10mm or:
- SAE Set: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8 inch

08233K	50161032

CRIMPERS & COMPRESSION

RATCHET CRIMPER FRAME

- Ergonomic Super Crimp Tool
- Lower handle force 40 to 50%
- Interchangeable Die sets for a wide range of applications (Available Separately)
- Ratchet crimp action provides repeatable and reliable terminations
- Crimp release provides operator safety
- Pressure adjustment for actuation force
- Dies change quickly with a screwdriver, providing versatility in a single tool

1PK3003F	50402085

INTERCHANGEABLE DIE SETS FOR 1PK3003F

6P6C RJ11 Modular Die Set

- For RJ-11 two, four and six position modular plugs

D1211	50402088

8P8C RJ45 Modular Die Set

- For RJ-45, eight position keyed or non-keyed modular plugs (excluding AMP)

D1245	50402090

22-10 AWG insulated terminals

- Colour coded nests

D1	50402092

RG58/59/62 BNC/TNC Coax Connectors

- (HEX, 0.255, 0.213, 0.068)

D15	50402094

RG59, RG6, RG8281, F-Type CATV Connectors

- (Hex 0.350, 0.320, 0.255)

D10CR	50402096

N-Series and RG8/11 connectors

- (Hex, 0.429, 0.100, 0.080)

D6	50402097

RG6/59 CRIMP TOOL

- Heavy duty manual hex crimper
- Hex size crimps: 8.2mm (RG59), 9.12mm (RG6)
- Reliable operation, non adjustable type with solid head
- Length: 225mm

HT-106H	50401450

BOOTLACE PIN CRIMPER

Low cost manual plier type crimper for boot lace pins and un-insulated end sleeves 0.5 ~ 2.5mm².
- Spring opening action
- Length: 145mm ■ 160g

HNKE6 **50401805**

MULTI-PURPOSE CRIMP TOOL

For un-insulated lugs and terminals 1.5 to 6mm² and pre-insulated 1.5 to 6mm², including a wire cutter, bolt cutter and wire stripper. This tool has a spring opening action to ease use.
- Length: 235mm ■ Weight: 240g

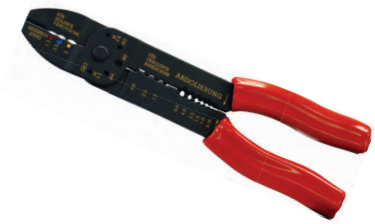
K10-4 **50401882**

HEAVY DUTY RATCHET CRIMP TOOL

Crimps copper lugs and un-insulated terminals 1.5 ~ 16mm².
- Releasable ratchet
- Length: 280mm ■ 459g

K26 **50401900**

COMBINATION CRIMP TOOL



For pre-insulated red, blue and yellow terminals and brass terminals 1.5mm² ~ 6.0mm². Low cost tool has jaws for roll crimping brass terminals. Includes cutter, bolt cutter and wire stripper.
- Length: 235mm ■ 220g

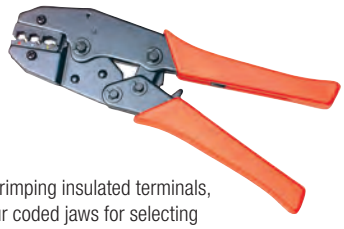
K10-2 **50401941**

BRASS TERMINAL CRIMP TOOL

High precision - Low cost mainly for quick connector types. Achieves a roll type crimp which supports the insulation and crimps the wire. (not suitable for flag terminals).
- Length: 235mm ■ 500g

HF2 **50401950**

INSULATED TERMINAL CRIMP TOOL



For crimping insulated terminals, colour coded jaws for selecting correct crimp gauge:
- Red: 18 to 22 AWG
- Blue: 14 to 16 AWG
- Yellow:10 to 12 AWG

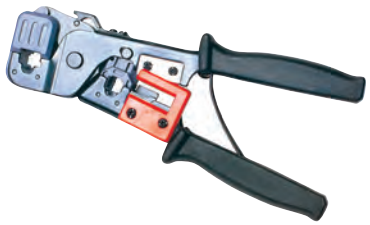
CT047 **50402072**

BNC COAX CRIMP TOOL

5 Different sized crimping jaws to suit most BNC, F, Mini M, M, N and TNC UHF coaxial connectors as well as many other crimp connectors. Pressure applied to the crimp collar can be preset to prevent damage to the connector or the cable. Any of 6 pressure settings can be selected. Insulated handles with spring return Push to release button.
- Overall length: 226mm
- Jaw sizes: 1.72, 2.5mm for inner conductor pins
- Jaw sizes: 5.4, 6.48, and 8.2mm for crimp collars

08-312 **50402075**

COMBINATION MODULAR CRIMP TOOL



Robust all metal tool ensures fast accurate attachment of RJ12 and RJ45 8 and 6 way connectors. Includes cutter for correct right angle splice, sheath stripper. Soft grips for comfortable use.
- Length: 200mm ■ 320g

08-376E **50405001**

MODULAR CRIMP TOOLS

Robust all metal tool ensures fast accurate attachment of 6P4C & 6P6C type modular plugs (RJ12) to 4 and 6 conductor flat modular type telephone cable. Includes cutter for correct right angle splice.

08-376B **50405015**

6P4C & 6P6C type (RJ12), or 8P6C & 8P8C type modular plugs (RJ45) to 8 conductor flat modular type telephone cable.

08-376C **50405017**

COMPRESSION FITTINGS

Compression fittings are popular with professionals because they do not require soldering, so they are comparatively quick and easy to use. They are also used in situations where a heat source, in particular a soldering torch, is prohibited.

COMPRESSION TOOL - DIGITEK

NEW

- for RCA, BNC, F, and IEC connectors
- One-Cycle Ratcheting Mechanism
- Hardened Steel Construction
- Black Oxide Finish ■ Comfortable Grips
- Locking Handle Mechanism

ASSOCIATED PRODUCT : PR0980
'F' type COMPRESSION PLUG - See page I-28

CT02 **52645065**

4½" SLIM LINE TAPERED HEAD CUTTERS

- Green cushion grip
- Diagonal cutting pliers
- Slim line tapered head
- Semi-flush cutting

MS545V **50482045**

5" SIDE CUTTER

Miniature 5" diagonal cutting plier made from quality steel and heat treated for excellent cutting capacity and durability.
- Sure grip/insulated grips
- Smooth action return spring
- 125mm overall length. Edges are full cut and are recommended for cutting copper and soft lead wires, ideal for precise circuit board work

PK37S **50483093**

5" MINI DIAGONAL CUTTER

Red plastic-coated cushion grip provides maximum leverage
- Precision machining and scientific proportioning
- Exceptional strength and performance
- Forged alloy steel construction
- Standard bevelled edges

55NCGV **50482040**

5" SIDE CUTTER

Precision mini side cutters designed to cut fine copper wires
- Comfortable cushion insulated grips light return spring
- Narrow head to reach confined spaces

1PK-258A 50483203

6" DIAGONAL PLIER

Red plastic-coated cushion grip provides maximum leverage
- Precision machining and scientific proportioning
- Exceptional strength and performance
- Forged alloy steel construction
- Standard bevelled edges

66CGV 50482034

6½" SIDE CUTTER

Heavy duty cutters with polished head and fully insulated grips, Bevelled Jaws
- Overall Length: 165mm
- Ideal for mains electrical work

SC150 50483101

DRILLS

6V MINI CORDLESS DRILL - DOSS

- Single speed gear box with 18 torque settings
- 2 Speed reversible switch (Rev. & Ff.)
- Soft grip ■ 10mm keyless chuck
- Magnetic accessories tray ■ Battery: "AA" size
- 6-8 Hours 240V SAA battery charge
- 6 x HSS twist drills > 2, 3, 4, 5, 6MM
- 14 screwdriver bits S1, S2, S3, T10, T20, T25, T30, PH1, PH2, PH3, 4, 5, 6, 7 ■ Blow Mould Case ■ AC Adapter

CDR6V 50562475

TIP TOOL DRILL KIT

A carry anywhere pocket sized tool capable of a wide range of uses for fine or exacting work.
- 12 HSS Tip Tools: Wire gauge 74 to 52 (0.6mm to 1.6mm)
- Long life brass chuck
- Knurled end for better drilling control
- Ideal for Cleaning out welding & painting tips
- Cleaning carburettor jets
- Electronic, electrical engineering
- Model engineering jobs

HD12 50572560

13 PIECE DRILL SET

Drill bits range from 1/16" to 1/4" in 1/16" rises. Housed in an ABS plastic case. Premium quality drills for use on wood, metal and plastics.

E1DSET 50572950

1M 4MM-12MM STEP DRILL

Single cutting edge creates perfectly round holes in metal, plastic, wood and other thin materials without centre punching.
- Automatically deburs drilled hole
- Constructed of industrial grade high speed molybdenum steel for long life

	SD1M	SD4M
Hole Size:	4 to 12mm	4 to 22mm
Increments:	9 x 1mm	10 x 2mm
Drill Shank:	6.5mm	10mm

SD1M 50573200 4mm-12mm
SD4M 50573218 4mm-22mm

ENGRAVER - ARLEC

Engraves any surface, supplied with a steel bit, ideal for engraving steel, wood & plastic. Its a rotating engraver with feather touch operation makes it easy to achieve professional results.
- 12V DC adaptor supplied

RE111 50641102

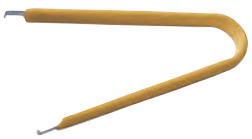
ENGRAVING TIPS - ARLEC

Bits To Suit Arlec RE111 Engraver
- 3 Engraving/Milling Cutters. For engraving metals, plastics & ceramics.

ET669 50641110

EXTRACTION

IC EXTRACTOR



Plastic coated chrome plated spring steel tweezers with hooked ends for lifting and placing 8 to 40 pin ICs without touching the pins.
- Overall length:102mm

08-609 51040501

PLCC EXTRACTION TOOL

- A reliable tool designed to easily & safely remove PLCC chips from sockets.
- The one tool handles different sizes

08-610 51040535

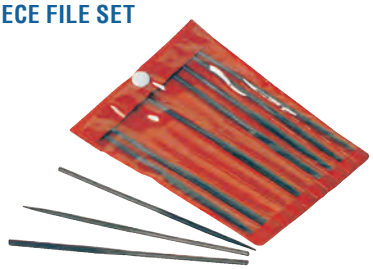
FILES & CLEANERS

MICROSCRUB CONTACT CLEANER

- Residue absorbent abrasive strip for cleaning relay contacts and edge connectors

MCRSCR 50321001

10 PIECE FILE SET



Set of 10 precision single ended needle files, consisting of Flat, Round and Angled.
- Size (WH): 3mm x 140mm each file
- Housed in a plastic foldable hangup pouch

CG0472 50721190

GLUE GUNS

GAS POWERED HOT MELT GLUE GUN

- High-Tech Piezo Electronic Self-Ignition
- Powered by Butane Gas
- Smooth, Auto-Feed Trigger Action
- Easy and long lasting refills
- Portable, Cordless, Lightweight
- Precise Controlled Temperature

HG-872A 51281065

SMALL GLUE STICKS 25 PACK

- Pack of 25
- 5/16" x 4" Glue Sticks

GLU165 51281053

LARGE GLUE STICKS 12 PACK

- Pack of 12 1/2" glue sticks
- Suits the GGL260 glue gun

GLU425 51281057

HEAT GUNS

1500W HEAT GUN

- 1500 watts of power suitable for heat shrinking
- Includes 4 nozzle accessories
- Dual temperature range: 400°C & 600°C

Ideal for:

- Removing paint or varnish
- Stripping floor coverings
- Shaping plastic ■ Drying objects
- Thawing frozen pipes and locks

EHG998 38316003

INSERTION & PUNCHDOWN

PUNCH TOOL WITH 110/66 BLADE

- Insert and cut cable terminations effortlessly
- Impact absorbing cushioned, grip reduces operator stress for high volume installers
- Adjustable high/low actuation setting accommodates, termination requirements or operator preference Storage compartment with unique locking device provides convenient storage for spare blades and helps prevent blade loss.

PDT110 50405020

BLADE SUIT PDT110

- Spare Krone blade to Suit PDT110 CAT5 Punch Down Tool

KRONE 50405022

F CONNECTOR INSERTION TOOL

NEW

This 3 in 1 tool has one end to enlarge the space between the shield and insulation for RG59, another end for RG6, while the other end will lock F connectors into tool socket and allow you to twist it onto a stripped cable end.
Very handy for any cable installer!

HT-224D 50405032

LASER

SONIC TAPE MEASURE + LASER - DOSS

- Instant measurement
- Dynamic measurement capability
- Selective measurement reference: top or bottom of the case
- Computation of area and volume
- Measurement Range: 0.6m To 15m
- Accuracy: ±0.5% ±1 Digit.(*)

USTM1 52712010

ELECTRONIC STUD FINDER

- Accurate and affordable
- Works with wood and metal studs
- Sleek high impact case with inbuilt belt clip
- Use 9v battery (not included)

SF10285 52712020

MEASURING

LCD VERNIER 0-150MM

- LCD 5-digit display in mm & inches
- Measuring range 0 to 150mm
- Resolution 0.01mm ■ Accuracy 0.03mm
- Auto power-Off
- Comparisons & deviation measurements
- Stainless steel construction
- Smooth precision sliding action with locking screw

LV150 50881012

8MT/26FT MEASURING TAPE

- Marked Metric & Imperial graduations
- Wrist strap & belt clip provided
- Handy quick release lock
- In rugged protective rubber case

6008MT 52161020

8MT TAPE MEASURE - CRESCENT

- 8m x 25 mm blade

V8CT8M 52161025

C BRACKET TEMPLATE

The Green Donkey™ is a C-Bracket template with built-in level indicators for marking the outline of the hole on plaster board for the C-bracket.

- Clean, fast and accurate installations everytime
- Built-in horizontal and vertical level indicator
- Compact and stylish design
- Cross-hair at middle point for easy marking

GDPB 52691000

J

HEAVY DUTY MAGNETIC TORPEDO LEVEL - EMPIRE

NEW

- True blue vials - accurate to within 0.5mm/m in all 10 level working positions
- Heavy duty extruded aluminium frame with top-read window
- Vials read plumb, level and 45°
- Strong Holding magnetic edge
- V-grooved working edge fits on pipe or conduit
- Length: 225mm (9")

EM819 52691010

PLIERS

2IN1 CIRCLIP PLIER

- Easily adjusted without tools or added parts to suit Internal & External circlips
- Spring return
- Effective range: 12-50mm (1/2"-2")

LT034B 51682238

100MM BULL NOSE PLIER

- Snipe nosed pliers (105mm)
- Stainless Steel
- Hardened and tempered of all cutting edges

PK-501D 51683355

8" COMB PLIER

- Quality, Heavy Duty Electricians plier with duplex insulated grips
- Broad nose for gripping, twisting and forming conductors
- Jaw opening: 40mm
- Large 20mm long cutter
- Serrated jaws for secure grip
- Serrations also at top of handle for gripping

HI009 51683251

175MM COMB PLIER

- With serrated jaws for secure grip
- Heavy duty wire cutter
- Moulded insulated handles with safety guards
- Overall length:175mm

CP175 51683253

PLIER - CRESCENT

- Premium quality made from drop forged alloy steel with hardened working edges
- Improved crimper built into handle
- Slim nose for use in tight spaces
- Yellow insulated sure grip handles

3800CTV 51683268

125MM LONG NOSE PLIER

- Manufactured from high quality heat-treated steel Smooth grip insulation with spring
- Precision tappered nose for picking up miniature parts and components
- Serrated jaws ■ Inbuilt lead cutter

PK36 51683352

200MM LONG NOSE PLIER

- Polished head plier
- With tappered, fine serrated jaws
- Inbuilt cutter ■ Black insulated grips
- Return spring ■ Overall length: 200mm

LNP8 51683362

NEEDLE NOSE PLIER

- Manufactured from high quality heat-treated steel
- Smooth grip insulation with spring
- Ideal for working in restricted spaces
- Smooth jaws for holding miniature components and fine wires

1PK-046S 51683365

250MM LOCKING PLIER - CRESCENT

- Crescent cushion jaw locking plier
- Integral wire cutter
- Cushion grip handles for added comfort
- Maximum jaw opening capacity per ASME specs

C10CVC 53120890

3PCS LOCKING PLIER SET - CRESCENT

- 3 pieces and bonus Crescent knife
- Integral wire cutter
- Cushion grip handles for added comfort
- Maximum jaw opening capacity per ASME specs

CLP3SETC 53120892

SAWS, KNIVES & SCISSORS

250MM MINI HACKSAW

- Easy to handle all metal frame
- Particularly useful to cut metals and plastics in awkward locations
- Shatterproof Sandflex Bimetal 10" 24TPI blade and provides a very efficient cutting performance.

208HS 52240900

RETRACTABLE KNIFE - PROTOUCH

NEW

- Quick change mechanism for easy blade change
- Smooth, three-position slide for variable blade lengths
- Easy tool-free push button entry
- ProTouch ergonomic grip
- Internal storage for 5 blades
- Includes 6 IRWIN Blue Blades

2082200 51281030

TRIMMING KNIFE - NICHOLSON

- Swing out blade holder with 2 spare blades
- String cutter can be used when blade is retracted

NT3QC 51281040

BI-METAL UTILITY KNIFE BLADE - 5 PACK

- The industry's only Bi-Metal Blade
- Shatter resistant
- Fits NT3QC trimming knife and standard utility knives

EDG5C	51281042

TRIM KNIFE

- Heavy duty
- Retractable wide blade trim knife

27-25130	51281046

SNAP OFF BLADES - 5 PACK

- 5 Piece heavy-duty utility snap off blades

UBL5HD	51281047

PROFESSIONAL WALLBOARD SAW

- Professional General-purpose wallboard saw for cutting sheetrock, gypsum board, etc
- Long pointed blade for plunge-type cuts and closer-quarter work
- 150mm overall length
- Blade made of Hardened Steel
- Plastic Handle

22097	51281049

9 IN 1 MULTITOOL WITH BONUS POUCH - NICHOLSON

- Plier ■ Serrated blade/ ruler
- Small flathead screw driver ■ Can opener
- Long knife blade ■ Short knife blade
- Larger flathead screwdriver ■ Bottle opener

NMT9	52330055

NIBBLING TOOL

- Economical nibbling cutter
- Cuts up to 18 gauge steel and other unhardened metals, Copper, aluminium, and plastic..

08-397	51520984

9" EAZY SNIP SHEAR - WEZSNIP

- Spring-loaded blades
- Soft-touch co-moulded handles
- 420 Stainless blades provide corrosion resistance
- Wire cutter notch for easy cutting of light-gauge wire
- Safety-latch locks blades closed for storage
- Heavy-duty design is perfect for shop, garden, and craft jobs

WEZSNIP	52321005

SCREWDRIVERS

33 PIECE SCREWDRIVER BIT SET

Contains:
- 8 Phillips Bits
- 8 Posidrive Bits
- 4 Slotted Bits
- 6 Torx Bits
- 2 Hex drive Bits
- Magnetic Bit Holder

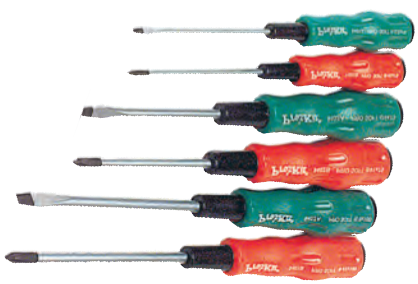
SB33	52400500

33 PIECE SECURITY BIT SET

Contains:
- 50mm Magnetic Bit Holder
- Tamperproof: T8,T10,T15,T20,T25,T27,T30,T35,T40
- Hex Key: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
- Hex Key: 2, 2.5, 3, 4, 5, 6mm
- Tri-Wing: No.1, 2, 3, 4
- Pan Spanner: 4, 6, 8, 10
- Torq-Set: 6, 8, 10

SD380	52400510

RUBBER GRIP SCREWDRIVER - 6 PIECE



- Non-slip Duplex colour handles
- Phillips: #0 x 75, #1 x 75, #2 x 100mm
- Slotted: 3.2 x 75, 5 x 75, 6 x 100mm

1PK9403	52401080

SLOTTED HEAD SCREWDRIVERS - BAHCO

Straight blade (slotted) screwdrivers for precision use
- Ergonomic handles ensure fatigue free operation when used in production work
- Premium Swedish quality materials and construction
- (L): Length ■ (B): Blade Width

8010SD	52401001	150 (L) 2.5mm (B)
8020SD	52401016	160 (L) 3.0mm (B)
8030SD	52401032	190 (L) 3.5mm (B)
8040SD	52401048	210 (L) 4.0mm (B)
8150SD	52401065	230 (L) 5.5mm (B)

PHILLIPS SCREWDRIVER - BAHCO

- Phillips screwdrivers for precision use
- Ergonomic handles ensure fatigue free operation when used in production work
- Premium Swedish quality materials and construction
- (L): Length ■ (P): Point Size

8600SD	52401113	150mm (L) 00 (P)
8610SD	52401129	180mm (L) 1 (P)
8620SD	52401145	215mm (L) 2 (P)

HIGH QUALITY SCREWDRIVERS

- Rubber Ergonomic soft grip handles
- Chrome vanadium blades ■ Hardened oxidised tips
- Magnetic tips
- Unique hanger that can be screwed to a wall as a permanent mounting bracket
- (L): Length ■ (B): Blade Width

Flat Screwdrivers		
CVF638	52401200	38 (L) 6mm (B)
CVF6150	52401210	150 (L) 6mm (B)
CVF8150	52401215	150 (L) 8mm (B)
Phillips Screwdrivers		
CVP238	52401225	38 (L) #2 (B)
CVP175	52401230	75 (L) #1 (B)
CVP1150	52401235	150 (L) #1 (B)
CVP2150	52401240	150 (L) #2 (B)
CVP3150	52401245	150 (L) #3 (B)
Pozi Screwdrivers		
CVPZ2100	52401250	100 (L) #2 (B)

QUALITY INSULATED SCREWDRIVERS

- Fully insulated ergonomic soft grip handle with deep set blade sheath for total safety.

CVIP5100	52401260	100 (L) 5mm (B)
CVIP1100	52401265	100 (L) #1 (B)

TORX SCREWDRIVERS - PRO'S KIT

- Suitable for miniture torx (star) point screws
- Shaft: 4.0mm Ø

T06	52402890	T6 135mm (L)
T08	52402897	T8 165mm (L)
T09	52402913	T9 165mm (L)
T15	52402945	T15 165mm (L)
T20	52402961	T20 165mm (L)

CELLPHONE OPENER SET

- Handy 7 piece kit in clear front plastic case
- **Driver Types & Sizes:** Philips #0, #2 Torx T5, T6, T7
- Back Panel Opener
- Folding Cover Opener
- Security Screwdriver

8PK-2065N	52404526

PRECISION SCREW DRIVER SET - PROS KIT

- Molded handles with finger grips
- Long shafts of nickel chrome molybdenum, ideal for reaching recessed screws in electronic equipment
- **Contains:** 3 Phillips point drivers, No.00, No.1 & No.2, 3 Slotted blade drivers 2.4x75, 3.0x100 & 3.8x150mm

08-509	52481075

6 PIECE SCREWDRIVER SET

Set of six quality drivers with extra fine blades in a hard plastic carrying case

- Tool steel blades
- Nickel plated
- Hardened
- Contains: 2 Phillips point drivers - No. 0, No. 1, 4 Slotted drivers - 1.4, 2.0, 2.4, and 3mm

SD6MX	52404498

7 PIECE STAR SCREWDRIVER KIT - PROS KIT

- Soft 7 piece Torx point driver set
- Ideal for electronic service and production work
- Elastomer resin non slip handles
- High grade chrome molydenum vanadium steel blade
- **Blade Sizes:** T5 , T6, T7, T8, T9, T10 and T15
- **Overall Length:** 159mm (T5 to T9) 184mm T10 & T15
- **Blade Length:** 50mm (T5 to T9) 75mm T10 & T15

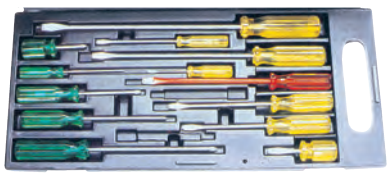
SD2302	52404527

8 PIECE INSULATED SCREW DRIVER SET

- 8 red fully insulated drivers
- Suitable for working on live equipment
- Insulated to 1000V
- Contains: 5 Straight blade screwdrivers: 150 x 6mm, 125 x 5mm, 100 x 4mm, 95 x 4mm, & mains tester, 3 Philips drivers: 150 x 6mm, 100 x 4mm, 75 x 4mm

808-315A	52481079

13 PIECE SCREWDRIVER SET



- **Slotted Blade:** 8mm x 250mm, 8mm x 200mm, 6mm x 125mm, 5mm x 100mm, 4mm x 100mm, 3.2mm x 50mm, 6mm x 38mm
- **Philips Blade:** 8mm x 150mm No. 3, 6mm x 100mm No. 2, 5mm x 75mm No. 1, 3.2mm x 75mm No. 0, 6mm x 38mm No. 2
- **Electrical Blade:** 5mm x 150mm

D1796	52481082

28 PIECE SCREWDRIVER SET - NICHOLSON

- Robust co-moulded grip ■ Chrome vanadium shafts
- Sockets and storage case
- 4 Slotted Screwdrivers: 80/100/125/150mm
- 3 Phillips Screwdrivers: PH0, PH1, PH2
- 1 Bit Screwdriver with 25mm adapter
- Screwdriver Bits (10) include: Flat 4/5/6mm, Phillips No 1/2/3, Torque T10/15/20 and Socket Adapter
- Socket Bits (9) include 5,6,7,8,9,10,11,12, & 13mm

NSD28	52481085

52 PIECE SCREWDRIVER SET - NICHOLSON

- Cushion comfort grips on all screwdrivers
- Includes 7 piece precision screwdriver set, flexible extension shaft and telescopic magnetic pick up tool
- Includes a full range of slotted, Phillips, Torx & Hex bits with Bit Driver
- Wall mountable carry case safely secures all bits and drivers in their place

V8CSD52	52481090

STRIPPERS

2 BLADE ROTARY CABLE STRIPPER

- For RG58 (3C2V) RG59, RG62 & RG6
- Can be rotated and inserted into 4 different positions to correctly strip inner, outer and the cable sheath in a single operation
- 4 different stripping lengths can be achieved by fitting the blades into different positions in the tool
- Hex wrench supplied (Housed in tool) for presetting cutting depth

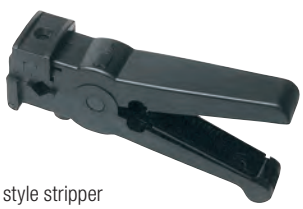
PK332	52961010

3 BLADE ROTARY CABLE STRIPPER

- Rotary coax, cable stripper for: RG-58 (3C2V), RG-59/62 (4C2V), RG6 (5C2V)
- Built-in tension spring ■ Centre conductor cutter
- Slide adjustment
- No replacement cassette is needed
- Fixed 3-Blade Construction
- Strips Cable-Jacket, Shield, Insulation.
- Stripping Length: This stripper can strip cable in two lengths 10 and 12 mm

PK322	52962165

CABLE STRIPPER



- Peg style stripper
- Constructed of tough injection molded thermoplastic
- Built-in tension spring ■ Centre conductor cutter
- Slide adjustment to change from RG-58, RG-59 or RG-6 cables ■ Stripping Range: 4 - 7mm
- 08-377 Coax Stripping Pliers

08-377	52962100

COAX CABLE STRIPPER

- Pocket size device strips inner and outer jacket in seconds, creates a uniform trim every time
- Stripping Range: 4~7 mm Overall Diameter

KOAX1 **52962164**

WIRE STRIPPER - PROS KIT

- Precision wirestipper with spring return mechanism
- AMG wire sizes 20 to 10, Millimetres: 0.8 to 2.6.. Incorporates roll crimp cutout and serrated plier
- Overall length: 155mm

PK3002 **52961008**

AUTOMATIC WIRE STRIPPER

- For conductors: 2.5 ~ 6mm
- Built in depth gauge
- Adjustment for soft or hard insulation
- Length: 175mm
- Weight: 200g

KUS2 **52962017**

ADJUSTABLE WIRE STRIPPER

- Convenient adjustable stop for consistency in wire lengths
- Stripping hole diameters: 1.0, 1.6, 2.0, 2.6 & 3.2mm

08-369B **52962033**

VICES, TWEEZERS & HOOKS

INSPECTION MIRROR

- Inspection mirror and telescopic magnet
- Each extends to 500mm
- Both feature universal joint to reach difficult areas
- These items make handy additions to service kits

14525IM **51381001**

SPRING HOOK

- For removing and refitting miniature springs in VCRs and Cassette decks

PK317 **52641012**

TWEEZER SET

- 4 Different style stainless steel tweezers
- Including a self locking one, ideal for picking up small components in hard to reach places
- Handy for component assembly on PC boards

08-389 **52720700**

THIRD HAND - PCB HOLDER

- Acrylic Magnifier
- Holds objects at any angle to each other, leaves both hands free
- 6 Ball joints for all angles

08-391B **52801550**

300 STANDARD BASE -PANAVISE®

- Holds regular PANAVISE heads & Circuit Board Holders
- The patented load control knob and exclusive split-ball feature has a range of tensions which permits moving of work to any position desired and firmly locks the head in place
- Loosening of this knob reduces the load on the split-ball permitting the head to be removed from the base allowing you to get multi-use from the one base

PV300 **52802001**

303 STANDARD HEAD JAW - PANAVISE®

- Jaws 2 1/2" (63mm) wide which open 2 1/4"(57.2mm)
- The tough yet gentle nylon jaws have a satin finish to improve grip
- This general purpose head has exceptional quality and strength
- The heavy duty adjusting screw turns in a brass bushing which is pressure die cast into the head as are the double steel guide pins

PV303 **52802016**

JUNIOR - PANAVISE®

- Base constructed from die cast zinc and knobs from fibre reinforced thermal plastic alloy.
- Easy to use single knob controls head movement through 3 planes: 210° tilt - 360° turn - 360° Rotation with fine/coarse adjustments.
- Thermal Composite Grooved Jaws (in mm 50.8 Tall - 25.4 Wide - Open to 73) has a continuous heat tolerance to 177°C or intermittent heat to 204°C
- Overall Height 171.4 mm ■ Weight 1.2 Kg

PJV1 **52802196**

WRENCHES & SOCKET SETS

7PC HEX NUT DRIVER SET - PROS KIT

- Precision long reach
- Extra-thin walled with DEEP Sockets and Duplex colour rubber handles for hexagon nuts and bolts
- Complete set pack with vinyl pouch
- Contents: 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm

PK9402 **52561410**

T/BAR DRIVER SET

- 9 Sockets 3/16" - 1/2"
- 5 Slotted driver bits ■ 3 Phillips bits ■ 3 Star bits

TSB22 **52403595**

ADJUSTABLE WRENCHERS - PROS KIT

- Drop forged ■ Chrome vanadium steel
- Precision hardened steel ■ Insulated soft grips
- Jaw adjusts to accommodate various sizes of bolts, nuts and pipes

AW6	53120850	6"/150mm
AW8	53120862	8"/200mm

RAPID SLIDE WRENCH - CRESCENT

- Slide button mechanism in handle for quick, fast adjustment ■ DIY, industrial or professional use
- 25mm/1" jaw capacity allows tool to work with various fastener sizes

AC8NKWMP	53120870

RAPID REACH WRENCH - CRESCENT

- Works like a socket set, without all the sockets
- Works on square bolts, hex bolts/ screws, cup-hooks, wing nuts, thumbscrews and many more
- Jaw capacity 4.8mm to 22.2mm

FR28SWMP	53120872

TOOL KITS

COAX-READY KIT - PROS KIT

- Zip up padded carry wallet with Crimper, Dies, Cutters, strippers and multimodular cable tester
- 4 Die sets for RG59, RG6, F-type RG58, 59, 62 BNC & TNC
- Rotary Coax Stripper ■ 150mm Cable Cutter
- Super crimp frame ■ Cable Tester

PK4017	50406001

16 PIECE COMPUTER SERVICE KIT

Handy zip up carry case with:

- PLCC Extractor ■ Side Cutter ■ Long-Nose Plier
- Component tube ■ 1/4 & 3/16 Hex drivers
- Driver Handle ■ IC inserter (14, 16 Pin)
- Slotted 5mm Driver ■ Slotted 3mm Driver
- Double ended Torx Bit (T-10, T-15)
- Phillips No.0 & No.1 drivers
- IC Extractor ■ Insulated Tweezers ■ Pearl Catch

CSK16	52641050

TOOL KIT WITH SOLDERING IRON

- 5" Long nosed plier, with cutter
- 7 in 1 Crimping tool
- IC Inserter with Pin straighteners for 18-20 pin IC's
- IC Extractor ■ Brush ■ Assembly tweezer
- Desoldering pump ■ 6" Adjustable wrench
- PRO-SOFT Duplex colour screw drivers: Phillips: No.00 x 3", No.1 x 3", Slotted: #0x75, #1x75mm, Nut: 5mm, 6mm, Torx: T10, T15
- 3 Claw parts holder
- Anti-static wrist strap
- Soldering iron & solder
- Housed in zipper carry case (330 x 185 x 45mm)

PK302K	52643003

MULTI-PURPOSE MAINTENANCE KIT - PROS KIT

- Tweezer
- 5" Diagonal Cutting Plier
- 5" Long
- 6" Lineman's Plier
- IC Extractor Tool
- Alignment Screwdriver
- Desoldering Pump
- Rosin Solder Core
- 3M/10FT Tape Ruler
- 7 Pcs Hex Key wrench
- 6 Pcs Crystal Line Colour Screwdriver
- 2-in-1 Zipper Bag (360 x 280 x 120 mm)

1PK2001K	52645016

ELECTRONIC TOOL KIT - PROS KIT

Combination locking brief case with sturdy removable pallets

- Digital Multimeter ■ 3M/10FT measuring tape
- 6" Long tweezer ■ 7" Brush and scraper
- 7" Fine point probe ■ 7" Slotted probe
- Solder core ■ Brush ■ Electric tape
- Desoldering pump ■ 25W Soldering iron
- Soldering iron stand ■ 6" Stainless scissors
- Utility components box ■ 7 Pcs folding type hex key wrench (1.3, 1.5, 2, 2.5, 3, 4, 5mm)
- 2 Pcs needle file set (round and flat)
- 6" Adjustable wrench ■ Utility knife (snaps blade)
- 4.5" Flat nose plier ■ 5" Long nose plier
- 5" Side cutting plier ■ 4.5" Bend nose plier
- 6 Pcs precision screwdriver (1.4, 1.8, 2.4, No.00, No.0, No.1)
- PRO-SOFT Duplex colour screwdriver set, Phillips: 3x75, 5x75, 6x100, 6x38mm, Slotted: 3x75,

PK305K	52643009

ELECTRONIC MASTER TOOL KIT - PROS KIT

- 5" Side cutter ■ Brush
- 5" Long nose plier ■ PVC insulated tape
- 4.5" Bent nose plier ■ 3 Prong holder
- 6" Side cutter ■ Flash light
- 6" Long nose plier ■ Inspection mirror
- 8" Combination plier ■ 6 Pcs open-end wrench set
- 9.5" Water pump plier ■ 6" Stainless scissors
- 9.5" Crimping tool ■ 5 Pcs file set
- Testing driver ■ 6" Adjustable wrench
- Alignment driver ■ 3 Pcs soldering aid kit
- Utility knife ■ Utility component storage box
- 6" Tweezer ■ Carpenter hammer ■ IC Extractor
- Oil can ■ 3M/10ft measuring ruler ■ Parts tube
- Solder wick ■ Heat sink ■ Soldering iron stand
- Solder core ■ Desoldering pump
- 6 Pcs precision screwdrivers
- PRO-SOFT Duplex colour screw drivers: Phillips: 3x75, 5x75, 6x100, 6x38mm Slotted: 3x75, 5x75, 6x100, 6x38mm Nut : 5mm, 6mm
- 7 Pcs folding type hex key wrench
- 25W soldering iron

PK700NK	52643021

25 PIECE SOCKET KIT - CRESCENT

- 25 Pce in high quality Chrome-Vanadium with SuperLock sockets
- Fine Tooth quick release ratchet with ergonomic cushion grip
- Spark plug sockets with rubber lining for holding spark plug
- High quality plastic case with spring actuated locks and device for padlock

V8CTK25EU 52645025

45 PIECE MECHANICS TOOL KIT - CRESCENT

- 1/4" Socket Sets in Carry Cases
- High quality Chrome-Vanadium with SuperLock sockets
- Fine Tooth quick release ratchet with ergonomic cushion grip
- Spark plug sockets with rubber lining for holding spark plug
- High quality plastic case with spring-actuated locks and device for padlock

V8CTK45EU 52645020

148 PIECE TOOL KIT - CRESCENT

- 72 tooth, 5° swing arc, quick release ratchets, 1/4' & 3/8" & 1/2"
- (4 pc) extensions 3" to 6"
- 3/8"M to 1/4"F drive adapter.
- (46 pc) Sockets, 1/4",3/8",1/2" Dr. std. and deep lengths from 3/16" to 7/8" and 4 to21mm. Plus 5/8" and 3/16" spark plug sockets
- (12 pc) Combo wrenches: 5/16" to 5/8" & 10 to 15mm
- (5 pc) Screwdrivers, slotted & Philips
- (18 pc) SAE Hex keys in holder
- (2 pc) Pliers, long nose, cutting & diagonal cutting
- Magnetized, 1/4"bit driver handle and (44pc) Phillips, slotted, hex & Torx bits

CTK148 52645030

ANTENNA CRIMP INSTALL KIT - HILLS

- Ideal for industrial and domestic antenna installations

Kit Includes:

- Wire cutters for RG59 & RG6 coaxial cables, together with the foil & braid
- 30 x RG6 quad shield connectors
- Double blade coaxial stripper terminates & prepares RG59 & RG6 with adjustable settings on both tension & blades
- Hex crimper for crimping RG59/6/11 & RG11 separate pin connectors

AIK320 52645050

COMPRESSION TOOL KIT - DIGITEK

Kit includes:

- Compression tool for RCA, BNC, F, and IEC connectors
- Cable cutter
- Cable stripper
- Compact carry case

Compression Tool Features:

- One-Cycle Ratcheting Mechanism
- Hardened Steel Construction
- Black Oxide Finish ■ Locking Handle Mechanism

Stripper Features:

- Completely Adjustable/Replaceable Blades
- High Impact Plastic
- Strips RG6, RG59, & RG58

CTK2 52645060

STORAGE

CABINETS

12 & 20 DRAWER STORAGE CABINETS - FISCHER

- Can be screwed directly to wall, or left free standing
- Plastic cabinet with frosted drawers
- **IH050** - 12 Drawers
  > Each drawer (WHD): 70 x 40 x 125mm
  > Cabinet size (WHD): 230 x 190 x 130mm
- **IH055** - 20 Drawers
  > Cabinet size (WHD): 310 x 230 x 130mm
- Made in Australia

IH050 05010301
IH051 05010308

33 DRAWER STORAGE CABINET

Strong grey plastic cabinet with key holes for easy wall mounting

- Clear easy sliding drawers
- Six rows of five small drawers Size: 50 x 110 x 34mm
- Two half width drawers Size: 133 x 110 x 42mm
- One full width drawer Size: 270 x 110 x 42mm
- Total cabinet Size (WHD): 295 x 355 x 125mm

5174 05010468

VISY PAK STORAGE DRAWER - FISCHER

Fully modular

- Clear removable compartment keeps contents clean and allows easy visual stock control
- With special clips which enable them to fit onto a louvre panel or alternatively screwed to wall or left free standing
- Dimensions (WHD): 103 x 83 x 120mm
- Made in Australia

IH040 05011145

BAGS & CASES

ATTACHE TOOL CASE - SILVER

A sturdy silver finished case.

- Aluminium reinforced edges ■ Metal corner guards
- E.V.A. padded dividers can be slotted into any position to create 6 compartments of any size
- Ideal for computer and electronic service, providing full protection for delicate parts, circuit boards etc.
- Removable Tool Pallet with 11 pockets for drivers, pliers cutters etc.
- Removable shoulder strap ■ Lockable catches
- Reinforced handle
- Internal Size (WHD):432 x 140 x 306mm

TC2 07322009

ATTACHE TOOL CASE - BLACK

- Sturdy black finished case with aluminium reinforced edges and black plastic corner guards
- E.V.A. padded dividers can be slotted into any position to create 6 compartments of any size
- Ideal for computer and electronic service, providing full protection for delicate parts, circuit boards etc.
- Removable Tool Pallet with 11 pockets for drivers, pliers cutters etc. ■ Removable shoulder strap
- Lockable catches ■ Reinforced handle
- Internal Size (WHD): 432 x 140 x 306mm

TC3 **07322015**

ATTACHE CASE WITH FOAM INSERT

- Same size & construction as the TC3, but this model has a full foam insert
- 10mm square pre- scored, so it can be customised to suit instruments, cameras etc. of various sizes
- The lid has a thick moulded insert with foam cones

TC3FI **07322020**

EMPTY TOOL BAG/ NOTEBOOK BAG - PROS KIT

High-quality tool case that can be used as two separate bags or zipped together as one case

- The first bag has two large pouches for documents & paperwork or large items
- The second bag contains 20 pockets for tools
- High quality leather ■ Comfortable Shoulder Strap
- Large enough for Laptop & Tools
- Fully detachable tool section, turns into a laptop bag
- Size: 16L x 12 W x 2.5D

ETC2001 **07322021**

BIGFOOT TOOL BAG

- Ergonomic shape for comfortable, easy carrying
- Padded handle and shoulder strap
- Waterproof rubber base, protects from wear & tear
- Front pockets for storage ■ 8 Internal pockets
- Wide stay open design for easy access
- Size (HWD): 320 x 410 x 190mm

BIGFOOT **53652700**

PROTOOL CADDY

- Made of Mcguire Nicholas Tuff-Wear
- Open design for quick access
- Perfect for organizing your tools while keeping hardware and small parts handy
- Mesh side pocket and metal frame
- Contoured rubber handle
- Tools not included

PROTOOL **53652710**

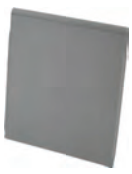
BINS & BOXES

STORAGE DRAWERS

- Fits compactly into standard metal shelving
- Low cost storage constructed from grey polypropylene for strength & long life
- 3 compartment (supplied with 2 dividers)
- Made in Australia
- **1H025** - Large drawer
  Overall size (WHD): 200 x 100 x 420mm
- **1H012** - Medium drawer
  Overall size (WHD): 100 x 100 x 300mm

1H-025	**05011010**	Large drawer
1H-012	**05011054**	Medium drawer

SPARE PART DIVIDER TO SUIT 1H-012



Spare parts tray
Width: 94 mm
Height: 96 mm

1H-014 **05011061**

COMPARTMENT STORAGE BOXES

All plastic co-polymer see-through storage boxes

- Hinged lid with snap locking latch
- Flexible unbreakable plastic for rugged use
- Strong and durable ■ Weather proof
- **For the handyman** - stores nails, screws, bolts, nuts and washers
- **For the tradesman** - stores and protects all small parts and components
- **For the home** - stores sewing needs and accessories
- Designed and made in Australia

No compartments
- WHD: 200 x 45 x 155mm

1H-029 **05011113**

No Compartments
- 195 x 136 x 66mm

1H-032 **05018041**

3 Compartments - Large
- 310 x 200 x 80mm

1H-090 **05018038**

5 compartments - Small
- WHD:188 x 36 x 115mm

1H-030 **05011101**

6 compartments - Large
- WHD: 200 x 45 x 155mm

1H-038 **05011126**

14 compartments
- WHD: 200 x 45 x 155mm

1H-039 **05011139**

6 Compartments - Large
- 310 x 200 x 80mm

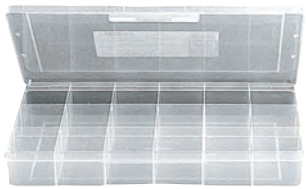
1H-095 **05018037**

8 Compartments - Extra Deep
- 350 x 270 x 100mm

1H-098 **05018040**

12 Compartments - Large
- 310 x 200 x 48mm

1H-093 05018039



18 compartments - Large
- Dimensions (WHD): 310 x 45 x 200mm

1H-094 05011170

20 Compartments - Small
- WHD: 355 x 55 x 275mm

1H-097 05011175

STOR-PAK BIN RANGE

- High quality bins moulded in tough blue durable polypropylene with angled front for easy picking access
- Can be stacked free standing if required
- Includes card holder for contents identification
- Ideal for Garages, Workshops, Showrooms, Vans etc
- Made in Australia

Extra small
- WHD: 100 x 60 x 118mm

STB5 05018029

Small
- WHD: 100 x 85 x 175mm

STB10 05018017

Medium
- WHD: 133 x 125 x 225mm

STB25 05018009

Medium
- WHD: 203 x 165 x 280mm

STB60 05018002

Large
- WHD: 410 x 165 x 280mm

STB120 05018005

Large
- WHD: 410 x 215 x 445mm

STB240 05018007

FISCHER TOOL BOXES

- Ideal for garages, workshops, showrooms, vans etc.
- Made from tough and durable polypropylene
- Fold down handle, & strong plastic catches
- Includes lift out tray
- Made in Australia

13" Tool box
- (HWD): 210 x 410 x 205mm

1H-125 53652800

19" Tool box
- BONUS two handy parts boxes included
- (HWD): 260 x 450 x 265mm

1H-126 53652808

2 DRAWER TOOL BOX

- Includes liftout tray
- Designed and made in Australia
- Handy lockable drawers
- All plastic construction - co-polymer
- Handle & Clips - A.B.S. ■ Strong and durable
- Ideal for Tradesman or Handyman
- 400 x 230 x 250mm

1H-127 53652809

ROLA-CASE STORAGE DRAWER

- For easy storage & handling of accessories and tools
- Take your storage system where ever you go
- Storage flexibility
- Adjustable partitions made from high impact ABS plastic
- Permanent mobile or workshop storage
- Quick identification ■ Each case separately locked
- Size: 368 x 85 x 370mm(WHD)

RC001 05015033

ROLA-CASE FRAME

- A strong stackable dark brown metal frame, designed to hold 3 x Rola cases
- Dimensions (WHD): 355 x 420 x 460mm
- Box not included

RC3FR 05015049

EZY-PAK CARRY CASE BLUE

- 21 compartments
- A.B.S. base & clip
- Clear polycarbonate lid
- Removable dividers to create larger storage area
- Easy grip handle ■ Base legs
- Easy to open & close lid
- Carry case as used in modular unit
- Australian Made

1H-150 05018042

LOUVRE PANEL

- Heavy Duty plastic louvre panel to attach STB bins to workshop wall or service van..
- Can hold up to.. 9 x STB25 Bins or 16 x STB10 Bins
- Made in Australia

IH083 05018000

J

TEST EQUIPMENT

MULTIMETERS - ANALOGUE

ANALOGUE MULTIMETER - KYORITSU

- Mirrored scale for easy and accurate reading
- Fuse and diode protected circuit (except 15A AC range)
- Output terminal to cut off DC component when measuring AC voltage
- Safety designed input terminals and test leads

Specifications:

DC V	0.1~1000V	±3% of FS (20kΩ/V)
AC V	10~1000V	±3% of FS (9kΩ/V)
DC A	50μA~250mA	±3%
AC A	15A	±3%
Ω	2/20kΩ/2/20MΩ	±3%
Decibel	-10~+62dB	
hFE	0~1000 (Ω × 10)	±3%

Accessories:
7085(Test Leads), 8901(0.5A/250V fuse) × 2, R6P(AA) × 2, 6F22 × 1

1109KY **44426182**

MULTIMETERS - AUTOMOTIVE

AUTOMOTIVE DIGITAL MULTIMETER - DOSS

- LCD Display
- Drop-Proof Holster
- Full protection on all ranges
- Easy battery replacement

Specifications:

DC V	200mV - 200V
DC C	200mA - 15A
Resistance:	200Ω - 20mΩ
Impedance:	10 MΩ
Display:	3½" LCD with a max reading of 1999
Polarity:	Automatic Negative Polarity Indication
Power:	Single standard 9V Battery
Tachometer:	0 - 12000 RPM

DM1440 **44488090**

MULTIMETERS - DIGITAL

DIGITAL MULTIMETER - DOSS

General Purpose, Low Cost DMM in sturdy safety yellow case, complete with shrouded safety probes.

- Test current (0.8mA)
- Square Wave Output.
- Diode and Audible Continuity Test.
- 3.5 digit LCD with a Max. reading of 1999
- Inbuilt hFE transistor tester
- Low battery indication

Specifications:

DC V	200mV~1000V	+/- 0.5%
AC V	200V~750V	+/- 1.2%
DC C:	20mA~10A	+/- 1.0%
AC C:	2mA~10A	+/- 1.5%
Resistance:	200 Ohm ~ 2M	+/- 1.0%
Capacitance:	2nF, 20nF, 2uF, 200uF	+/- 2.5%

DM150 **44488095**

DIGITAL MULTIMETER BACKLIGHT - DOSS

The DM830L is small enough to fit in your jacket pocket, yet powerful enough to handle the tough jobs. Popular among students and hobbyists, this meter was designed with safety, price, and performance in mind.

- 3 1/2 Digit LCD display with Max. reading of 1999
- High Safety Design ■ Protective Holster
- Data Hold ■ Audible Continuity
- LCD backlight for easy reading
- Diode Test and Transistor hFE Test
- Overload Protection
- Low Battery, Over range & Polarity Indication

Specifications:

DC V	200mV ~ 600V	+/- 0.5%
AC V	200V ~ 600V	+/- 1.2%
DC C	20mA ~ 10A	+/- 1.0%
Resistance:	200 Ohm ~ 2M	+/- 1.0%

DM830L **44488098**

DIGITAL MULTIMETERS - FLUKE

The new Fluke 287/289 multimeters provide you the features you need to maximize productivity more than ever before, including higher accuracy, more useful data at a glance, and greater troubleshooting convenience. With the ability to log data and review it graphically on the large display, you will be able to solve problems faster and help minimize downtime, while working at several locations at the same time.

NEW

- Large 50,000 count 320x240 (1/4 VGA) dot matrix display
- Logging function with Trend Capture for easy review of logged data
- Multiple readings per display provide more information at a glance
- "i"-info button for convenient on-board help
- PC interface for easy data transfer

287F **44482572**

In addition, the Fluke 289 provides:

- Lo Pass filter for motor drive measurements
- LoZ – Low impedance function to prevent false ghost voltage" readings
- Low ohm measurements (50 Ω range) for motor winding applications

289F **44482575**

110 SERIES TRUE RMS MULTIMETERS - FLUKE

115 for field service testing
An everyday multimeter for technicians, the 115 is optimized for electrical and electronic testing in field service, industrial, and applications where more than basic functionality (such as measurement of ac/dc current) simplifies working.

116 with temperature and microamps
The 116 is for heating, ventilation and air conditioning (HVAC) engineers. It includes temperature measurement and microamp current ranges to quickly troubleshoot HVAC problems.

117 for electricians with non-contact voltage
For electricians working in commercial and noncommercial premises (like hospitals and schools). It includes extras like non-contact voltage detection to help get the job done faster and safer.

	115	116	117
True RMS readings	AC	AC	AC
Counts	6000	6000	6000
Backlight	■	■	■
Analog bargraph	■	■	■
AutoVolt: Automatic AC/DC voltage selection		■	■
VoltAlert™, Non-contact voltage detection			■
Built-in thermometer for HVAC applications		■	
LoZ: low input impedance to prevent ghost voltage		■	■
Min/Max/Average to record signal fluctuations	■	■	■
Resistance, continuity	■	■	■
Frequency, Capacitance, Diode test	■	■	■
Microamps to test flame sensors		■	
Display hold	■	■	■
Auto/manual ranging	■	■	■
Compact case with removable holster	■	■	■

Functions	Maximum	Max. resolution	115	116	117
Voltage DC	600V	1mV	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
Voltage DC	600V	1mV	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Current DC	10.00A	1mA	±(1.0%+3)		±(1.0%+3)
Current DC	10.00A	0.01A	±(1.5%+3)		±(1.0%+3)
Resistance	40MΩ	0.1Ω	±(0.9%+1)	±(0.9%+1)	±(0.9%+1)
Capacitance	10000µF	1nF	±(1.9%+2)	±(1.9%+2)	±(0.9%+1)
Frequency	50kHz	0.01Hz	±(0.1%+2)	±(0.1%+2)	±(0.1%+2)
Temperature	-40/+400°C	0.1°C		±(1.0%+2)	

CAT III
TRUE RMS
3 YEAR WARRANTY

115F	44482292
116F	44482294
117F	44482296

170 SERIES TRUE RMS MULTIMETERS - FLUKE

CAT III TRUE RMS LIMITED LIFETIME WARRANTY

The 170 Series have the features needed to find most electrical, electronic, electro-mechanical and heating and ventilation problems. They are simple to use and have significant improvements over Flukes original 70 Series like, True-RMS, frequency, capacitance, temperature, min-max record, conformance to the latest electrical safety standards, and a much larger display that's easier to view.

- True RMS voltage and current measurements
- 0.09% basic accuracy (177, 179)
- 6000 count resolution
- Digital display with analog bargraph and backlight (177, 179)
- Manual and automatic ranging
- Display Hold and Auto Hold
- Frequency and capacitance measurements
- Resistance, continuity and diode measurements
- Temperature measure (179)
- Min-max-average recording
- EN61010-1 CAT III 1000V / CAT IV 600V
- Measures twice as fast as other multimeters

175F	44482517	
177F	44482532	with backlight
179F	44482540	backlight & temp.

175F

177F
- 0.09 basic accuracy
- with backlight

179F
- 0.09 basic accuracy
- with backlight
- temperature

Voltage DC	
175 - Accuracy*	± (0.15%+2)
177-179 Accuracy*	± (0.09%+2)
Max. Resolution	0.1 mV
Maximum	1000 V
Voltage AC	Accuracy* ± (1.0%+3)
Max. Resolution	0.1 mV (max. 1000 V)
Current DC	Accuracy* ± (1.0%+3)
Max. Resolution	0.01 mA (max. 10 A)
Current AC	Accuracy* ± (1.0%+3)
Max. Resolution	0.01 mA (max. 10 A)
Resistance	Accuracy* ± (0.9%+1)
Max. Resolution	0.1 W (max. 50 MW)
Capacitance	Accuracy* ± (1.2%+2)
Max. Resolution	1 nF (max. 10,000 µF)
Frequency	Accuracy* ± (0.1%+1)
Max. Resolution	0.01 Hz (max. 100 kHz)
Temperature	179 - Accuracy* ± (1.0%+10)
Max. Resolution	0.1°C
Range	-40°C/400°C
Safety Specifications	
Overvoltage category	EN 61010-1~1000 V CAT III.
	EN 61010-1 to 600 V CAT IV.
Agency Approvals	UL, CSA, TÜV listed and VDE Pending

J

DIGITAL MULTIMETER - KYORITSU

NEW

Standard Accessories:
- Test Lead ■ Battery
- Manual ■ Holder

Specifications:

DC V
400mV/4/40/400/600V(Input Impedance 10MΩ)
±0.6%rdg±4dgt(400mV/4/40/400V)
±1.0%rdg±4dgt(600V)
AC V
400mV/4/40/400/600V(Input Impedance 10MΩ)
±1.6%rdg±4dgt(20~400mV)
±1.3%rdg±4dgt(4/40V)
±1.6%rdg±4dgt(400/600V)
DC A
400/4000μA/40/400mA/4/10A
±2.0%rdg±4dgt(400/4000μA)
±1.0%rdg±4dgt(40/400mA)
±1.6%rdg±4dgt(4/10A)
AC A
400/4000μA/40/400mA/4/10A
±2.6%rdg±4dgt(400/4000μA)
±2.0%rdg±4dgt(40/400mA/4/10A)
Ω
400Ω/4/40/400kΩ/4/40MΩ ±1.0%rdg±4dgt(400Ω/4/40/400k&Om ega;/4MΩ)
±2.0%rdg±4dgt(40MΩ)
Continuity buzzer: 400Ω(Buzzer sounds below 70Ω)
Diode Test:4V Release Voltage:Approx. 0.4mA Test Current
Capacitance Test:40/400nF/4/40/100μF
Frequency:5.12/51.2/512Hz/5.12/51.2/512kHz/5.12/10MHz

1009KY **44488252**

TRUE RMS DIGITAL MULTIMETER - UNI-T

Standard Accessories:
- Test Lead ■ Battery ■ English Manual ■ Test Clip
- RS232C Interface Cable ■ Software ■ Holster

Specifications:

DC V	80mV~1000V	(0.05%+10)
AC V	800mV~1000V	(0.8%+20)
DC Current	80mA~10A	(0.2%+40)
AC Current	80mA~10A	(0.5%+40)
Resistance	800W~80MW	(0.3%+40)
Conductance:	80nS	(2%+120)
Capacitance:	1nF100mF	(2%+3)
Frequency:	1kHz~1MHz	(0.02%+1)
Duty Cycle:	1%~99.9%	

UT70D **44488210**

POCKET SIZED MULTIMETER - UNI-T

Standard Accessories:
- Test Lead ■ Battery
- English Manual ■ Vinyl Holder

Specifications:

DC V	400mV~300V	(0.8%+1)
AC V	4V~300V	(1.2%+3)
Resistance:	400W~40MW	(1%+2)
Capacitance:	4nF~200μF	(4%+3)
Frequency:	10Hz~100kHz	(0.5%+3)
Duty Cycle:	0.1%~99.9%	
Max. Display:	3999	

UT10A **44488215**

BENCH TYPE DIGITAL MULTIMETER - UNI-T

NEW

Standard Accessories:
- Test Lead ■ Batteries ■ AC220V Power Cord
- English Manual ■ Alligator Clip ■ Software
- Point Contact Temperature Probe ■ Test Clip
- RS232C Interface Cable ■ USB Interface Cable

Specifications:

DC Voltage	600mV/6V/60V/600V/1000V	
400mV/4V/40V/400V/1000V		(0.025%+5)
AC Voltage	600mV/6V/60V/600V/1000V	
4V/40V/400V/1000V		(0.4%+30)
AC Bandwidth	100kHz	
DC Current	600mA/6000mA/60mA/600mA/10A	
400mA /4000mA/40mA/400mA/10A		
(0.1%+15)		
AC Current	600mA/6000mA/60mA/600mA/10A	
400mA/4000mA/40mA/400mA/10A		
	(0.7%+15)	
Resistance	600W/6kW/60kW/600kW/6MW/60MW	
400W/4kW/40kW/400kW/4MW/40MW		
	(0.3%+40)	
Capacitance	6nF/60nF/600nF/6mF/60mF	
/600mF/6mF		
40nF/400nF/4mF/40mF/400mF/4mF/40mF		
(1%+20)		
Temperature (oC)	-40oC ~ 1000oC	
(1%+30)		
Temperature (oF)	-40oF ~ 1832oC	
(1.5%+50)		
Frequency	6kHz/60kHz/600kHz/6MHz/60MHz	
40Hz/400Hz/4kHz/40kHz/400kHz/		
4MHz/40MHz/400MHz		(0.01%+8)

UT804 **44488225**

TRUE RMS DIGITAL MULTIMETER - UNI-T

Standard Accessories:
- Test Lead ■ Battery ■ English Manual
- Point Contact ■ Temperature Probe ■ Test Clip
- RS232C Interface Cable ■ Software

Specifications:

DC V	400mV~1000V	(0.8%+1)
AC V	4V~750V	(1%+5)
DC C	400mA~10A	(1%+2)
AC C	400mA~10A	(1.5%+5)
Resistance:	400W~40MW	(1%+2)
Capacitance:	40nF~100mF	(3%+5)
Temperature:	-40oC ~ 1000oC	(1%+3)
Frequency:	10Hz-10MHz	(0.1%+3)
Duty Cycle:	0.1%~99.9%	

UT60E **44488205**

KIT PACKAGE WITH - KYORITSU

NEW

Kit Includes:
3132A Insulation Tester
KT115 Digital Multimeter
- Display: 4000 counts
- Auto range and manual range selector
- Diode and Capacitance test feature
- Relative measurement Resistance range provides audible continuity test
- Direct current measurement up to 10A AC and DC.
- Designed to international safety standard IEC61010-1 CAT
- Includes: Test Leads, Batteries, Instruction manual, Certificate of Conformity

KT200 Digital AC Clampmeter
- 400A AC digital clamp meter ■ 33mm jaw
- Data hold function ■ AC current/voltage
- Resistance ■ Continuity buzzer ■ Sleep feature
- Designed to IEC61010-1(CAT III), UL3111 & VDE0411300V
- Includes batteries and test leads

6141KY **46450001**

T100 SERIES 2 POLE TESTERS - FLUKE

The fast and easy solution to voltage, continuity and resistance measurements

Ideal for site conditions, the 3 models of the T100 Series 2-pole testers have a rugged construction and ergonomically formed housing for perfect handling. All models offer a patented three-phase rotation detection system providing quick phase rotation indication. Moreover they have a special electrical torch function for working in low light level environments and have an ingress protection rating of IP65. The T100 Series are compliant with EN 61010-1 and EN61243-3 requirements.

T100
- 12 LED

T120
- 3½ digit LCD

T140
- 3½ digit LCD
- Backlight
- Resistance

	T100	T120	T140
Display	12 LED	3½ digit LCD	3½ digit LCD
LED bargraph	■	■	■
Display backlight			■
Resistance measurement			■
Voltage test	■	■	■
Continuity test	■	■	■
Phase sequence	■	■	■
Polarity identification	■	■	■
Illumination lamp	■	■	■
Characteristics:			
AC/DC Voltage	12-690 V	12-690 V	12-690 V
Continuity	0-400 kΩ	0-400 kΩ	0-400 kΩ
Frequency	0-400 Hz	0-400 Hz	0-400 Hz
Phase sequence	100 to 690 V	100 to 690 V	100 to 690 V
Resistance measurement			to 1999 Ω
Response time	< 0,1 s	< 0,1 s	< 0,1 s

T100	47054010
T120	47054015
T140	47054020

600V MULTI TESTER - FLUKE

(with open jaw current)

The Fluke T5 Electrical Testers let you check voltage, continuity and current with one compact tool. With the T5, all you have to do is select volts, ohms, or current and the tester does the rest.

Open Jaw current lets you check current up to 100A - without breaking the circuit. Its tough test leads stow neatly in the back of the tester, making it easy to tote the T5 in your tool pouch.

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000 Ω
- Easy and accurate Open Jaw current measurement
- Continuity beeper

T5-600 47054045

MULTIMETERS - ACCESSORIES

TEST LEAD SET - FLUKE

- Leads: Silicone Insulated 40 in. (1m), Right Angle Shrouded Banana Plugs, 300V CAT III 10A, CE Approved, Pair Black/Red
- Probes: Stainless Steel Tips Molded to Leads, 300V CAT III 10A, CE Approved, Pair Black/Red
- Alligator Clips: Alligator Clip snaps onto Probe Tip, 300V CAT III 5A, Pair Black/Red
- Other Accessories: Probe Tip Extender, Insulated, Snaps onto Probe Tip, 300V CAT III 3A, Pair Black/Red
- Also Includes: Zippered, Vinyl Soft Case

TL80A 46011525

REPLACEMENT TEST LEADS - FLUKE

Comfort grip probes with PVC insulated leads. Super strong tips with integral strain relief for long service life.

- Safety shrouded right angle 4mm plugs.
- Length: 1.2Metres
- Rating: 1500V 10A

TL75 46011599

CARRY HOLSTER FOR 10, 11 & 12 - FLUKE

Snap on holster for 10, 11 & 12 meters, shock absorbing design with in-built stand & hanger loop. Molded hanger loop can be used as a stationary probe holder allowing one hand to hold, operate, and contact test points.

C10HOLS 46011550

CARRY CASE FOR MODELS 10, 11 & 12 - FLUKE

Vinyl case for models 10,11 & 12 metres. Inside pockets are designed to carry a meter, manual and test leads. Comes with hanging loop.

C12CASE 46011553

SOFT CASE FOR 21, 23, 29, 50 & 70 - FLUKE

Vinyl case with belt loop for 21, 23, 29, 50 & 70 series without holster. Holds meter, manual, & leads ready for testing.

C50 46011562

LEATHER CASE FOR 25 & 27 - FLUKE

For Fluke 25 or 27 meters, also suits 21, 23, 29, 50, 70 Series meters in C70 holster, or 80 series in C81 holster. Water resistant zipper, two inside pockets for test leads and small accessories.

C25	46011560

LEATHER CASE FOR 8020A - FLUKE

Similar to C25 but smaller, and without accessory storage pockets. Holds: Fluke 21, 23, 29, 50 or 70 series meters in C70 holster. Also suits 8020A. Not suitable for 25, 27 or 80 series.

C90	46011581

HOLSTER TO SUIT T2 AND T5 - FLUKE

The H5 is a tough nylon holster for the T5-600 and T5-1000 electrical testers. The H5 includes a flap for test lead storage, and an inbuilt belt loop.

- Size: (LWD): 330 x 80 x 40 mm

H5	46011598

MULTIMETER FUSES - FLUKE

11A 1000V 80-III FUSE

11AMP 1000V Spare fuse for Fluke 80-III DMM

FMF11A	46011600

440MA 1000V 80-III FUSE

440MA 1000V Spare fuse for Fluke 80-III DMM

FMF440M	46011602

1AMP FUSE

Current: 1A Voltage: 600V (Single)

BBS1	46011604

2AMP FUSE

Current: 2A Voltage: 600V (Single)

BBS2	46011605

15A FUSE

15A 600V Fuse

KTK15	46011620

20AMP FUSE

Current: 20A Voltage: 600V (Single)

KTK20	46011622

MULTIMETER HANGING KIT - FLUKE

Hang your meter almost anywhere! Allows you to hang your meter on a nail, hook or other object. You can add a piece of rope, flexible wire or cable to hang the meter in almost any position.

TPAK includes:

- Universal hanger
- Magnet
- 43 cm and 23 cm "hook-and-loop" hanger straps

NEW

TPAK	46011529

CLAMP-ON PROBES

- 4 mm socket accepts shrouded 4mm plug lead (XMS402 type)
- Operating Voltage : 1000V AC/DC
- Insulated frame body
- Grip opening: max. 7mm
- 50mm long guide shaft

GRIPB50B	46011765	Black
GRIPB50R	46011766	Red

METERS - CLAMP

CLAMP METERS

A clamp meter (clamp-on ammeter) is a type of ammeter which measures electrical current without the need to disconnect the wiring through which the current is flowing.

Clamp meters are also known as tong testers or Amprobes, (after one of the first vendors of such devices).

DIGITAL CLAMP MULTIMETER - UNI-T

Special Functions:

- Auto Ranging
- Diode
- Continuity Buzzer
- Max hold
- Data hold
- Full Icon Display
- Sleep mode
- Low Battery Display

Standard Accessories:

- Test Lead
- Batteries
- Point Contact Temperature Probe
- Carrying Bag

Specifications:

DC V	200mV~600V	(0.8%+1)
AC V	2V~600V	(1.2%+5)
AC C	2A~400A	(1.5%+5)
Resistance:	200W~20MW	(1%+2)
Temperture(°C):	-40°C~1000°C	(1%+3)

UT202	44488220

DIGITAL CLAMP METER - KYORITSU

- Designed to meet international safety standard IEC61010-1 CAT. IV 600V
- CAT.IV Clamp Meters can measure the Voltage and Current in both very low and high power circuits
- Thus, very useful for power distribution companies, power utilities and maintenance fields
- True RMS enables an accurate measurement
- Red LED, as "Non Contact Voltage" function, gives warning to the user on the presence of AC Voltage
- Double molding gives comfortable feeling in palm
- 6039 counts with Bar Graph display
- MIN/MAX function

NEW

Specifications:

AC A	0~600.0A	±2.0%rdg±5dgt (50/60Hz) ±3.5%rdg±5dgt (40~500Hz)
DC A	0~600.0A	±1.5%rdg±5dgt
AC V	6/60/600V Auto Ranging	±1.5%rdg±4dgt (50/60Hz) ±3.5%rdg±5dgt (40~400Hz)
DC V	600m~600V Auto Ranging	±1.0%rdg±3dgt
Ω	600~60MΩ Auto Ranging	±1%rdg±5dgt (600~6M) ±5%rdg±8dgt (60M)

KEW2046R	46440001

MATE DIGITAL METER (WITH OPEN CLAMP SENSOR - KYORITSU

NEW

- Capable of measuring AC and DC currents up to 100A with OPEN CLAMP SENSOR
- 3400 counts with bargraph display
- Pocket size and heavy duty design
- Sleep function to save battery consumption
- Designed to international safety standard IEC61010-1 CAT.III 300V

DC A	0~100A	±2%rdg±5dgt
AC A	0~100A	±2%rdg±5dgt (50/60Hz)
DC V	0~600V	±1.5%rdg±4dgt
AC V	0~600V	±1.5%rdg±5dgt(50~400Hz)
Resistance:	340Ω~34MΩ	±1%rdg±3dgt (±5%rdg±5dgt) (±15%rdg±5dgt)
Frequency:	0~10kHz	±0.1%rdg±1dgt

KEW2001	46440002

DIGITAL CLAMP METER - UNI-T

Special Functions:
- Auto Ranging ■ Diode ■ Continuity Buzzer
- Relative Mode ■ Data Hold ■ Display Backlight
- Full Icon Display ■ Sleep Mode
- Jaw Opening Light ■ Max. Jaw Size 40mm
- Low Battery Display

Specifications:

DC V	400mV~600V	(0.8%+1)
AC V	4V~600V	(1.2%+5)
AC C	400A~1000A	(2%+5)
Resistance:	400W~40MW	(1%+2)
Capacitance:	4nF~200mF	(3%+5)
Temperature(oC):	-40°C~1000°C	(1%+3)
Frequency:	10Hz ~ 10MHz	(0.1%+3)
Duty Cycle:	0.1% - 99.9%	

UT206 **47461265**

MILLIAMP PROCESS CLAMP METER - FLUKE

NEW

- Measure 4-20 mA signals without breaking the loop with this new, compact clamp meter for PLC and control systems analog I/O
- The detachable clamp with extension cable allows you to take measurements in tight locations, and the built-in spot light illuminates hard to see wires in dark enclosures

Use the 771 to:
- Measure mA signal for PLC and control system analog I/O
- Measure 4 to 20 mA output signals from transmitters without breaking the loop. Count on best in class accuracy of 0.2%
- Measure mA signals with 0.01 mA resolution

771F **47461004**

TRUE RMS CLAMP METERS - FLUKE

NEW

A True-rms clamp meter that measures ac/dc current and voltage, ohms, display hold, motor start-up current (inrush) with large display and backlight.

Includes:
- Coated instruction card ■ Safety information sheet
- Soft carrying case ■ TL75 test leads
- Two AA Alkaline batteries

Fluke 335 - A True-rms clamp meter, large backlit display, measures ac amps, ac/dc volts, ohms and motor start-up current
- Dimensions 335F: 240mm x 80mm x 40mm

Fluke 336 - A True-rms clamp meter that measures ac/dc current and voltage, ohms, motor start-up current with large display and backlight
- Dimensions 336F: 250mm x 80mm x 40mm

335F **47461000**
336F **47461002**

METERS - PANEL

1MA DC PANEL METER

- SEW Meter movements are constructed around a full size permanent magnet assembly
- Movements are not susceptible to stray fields
- Only high precision jewel and pivot suspension mechanisms are used
- Size: 51 x 51mm ■ Scale: 51 x 31mm
- Barrel Diameter: 45mm
- Bolt Centres: 38mm ■ Range: 1mA DC

ST45-1MA	**46181065**	1mA
ST45-10A	**46181129**	10A
ST45-20V	**46181161**	20V
ST45-30V	**46181177**	30V

OSCILLOSCOPE

20MHZ DUAL TRACE CRO

- Supplied with two sets of probes
- 135mm CRT with internal graticule
- Sensitivity of 5mV/DIV
- Bandwidth DC to 20MHz
- Dual Channels
- Hold off control
- Sweep SPEED 0.5n/DIV~0.2µs/DIV
- Stable synchronising of TV signals
- Alternate triggering
- Accuracy x1:±3%

DC908 **46412005**

60MHZ OSCILLOSCOPE PROBE KIT

Switched X1, X10, 60MHz oscilloscope probe
Complete with:
- Sprung hook ■ BNC connector
- Compensating trimmer ■ Earth clip
- Cable length: 1.2 m

GCP210 **46422010**

250MHZ OSCILLOSCOPE PROBE KIT

- Switched X1, X10
- Attenuation: 1: 1
- Bandwidth: DC to 25 MHz
- Rise time: 14ns
- Input resistance: 1M (scope input)
- Input capacitance: 90pf (+scope input)
- Working Voltage:200VDC
- AC Attenuation: 10: 1
- Bandwidth: DC > 250 MHz
- Rise time: < 1.4ns
- Compensation range: 10pf to 50pf
- Input resistance: 9M 1%
- Working Volts: 500VDC
- Cable length: 1.2 m
- Accessories supplied: Test hook spring loaded, I.C Testclip, Insulating tip, BNC Adaptor, Compensating tool, 20cm ground lead, Probe tip

HP9250X10 **46422017**

J

SATELLITE

SATELLITE FINDER

NEW

Easily setup satellite dishes on RVs, motor homes, picnic tables, truck, decks roofs, or any where you want to setup your dish.

Satellite Finder Signal Meter displays signal strength, according to dish position, with an easy-to-read analog needle, allowing you to make necessary adjustments without having to yell back and forth from the window. The Satellite Finder quickly installs between the satellite dish and receiver. Satellite Signal Meter is powered by satellite receiver, so there's no additional power connection.

- 75 ohm BS type F outlet
- Inside installed micro lamp and buzzer
- Input frequency: 950 - 2250MHz
- Min. input level: -40dBm
- Max. input level: -10dBm
- Dimensions: 77 (W) x 35 (D) x 61 (H) mm
- Gain: 17dB
- Input Frequency: 950 ~ 2300 GHz
- Power: 13 ~ 18 V DC (from receiver)

SF95 **46932005**

TERRESTRIAL FIELD STRENGTH METER - HILLS

NEW

- Direct selection of: custom memory plan, program, channel, frequency, dc at RF IN, with front panel keyboard ■ Frequency band: 44–870 MHz
- Frequency resolution: 62.5 KHz
- Input impedance: 75 ohm
- Interchangeable input connector: "F" ("IEC" or "BNC" or "N" optional)
- Power supply at RF IN: OFF, + 5 V (0.2 A)

HT2 **44201295**

TERRESTRIAL AND SATELLITE FIELD SIGNAL - HILLS

NEW

- Direct selection of: memory plan, programme, frequency, LNB, DiSEqC, with front panel key board
- Frequency Band: 930–2250 MHz
- Input impedance: 75 ohm
- Interchangeable input connector: "F" ("IEC" or "BNC" or "N" optional)
- Power Supply at RF input: OFF, +13, +18 V, 22 kHz (0,3 A) (with ON/OFF key

HST2 **44201299**

DIGITAL SIGNAL STRENGTH METER - DIGIAIR

NEW

DIGIAIR PRO TV Antenna Signal Meter Alignment with Digital Readout
Measure the Strength of Up To 6 Channels at once

- Developed for exact adjustment and alignment of terrestrial antennas (off-air)
- LCD display for signal strength in form of thermometer scales and number 0-99
- Single channel or six channels at the same time
- You can feed voltage (5 Volt) to external active-amplified antennas. Short-circuit protection by automatic fuse ■ Audible beep
- Charged via External DC Power source of 14-20 V

DIGIAIRDB **44201260**

TESTERS - APPLIANCE

PORTABLE APPLIANCE TESTER - KYORITSU

NEW

The 6201 is a hand-held portable appliance tester, performing four functions to ensure the Safety of ClassI, ClassII and ClassIII 240V appliances and also can measure the mains voltage

- Measuring Range: 180~260V (50/60Hz)
- Supply Voltage: 207~264V
- Frequency:50/60Hz±1% ■ Weight: 1kg
- Dimension: 185 (L) × 167 (W) × 89 (D) mm

Accessories:

- Power Cord ■ Test Leads with Alligator Clip
- Flat Test Bar ■ Shoulder Strap
- 7140(Adapter for Extension Cord) ■ Probe Case
- Instruction Manual

6201AKY **46460001**

TESTERS - INSULATION

ANALOGUE INSULATION/ CONTINUITY TESTER - KYORITSU

NEW

- Linear, easy-to-read scale
- Test Voltage: 250V/500V/1000V
- Measuring Ranges: Mid-scale Value 100MΩ/200MΩ/400MΩ (1MΩ) (2MΩ) (4MΩ)
- Nominal Current: 1mA DC min.
- Measuring Ranges: (Mid-scale Value) 3Ω/500Ω (1.5Ω)/(20Ω)
- Output Voltage on open circuit: 4.1V DC approx.
- Measuring Current: 210mA DC min.
- AC Voltage: 0~600V AC ■ Weight: 560g approx.
- Dimensions: 106(L) × 160(W) × 72(D)mm
- Accessories: 7122(Test leads) Pouch for test leads, 8923(F500mA/600V fuse) × 2, R6P(AA) × 6, Shoulder Strap, Instruction Manual

3132A **46430001**

TESTERS - LAN

LAN TESTER UTP/STP/COAX/MOD

LAN test is a newly designed and very practical tester that can easily read the correct pin configuration of 10 Base-T cable (Category 5), 10Base-2 (coax), RJ45/ RJ11 modular cables, 356A, TIA-568A/568B and Token Ring cable by comparing one transmitting end to the corresponding receiving end. With the remote kit it can test cables installed far away either on wall plate or patch panel.

- Easy to verify the cable continuity, open, short and cross-connect
- Can test the grounding
- Features with auto or manual scan for pin-out indicators

CT8 **44365071**

LAN TESTER & DMM COMBO - DOSS

2 in 1 LAN tester & Multimeter is an innovative that allows the user easy to measure DC/AC Voltage/ Current, Resistance, Continuity, diode and verify the cable continuity, open short, cross-connect. The included remote terminator allows the user to test installed cable either at a Wall jack or a patch panel.

- 3-1/2 digit (200 count) LCD display
- LED displays the actual pin configuration of 10BASE-T and 10BASE-02 Thin Ethernet, FJ45/ RJ11 modular, 258A, tia-568a/568b and Token ring cables
- Double moulded housing
- CAT111 600V; CAT11 1000V
- Provides easy to read continuity and fault status display
- Checks for continuity, open wire, ground wire, shorted pair and crossed pair faults
- Allows for remote testing of installed cables from wall jack or patch panel
- Auto or manual scanning
- Auto-ranging with auto power off for multimeter functions

DM1000 **44365075**

CABLE TRACER PROBE & GENERATOR

NEW

The Tone Generator is a highly practical network installation and troubleshooting tool, which features a single or multi-tone signal, two test leads and a 4-conductor modular cable. The signal emitted by the Tone Generator can be easily traced by the Probe, even when cables are in a bundle or hidden in a mess of punch down blocks or wall plates.

Can be used to verify cable continuity, identify wiring faults, determine line polarity and voltage in network (Cat-5 and Coax) and modular telephone lines.

- 2-position switch for single tone or multi-tone signal
- Toggle switch to control 3 modes of operation
- 3-color LED indicator display for telephone line polarity, continuity and voltage testing
- Black & red testing leads & standard 4-pin modular cable for individual wire or modular jack tests
- Convenient compact size and simple application

TS-KIT **44488254**

IR MINI THERMOMETER - FLUKE

Reach for a rugged Fluke 62 IR thermometer for jobs requiring temperature measurement in hard-to-reach, hot, rotating, or dangerous situations.

- Temperatures -30°C to 500°C (-20 °F to 932 °F)
- The Fluke 62 Mini non-contact thermometer is the perfect introduction to infrared (IR) thermometers for the professional
- This compact and portable tool enables professionals to diagnose heating and ventilation problems and monitor the temperature of electrical motors and electrical panels without contact
- Laser sighting ■ Backlit display
- Typical distance to target : Up to 2 m (6 ft)
- Single offset laser ■ Weight: 200 g (7 oz);
- Dimensions: 152 x 101 x 38 mm
- Power: 9 V Alkaline battery (included)
- Also Includes: Protective boot and storage holster

62 FLUKE **47032200**

TESTERS - TEMPERATURE

DIGITAL MULTIMETER - DOSS

Features an extra large display with 25mm high digits as well as an inductance meter with a top range of 20Hz. This is a full-featured meter with a high resistance range of 20M Ohm, 10A current rating, capacitance reading to 200µF, transistor tester and temperature to 800°C. The meter is supplied with temperature probe, rubber holster and probe leads.

- 3.5 Digit Extra Large Display
- 1999 Count ■ Capacitance
- Transistor Test ■ Continuity Buzzer
- Diode Test ■ Temperature
- Inductance ■ Auto-Power Off
- Holster Included

Specifications:

DC V	200mV~1000V	+/- 0.5%
AC V	2V~700V	+/- 1.0%
DC C	2mA~10A	+/- 1.0%
AC C	2mA~10A	+/- 1.5%
Resistance:	200 Ohm~20M	+/- 0.8%
Capacitance:	2nF~200uF	+/- 2.5%
Inductance:	20mH~20H	+/- 2.5%
Temperature:	-20°C to +800 C	+/- 3.0%
Input impedance:	10M Ω	
Dimension:	44 (H) x 91(W) x 194(L) mm	

DM8100 **44488100**

TESTERS - SOUND

SOUND PRESSURE LEVEL METER - DOSS

- Maximum, Data hold, Fast/Slow response time functions ■ Frequency Range: 31.5Hz to 8KHz
- Low range:35 to 100dB ■ High range:65 to 130dB
- Accuracy: ± 3.5dB 1Kz @94dB ■ Resolution:0.1dB
- 9 Volt battery powered ■ Built-in Calibration
- Removable wind shield ■ Battery low indicator
- Built in calibration on front panel ■ Carry Case Incl.
- Hold function for storing the value on the display
- Size: 253 x 64 x 29mm

SPL1588 **47050405**

TESTERS - VOLTAGE

POWERPOINT AND EARTH LEAKAGE TESTER

- Checks most types of power points for correct wiring and also whether the ELCB trips from each power point
- Wiring checks are indicated by combination of lights on the front panel. Apparent faults which the unit will display are: No earth connected, No neutral connected, No active connected, Active and neutral reversed, Active and earth reversed
- Supplied complete with 10amp moulded plug and 400mm cord
- Test current Accuracy: ±1.75 mA at AC 240 V
- Weight: 250 g ■ Complies with AS/NZS3100

QP2000 **44488251**

VOLTAGE ALERT DETECTOR - FLUKE

- Easy to use voltage detector
- Just touch the tip to a terminal strip outlet or cord. When the tip glows red you know there's voltage in the line
- Quickly test for energized circuits and defective grounds, on factory floor, shop or home

1AC-AS **47054050**

VOLTAGE DETECTOR WITH LIGHT - DOSS

Non-contact detection of AC Voltage from 100VAC to 600VAC

- Voltage Finder and Flashlight!
- Bright white LED flashlight, built-in On/Off button
- Flashing red LED light indicator
- For use with 50/60Hz circuits
- Includes 2x "AAA" batteries ■ 176mm x 26mm
- Operating Range: -10°C ~ 50°C ■ 48g inc. batts.

VF2LED **47054052**

TESTERS - TYRE PRESSURE

DIGITAL TYRE GAUGE

- 1/4" LCD Display
- Audible "beep" measurement
- Low Power Consumption
- Sealed-in 3V Lithium Battery
- Microprocessor Controlled
- Accurate repeatable readings
- Range: 2.0 ~ 99.5 PSI (0.15 ~ 7.00 BAR)

SC918 **07050015**

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TERMS AND CONDITIONS

1. Retention of Title:

Goods supplied remain the property of Radio Parts Group until full payment is made. Radio Parts Group reserves the right to reclaim the goods from the buyer's premises if the invoice is not paid by the terms of the contract, nevertheless the goods shall be at the risk of the buyer from the time of delivery.

2. Returns

Radio Parts Group brands - Wintal, Doss, and Pro2 must be sent to our Customer Care Centre at 562 Spencer Street, West Melbourne for under warranty service. Other brands purchased from Radio Parts Group are subject to the warranty terms of the manufacturers or Importers of these products. Refer to the radioparts.com.au service page for a list of manufacturers or Importers and their service centre locations and warranty terms.

To claim service under warranty:
The product must be returned with proof of purchase within the warranty period, it must be in original condition, not modified or mistreated in any way and it must not have been serviced elsewhere.

To claim replacement:
Replacement of new products that are damaged on delivery, or faulty from new requires a proof of purchase by the operator of the product, it must be within 14 days of purchase date, and be in original condition with undamaged packaging and be returned with all accessories included.

To claim a credit or refund:
Incorrectly supplied products will be credited when goods are returned. Credit authorization requires notification of credit claim within 7 days of delivery.
Credit for products not required:
Goods supplied that have been incorrectly ordered or are not required by the customer may, at Radio Parts discretion be credited less a 20% restocking fee.

Procedure for returning products:
The radioparts.com.au website offers an on-line facility where customers can enter the details of the product and the service required, the completed form is reviewed by Customer Care who email or FAX your RA number, this unique number is used to trace your product from when you send it to us until we return it to you.
The RA number should be printed on the outside of the carton, which you can deliver or send freight prepaid to our Customer care centre.
When your product arrives at Radio Parts it is entered into the computer as goods received .
The Service Centre aims to service and return products within 14 (fourteen) days. Products serviced and despatched to you are entered as completed.
After the product is serviced it is bench tested and a report of the work done is included that confirms the product have been checked and are in proper working order.
Your product is returned to you with Radio Parts Customer service prepaying the return freight cost.
Our service centre is staffed by qualified technicians who have experience in servicing our range of products, in many cases a serviced item can be superior to a new unit as our service technicians will upgrade products with higher spec. components if this modification improves the performance and reliability of the product.

3. Cancellation of Orders

Cancellation of orders will not be accepted unless by prior agreement, and then on terms that will compensate Radio Parts Group for the cost of cancellation.

4. Minimum Order Values:

Orders to be delivered -	$20.00	(Inc. GST, plus freight)
Overseas Orders to be delivered -	$250.00	(plus freight)
Showroom Invoices -	$5.50	(inc. GST)

5. Special Orders:

Goods specially bought in on customers request, special orders consist of:

a. Non stock items - $50.00 minimum value per line item
(Note: Delays may occur due to suppliers minimum order value)

b. Orders for bulk quantities - require customer acceptance of price, and estimated delivery date. If the total price exceeds the customers credit limit, payment upon order is required.
Note: A "Special Order Form" is available from our Purchasing Department.

After acceptance of the quote by the customer Special Orders cannot be cancelled or the goods returned unless the Radio Parts supplier agrees to order cancellation and return of the goods.

6. Backorders:

The unsupplied items on an order will be automatically backordered if the line item exceeds $5.00, unless the customer stipulates "no backorders".
The balances of orders will normally be despatched freight free unless;

(a) The entire order is backordered, in this case freight will be charged when the backorder is sent.

(b) In the opinion of Radio Parts Group, the freight cost on the backordered portion of the order is substantial, in this case the full freight will be charged up front, and the backorder will be sent freight paid.

7. Freight:

Prices quoted are ex-Store and delivery costs are payable by the purchaser. Radio Parts has negotiated freight rates with transport companies that are economical and reliable, unless otherwise instructed Radio Parts will automatically despatch orders through these selected transport companies.
Customers with specific carrier choice and special delivery instructions must clearly state these on orders.

Transport methods include:

- Road Freight (Australia Wide) see rates below
- Post (up to 5kg)
- Overnight 'Airbag' service (Capital cities only, up to 5kg)
- Courier (Urgent only, up to 25kg, Melbourne Metro)

Overseas Account Customers:
Freight is prepaid by us and charged to your account. (Check your invoice for actual freight charge).

Mail Order Customers:
Freight is included in payment, and itemised on invoice.
Radio Parts Group delivers goods via road freight to all destinations in Australia. This method will automatically be selected unless you choose another method.
Road Freight charges:

- Up to 5kg: $10 (inc. GST)
- 5kg to 15kg: $15 (inc. GST)
- 15kg or more: $1.00 per Kg (inc. GST)

Melbourne Metropolitan Customers:
All orders over the value of $100 ex. GST will be dispatched free of freight charges for next day delivery to Melbourne destinations.
Melbourne destinations are defined using our chosen freight forwarder, Victoria Express' system. To see if your location is covered, use the updated list provided on the Radio Parts web site - www.radioparts.com.au

8. Liability

Radio Parts Group makes no warranty or guarantee regarding the suitability or replaceability of its products for any particular purpose, nor does Radio Parts Group assume any liability arising from the application or use of any product, including consequential or incidental damage or injury. All operating parameters must be validated by the customers technical experts.

9. Privacy Policy:

Radio Parts Group collect only information from suppliers and customers that is necessary to adequately conduct business. Credit information for accounts 60 days or more overdue may be disclosed to a credit reporting agency. We do not use any personal information we have collected for any other purpose without seeking the individuals consent first.

CATALOGUE TERMS & CONDITIONS

Product features in this catalogue are subject to change without notice. Most products have been photographed in-house and are identical to what you will receive, but manufacturers may make improvements during the life of a product without notice and this may result in a slightly different design. If certain product features are important, please contact our sales department for confirmation before ordering the product. Information presented in this catalogue has been checked and is believed to be correct at the time of printing, however, errors and omissions are accepted. Radio Parts can not guarantee specifications, or features of a product that may change after printing. Radio Parts reserves the right to correct printing errors. All logos used throughout this catalogue are copyright and/or trademark of their respective owners.

RPG RADIO PARTS GROUP

TRADING NAME OF:
RADIO PARTS PTY. LTD.
A.B.N. 95 006 098 719

MAIL ORDER FORM

By signing this form you authorise Radio Parts Group Pty. Ltd. to withdraw funds for goods ordered, on your credit card

CUSTOMER DETAILS

TO: _____ FROM: _____

COMPANY NAME: _____ DATE: _____

ADDRESS: _____

_____

FAX NUMBER: ( ) _____ PHONE NUMBER: ( ) _____

DELIVERY INSTRUCTIONS

ROAD FREIGHT:
* SEE PRICES BELOW ☐

PICKUP FROM RADIO PARTS,
SPENCER STREET: ☐

MELBOURNE METRO DELIVERY:
(FREE FOR ORDERS OVER $100 EX GST) ☐

* Road Freight Charges: will be charged to your credit card accordingly
Okg - 5kg = $10 inc st / 5kg - 15kg = $15 (inc. gst) / 15kg or more = $1 per kilogram inc gst

PAYMENT DETAILS

CARD HOLDER NAME _____

CREDIT CARD NO. ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

EXPIRY DATE ☐☐ / ☐☐ MONTH / YEAR

☐ VISA ☐ MASTERCARD ☐ AMEX ☐ DINERS ☐ BANKCARD ☐ OTHER _____

QUANTITY	CODE	DESCRIPTION

CARD HOLDERS SIGNATURE: _____

PLEASE NOTE THAT YOUR APPLICATION WILL NOT BE APPROVED WITHOUT A VALID SIGNATURE

FAX THIS FORM BACK TO
03 9321 8333

CONTACT DETAILS

RPG RADIO PARTS GROUP

General Enquiries and Phone Sales

Free Call: 1800 337 366

Free Fax: 1800 659 963

Sales Manager

Michael Swann
Mobile: 0404 877 905

Distribution Manager

Danny Swann
Mobile: 0409 882 027

Department Phone Numbers

Phone Sales:	(03) 9321 8300
Accounts:	
A-J:	(03) 9321 8364
K-Z:	(03) 9321 8362
Despatch/ Back Orders:	(03) 9321 8355
Repairs:	(03) 9321 8344
Hi-Fi/ Audio:	(03) 9321 8316
Showroom:	(03) 9321 8329

Location

562 Spencer Street, West Melbourne, VIC 3003 Australia

Opening Hours:

Monday to Friday: 07:30am - 5:30pm
Saturday: 09:00am - 4:00pm
Sunday: Closed

E-Mail: info@radioparts.com.au
Telephone: (03) 9321 8300
Fax: (03) 9321 8333

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RADIO PARTS GROUP

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SERVING TRADE AND BUSINESS FOR OVER 70 YEARS