

**Electronic accessories
product catalogue**

1990 - 1991

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Dear Customer,

Welcome to the third consumer edition of our annual trade catalogue. For the first time in nine years we have produced a 100% full colour presentation of all our products using actual photographs instead of line drawings. This will enable you to more easily identify and select the correct 'Arista Solution' to your accessory requirements.

Our head office and warehouse has recently expanded to new premises to cater for the more than 250 new and revised products introduced for 1990/91 enabling faster turnaround of orders to over 7,500 Arista stockists around Australia.

Recommended Retail Prices are once again shown, and as Arista does not own or franchise any retail outlets, these are for comparison purposes to other brands. This 1990/91 issue is identical in every way to the one given to the retailer, and genuinely allows you, the customer to view products in a simple, non-technical, no frills manner.

All ranges of product have been expanded but particular note should be made of the new **VIDEOCAM** section offering a full range of VHS, Beta, Video 8 and VHS.C camera accessories as well as our **HI FI** and **AUDIOPHILE** ranges represented by 'BST' award winning **TITANIUM HEADPHONES** from Europe, the "MONITOR PC" cables and connectors from Germany, the "HARMONY" speaker range from Taiwan and the "CUTEC" range of mixers, amplifiers, turntables and other consumer electronic equipment for the Disco and Sound Reinforcement market. In addition our range of unique "CARBO" styli recently won a certificate of merit at the 1989 Australian CESA Sound and Image Awards.

We sincerely hope that you will find this 1990/91 edition a useful twelve month guide to your needs and ask that you contact your nearest Arista outlet to assist you further.

Regards

Michael Dean
Managing Director

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Spencer Russell Design P/L

CATALOGUE NUMBERS:

To ensure correct supply of goods ordered, please quote the correct model number shown and brief description of each product when ordering from your retailer.

PACKAGING CODES:

B.P:	Blister Pack	P.B.H:	Poly Bag & Header
BOX:	Plain Box	S.B.P:	Slide Blister Pack
C.S.B:	Clam Shell Blister	V.B.H:	Vinyl Bag & Header
D.B:	Display Box	V.G.B:	Vinyl Gift Box
P.B:	Poly Bag	W.F.B:	Window Faced Box

COLOUR CODES:

A=Aqua	BU=Blue	GN=Green	SG=Silver/Grey
B=Black	BZ=Bronze	O=Orange	V=Violet
BE=Beige	CL=Clear	P=Purple	W=White
BR=Brown	G=Grey	R=Red	Y=Yellow

ARISTA PRODUCT DISTRIBUTOR:

PRICES:

All prices shown are RRP (Recommended Retail Prices) only and include sales tax. Unless otherwise specified all prices shown are for single units only. For the duration of this catalogue, prices may fluctuate due to circumstances beyond our control such as exchange rates, sales tax and import duty variations. Please check with your Arista agent or outlet for price confirmation.

AVAILABILITY:

Government policies and other causes beyond our control such as raw material shortages overseas may affect the availability, specifications and performance of some items.

FOE:

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PRODUCT DISPLAY STANDS AND CABINETS



- ADS1**
25 HOOK WALL DISPLAY STAND
 Each row of hooks are positioned and spaced to easily display and hold back up slide blister packaged stock of our best sellers.
 •Finished in grey acrylic.
 •With "ARISTA" display sign.
 •12cm and 17cm long storage hooks.
 •Dimensions: 830(H) x 710(W) x 180(D)mm



- ADS2**
12 HOOK WALL DISPLAY STAND
 Holds up to twelve of our larger sized slide blister pack and vinyl bag and header packaged products.
 •Finished in black acrylic.
 •With "ARISTA" display sign.
 •16cm hooks hold display & backup stock.
 •Dimensions: 760(H) x 460(W) x 170(D)mm



- BDS1**
BATTERY DISPLAY STAND
 Ideal for counter displays. This stand displays and stocks all types of our button cell, dry cell and rechargeable batteries
 •Finished in black acrylic.
 •With "ARISTA" display/cross reference sign.
 •1cm hooks hold display & backup stock.
 •Dimensions: 420 (H) x 170(W) x 170(D)mm

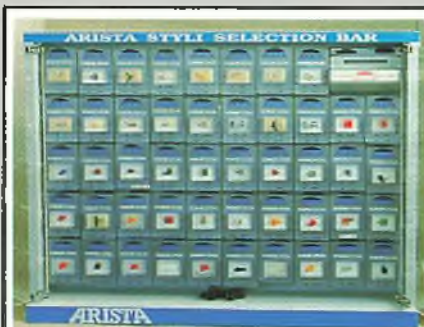
- ADS3 50 HOOK DISPLAY STAND**
ADS4 75 HOOK DISPLAY STAND
 Attractive single or double sided floor display stand finished in white acrylic. Each stand comes complete with 250mm long hooks for displaying, storing and dispensing most sized slide blister pack and vinyl bag packaged Arista products. Also supplied is a large wire hanging basket that can be hooked onto the stand designed to hold and display boxed and non-hanging products.
 Both stands are supported by strong reinforced legs with height adjustable feet. Two sets of legs are supplied, one set designed for holding the stand rigidly in the centre of the display floor and the other set of legs are shorter and are for placing the stand hard up against the wall when floor space is at a minimum.
 •Finished in white acrylic.
 •With "ARISTA" display sign.
 •250mm hooks hold both display and backup stock.
 •ADS3 Dimensions: 1670(H) x 650(W)mm
 •ADS4 Dimensions: 1670(H) x 960(W)mm



- ADS5**
"BST" HEADPHONE DISPLAY STAND
 Attention grabbing black counter display stand with high gloss gold printing designed specifically for displaying our new top end range of Titanium "BST Series" headphones.
 •Finished in gloss black plastic.
 •Holds one of each "BST Series" headphone IE: Models A.010, B.010, C.010 & D.010..
 •Dimensions: 720(H) x 410(W) x 210(D)mm



- ADS6**
4 HOOK COUNTER DISPLAY STAND
 This counter display stand has four wide hooks designed for displaying and storing larger sized blister packaged products such as headphones etc.
 •Finished in white acrylic.
 •With "ARISTA" display sign.
 •14cm long storage hooks.
 •Dimensions: 650(H) x 380(W) x 190(D)mm



- ADS8**
STYLI DISPLAY STAND
 Stylus cabinet designed to present and stock our top 48 styli. The timber cabinet is finished in a silver grey high gloss paint & each unit has transparent swing out doors to keep out dust and prying fingers.
 •Unique post box reordering system.
 •With "ARISTA" display sign.
 •Hooks hold 8 ceramic or 5 magnetic styli
 •Dimensions: 480(H) x 640(W) x 100(D)mm

- MPC2842**
MONITOR PC CABLE STAND
 Designed for displaying storing and dispensing Monitor PC Cable
 •Finished in white acrylic.
 •With "Monitor PC" display sign.
 •Dimensions: 790(H) x 245(W) x 350(D)mm



POINT OF SALE DISPLAY MATERIAL
 Arista also stock the following point of sale display material to enhance and promote your "ARISTA ACCESSORIES BAR".

- ARISTA WALL SIGNS**
 Large fluted wall signs with Arista logo for wall mounting above your accessories.
ARISTA PRINTED CARRY BAGS
 Colourful large polybags with carry handles.
ARISTA RESEALABLE BAGS
 Transparent bags for keeping and supplying plugs, jack & sockets. Each bag also has a white tag for writing model number etc.

NEW ARRIVALS The following items on this page arrived too late for inclusion in their appropriate section of the catalogue



BP4S.B
BP4S.R

STACKABLE 4MM BANANA PLUGS

High quality banana plugs with 4mm spring contact pins and 4mm link sockets for stacking or piggy backing other banana plugs. Ideal for using in conjunction with multimeters and other equipment for testing or designing kits and circuits.

- Screw terminating.
- Cable entry accepts up to 3mm diameter conductors.
- Available in both red and black.
- Cable channel down the side of each plug.

\$2.15



FH006

SPADE FUSE INLINE HOLDER

Inline fuse holder designed to accept up to 30 amp spade fuses. Ideal for replacing standard glass fuses as spade fuses are much easier to change and identify. Spade fuses can also be visually checked for circuit continuity.

- Complete with 180mm of 12 AWG cable.
- Maximum current rating: 30 amp.

40c



PT24

US MODULAR ROTATING ADAPTOR

This unique adaptor comes with a standard 4 way/4 contact US modular plug and socket for simple inline installation. The socket is mounted in a transparent case that rotates a full 360 degrees around the plug. Ideal for connecting to computer keyboards and telephone outlets. Prevents cord damage and separation as the socket freely rotates around the plug regardless of the direction the cord is moved.

\$6.95

DMM4

COMPACT DIGITAL MULTIMETER

High quality bright yellow digital multimeter complete with test leads, battery, spare fuse and manual.

- Easily selectable ranges with large rotary switch.
- 1.5 and 9 volt DC battery tester.
- Automatic polarity and low battery indicator.
- Automatic zero adjustment and overrange indicator.
- Internal shunt allows up to 10 amps in the AC/DC current range.
- Fuse and overload protected.
- 3.5 digit liquid crystal display.
- Fold out desk stand on back of unit.

SPECIFICATIONS:

DC Volts:	0-2-20-200-1000V (+/-8%)
AC Volts:	0-200-500V (+/-1.2%)
DC Current:	0-2mA-20mA-200mA (+/-1.0%) 10A (+/-2.0%)
Resistance:	0-200-2k-20k-200k-2M Ohm (+/-1.0%)
Battery Test:	1.5 and 9 volt DC
Diode Test:	
Battery:	9VDC-006P/216 size (Arista GP1604A)
Size:	130 x 71 x 35mm
Weight:	250 grams
Accessories:	Test leads, manual, spare fuse and battery.

\$69.95

D.B.



FMA15

UHF/VHF/FM AMPLIFIED INDOOR ANTENNA

This 75 ohm coaxial cable indoor antenna has a unique "Bow Tie Loop & Grid Matrix" UHF receiving elements as well as VHF/FM telescopic dipoles. An inbuilt signal amplifier is also incorporated into this antenna designed to add gain to weak incoming UHF/VHF/FM signals. A variable gain control mounted on the base of the antenna allows the incoming signal to be amplified. The telescopic dipoles can be extended to any length between 330mm and 800mm and can be turned in most directions. Both the UHF receiving elements can also be easily rotated to face any direction without having to move the base of the unit. As well as being 240VAC operated the FMA15 has a power on/off indicating LED and is finished in an attractive matt black.

- Suits TV's, VCR's, tuners etc.
- UHF gain: 30dB
- VHF gain: 20dB
- Gain attenuation: UHF 0 - 25dB; VHF 0 - 15dB
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 800mm extended.
- UHF receiver: adjustable "Bow Tie Loop" and "Grid Matrix".
- 75 ohm coaxial cable and PAL plug.
- Black weighted plastic base with rubber feet.
- Power on/off indicating LED.
- Power supply: 240VAC/50Hz.

\$79.95

D.B.



ARISTA STYLUS SYSTEM

The location and correct selection of your replacement stylus is assured if you follow a few simple rules. 165 different brands are catered for in total, and more than 75% of the popular models are shown on page 3 of this catalogue with cross references shown below. Locate the make, model or system No. of your Hi Fi and check the list below for the correct ARISTA replacement No. - If no original No is available, locate the correct photograph on page 2 and note the Arista product No. Ceramic stylus are normally twin tip or "turnover" types, whilst magnetic stylus are single tip only and usually have a coloured plastic holder. These colours may vary on the same stylus depending on the manufacturer. ARISTA ONLY SUPPLY DIAMOND TIPS, NOT SAPPHIRES. A complete and detailed cross reference system is available at your Arista Stylus Stockist for any hard to find models.

CERAMIC

Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model
AGOR:		BSR CONT.		HITACHI:		PANASONIC:		SANYO:		SONOTONE CONT.		TOSHIBA:	
GP83-2	151E	ST10	364F	DS-ST2	521E	EP836	531E	ST-14D	482E	STA	311F	N-3C	521E
GP101	151E	ST11	394F	HMV:		PHILIPS:		ST-GID	521E	STAH	311F	N-11C	482E
BSR:		ST15	399F	HV-19D	91F	AG3306	275F	ST-LGI	521E	TEYRAD:		VACO:	
ST3	288F	ST17	1F	DTS-2	521E	AG3310	275F	2411	521E	C2	91F	SN4	151E
ST4	288F	ST21	39F	NEC:		AG3316	275F	SHARP:		T-20MD	732E	VARCO	
ST5	288F	EUROPHON:		LP40D	482E	AG3324	275F	STY704	482E	T-50HD	735E	SC501	288E
ST6	288F	3000	521E	ONKYO:		GP200	275F	STY707	521E	T-30D	732E		
ST7	288F	GARRARD:		DM-31	39E	GP230	275F	SONOTONE:		T-80D	735E		
ST8	394F	KS40A	56F			GS300	275F	3509	56F	T-90D	735E		

MAGNETIC

Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model	Make & Model	Arista Model
ADC:		AUDIO TECH. CONT.		JVC CONT.		NATIONAL CONT.		PIEZO CONT.		SANYO CONT.		SONY CONT.	
R-K3E	544E	ATN-3711	711K	DT-29H	505E	EP575	725K	YM-121	641E	ST-G2	505E	ND130G	253K
R-K5E	544E	ATS-10	253K	DT-30	253K	EP575STD	714K	YM-123	730E	ST-G5	707E	ND134G	253K
R-K6E	544E	ATS-10L	253K	DT-31	253K	EP575STCSD	714K	PIONEER:		ST-G6	707E	ND135G	618E
R-K7E	544E	ATS-11	253K	DT-33	543E	EP575STHSD	825K	PL-N1	253K	ST-G8	893E	ND138G	714K
R-K8	544E	ATS-11E	253K	DT-33H	543E	EP578	711K	PL-15	62E	ST-G9	796E	ND142G	825K
R-K8E	544E	ATS-12C	253K	DT-35	253K	EP578STED	714K	PL-200	679E	TP-F8	814K	ND143G	316E
R-P30	544E	ATS-12S	253K	DT-36	693E	EP577	725K	PN10	62E	2801K	48E	ND145G	814K
R-P32	544E	CEC:		DT-45	814K	EP577STD	714K	PN11	62E	2811	505E	STANTON:	
R-P33	544E	MC-12B	253K	DT-51	707E	EP577SMD	714K	PN110 MK2	679E	2711	505E	500A	787E
R-P34	544E	MC-16	641E	DT-55W	825K	EP581SMD	814K	PN-135	615E	2811	505E	5107AL	787E
R-P36	544E	MC-17	916E	DT-57	814K	EP582QCS	741E	PN-220	725K	SHARP:		TEAC:	
R-Q30	544E	MC-20S	603E	4DT-35X	253K	EP582QES	741E	PN230	825K	ATN3600L	825K	N-313	806E
R-Q32	544E	RS3	774E	4ST-30X	253K	EP58270	626E	PN250T	814K	MG20R	717E	PCS708	814K
R-Q38	544E	COLUMBIA:		LENCO:		EP58290	576E	PN290T	875E	N-200	253K	TELETON:	
R-OLM30	544E	DSN-7	253K	M-100	26E	EP58290CS	741E	PN295T	814K	N-050	207.O	RP150	505E
R-OLM32	544E	DSN-28	253K	MARANTZ:		EP5840ES	741E	PNK85	807E	STY001	707E	T380	794E
R-OLM38	544E	DSN-30	253K	CT-5	714K	EP58440	741E	PNK85	687E	STY100	549E	TOSHIBA:	
R-SL	544E	DSN-35	253K	CT-45	603E	EP58450ES	741E	PRINZ:		STY101	619E	C32M	814K
R-SQ30	544E	DSN-38	253K	CT-140	614K	EP58451ES	741E	SMC130	707E	STY104	687E	N4CS	207.O
R-SQ31	544E	DSN-44	641E	CT-300	794E	EP58480G	741E	RONNETTE:		STY107	589E	N140Y	253K
R-SQ33	544E	DSN-47	641E	CT-430	814K	EP58510	832H	DM500	26E	STY110	619E	N20C	799E
R-SQ36	544E	DSN-45	707E	CTN-551	911E	EP58520ES	832H	ROTEL:		STY111	619E	N210	746E
R-SV	544E	DSN-48	693E	RS-3	774E	EP58530ES	832H	2RC-4	589E	STY112	569E	N25C	569E
R-SZ	544E	DSN-50	730E	TT-143	613E	EP58540ES	832H	SANSUR:		STY114	687E	N40C	707E
AIWA:		DSN-54	253K	TT-243	613E	EP58550ES	832H	SN6D	207.O	STY115	726K	N55QY	726K
A-1A	693E	DSN-55	868E	MTSUBISHI:		EP58580ES	741E	SN21	207.O	STY116	717E	N58QY	726K
AN5	714K	DSN-57	796E	30-33M	505E	NEC:		SN28	612E	STY117	505E	N57QY	726K
AN6	626H	SUN-68	904E	30-34	549E	ATN-70	726K	SN28	667E	STY118	725K	N58D	686E
AN7	711K	DUAL:		30-40M	253K	ATS-10	253K	SN40X	253K	STY120	717E	N58D	569E
AN10	796E	DN-201	253K	30-42	253K	LP25D	46E	SN43	253K	STY123	825K	N58DY	253K
AN35	693E	DN-235	825K	30-46	717E	LP56D	549E	SN44	641E	STY127	784E	N61D	746E
AN36	505E	DN-238	825K	30-48M	505E	LP60D	505E	SN47	641E	STY129	813E	N62C	798E
AN8743	590E	DN-305	362E	NATIONAL:		LP65P	619E	SN60	789E	STY130	714K	N63D	798E
AN8745	641E	EXCEL:		EPS13	740E	UP78D	730E	SN80	806E	STY131	814K	N64D	798E
AKAI:		ES-70SM	26E	EPS22CS	741E	LP335	714K	SNP313	814K	STY132	707E	N68D	798E
APN-2	253K	ME85C	774E	EPS22ED	741E	LP5100D	687E	SNP515	814K	STY133	813E	N69DY	798E
APN-4	253K	S-55UR	916E	EPS23CS	741E	LP7000D	253K	ST43D	549E	STY138	825K	N70C	725K
APN-5	253K	S-70SR	26E	EPS23ED	741E	LP8000D	253K	BANYO:		STY139	813E	N78D	813E
RS-3	769E	FISHER:		EPS24CS	741E	LP8300D	803E	CZ-800-1	904E	STY140	825K	N180C	717E
RS-3J	806E	ST35-VD	253K	EPS24ED	741E	ONKYO:		DSN68	796E	STY141	825K	N243C	714K
RS-10	814K	HITACHI:		EPS25CS	741E	DN8	46E	SG-33	904E	STY142	825K	N292	794E
RS-33	814K	DS-ST7	611E	EPS25ED	741E	DN20	46E	ST-03	749E	STY143	796E	N293C	714K
RS-35	814K	DS-ST12	814K	EPS27ED	626H	DN20ST	711K	ST-05	904E	STY145	904E	N283DY	725K
RS-38	641E	DS-ST14	814K	EPS27CS	741E	DN27	253K	ST-3AD	253K	STY146	904E	N501C	693E
RS-82	825K	DS-ST15	717E	EPS27ES	741E	DN29	589E	ST-5LD	825K	STY202	253K		
RS-90	711K	DS-ST28	253K	EPS28CS	741E	DN32	253K	ST-6D	46E	STY400	687E		
RS-95	711K	DS-ST28E	253K	EPS28ES	741E	DN33ST	619E	ST-12D	207.O	STY703	253K		
RS-50	813E	DS-ST30	726K	EPS30CS	832H	DN34	589E	ST-15LD	483E	STY705	590E		
RS-100	816E	DS-ST32	798E	EPS30ES	832H	DN35ST	726K	ST-27D	674E	STY750	549E		
RS-180E	253K	DS-ST35	714K	EPS30STSD	253K	DN37	253K	ST-707J	904E	STY751	589E		
AUDIO TECHNICA:		DS-ST40	589E	EPS33C	832H	DN38	253K	ST-25D	26E	STY752	589E		
ATN125	253K	DS-ST102	549E	EPS33ES	832H	DN61ST	825K	ST-28D	590E	4N1	549E		
ATN12XE	253K	DS-ST103	616E	EPS34STSD	253K	DN201ST	711K	ST-28D	26E	4N2	589E		
ATG-7D	207O	DS-ST104	253K	EPS35STSD	253K	SN9	46E	ST-30D	541E	SHURE:			
ATN-71	726K	MD-80	904E	EPS35STCSD	253K	SN20	46E	ST-35D	725K	N55-E	496H		
ATN-72	726K	JELCO:		EPS35STED	253K	SN26	46E	ST-35VD	253K	N70-EJ	635H		
ATN-771	726K	MC140D	603E	EP541	746E	PHILIPS:		ST-36D	590E	N75-6 MK2	497K		
ATN-101P	814K	N09	483E	EP551CS	741E	GP215	536E	ST-36VD	253K	N.95ED	621H		
ATN-036	618E	N020	603E	EP562	576E	GP315	536E	ST-38VD	711K	NE708	635H		
ATN-3400	714K	JVC:		EP562ES	741E	GP371	505E	ST-40D	641E	90NY:			
ATN-3400C	714K	DT-16	207.O	EP563	576E	GP400	27K	ST-41J	725K	ND-SG	711K		
ATN-3401	725K	DT-21S	614E	EP563CS	741E	GP401	27K	ST-450X	590E	ND-12XE	253K		
ATN-3742P	814K	DT-23S	814E	EP563ES	741E	GP500	27K	ST-48D	505E	ND70G	253K		
ATN-3600	825K	DT-24S	614E	EP566CS	741E	GP815	536	ST-53D	711K	ND108G	569E		
ATN-3600L	825K	DT-25	543E	EP574STSD	726K	PIEZO:		ST-107	505E	ND113P	297O		
ATN-3601	825K	DT-29	505E	EP574STGSD	726K	AN-10	866E	ST-15GD	483E	ND129	253K		



PLUGS - 2.5mm

P25.B
P25.R
\$0.65

- Mono 2.5mm sub-mini phone plug with hard plastic handle.

PS25
\$2.15

- Stereo 2.5mm sub-mini phone plug with hard plastic handle.

PLUGS - 3.5mm

P35.B
P35.R
\$0.70

- Mono 3.5mm mini phone plug with hard plastic handle.

P35P
\$0.70

- Mono 3.5mm mini phone plug with soft plastic handle and plastic cable protector.

P35M
\$1.15

- Mono 3.5mm mini phone plug with shielded metal handle.

PS35.B
PS35.R
\$1.15

- Stereo 3.5mm mini phone plug with hard plastic handle.

PS35M
\$1.60

- Stereo 3.5mm mini phone plug with shielded metal handle.

PLUGS - 6.35mm (1/4")

P65.B
P65.R
\$1.00

- Mono 6.35mm phone plug with hard plastic handle.

P65P
\$1.00

- Mono 6.35mm phone plug with soft plastic handle and plastic cable protector.

PLUGS 6.35mm - (1/4")

P65M
\$1.70

- Mono 6.35mm communication plug with shielded metal handle and spring cable protector.

P65MA
\$1.95

- Mono 6.35mm microphone plug with shielded metal handle and spring cable protector.

P65MP
\$1.90

- Mono 6.35mm phone plug with shielded metal handle and plastic cable protector.

P65MS
\$1.95

- Mono 6.35mm phone plug with shielded metal handle and screw terminating contacts.

P65MRA
\$1.40

- Mono 6.35mm right-angled phone plug with shielded metal handle.

NEW
PS65.B
PS65.G
PS65.R
\$1.45

- Stereo 6.35mm phone plug with hard plastic handle.

PS65P
\$1.45

- Stereo 6.35mm phone plug with soft plastic handle and plastic cable protector.

PS65M
\$2.20

- Stereo 6.35mm phone plug with shielded metal handle.

PS65MS
\$2.50

- Stereo 6.35mm phone plug with shielded metal handle and screw terminating contacts.

CHASSIS SOCKETS - 2.5mm

J25

\$0.90

- Mono 2.5mm closed-circuit switching chassis socket. Nut mounting.

JS25

\$0.65

- Stereo 2.5mm open-circuit switching enclosed chassis socket. Nut mounting.

CHASSIS SOCKETS - 3.5mm

J35

\$0.95

- Mono 3.5mm open-circuit switching chassis socket. Nut mounting.

J35S

\$1.10

- Mono 3.5mm closed-circuit switching chassis socket. Nut mounting.

J35C

\$0.50

- Mono 3.5mm closed-circuit switching enclosed chassis socket. Nut mounting.

JS35

\$1.10

- Stereo 3.5mm closed-circuit switching enclosed chassis socket. PCB mounting.

CHASSIS SOCKETS - 6.35mm (1/4")

J65

\$1.55

- Mono 6.35mm closed-circuit switching chassis socket. Nut mounting.

JS65

\$2.35

- Stereo 6.35mm closed-circuit switching chassis socket. Nut mounting.

JS65I

\$3.50

- Stereo 6.35mm open-circuit switching insulated chassis socket. Nut mounting.

JS65C

\$2.65

- Stereo 6.35mm double closed-circuit switching chassis socket. Nut mounting.

NEW
JS65PC

\$2.45

- Stereo 6.35mm double open/closed-circuit. PCB or nut mount insulated socket.

CONNECTORS

INLINE SOCKETS - 2.5mm



- C25.B** ● Mono 2.5mm sub-mini phone socket with hard plastic handle.
C25.R ●
\$1.00

INLINE SOCKETS - 3.5mm

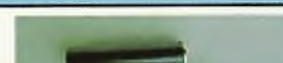


- C35.B** ● Mono 3.5mm phone socket with hard plastic handle.
C35.R ●
\$0.90



- CS35** ● Stereo 3.5mm phone socket with soft plastic handle and cable protector.
\$1.50

INLINE SOCKETS - 6.35mm (1/4")



- C65.B** ● Mono 6.35mm phone socket with hard plastic handle.
C65.G ●
C65.R ●
\$1.40



- C65M** Mono 6.35mm phone socket with shielded metal handle.
\$2.80



- CS65.B** ● Stereo 6.35mm phone socket with hard plastic handle.
CS65.G ●
CS65.R ●
\$1.50



- CS65M** Stereo 6.35mm phone socket with shielded metal handle and spring cable protector.
\$3.00

PLUGS - RCA (PHONO)



- RCA2.B** ● RCA plug with hard plastic handle. Solder terminating.
RCA2.R ●
RCA2.W ○
RCA2.Y ●
\$0.50



- RCA2S.B** ● RCA plug with hard plastic handle and cord anchor. Screw terminating.
RCA2S.R ●
\$1.00

PLUGS - RCA (PHONO)



- RCA2M.B** ● RCA plug with shielded metal handle and cable protector.
RCA2M.R ●
\$1.20



- RCA2G.B** ● RCA plug with gold plated contacts, shielded metal handle and cable protector.
RCA2G.R ●
\$1.80

CHASSIS SOCKETS - RCA (PHONO)



- RCA3.B** ● RCA chassis socket with coloured identification insert.
RCA3.R ●
RCA3.W ○
RCA3.Y ●
\$0.70



- RCA3I** RCA chassis socket with plastic washers for insulating the socket from the chassis.
\$0.80



- RCA3G.B** ● RCA chassis socket with gold plated contacts and washers for insulating from the chassis.
RCA3G.R ●
\$4.60

PLUGS & SOCKETS - RCA (PHONO) - HIGH QUALITY / GOLD PLATED



- RCA25.B** ● 6mm cable entry
RCA26.BU ● 6mm cable entry
RCA26.G ● 6mm cable entry
RCA26.R ● 6mm cable entry
 RCA plug with high-gloss colour coded aluminium shell and gold plated centre pin. 6mm cable entry accepts most cables.
\$3.45

CHASSIS SOCKETS - RCA (PHONO)



- RCA3G** RCA chassis socket with gold plated contacts.
\$1.10

INLINE SOCKETS - RCA (PHONO)



- RCA1.B** ● RCA socket with hard plastic handle.
RCA1.R ●
RCA1.W ○
RCA1.Y ●
\$0.50



- RCA1M.B** ● RCA socket with shielded metal handle and cable protector.
RCA1M.R ●
\$1.20

LOCKING SETS - RCA (PHONO)



- RCA2L** RCA plug with shielded metal handle and cable protector.
\$3.85
RCA3L RCA chassis socket with gold plated solder lug.
\$1.90

Both are gold plated and have been designed with screwlocks (threads) to prevent accidental disconnection.

RCA (PHONO) PANELS



- RCA32** Paxolin panel with two RCA sockets. Size: 56mm x 22mm
\$0.95
RCA34 Paxolin panel with four RCA sockets. Size: 49mm x 36mm
\$1.80

- RCA36** Paxolin panel with six RCA sockets. Size: 65mm x 36mm
\$2.30
RCA38 Paxolin panel with eight RCA sockets. Size: 80mm x 36mm
\$3.55

High quality inline RCA socket with grey silver-plated body and gold-plated centre pin. Matching plugs for these sockets are listed in the Monitor PC section on page 23.

DC POWER PLUGS

REVISED

All with soft black plastic handles, cable reliefs and all are solder terminating.

DC10 \$1.20	With 1mm hole. Suits Sanyo accessories.
DC13 \$1.20	With 1.3mm hole. Suits Sony/Aiwa accessories.
DC16 \$1.10	With 1.6mm hole. Suits Casio organs.
DC21 \$1.10	With 2.1mm hole. For general use.
DC25 \$1.10	With 2.5mm hole. For general use.
DC31 \$1.20	With 3.1mm hole. Suits JVC accessories.

DC CHASSIS SOCKETS

With switching circuits & 9mm mounting holes.

DJ21 \$1.00	With 2.1mm diameter contact pin. Solder terminating.
DJ25 \$1.00	With 2.5mm diameter contact pin. Solder terminating.

With switching circuits. Nut mounting.

DJ21C \$2.15	With 2.1mm diameter contact pin. Solder terminating.
DJ25C \$2.15	With 2.5mm diameter contact pin. Solder terminating.

With closed switching circuits. PCB mounting.

DJ21P \$0.85	With 2.1mm diameter contact pin.
DJ25P \$0.85	With 2.5mm diameter contact pin.

DC PLUG ADAPTORS

DCA2 \$1.45	1.3mm DC plug to 2.1mm DC socket
DCA4 \$1.45	1.3mm DC plug to 2.5mm DC socket
DCA6 \$1.45	2.1mm DC plug to 2.5mm DC socket
DCA8 \$1.45	2.5mm DC plug to 2.1mm DC socket
DCA10 \$1.45	2.1mm DC plug to 3.5mm mini phone socket
DCA12 \$1.45	2.5mm DC plug to 3.5mm mini phone socket
DCA14 \$1.45	3.1mm DC plug to 3.5mm mini phone socket

MULTI CONTACT PLUGS/SOCKETS

PM3 \$3.10	3 pin	
PM4 \$3.10	4 pin	
PM5 \$3.40	5 pin	
CM3 \$4.70	3 pin	
CM4 \$5.60	4 pin	
CM5 \$5.75	5 pin	
JM3 \$2.95	3 pin	
JM4 \$2.95	4 pin	
JM5 \$3.35	5 pin	

SPEAKER TERMINAL PLATES

STP1	2 PCS / S.B.P.
Mini architrave wall plate designed for speaker outputs. Each plate has a single polarised 2 pin DIN screw-terminating socket. Supplied with all mounting hardware.	
\$5.95	



STP2	S.B.P.
Standard size wall plate for speaker outputs. Each wall plate has dual polarised 2 pin DIN screw terminating sockets for left and right speaker connections. Supplied with all mounting hardware.	
\$6.95	



STP4	2 PCS/S.B.P.
Standard size wall plates with two 4mm colour coded banana sockets complete with banana plugs. Ideal for speaker outputs where medium to heavy duty speaker cable is used. Supplied with all mounting hardware.	
\$11.95	

PLUGS - MINI DIN

PDM3 \$2.45	3 pin plug with shielded handle. Solder terminating.
PDM4 \$2.45	4 pin plug with shielded handle. Solder terminating.
PDM5 \$2.55	5 pin plug with shielded handle. Solder terminating.
PDM6 \$2.65	6 pin plug with shielded handle. Solder terminating.
PDM7 \$2.80	7 pin plug with shielded handle. Solder terminating.
PDM8 \$2.95	8 pin plug with shielded handle. Solder terminating.

JOINER - MINI DIN

SDM8J	8 pin mini DIN socket-to-socket joiner. Designed to join two 8 pin mini DIN plugs.
\$9.95	

PLUGS - DIN

PD2 \$0.70	2 pin shielded DIN plug with polarised pins. Solder pins.
PD2RA \$1.20	2 pin right-angled DIN plug with shielded handle and polarised pins. Screw terminating.
PD3 \$0.90	3 pin DIN plug with shielded handle. Solder pins.
PD4 \$0.95	4 pin DIN plug with shielded handle. Solder pins.
PD5 \$1.00	5 pin 180° DIN plug with shielded handle. Solder pins.
PD5M \$5.35	5 pin 180° DIN plug with metal shielded handle and heat-resistant bakelite pin holder. Solder pins.
PD5A \$1.00	5 pin 360° DIN plug with shielded handle. Solder pins.
PD5B \$1.00	5 pin 240° DIN plug with shielded handle. Solder pins.
PD6 \$1.10	6 pin DIN plug with shielded handle. Solder pins.
PD7 \$1.20	7 pin DIN plug with shielded handle. Solder pins.
PD8 \$1.30	8 pin 270° DIN plug with shielded handle. Solder pins.
PD8A \$1.60	8 pin 262° DIN plug with shielded handle. Solder pins.

*See page 10 for 13 pin DIN plug

CHASSIS SOCKETS - DIN



JD2 2 pin DIN chassis socket with polarised pins and metal body. Solder pins.
\$0.60

JD3 3 pin DIN chassis socket with metal body. Solder pins.
\$0.90

JD4 4 pin DIN chassis socket with metal body. Solder pins.
\$1.10

JD5 5 pin DIN 180° chassis socket with metal body. Solder pins.
\$1.30

JD5A 5 pin DIN 360° chassis socket with metal body. Solder pins.
\$1.30

JD5B 5 pin DIN 240° chassis socket with metal body. Solder pins.
\$1.30

JD6 6 pin DIN chassis socket with metal body. Solder pins.
\$1.40

JD7 7 pin DIN chassis socket with metal body. Solder pins.
\$1.45

JD8 8 pin DIN 270° chassis socket with metal body. Solder pins.
\$1.60

JD8A 8 pin DIN 262° chassis socket with metal body. Solder pins.
\$1.60

INLINE SOCKETS - "DIN"



SD2 2 pin DIN inline socket with polarised pins and shielded handle. Solder pins.
\$0.60



SD3 3 pin DIN inline socket. Shielded handle. Solder pins.
\$0.95

SD4 4 pin DIN inline socket. Shielded handle. Solder pins.
\$1.00

SD5 5 pin DIN 180° inline socket. Shielded handle. Solder pins.
\$1.25

SD5A 5 pin DIN 360° inline socket. Shielded handle. Solder pins.
\$1.25

SD5B 5 pin DIN 240° inline socket. Shielded handle. Solder pins.
\$1.25

SD6 6 pin DIN inline socket. Shielded handle. Solder pins.
\$1.30

SD7 7 pin DIN inline socket. Shielded handle. Solder pins.
\$1.45

SD8 8 pin DIN 270° inline socket. Shielded handle. Solder pins.
\$1.60

SD8A 8 pin DIN 262° inline socket. Shielded handle. Solder pins.
\$1.60

MALE CANNON - 240 VOLT

LNE.12
3 pin male inline plug. Specifically for 240V AC use. Latching pin-slot for locking. Rating: 5 Amp at 240V AC. Made in Australia.



\$14.95

LNE.32
3 pin male chassis socket. Specifically for 240V AC use. Latching pin-slot for locking. Rating: 5 Amp at 240VAC. Made in Australia.



\$10.95

"PDN" SERIES - SPEAKER

PDN11.BU 2 pin polarised female inline plug with earth pin for speaker use. Latching pin for locking. Rated at 25 amp. Made in Australia.



\$14.95

PDN14.BU 2 pin polarised male round chassis socket & earth pin for speaker use. Latching pin-slot for locking. Rated at 25 amp. Made in Australia.



\$12.95

PDN34.BU 2 pin polarised male square chassis socket & earth pin for speaker use. Latching pin-slot for locking. Rated at 25 amp. Made in Australia.



\$10.95

WALL PLATE TO SUIT CANNON

WPC1 **S.B.P.**
Wall-mounting plate specifically designed to mount both the older type Cannon chassis mount sockets as well as the new "Slimline" series now released by Cannon and now distributed by Arista (see page 8 of this catalogue). Overall dimensions are 70 mm x 113mm which is a standard Australian wall plate size and comes complete with all mounting hardware. Plastic with white gloss finish

Suitable for the following Cannon sockets:

AXR.3.22	AXR.3.21
AXR.3.34	AXR.3.31
AXR.4.34	AXR.4.31
AXR.5.34	AXR.5.31

\$6.95

FEMALE CANNON - 240 VOLT

LNE.11
3 pin female inline plug. Specifically for 240V AC use. Latching pin for locking. Rating: 5 Amp at 240VAC. Made in Australia.



\$14.95

LNE.31
3 pin female chassis socket. Specifically for 240V AC use. Latching pin for locking. Rating: 5 Amp at 240VAC. Made in Australia.



\$11.95

"PDN" SERIES - AMPLIFIER

PDN12.W 2 pin polarised male inline plug with earth pin for speaker use. Latching pin-slot for locking. Rated at 25 amp. Made in Australia.



\$14.95

PDN31.W 2 pin polarised female chassis socket & earth pin for speaker use. Latching pin for locking. Rated at 25 amp. Made in Australia.



\$10.95

PDN SERIES CANNON CONNECTORS:
PDN series connectors have been specially designed for both speaker and amplifier hook-ups. Ideally the blue connectors should be used at the speaker end and the white connectors used at the amplifier end of the system. This enables easy identification of leads and connectors during pulling down and setting up of equipment. They are all rated at 25 amps/200VRMS. Ideal for both semi and professional audio use.



PLUGS - MALE CANNON

PLUGS - FEMALE CANNON

NEW

AXR.3.12
AXR.3.12B

3 pin male Cannon inline plug. Insert screw is fully captive to prevent accidental loss. Latching pin-slot for locking. Made in Australia.

\$6.95

NEW

AXR.3.11
AXR.3.11B

3 pin female Cannon inline plug. With fully captive insert screw and rubber cushion on contact face to prevent "popping". Latching pin for locking. Made in Australia.

\$6.95

NEW

AXR.4.12

4 pin male Cannon inline plug. Insert screw is fully captive to prevent accidental loss. Latching pin-slot for locking. Made in Australia.

\$8.95

NEW

AXR.4.11

4 pin female Cannon inline plug. With fully captive insert screw and rubber cushion on contact face to prevent "popping". Latching pin for locking. Made in Australia.

\$13.95

NEW

AXR.5.12

5 pin male Cannon inline plug. Insert screw is fully captive to prevent accidental loss. Latching pin-slot for locking. Made in Australia.

\$10.95

NEW

AXR.5.11

5 pin female Cannon inline plug. With fully captive insert screw and rubber cushion on contact face to prevent "popping". Latching pin for locking. Made in Australia.

\$18.95

CHASSIS SOCKETS - MALE CANNON

CHASSIS SOCKETS - FEMALE CANNON

NEW

AXR.3.22

3 pin male Cannon chassis socket with low profile mounting plate. Mounting holes located diagonally opposite each other. Latching pin-slot for locking. Made in Australia.

\$5.95

NEW

AXR.3.21

3 pin female Cannon chassis socket with low profile mounting plate. Mounting holes located diagonally opposite each other. Latching pin for locking. Made in Australia.

\$8.95

NEW

AXR.3.32

3 pin male Cannon chassis socket with standard mounting plate. Mounting holes located vertically opposite each other. Latching pin-slot for locking. Made in Australia.

\$5.95

NEW

AXR.3.31

3 pin female Cannon chassis socket with standard mounting plate. Mounting holes located diagonally opposite each other. Latching pin for locking. Made in Australia.

\$8.95

NEW

AXR.3.34

3 pin male Cannon chassis socket with standard mounting plate. Mounting holes located diagonally opposite each other. Latching pin-slot for locking. Made in Australia.

\$5.95

NEW

AXR.4.31

4 pin female Cannon chassis socket with standard mounting plate. Mounting holes located diagonally opposite each other. Latching pin for locking. Made in Australia.

\$12.95

NEW

AXR.4.34

4 pin male Cannon chassis socket with standard mounting plate. Mounting holes located vertically opposite each other. Latching pin-slot for locking. Made in Australia.

\$7.95

NEW

AXR.5.31

5 pin female Cannon chassis socket with standard mounting plate. Mounting holes located diagonally opposite each other. Latching pin for locking. Made in Australia.

\$17.95

NEW

AXR.5.34

5 pin male Cannon chassis socket with standard mounting plate. Mounting holes located diagonally opposite each other. Latching pin-slot for locking. Made in Australia.

\$8.95

CABLE PROTECTORS - CANNON

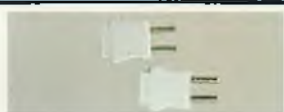
5 PC /S.B.P.

AXRT5
\$3.95

Plastic cable protectors for Cannon AXR connectors. One blue, green, grey, red, white colour per pack.

CONNECTORS

PLUGS - 300 OHM



RZ300
RZ310
2mm diameter pins.
3mm diameter pins.
2 pin plugs designed for use
with 300 ohm ribbon cable.
Solder or crimp terminating.

\$1.20

PLUGS - 75 OHM PAL



RZ10.W ○ Male coaxial plug with plastic
body and variable cable entry.
Screw terminating.

\$1.30



RZ20.B ● Male coaxial plug with plastic
RZ20.W ○ body. Screw terminating.

\$1.00



RZ20M Male coaxial plug with fully
shielded metal body.
Screw terminating.

\$1.75



RZ48 Male coaxial right-angled plug.
Screw terminating.

\$1.45



RZ49 Male coaxial right-angled
shielded plug.
Screw terminating.

\$2.55

INLINE SOCKET - 75 OHM PAL



RZ11.W ○ Female coaxial socket with
plastic body and variable cable
entry. Screw terminating.

\$1.35



RZ21.B ● Female coaxial socket with
RZ21.W ○ plastic body. Screw terminating.

\$1.10



RZ21M Female coaxial socket with
fully shielded metal body.
Screw terminating.

\$1.90

CHASSIS SOCKETS - 75 OHM PAL



RZ12 Female chassis socket with
plastic body. Screw mounting.

\$0.90



RZ13 Female chassis socket with
plastic body. Push-lock mount.

\$1.45



RZ14 Female chassis socket with
metal body. Nut mounting.

\$1.70



RZ15 Male chassis socket with
metal body. Nut mounting.

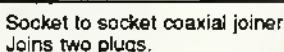
\$1.70

JOINERS - 75 OHM PAL



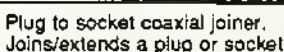
RZ59 Plug to plug coaxial joiner.
Joins two sockets.

\$1.50



RZ60 Socket to socket coaxial joiner.
Joins two plugs.

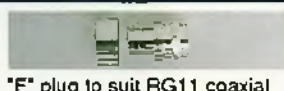
\$1.50



RZ61 Plug to socket coaxial joiner.
Joins/extends a plug or socket.

\$1.50

"F" CONNECTORS - 75 OHM



F11 "F" plug to suit RG11 coaxial
cable. Crimp type.

\$0.90



F56 "F" plug to suit 5C2V & RG6
coaxial cable. Crimp type.

\$0.60



F59 "F" plug to suit 3C2V & RG59
coaxial cable. Crimp type.

\$0.60



F61 "F" chassis mount socket
complete with nut and washer.

\$0.90



F81 "F" socket to socket joiner,
complete with nut and washer.

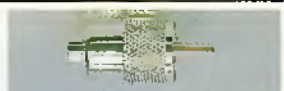
\$0.90

"M" CONNECTORS



PL259 "M" plug to suit 3C2V, RG58 &
RG58CU. Cable entry 5.3mm.

\$3.70



PL260 "M" plug to suit RG59.
Cable entry 6.1mm.

\$3.70



SO239 "M" chassis mount socket.
Nut mounting.

\$2.45



PL258 "M" socket to socket joiner.

\$2.35



M358 "M" three-way "T" adaptor
with three female sockets.

\$6.95

MINI "M" CONNECTORS



MPL259 Mini "M" plug for Cellular
phones and UHF. Crimp type.

\$2.65



MS0239 Mini "M" chassis socket for
Cellular phones and UHF.

\$1.95



MPL268 Mini "M" socket to socket
joiner. Joins two plugs.

\$3.95

"M" TO MINI "M" ADAPTORS

NEW



PA42 Mini PL259 plug to standard
SO239 socket adaptor.

\$5.95

NEW



PA44 Standard PL259 plug to mini
SO239 socket adaptor.

\$4.95

"BNC" CONNECTORS

BNC1
\$2.95

BNC plug to suit 3C2V, RG58, RG58CU. Cable entry 5.3mm.

BNC10
\$2.95

BNC plug to suit RG59. Cable entry 6.1mm.

BNC1CT
\$2.45

BNC plug. Crimp terminating.

BNC1ST
\$3.25

BNC plug with plastic sheath. Crimp/screw terminating.

BNC1TT
\$3.75

BNC plug to suit RG59. Twist-on terminating.

BNC2
\$2.20

BNC chassis mount socket. Nut mounting.

BNC12
\$2.95

BNC chassis mount insulated socket. Nut mounting.

BNC3
\$6.95

BNC 3 way "T" adaptor with three female sockets.

BNC4
\$3.35

BNC joiner with 2 female sockets. Joins two BNC plugs.

BNC6
\$7.95

BNC "T" adaptor with one male plug and two female sockets.

"TNC" CONNECTORS

TNC1
\$3.30

TNC plug to suit RG58. Cable entry 5mm.

TNC3
\$2.50

TNC plug to suit RG58. Crimp terminating.

TNC5
\$2.30

TNC chassis mount socket. Nut mounting.

TNC7
\$3.30

TNC joiner with 2 female sockets. Joins two TNC plugs.

TNC9
\$4.95

TNC "T" adaptor with three female sockets.

"N" CONNECTORS

N21
\$6.70

"N" plug to suit RG58. Silver plated pin. Cable entry 6mm.

N22
\$6.70

"N" plug to suit RG213. Silver plated pin. Cable entry 10mm.

N24
\$4.95

"N" chassis mount socket. Silver plated, nut mounting.

N26
\$4.95

"N" joiner with 2 female sockets. Joins two "N" plugs.

VIDEO CONNECTORS

VP8
\$7.75

8 pin RGB/Video plug. Straight or 90° cord outlets.

VS8
\$8.45

8 pin RGB/Video inline socket. Straight or 90° cord outlets.

VJ8
\$6.25

8 pin RGB/Video chassis socket. Suits VP8.

VP10
\$12.95

10 pin round plug. Suits VHS cameras/videos.

VS10
\$12.95

10 pin round inline socket. Suits VHS cameras/videos.

VP14
\$6.95

14 pin square plug. Suits Beta camera/video systems.

VS14
\$6.95

14 pin square inline socket. Suits Beta cameras/videos.

VP21
\$5.45

21 pin plug. Also called Scart, Peri, Cenelec or Euro plugs.

VJ21
\$4.95

21 pin chassis socket. Also called Scart, Peri, Cenelec or Euro sockets.

PDL13
\$3.95

13 pin DIN plug designed for Atari computers. Solder pins.

"D" SERIES CONNECTORS



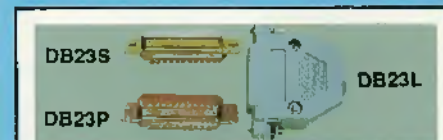
DB9P \$1.65	9 pin male "D" connector. Gold plated contacts. P.B.H.
DB9S \$1.70	9 pin female "D" connector. Gold plated contacts. P.B.H.
DB915P \$5.55	15 pin male 9 pin size high density "D" connector. Gold plated contacts. P.B.H.
DB915S \$5.85	15 pin female 9 pin size high density "D" connector. Gold plated contacts. P.B.H.
DB9L \$1.70	Backshell to suit above. With all hardware. P.B.H.



DB15P \$1.95	15 pin male "D" connector. Gold plated contacts. P.B.H.
DB15S \$1.95	15 pin female "D" connector. Gold plated contacts. P.B.H.
DB15L \$1.85	Backshell to suit above. With all hardware. P.B.H.

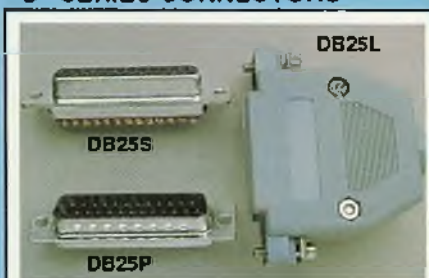


DB19P \$2.95	19 pin male "D" connector. Gold plated contacts. P.B.H.
DB19S \$2.95	19 pin female "D" connector. Gold plated contacts. P.B.H.
DB19L \$2.50	Backshell to suit above. With all hardware. P.B.H.

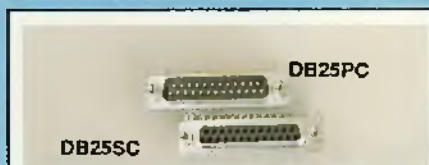


DB23P \$2.80	23 pin male "D" connector. Gold plated contacts. P.B.H.
DB23S \$2.95	23 pin female "D" connector. Gold plated contacts. P.B.H.
DB23L \$2.50	Backshell to suit above. With all hardware. P.B.H.

"D" SERIES CONNECTORS

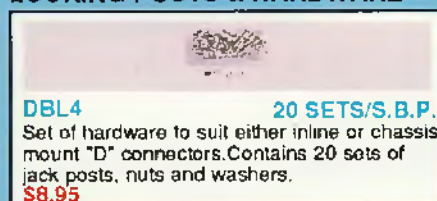


DB25P \$1.95	25 pin male "D" or "RS232" connector. Gold plated. P.B.H.
DB25S \$2.25	25 pin female "D" or "RS232" connector. Gold plated. P.B.H.
DB25L \$1.75	Backshell to suit above. With all hardware. P.B.H.
DB25LC NEW \$2.45	Backshell to suit above. Clip together type. With hardware. P.B.H.



DB25PC \$4.85	25 pin PCB right angled male "D" plug. Gold plated. P.B.H.
DB25SC \$4.45	25 pin PCB right angled female "D" socket. Gold plated. P.B.H.

LOCKING POSTS & HARDWARE



DBL4	20 SETS/S.B.P.
Set of hardware to suit either inline or chassis mount "D" connectors. Contains 20 sets of jack posts, nuts and washers. \$8.95	

CENTRONICS CONNECTORS



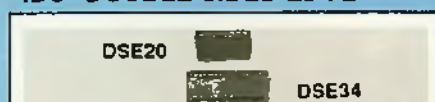
CP36PS \$4.95	36 pin male connector with backshell. Gold plated. P.B.H.
CP36SL \$6.95	36 pin female connector with backshell. Gold plated. P.B.H.
CP50PS \$7.95	50 pin male connector with backshell. Gold plated.

"IDC" FLAT RIBBON SOCKETS



IDC10 \$1.95	10 pin crimp socket. Dual rows of 5 pins. Gold plated. P.B.H.
IDC16 \$1.95	16 pin crimp socket. Dual rows of 8 pins. Gold plated. P.B.H.
IDC26 \$2.15	26 pin crimp socket. Dual rows of 13 pins. Gold plated. P.B.H.
IDC34 \$2.15	34 pin crimp socket. Dual rows of 17 pins. Gold plated. P.B.H.
IDC50 \$4.60	50 pin crimp socket. Dual rows of 25 pins. Gold plated. P.B.H.
IDC64 \$4.95	64 pin crimp socket. Dual rows of 32 pins. Gold plated. P.B.H.

"IDC" DOUBLE SIDED EDGE



DSE20 \$1.95	20 pin crimp socket. Dual rows of 10 pins. Gold plated. P.B.H.
DSE34 \$2.30	34 pin crimp socket. Dual rows of 17 pins. Gold plated. P.B.H.

"IDC" "D" CONNECTORS



IDC25P \$8.95	25 pin male "D" or "RS232" connector. Gold plated. P.B.H.
IDC25S \$9.95	25 pin female "D" or "RS232" connector. Gold plated. P.B.H.

"IDC" CENTRONICS CONNECTORS



IDC36CP \$6.95	36 pin male IDC Centronics connector. Gold plated. P.B.H.
IDC36CS \$6.95	36 pin female IDC Centronics connector. Gold plated.



IDC50CP \$17.95	50 pin male IDC Centronics connector. Gold plated. P.B.H.
IDC50CS \$18.95	50 pin female IDC Centronics connector. Gold plated. P.B.H.

BANANA PLUGS

BP2.B ● 2mm pin tip plug.
BP2.R ● Screw terminating.
\$0.90

BP4.B ● 4mm banana plug.
BP4.R ● Screw terminating.
\$0.80

BP4M.B ● 4mm heavy duty banana plug.
BP4M.R ● Screw terminating.
\$1.85

BP4L.B ● 4mm banana plug with link socket. Screw terminating.
BP4L.R ● \$1.50

BANANA SOCKETS

BS4.B ● 4mm chassis socket.
BS4.R ● Solder lug terminating.
(Suits BP4 and BP4L)
\$0.55

BS4M.B ● 4mm chassis socket.
BS4M.R ● Solder lug terminating.
(Suits BP4M)
\$0.85

CS4.B ● 4mm inline socket.
CS4.R ● Screw terminating.
(Suits BP4 and BP4L)
\$0.65

IC CLIPS

INTEGRATED CIRCUIT TESTING CLIPS

40mm MINI

MJ002.B ●

MJ002.R ●

\$0.90

57mm

MJ001.B ●

MJ001.R ●

\$1.00

90mm

MJ003.B ●

MJ003.R ●

\$1.50

137mm

MJ004.B ●

MJ004.R ●

\$2.95

ALLIGATOR CLIPS

AC26.B ● 26mm alligator clip, vinyl boot.
AC26.R ● Solder or screw terminating.
\$0.30

AC32.B ● 32mm alligator clip, vinyl boot.
AC32.R ● Solder or screw terminating.
\$0.35

AC34.B ● 34mm alligator clip, moulded plastic handles. Solder type.
AC34.R ● \$0.40

AC55.B ● 55mm alligator clip, insulated handles. Solder or crimp.
AC55.R ● \$0.85

AC65.B ● 65mm alligator clip, vinyl boot.
AC65.R ● Solder or crimp.
\$0.50

CAR ANTENNA CONNECTORS

CAP1 ● Antenna plug to suit RG58 & RG58CU. Solder terminating.
\$0.90

CAP2 ● Antenna plug to suit RG58 & RG58CU. Screw terminating.
\$1.85

CAP5 ● Inline socket to suit RG58 & RG58CU. Screw terminating.
\$1.95

CIGARETTE LIGHTER CONNECTORS

PCL1 ● 12V DC cigarette lighter plug. Solder terminating.
\$1.10

S.B.P. ● 12V DC lighter plug with 6 amp fuse. Solder terminating.
\$3.25

PCL2 ● 12V DC lighter chassis socket. Solder terminating.
\$4.95

LAMPS & GLOBES

WIRING COLOUR CODES

Red wires: 6 volt rating.

White wires: 12 volt rating.

Blue wires: 24 volt rating.

Clear subminiature globes 6.3(L)x3.2(Dia)mm

PG10 \$0.85 6 volt - 80mA - 120mm leads
PG11 \$0.90 12 volt - 85mA - 120mm leads
PG12 \$1.05 24 volt - 50mA - 120mm leads

Clear subminiature globes 10(L)x5.1(Dia)mm

PG20 \$0.85 6 volt - 80mA - 120mm leads
PG21 \$0.85 12 volt - 85mA - 120mm leads
PG22 \$0.90 24 volt - 40mA - 120mm leads

Round globe with bayonet 23(L)x11(Dia)mm

PG31 \$0.75 Clear - 12 volt - 50mA

Clear round - screw fitting 23(L)x11(Dia)mm

PG41 \$0.70 6 volt - 100mA
PG42 \$0.75 12 volt - 100mA

CONNECTORS

LAMPS AND GLOBES



Clear T1 Flange 9(L)x4(Dia)mm
PG51 \$1.95 6 volt - 60mA



Clear T1 Bi-pin 9(L)x4(Dia)mm
PG56 \$1.40 6 volt - 60mA
PG57 \$1.50 12 volt - 60mA



Clear globe with screw fitting 20(L)x6(Dia)mm
L6 \$0.30 6 volt - Suits "IL2"
L12 \$0.30 12 volt - Suits "IL2"
L24 \$0.30 24 volt - Suits "IL2"

INDICATORS



IL2.GN ● Glass dome lamp holder.
IL2.R ● Suits globes "L6, L12, L24"
\$1.90 (Globe not supplied)



IL3.Y ● Square 12V DC lamp with
\$1.95 frosted lens. Nut mounting.



IL4.GN ● LED 12V DC miniature lamp.
IL4.R ● Nut mounting.
\$2.45



IL5.GN ● Neon 240V AC subminiature
\$1.50 lamp. Nut mounting.



IL6.GN ● LED 1.9 to 2V DC subminiature
IL6.R ● lamp-15mA. Nut mounting.
\$1.55



IL8.GN ● 12V DC coloured plastic lamp.
IL8.R ● Nut mounting.
\$1.95

IEC MAINS CONNECTORS

PAC5 TWO PIN MAINS ADAPTOR

S.B.P.

Converts a two pin U.S. or European plug into an Aust. two pin plug.
•Approval #: N11071.



\$4.95



PAC8 CHASSIS IEC INTERFERENCE FILTER

P.B.H.

Protects instrumentation etc from EMI (Electro Magnetic Interference) that can alter or destroy data transmission.
•3 pin IEC male chassis socket.
•250 V-6 amp •Approval No. CS3139N.

\$19.95



PAC9

3 pin IEC male chassis socket with fuseholder and spare fuse.
•250V - 6 amp.
•Approval No. CS3193N.

\$5.95



PAC10

3 pin IEC male chassis socket.
•250V - 6 amp.
•Approval No. CS3193N.

\$2.95



PAC11

3 pin IEC female inline plug.
•250V - 6 amp.

\$3.95



PAC12

3 pin IEC male inline plug.
•250V - 6 amp.

\$4.95

FUSE HOLDERS



FH240

3AG chassis mount fuse holder
•250 volt - 10 amp
•Approval No. CS2929

\$3.95



FH241

M205 chassis mount holder
•250 volt - 6.3 amp
•Approval No. CS3105N

\$1.65

FUSE HOLDERS



FH001

\$1.45

3AG chassis mount holder with safety locking cap. Requires 15mm mounting hole.



FH002

\$1.15

3AG chassis mount holder with screw on cap. Requires 15mm mounting hole.



FH003

\$1.15

M205 chassis mount holder with screw on cap. Requires 15mm mounting hole.



FH010

\$0.40

M205 PCB mount holder.



FH004

\$0.75

3AG inline mount holder with 40mm wire leads.



FH005

\$1.35

3AG inline mount holder. No soldering required. Simply loop in wire and pull.

TERMINAL STRIPS AND BLOCKS



Nylon strips with 12 two-screw terminals.

TS1210 \$2.30 240V AC / 10 amp

TS1215 \$2.40 240V AC / 15 amp



STB101 TERMINAL BLOCK \$0.45
STB100 END PLATE \$0.10

Spring terminal blocks with 5mm pin centre spacings. Any number can lock together. side by side. Each row requires one plate.
•Suits cable dia: 0.14-2.5mm² -300V/10A



TB52

\$0.75

TB53

\$1.10

TB102

\$0.80

Screw terminal blocks lock together to form any number of combinations.
•Mounting pins with 5mm centres
•Insulation resistance 40MΩ / 250V AC-10A

ULTRA MINI TOGGLE SWITCHES

MS200V

Ultra miniature toggle switch on/on-100mA-double pole/ double throw. PCB mounting. Made in Japan.

\$9.95**MS200R**

Ultra miniature toggle switch right angled-on/on-100mA-double pole/double throw. PCB mounting. Made in Japan.

\$9.95

MINIATURE TOGGLE SWITCHES

STM1

Miniature toggle-on/on-2 amp double pole/ double throw.

\$2.75**STM1A**

Miniature toggle-on/off/on-2 amp double pole/ double throw.

\$2.85**STM2**

Miniature toggle-on/on-2 amp single pole/ double throw.

\$2.25**STM2A**

Miniature toggle-on/off/on-2 amp single pole/ double throw.

\$2.35**STM4**

Sub miniature toggle-on/on-2 amp double pole/ double throw.

\$2.55**STM5**

Sub miniature toggle-on/on-2 amp single pole/single throw.

\$2.25**ST305**

Standard toggle-on/off-1.5 amp single pole/ double throw.

\$1.95**ST307**

Standard toggle-on/on-1.5 amp double pole/ double throw.

\$2.65**ST308**

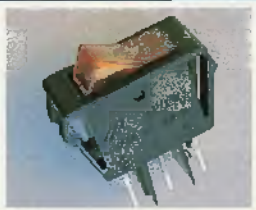
Heavy duty toggle-on/off/on-5 amp double pole/double throw.

\$3.95

ROCKER SWITCHES

MS323

Rocker switch with lamp-on/on-6 amp-single pole/single throw. Made in Japan.

\$8.95

TOGGLE SWITCHES

ST203

Toggle switch-on/on-3 amp triple pole/ double throw.

\$6.45**ST203A**

Toggle switch-on/off/on-2 amp triple pole/ double throw.

\$6.95**ST204**

Toggle switch-on/on-3 amp four pole/double throw.

\$6.95**ST204A**

Toggle switch-on/off/on-2 amp four pole/ double throw.

\$7.95

PUSH BUTTON SWITCHES



MS102.B ●
MS102.BU ●
MS102.GN ●
MS102.R ●
MS102.W ○
MS102.Y ●

\$0.90

PUSH BUTTON SWITCHES - JAPAN

MS313.B

MS313.R ●
Push button switch-1.5 amp push off/ release on

\$1.25

PUSH BUTTON SWITCHES

ST602

Push button switch-Push on/off 2 amp single pole/ single throw.

\$1.55**ST603**

Push button switch-Push on/off 2 amp double pole/ double throw.

\$2.75**DS008**

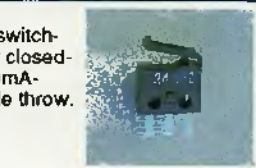
Heavy duty push button switch ideal for foot controls-on/on 6 amp-double pole/double throw Made in Japan.

\$12.95

MICRO SWITCHES

SM5

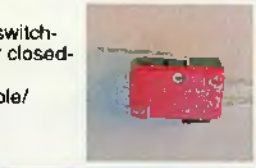
Ultra mini micro switch-normally open or closed-8.1 x 6.5mm-500mA-single pole/double throw. Made in Japan.

\$5.95**SM10**

Sub mini micro switch-normally open or closed-19.8 x 9.5mm-5 amp-single pole/double throw.

\$2.35**SM20**

Standard micro switch-normally open or closed-27.8 x 15mm-10 amp-single pole/ double throw.

\$3.45

FOOT SWITCHES

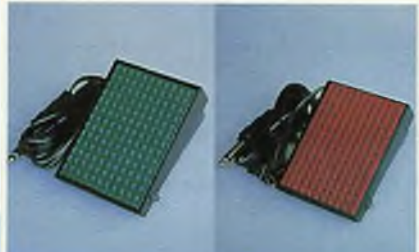
FP2**FOOT SWITCH - MOMENTARY**

D.B.

Allows handsfree on/off switching. Contacts close only when pedal is depressed.

•Rubber antislip surface

•Cord length: 2.5m with 6.35mm mono plug

\$12.95**FP4****FOOT SWITCH - LATCHING**

D.B.

Allows handsfree on/off switching. Contacts are latching (push on - push off).

•Rubber antislip surface

•Cord length: 2.5m with 6.35mm mono plug

\$12.95

KNOBS

SATIN BLACK KNOB

Knob with white pointer across the top and carried down the side. The internal shaft has a 6.4mm diameter with adjustable screw.

PN38A \$1.90
Height: 18mm
Top Diameter: 29mm
Base Diameter: 35.4mm

PN38B \$1.40
Height: 19mm
Top Diameter: 20mm
Base Diameter: 24mm

PN38C \$1.25
Height: 15mm
Top Diameter: 16mm
Base Diameter: 19.6mm

PN38D \$1.10
Height: 14mm
Top Diameter: 12mm
Base Diameter: 15mm



BLACK POINTER KNOB

Knob with silver top and silver pointer carried down the skirt. The internal shaft has a 6.4mm diameter with adjustable fitting screw.

RN99C \$1.80
Height: 16.3mm
Top Diameter: 30mm
Base Diameter: 33mm

RN99D \$1.45
Height: 15.5mm
Top Diameter: 24mm
Base Diameter: 26.6mm

RN99F \$1.15
Height: 12mm
Top Diameter: 16mm
Base Diameter: 19.6mm



BLACK POINTER KNOB

Knob with coloured cap and white marker. The internal shaft has a 6.4mm diameter with adjustable fitting screw.

RN115.BU \$1.10
RN115.GN \$1.10
RN115.R \$1.10
RN115.Y \$1.10
Height: 13.2mm
Top Diameter: 12.8mm
Base Diameter: 13mm



BATTERY HOLDERS - UM5

UM5 - "N" SIZE

P.B.H.

BH15

Holds 1 x UM5 battery.
•Flat mount.
•Solder terminals.

\$1.25

BH25

Holds 2 x UM5 batteries.
•Side by side.
•Flat mount.
•Solder terminals.

\$1.25

BATTERY HOLDERS - UM4

UM4 - "AAA" SIZE

P.B.H.

BH24

Holds 2 x UM4 batteries.
•Side by side.
•Flat mount.
•Solder terminals.

\$1.15

BH44

Holds 4 x UM4 batteries.
•2 rows side by side.
•Flat mount.
•Solder terminals.

\$1.95

BATTERY HOLDERS - UM3

UM3 - "AA" SIZE

P.B.H.

BH23

Holds 2 x UM3 batteries.
•Side by side.
•Batteries wired in series.
•3 volt output.
•Battery snap terminals.

\$0.55

BH43

Holds 4 x UM3 batteries.
•Back to back.
•Batteries wired in series.
•6 volt output.
•Battery snap terminals.

\$0.70

BH43L

Holds 4 x UM3 batteries.
•2 rows back to back.
•Batteries wired in series.
•6 volt output.
•Battery snap terminals.

\$0.70

BH63

Holds 6 x UM3 batteries.
•2 rows back to back.
•Batteries wired in series.
•9 volt output.
•Battery snap terminals.

\$1.10

BH83

Holds 8 x UM3 batteries.
•2 rows back to back.
•Batteries wired in series.
•12 volt output.
•Battery snap terminals.

\$1.40

BATTERY HOLDERS - UM2

UM2 - "C" SIZE

P.B.H.

BH22

Holds 2 x UM2 batteries.
•Side by side.
•Batteries wired in series.
•3 volt output.
•Battery snap terminals.

\$1.00

BH42

Holds 4 x UM2 batteries.
•2 rows side by side.
•Batteries wired in series.
•6 volt output.
•Battery snap terminals.

\$1.20

BATTERY HOLDERS - UM1

UM1 - "D" SIZE

P.B.H.

BH21

Holds 2 x UM1 batteries.
•Side by side.
•Batteries wired in series.
•3 volt output.
•Battery snap terminals.

\$1.10

BH41

Holds 4 x UM1 batteries.
•2 rows side by side.
•Batteries wired in series.
•6 volt output.
•Battery snap terminals.

\$1.25

WALKMAN BATTERY PACKS



BH22W

S.B.P.

2 X UM2 - "C" SIZE

External battery holder for "Walkmans".

•Holds 2 x UM2 batteries.
•Batteries wired in series.
•3 volt DC output.
•Output lead with 1/1.3/2.1/2.5mm DC plugs.

\$12.95

BH32W

S.B.P.

3 X UM2 - "C" SIZE

External battery holder for "Walkmans".

•Holds 3 x UM2 batteries.
•Batteries wired in series.
•4.5 volt output.
•Output lead with 1/1.3/2.1/2.5mm DC plugs.

\$14.95

BATTERY SNAPS



BS216 "T" type
BS217 "I" type

Clip on battery snaps designed for 9V batteries (006P) or battery holders.

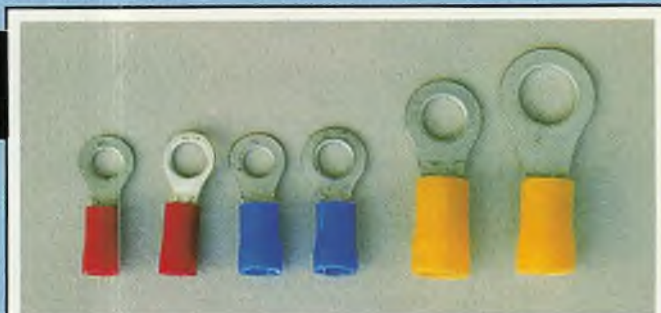
\$0.35

BS218 "I" type
BS219 "T" type

Clip on heavy duty nylon battery snaps for 9V batteries (006P) or battery holders.

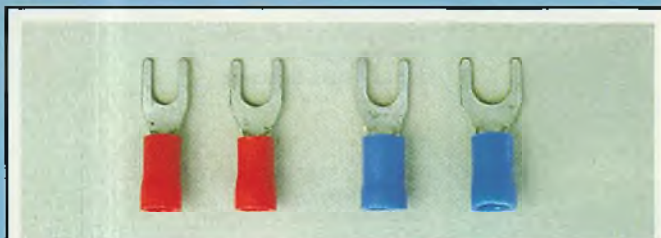
\$0.55

RING TERMINALS



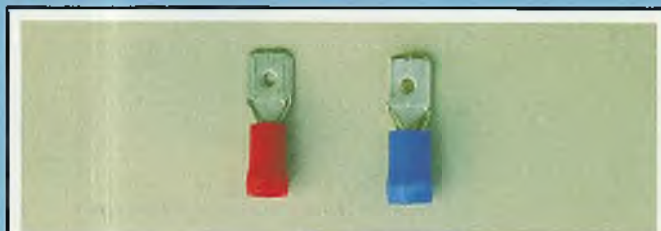
10 Pcs SBP		100 Pcs Box		Stud Size:	Wire Size mm ²	Gauge:	Colour:
ST10	\$2.65	ST110	\$11.85	4.3mm	0.5/1.5	22-16	Red
ST11	\$2.65	ST111	\$11.95	5.3mm	0.5/1.5	22-16	Red
ST13	\$2.65	ST113	\$11.95	4.3mm	1.5/2.5	16-14	Blue
ST14	\$2.95	ST114	\$12.95	5.3mm	1.5/2.5	16-14	Blue
ST15	\$3.95	ST115	\$24.95	6.4mm	2.5/6	12-10	Yellow
ST16	\$4.95	ST116	\$29.95	8.4mm	2.5/6	12-10	Yellow

SPADE LUG TERMINALS



10 Pcs SBP		100 Pcs Box		Stud Size:	Wire Size mm ²	Gauge:	Colour:
ST20	\$2.65	ST120	\$11.95	3.7mm	0.5/1.5	22-16	Red
ST21	\$2.65	ST121	\$11.95	4.3mm	0.5/1.5	22-16	Red
ST23	\$2.65	ST123	\$11.95	3.7mm	1.5/2.5	16-14	Blue
ST24	\$2.65	ST124	\$11.95	4.3mm	1.5/2.5	16-14	Blue

SPADE TERMINALS - MALE



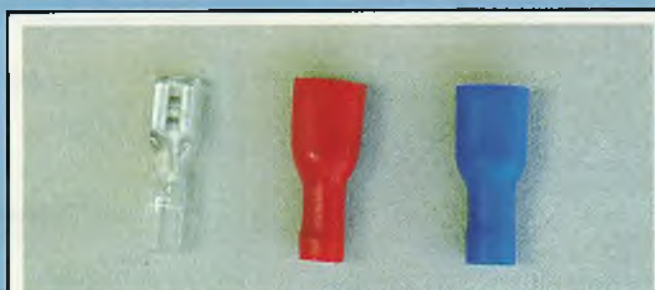
10 Pcs SBP	100 Pcs Box	Stud Size:	Wire Size mm ²	Gauge:	Colour:		
ST30	\$2.65	ST130	\$11.95	6.3mm	0.5/1.5	22-16	Red
ST31	\$2.65	ST131	\$11.95	6.3mm	1.5/2.5	16-14	Blue

SPADE TERMINALS - FEMALE



10 Pcs SBP	100 Pcs Box	Stud Size:	Wire Size mm ²	Gauge:	Colour:		
ST40	\$2.95	ST140	\$13.95	6.3mm	0.5/1.5	22-16	Red
ST41	\$2.95	ST141	\$14.95	6.3mm	1.5/2.5	16-14	Blue

SPADE TERMINALS - "FULLY INSULATED" FEMALE



10 Pcs SBP	100 Pcs Box	Tab Size:	Wire Size mm ²	Gauge:	Colour:
ST29F	\$2.95	ST129F	\$16.95	4.0mm	Suits Pioneer Speakers
ST40F	\$3.95	ST140F	\$18.95	6.3mm	0.5/1.5 22-16 Red
ST41F	\$3.95	ST141F	\$18.95	6.6mm	1.5/2.5 16-14 Blue

SPADE TERMINALS - FEMALE WITH MALE JOINER



10 Pcs SBP		100 Pcs Box		Tab Size:	Wire Size mm ²	Gauge:	Colour:
ST45	\$3.45	ST145	\$17.95	6.3mm	0.5/1.5	22-16	Red
ST46	\$3.45	ST146	\$17.95	6.3mm	1.5/2.5	16-14	Blue

BULLETS - MALE



10 Pcs SBP	100 Pcs Box	Bullet Size:	Wire Size mm ²	Gauge:	Colour:		
ST50	\$2.95	ST150	\$13.95	4.0mm	0.5/1.5	22-16	Red
ST51	\$2.95	ST151	\$13.95	5.0mm	1.5/2.5	16-14	Blue

BULLETS - FEMALE



10 Pcs SBP	100 Pcs Box	Socket Size:	Wire Size mm ²	Gauge:	Colour:		
ST54	\$3.45	ST154	\$17.95	4.0mm	0.5/1.5	22-16	Red
ST55	\$3.45	ST155	\$17.95	5.0mm	1.5/2.5	16-14	Blue

BUTT SPLICERS



10 Pcs SBP	100 Pcs Box	Wire Size mm ²	Gauge:	Colour:		
ST57	\$2.95	ST157	\$12.95	0.5/1.5	22-16	Red
ST58	\$2.95	ST158	\$12.95	1.5/2.5	16-14	Blue

CONNECTORS

CABLE JOINERS - SCREW TERMINATING

10 Pcs SBP	100 Pcs Box	Current Rating:	Wire Size: mm ²	Colour:
CJ2 \$3.65	CJ102 \$29.95	15 amp	4mm	Clear

SQUEEZE CONNECTORS

10 Pcs SBP	100 Pcs Box	Current Rating:	Wire Size: mm ²	Gauge:	Colour:
CJ7 \$5.45	CJ107 \$47.95	10 amp	0.5/1.5	22-16	Red
CJ8 \$5.45	CJ108 \$47.95	20 amp	1.5/2.5	16-14	Black

CRIMP CONNECTORS - NYLON CLOSED END

10 Pcs SBP	100 Pcs Box	Current Rating:	Wire Size: mm	Gauge:	Colour:
CJ10 \$2.95	CJ110 \$14.95	12 amp	0.5/1.5	22-16	Clear
CJ11 \$3.25	CJ111 \$15.45	20 amp	1.5/2.5	16-14	Clear
CJ12 \$3.45	CJ112 \$15.95	50 amp	2.5/6	12-10	Clear

CABLE TIES - INDIVIDUAL SIZES

10 Pcs SBP	100 Pcs Box	Bundle Diameter:	Dimensions:	Colour:
CT10.B \$0.55	CT110.B \$3.45	20mm	94 x 2.4mm	Black
CT10.W	CT110.W			White
CT20.B \$0.55	CT120.B \$3.95	24mm	102 x 2.5mm	Black
CT20.W	CT120.W			White
CT30.B \$1.25	CT130.B \$8.95	32mm	140 x 3.6mm	Black
CT30.W	CT130.W			White
CT40.B \$1.55	CT140.B \$12.95	54mm	200 x 4.8mm	Black
CT40.W	CT140.W			White

CABLE TIE KIT - VARIOUS SIZES

CT25 75 PCS/C.S.B.

ASSORTED CABLE TIE KIT

Kit complete with three different sized white nylon self locking cable ties. Ideal for the hobbyist electrician and serviceman.

- Self hanging transparent clam shell blister display/storage pack
- 25 pieces with dimensions 96mm long x 3mm wide
- 25 pieces with dimensions 122mm long x 5mm wide
- 25 pieces with dimensions 192mm long x 5mm wide

\$9.95



CABLE TIE BASES

10 Pcs SBP	100 Pcs Box	Max Cable Tie Size:	Dimensions:	Colour:
CTB1.W \$4.95	CTB101.W \$26.95	5.0mm	22 x 22mm	White
CTB2.W \$5.95	CTB102.W \$39.95	5.0mm	26 x 26mm	White

RUBBER FEET

10 Pcs SBP	100 Pcs Box	Max Cable Tie Size:	Dimensions:	Colour:
RF10 \$1.95	RF12 \$2.95	5.0mm	22 x 22mm	White
RF19 \$4.95		5.0mm	26 x 26mm	White

CABLE CLAMPS AND CLIPS

10 Pcs CSB	100 Pcs Box	Maximum Cable Diameter:	Colour:
CC32 \$1.45	CC132 \$7.95	3.2mm	White
CC64 \$1.95	CC164 \$8.95	6.4mm	White
CC6.B \$1.55	CC106.B \$6.75	6.0mm	Black
CC6.W	CC106.W		White
CC7.B \$1.65	CC107.B \$7.95	7.0mm	Black
CC7.W	CC107.W		White
CC8.B \$2.25	CC108.B \$11.95	8.0mm	Black
CC8.W	CC108.W		White

INSULATED STAPLES

10 Pcs SBP	100 Pcs Box	Staple Cable Diameter:	Colour:
CC3 \$1.50	CC103 \$4.50	5.0mm	Clear

STRAIN RELIEF BUSHES

10 Pcs SBP	100 Pcs Box	Cable Type	Cable Size	Mounting Hole Dia	Colour:
SR-F31 \$1.40	SR-F131 \$7.95	Fig 8	2.8x5.6	9.9mm	Black
SR-F42 \$1.90	SR-F142 \$8.95	Fig 8	3.8x7.6	11.8mm	Black
SR-5R2 \$1.95	SR-5R102 \$8.95	Round	6.2x7.4	11.5mm	Black
SR-6R3 \$2.95	SR-6R103 \$14.95	Round	8.2x9.2	14mm	Black

FUSES

FAST ACTING FUSES - 250V

Glass tube fuses suitable for instruments, radios, amplifiers, electronic and general equipment.

SLOW BLOW FUSES - 250V

Designed with a long time lag characteristic to help withstand heavy surges during equipment start up.

CAR/AUTO
12 - 24V DC
BLADE FUSE

Current Rating.									
	M205 (20 x 5mm)		3AG (32 x 6.35MM)		M205 (20 x 5mm)		3AG (32 x 6.35MM)		
	S.B.P. 10 Pieces	BOX 100 Pieces	S.B.P. 10 Pieces	BOX 100 Pieces	S.B.P. 10 Pieces	BOX 100 Pieces	S.B.P. 10 Pieces	BOX 100 Pieces	
100mA	M205 100	M205 100C	3AG 100	3AG 100C	MSB 100	MSB 100C	3SB 100	3SB 100C	
125mA	M205 125	M205 125C			MSB 125	MSB 125C			
150mA			3AG 150	3AG 150C			3SB 150	3SB 150C	
160mA	M205 160	M205 160C			MSB 160	MSB 160C			
200mA	M205 200	M205 200C	3AG 200	3AG 200C	MSB 200	MSB 200C	3SB 200	3SB 200C	
250mA	M205 250	M205 250C	3AG 250	3AG 250C	MSB 250	MSB 250C	3SB 250	3SB 250C	
315mA	M205 315	M205 315C			MSB 315	MSB 315C			
350mA			3AG 350	3AG 350C			3SB 350	3SB 350C	
400mA	M205 400	M205 400C			MSB 400	MSB 400C			
500mA	M205 500	M205 500C	3AG 500	3AG 500C	MSB 500	MSB 500C	3SB 500	3SB 500C	
600mA	M205 600	M205 600C	3AG 600	3AG 600C	MSB 600	MSB 600C	3SB 600	3SB 600C	
630mA	M205 630	M205 630C	3AG 630	3AG 630C					
750mA			3AG 750	3AG 750C			3SB 750	3SB 750C	
800mA	M205 800	M205 800C			MSB 800	MSB 800C			
1Amp	M205 1	M205 1C	3AG 1	3AG 1C	MSB 1	MSB 1C	3SB 1	3SB 1C	
1.25Amp	M205 1.25	M205 1.25C	3AG 1.25	3AG 1.25C	MSB 1.25	MSB 1.25C	3SB 1.25	3SB 1.25C	
1.5Amp	M205 1.5	M205 1.5C	3AG 1.5	3AG 1.5C	MSB 1.5	MSB 1.5C	3SB 1.5	3SB 1.5C	
1.6Amp	M205 1.6	M205 1.6C							
2Amp	M205 2	M205 2C	3AG 2	3AG 2C	MSB 2	MSB 2C	3SB 2	3SB 2C	
2.5Amp	M205 2.5	M205 2.5C	3AG 2.5	3AG 2.5C	MSB 2.5	MSB 2.5C	3SB 2.5	3SB 2.5C	
3Amp	M205 3	M205 3C	3AG 3	3AG 3C	MSB 3	MSB 3C	3SB 3	3SB 3C	ABF 3
3.15Amp	M205 3.15	M205 3.15C							
4Amp	M205 4	M205 4C	3AG 4	3AG 4C	MSB 4	MSB 4C	3SB 4	3SB 4C	
5Amp	M205 5	M205 5C	3AG 5	3AG 5C	MSB 5	MSB 5C	3SB 5	3SB 5C	ABF 5
6.5Amp	M205 6.5	M205 6.5C	3AG 6.5	3AG 6.5C					
7.5Amp									ABF 7.5
8Amp	M205 8	M205 8C	3AG 8	3AG 8C					
10Amp	M205 10	M205 10C	3AG 10	3AG 10C			3SB 10	3SB 10C	ABF 10
15Amp	M205 15	M205 15C	3AG 15	3AG 15C					ABF 15
20Amp	M205 20	M205 20C	3AG 20	3AG 20C					ABF 20
25Amp			3AG 25	3AG 25C					
30Amp			3AG 30	3AG 30C					ABF 30

Match product number colour panel to price panel below

\$3.95	\$21.95	\$3.95	\$21.95	\$11.95	\$104.95	\$11.95	\$104.95	\$3.95
Per SBP	Per BOX	Per SBP	Per BOX	Per SBP	Per BOX	Per SBP	Per BOX	Per SBP

COMPONENT AND PARTS DRAWERS

IPD1

IPD10T

IPD2

STORAGE BOXES

IPD1 SINGLE TRAY

\$4.35

IPD2 DUAL TRAY

\$4.45

IPD10T SINGLE CLEAR TRAY **NEW**

\$5.45

Storage/component boxes with precision dovetail interlocking system.

•Large handle with index card slot.

•IPD10T has transparent drawer for ease of viewing contents.

•Size: 110(W) x 120(D) x 55(H)mm

UTILITY CABINETS AND BOXES.

IPD3

IPD4

LARGE STORAGE BOXES

IPD3 SINGLE TRAY

\$14.95

IPD4 DUAL TRAY

\$14.95

Storage/component boxes with precision dovetail interlocking system.

•Large handle with index card slot.

•Size: 235(W) x 190(D) x 80(H)mm

UB10

UB11

BLACK UTILITY BOXES

UB10 Size: 93(W) x 135(D) x 47(H)mm

\$8.95

UB11 Size: 186(W) x 125(D) x 50(H)mm

\$6.95

ABS plastic utility boxes ideal as instrument cases, projects and kits.

•Rectangular shape with rounded edges.

•Top and bottom snap together. No screws required.

•Removable front and rear panels.

•UB10 has vent system for cooling.

BOX

NEW

UB14

UB16

PLASTIC / ALUMINIUM UTILITY BOXES

UB14 Size: 140(L) x 110(W) x 46(H)mm

\$19.95

UB16 Size: 170(L) x 158(W) x 54(H)mm

\$24.95

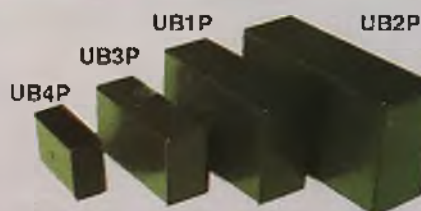
High quality beige coloured utility boxes with plastic

screw together cases.

•Removable aluminium endplates.

•PCB mounting ribs

•Rubber feet.



PLASTIC UTILITY BOXES

UB4P Size: 83(L) x 54(W) x 28(H)mm

\$2.75

UB3P Size: 130(L) x 68(W) x 41(H)mm

\$3.55

UB1P Size: 150(L) x 90(W) x 50(H)mm

\$5.25

UB2P Size: 195(L) x 113(W) x 60(H)mm

\$6.95

Black ABS plastic boxes with PCB mounting ribs.

•All have plastic lids and are complete with screws.

NEW

PLASTIC / ALUMINIUM FREESTANDING BOX

UB19 Size: 140(L) x 110(W) x 46(H)mm

\$8.95

Silver/grey cabinet with aluminium front panel.

•Screw together case with mounted screwholes for mounting PCB's.

•Rubber feet.

METAL UTILITY BOX

UB6

UB8

PLASTIC UTILITY BOXES

UB6 Size: 83(L) x 54(W) x 28(H)mm

\$5.95

UB8 Size: 130(L) x 68(W) x 41(H)mm

\$7.95

Black ABS plastic boxes with mounted screw holes for securing PCBs.



METAL UTILITY BOX

UB22 Size: 149(L) x 133(W) x 73(H)mm

\$9.95

Aluminium cabinets suitable for a large range of kits and projects.

•Each side of the cabinet is vented for cooling.

•Base is assembled to the top with self-tapping screws.

BUTTON CELLS-SILVER OXIDE-1.5 VOLT(HIGH DRAIN) 4 PCS/B.P.

Silver oxide batteries are designed for high drain items such as LCD & LED watches with alarm and back light functions, cameras, calculators, clocks, games etc. These are a longer lasting battery at full power and tend not to leak under most normal circumstances.



Arista	Eveready	Hitachi	Varta/Maxell	Others	Per Battery
SR41	384, 392	SR41SW	527, 547		\$2.95
SR43	303, 386	SR43SW	528, 548	SG12, 1, 6, H, D	\$5.95
SR44	301, 357	SR44SW	521, 541	SG13, 7, 9, A, J, MS76H	\$7.95
SR48	309, 393	SR754W	526, 546	SG5, 15, F	\$4.95
SR620	364	SR621SW	531	SG1, 31, 51, T	\$3.95
SR626	377	SR626SW		SG4, 37	\$4.50
SR721	362	SR720SW	532	SG11, 19, 46, 5	\$3.95
SR726	396, 397	SR726SW	556	SG2, 26, 29, 197	\$4.50
SR926	395, 399	SR926SW	523	SG7, 25, 35, 195	\$3.95
SR936	394	SR936SW	524	SG9, 27, 194	\$6.95
SR1120	381, 391	SR1120SW	553	SG8, 23, L, 34, WIK(5)	\$3.95
SR1130	389, 390	SR1130SW	534, 554	SG10, 11, 190, WG10	\$3.95

BUTTON CELLS-ALKALINE-1.5 VOLT(LOW DRAIN) 4 PCS/B.P.

Alkaline batteries are designed for low current drain items such as analogue watches, watches without backlights, some cameras and calculators, game and watch hand held games.



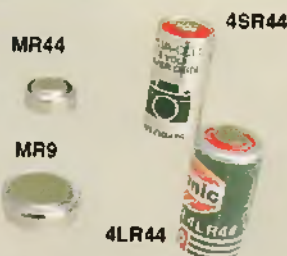
Arista	Eveready	Hitachi	Varta/Maxell	Others	Per Battery
LR43	186	LR43	V12 GA	86A, AG12, RW84	\$2.45
LR44	A76	LR44	V13 GA	76A, AG13, RW82	\$2.45
LR1120	181	LR1120	V8 GA	91A, AG9	\$2.95
LR1130	189	LR1130	V10 GA	89A, AG10, RW89	\$2.25

**BUTTON CELL-PHOTOGRAPHIC - 1.35 VOLT****MR44 MERCURY 4 PCS/B.P.**

Eveready: EPX675
Hitachi: MR44
Varta/Maxell: V675 PX
Others: M15, PX675, HC

**\$2.95 EA****MR9 MERCURY 4 PCS/B.P.**

Eveready: EPX625
Hitachi: MR9
Varta/Maxell: V625 PX
Others: M20, PX13 H5 D, PX625

\$3.95 EA**PHOTOGRAPHIC - 6 VOLT****4SR44 SILVER OXIDE 2 PCS/B.P.**

Eveready: 544
Hitachi: 4SR44W
Varta/Maxell: V28 PX
Others: 4G13, PX28, 476, RPX28

\$13.95 EA**4LR44 ALKALINE 2 PCS/B.P.**

Eveready: 537
Hitachi: 4LR44
Varta/Maxell: V4034 PX
Others: GP476A, 7M34, 7K34, 476A

\$5.95 EA**BUTTON CELLS - LITHIUM - 3 VOLT 1 PC/S.B.P.**

Lithium batteries are an exceptional battery and offer good discharge and storage life. Being twice the voltage of other button cell batteries they are ideal for applications that require high pulse discharge rates. Calculators, watches, waterproof watches, cameras, etc.



Arista	Others	Per Battery
CR2016	DL, E, 2016, LF1/4V	\$3.95
CR2025	DL, E, 2025	\$3.95
CR2032	DL, E, 2032, LF1/2V	\$3.95
CR2320	DL, E, 2320	\$6.95
CR2420	DL, E, 2420	\$5.95
CR2430	DL, E, 2430	\$5.95
CR2316	DL, E, 2316	\$5.95

CYLINDRICAL HIGH VOLTAGE BATTERIES - 6 & 12 VOLT 2 PCS/B.P.

Designed for use in many cigarette lighters, car alarm remote arm/disarm transmitters and cameras. These are specialized batteries and are not commonly available as general purpose batteries.

Arista	Eveready	Others	Voltage	Per Battery
GP11A			6 volt	\$2.95
GP23S	EL12	VR22, 23M	12 volt	\$2.95
GP27A	(Alkaline)	Bronica	12 volt	\$8.95

NEW

ALKALINE - GENERAL PURPOSE



TECHNICAL CHARACTERISTICS OF ALKALINES

Alkaline batteries can be stored for up to two years and still retain up to 90% of their original electrical capacity and up to 80% after storage for four years.

NOTE: Alkaline batteries are primary cells and are not designed for recharging under any circumstances. Attempts may result in the batteries exploding.

ALKALINE GENERAL PURPOSE BATTERIES

For products with high current drain such as camera flash units, cassette/tape and other portable audio equipment, motor driven toys, electronic games, torches etc. They also have a longer shelf storage time and a higher energy capacity than standard batteries.

GP13A	"D" SIZE 1.5 VOLT	2 PCS/B.P.
Equivalents: UM1, AM1, E95, 813, MN1300		\$9.95
GP14A	"C" SIZE 1.5 VOLT	2 PCS/B.P.
Equivalents: UM2, AM2, E93, 814, MN1400		\$6.95
GP15A	"AA" SIZE 1.5 VOLT	2 PCS/B.P.
Equivalents: UM3, AM3, LR3, E91, 815, MN1500		\$3.45
GP15A4	"AA" SIZE 1.5 VOLT NEW	4 PCS/B.P.
Equivalents: UM3, AM3, LR3, E91, 815, MN1500		\$5.95
GP24A	"AAA" SIZE 1.5 VOLT	2 PCS/B.P.
Equivalents: UM4, AM4, LR03, E92, 824, MN2400		\$3.50
GP910A	"N" SIZE 1.5 VOLT	2 PCS/B.P.
Equivalents: UM5, AM5, LR1, E90, 81C, MN9100		\$4.95
GP1604A	"006P" SIZE 9 VOLT	1 PC/B.P.
Equivalents: UM6, 6AM6, 522, A1604, MN1604		\$4.95
GP908S	6 VOLT	REVISED 1 PC/B.P.
Equivalents: 509, 941 Suits Dolphin Torches		\$6.95

NICKEL CADMIUM - RECHARGEABLE

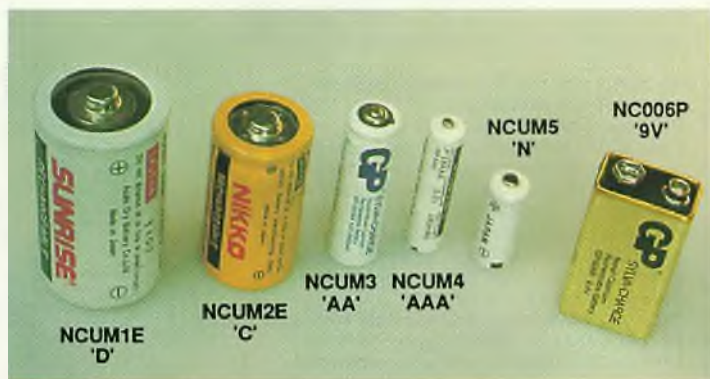
NICKEL CADMIUM RECHARGEABLE BATTERIES

These batteries are designed to be used in most standard battery powered accessories and then recharged once run down. Initially more expensive than standard batteries, they can be recharged several hundred times making them very economical over a period of time. All are designed to be recharged with most standard battery chargers. Battery chargers and charging modules are listed on page 22 of this catalogue.

TECHNICAL CHARACTERISTICS OF NICKEL CADMIUMS (NICADS)

They offer excellent performance during use as they are able to exert a high current discharge over a short period of time whilst maintaining stable voltage outputs across a wide range of temperature fluctuations. Nicads also tend to exhibit a memory which can affect their performance. If they are not fully charged or discharged several times in succession they become conditioned to this and temporarily lose their maximum capacity. This is avoided by occasionally discharging and slightly overcharging for approx 20-24 hours. Overcharging, providing it is minimal and not continuous will not harm the batteries in any way.

NCUM1E	"D" SIZE 1.2 VOLT	2 PCS/S.B.P.
Capacity: 1200mAh Charging: 120mA/15 hours		\$29.95
NCUM2E	"C" SIZE 1.2 VOLT	1 PC
Capacity: 1200mAh Charging: 120mA/15 hours		\$9.95
NCUM3	"AA" SIZE 1.2 VOLT	2 PCS/S.B.P.
Capacity: 500mAh Charging: 50mA/15 hours		\$11.95
NCUM4	"AAA" SIZE 1.2 VOLT	2 PCS/S.B.P.
Capacity: 180mAh Charging: 18mA/15 hours		\$11.95
NCUM5	"N" SIZE 1.2 VOLT	2 PCS/S.B.P.
Capacity: 150mAh Charging: 15mA/15 hours		\$12.95
NC006P	"006P" SIZE 8.4 VOLT	1 PC/S.B.P.
Capacity: 80mAh Charging: 8mA/15 hours		\$22.95



TORCHES

HAT1 HANDY ALUMINIUM TORCH S.B.P.

Machined "Aircraft Aluminium" handheld flashlight with replacement globe.

- Lens case top unscrews and can be used as a base so the torch is free standing.
- Adjustable lens allows the light beam to be varied from a spotlight to flood light.
- Rubber "O" rings keeps the torch water resistant.
- Replacement light globe is stored in the base of the torch so it is always available.
- Predrilled keyring or chain hole.
- Battery: 1 x AAA (Arista Model GP24A) (Not Supplied).

\$9.95



HAT3 HANDY ALUMINIUM TORCH S.B.P.

Machined "Aircraft Aluminium" handheld flashlight with replacement globe.

- Lens case top unscrews and can be used as a base so the torch is free standing.
- Adjustable lens allows the light beam to be varied from a spotlight to flood light.
- Rubber "O" rings keeps the torch water resistant.
- Replacement light globe is stored in the base of the torch so it is always available.
- Predrilled keyring or chain hole.
- Battery: 2 x AA (Arista Model GP15A). (Not supplied)

\$11.95



NICKEL CADMIUM BATTERY RECHARGERS

NBC1 D.B.
UNIVERSAL BATTERY CHARGER / TESTER

- Nickel cadmium battery charger with tester.
- Charges up to four standard UM1, UM2, UM3, UM4 and UM5 batteries simultaneously or one (8.4V) 006P rechargeable Nicads.
 - Automatic current ranging between 20 & 70mA.
 - LED indicators & voltage level meter.
 - Slide spring terminals ensure electrical contacts are made between the battery and the charger.
 - Charging circuits are automatically selected depending on the physical size of the battery inserted for charging.
 - 006P batteries have a fixed battery snap.
 - Charging time: 10 - 14 hours.
 - Supplied with 240V AC adaptor.
 - Requires NM4 or NM5 charging modules if UM4 or UM5 batteries are to be recharged.

\$44.95**NBC2 D.B.**
BATTERY CHARGER

- Nickel cadmium battery charger for charging up to six batteries simultaneously.
- Charges standard UM3, UM4 & UM5 nicads.
 - Slide spring terminals ensure electrical contacts are made between the battery and the charger.
 - Charging circuits are automatically selected depending on the physical size of the battery inserted for charging.
 - Charging time 10 - 14 hours.
 - 240V AC mains operated. Approval #N/10636.
 - Requires NM4 or NM5 charging modules if UM4 or UM5 batteries are to be recharged.

\$22.95**NBC3 D.B.**
DELUXE BATTERY CHARGER

- Nickel cadmium battery charger complete with tester. It will standard charge up to ten UM1, UM2, UM3, UM4 & UM5 nicads. Also accepts up to three 006P 8.4V nicads.
- The NBC3 also has the following features:
- Automatic current ranging.
 - Dual coloured LED indicators.
 - Slide spring terminals ensure electrical contacts are made between the battery and the charger.
 - Three fixed battery snaps allow for easy insertion and removal of 006P rectangular batteries.
 - Charging circuits are automatically selected depending on the physical size of the battery inserted for charging.
 - Charging time 10 - 14 hours.
 - 240V AC mains operated. Approval #N/10637.
 - Requires NM4 or NM5 charging modules.
 - UM4 or UM5 batteries are to be recharged.

\$54.95

BATTERY TESTER

BC800 S.B.P.
POCKET SIZE BATTERY TESTER

- Portable battery tester designed for all 1.5V to 9V batteries.
- Arm extends to suit different sized batteries.
 - Easy to read meter.
 - No power required.

**\$14.95**

RECHARGER MODULE - UM4



NM4 4 PCS / S.B.P.
UM4/AAA NICAD BATTERY MODULE
Fits into NBC1, NBC2 and NBC3 battery chargers to allow recharging of UM4/AAA (NCUM4) nickel cadmium batteries.

\$3.95

RECHARGER MODULE - UM5



NM5 4 PCS / S.B.P.
UM5/'N' NICAD BATTERY MODULE
Fits into NBC1, NBC2 and NBC3 battery chargers to allow recharging of UM5/'N' (NCUM5) nickel cadmium batteries.

\$3.95

HIGH QUALITY AUDIO CONNECTORS - ARISTA

JUMBO CABLE CONNECTORS

Cable entries allow larger diameter "Jumbo" or "Monster" cables to be terminated. All are supplied with red and black heatshrink tubing for colour coding and insulating each of the connectors.

JCB4 4 PCS/S.B.P.

BANANA PLUGS

Gold plated 4mm banana plugs 20mm long. Accepts cables with a diameter of up to 3.4mm. Can be crimped or solder terminated.

\$7.95

JCF4 4 PCS/S.B.P.

FLEXIBLE PINS

Gold plated 40mm long flexible pins. Accepts cables with a diameter of up to 3.4mm. Can be crimped or solder terminated.

\$8.95

JCL4 4 PCS/S.B.P.

SPADE LUGS

Gold plated lugs with a 4mm wide spade. Accepts cables with a diameter of up to 3.4mm. Can be crimped or solder terminated.

\$3.95

JCP4 4 PCS/S.B.P.

PIN PLUGS

Gold plated 2mm diameter pin plugs. Accepts cables with a diameter of up to 3.4mm. Can be crimped or solder terminated.

\$5.95



Cable

HIGH QUALITY AUDIO CONNECTORS - MONITOR P.C.

MBP145 4 PCS/S.B.P.

BANANA PLUGS

Gold plated 4mm banana plugs. Cable entry accepts up to 4mm diameter cables. Thumbscrew with knurled handle for terminating cables without any soldering or crimping. *2 x red & 2 x black plugs supplied

\$29.95



MSP150 4 PCS/S.B.P.

PIN PLUGS

Gold plated pin plugs 13mm long 2mm diameter pin. Cable entry accepts up to 4mm diameter cables. The knurled gold plated body of the connector unscrews for cable insertion and termination. No soldering or crimping required. *2 x red & 2 x black plugs supplied.

\$29.95

MRCA26 4 PCS/S.B.P.

RCA PLUGS-6MM ENTRY

High quality RCA plugs with 6mm cable entry diameter. *Silver plated body and gold plated centre contact pin. *Coloured coded band for easy identification. *Two red & two black plugs supplied in each pack. *Inline sockets to match these connectors (model RCA16) can be found on page 5 of this catalogue.

\$24.95



MRCA28 4 PCS/SBP

RCA PLUGS-8MM ENTRY

High quality RCA plugs with 8mm cable entry diameter. *Silver plated body and gold plated centre contact pin. *Coloured coded band for easy identification. *Two red & two black plugs supplied in each pack. *Inline sockets to match these connectors (model RCA18) can be found on page 5 of this catalogue.

\$26.95

POWER CUTTING TOOL

MPC290

CABLE CUTTING TOOL

The ultimate cutting tool. Razor sharp cutting blades designed for cutting heavy duty high quality silver and copper Monitor PC cables but will cut most multi-strand cables. Even small trimming of multistrand cables can be accomplished with this tool. The insulating plastic handles are moulded to fit into your hand and are especially comfortable when used regularly during repetitious cutting.

\$49.95



SILVER SOLDER

NEW



MSS291 SILVER SOLDER

100 gram roll. A must for correct soldering of high quality cables and connectors. Recommended for use with all Monitor PC cables and accessories.

\$34.95

REEL

MONITOR PC CABLE STAND



MPC2842 DISPLAY STAND

Display stand designed for storing, displaying and dispensing Monitor PC cables. Each stand holds two rolls of cable, offers a good display and still provides easy access to the stock.

MONITOR P.C. HIGH END AUDIOPHILE SPEAKER CABLE

Designed in Germany, Monitor PC High Technology Cables have been developed and recognised as the perfect cable for quality loudspeaker connections throughout Europe for years by professional sound studios, Hi Fi audiophiles and even the European Space Agency (ESA). Monitor PC achievements have set an enviable standard in Europe, the United Kingdom and the United States and now they are available in Australia. Strands used are only 0.07mm in diameter. They are made from 100% oxygen free copper (OFC) and coated in pure silver, offering up to 2,100 strands each side. They are woven rather than twisted to obtain the greatest cable flexibility.

monitor pc®

This ensures the best possible strand to strand contact over any given length. The impedance of these cables are rated at better than 0.00027ohm per metre which is an industry standard. Several of the cables in the series

have round and square sheath designs (for polarity indication) and extra wide centre cable dividers to suppress interference patterns between cable conductors help to give a capacitance figure of less than 23pF per metre. All sheaths are made from "Fullflex" jackets. This complete series of high quality cables are designed to be used in conjunction with the connectors and accessories listed on page 23 of this catalogue

MONITOR PC "JUNIOR SILVER LINE" CABLE

The perfect budget or starter audio speaker cable. Both these cables are made from 100% oxygen free copper and batch coated in silver.

MPC115 \$3.95/M

Strands: 392 x 0.10mm
Dimensions: 2 x 1.5mm(dia)
Colour: Transparent silver
Polarity Indicator: Red Tracer



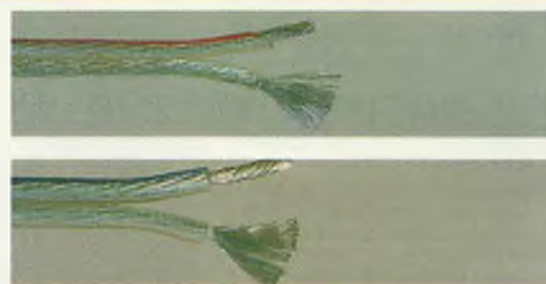
200M/REEL

MPC116 \$5.95/M

Strands: 630 x 0.10mm
Dimensions: 2 x 2.5mm(dia)
Colour: Transparent silver
Polarity Indicator: Blue Tracer



100M/REEL



MONITOR PC "STUDIO LINE" CABLE

These two cables are also made of 100% oxygen free copper and are identical in construction to "Silver Line" cable but not silver plated.

MPC027 \$5.95/M

Strands: 1,302 x 0.07mm
Dimensions: 2 x 2.5mm(dia)
Colour: Transparent copper



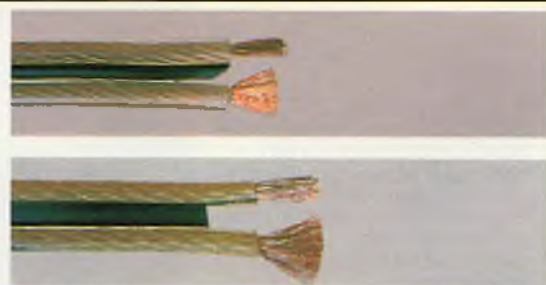
100M/REEL

MPC032 \$8.95/M

Strands: 2,100 x 0.07mm
Dimensions: 2 x 4.0mm(dia)
Colour: Transparent copper



100M/REEL

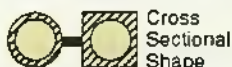


MONITOR PC "SILVER LINE" CABLE

Both these cables are constructed with oxygen free copper and each strand is coated in 99.97% pure silver. Up to 2,072 strands per side are twisted tightly together to form one of the best speaker cables available.

MPC029 \$10.95/M

Strands: 1,302 x 0.07mm
Dimensions: 2 x 2.5mm(dia)
Colour: Transparent silver



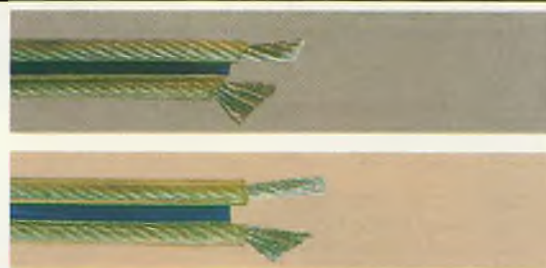
100M/REEL

MPC034 \$15.95/M

Strands: 2,072 x 0.07mm
Dimensions: 2 x 4.0mm(dia)
Colour: Transparent silver



100M/REEL

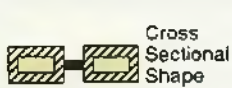


MONITOR PC "SILVER SLIM LINE" CABLE

Identical to the proven "Silver Line" cables except for the winding process. Rather than having twisted strands, they are woven together and sent through a press to flatten the cable. The result is increased conductivity and reduced capacitance.

MPC002 \$11.95/M

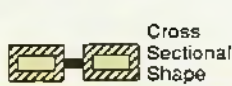
Strands: 1,296 x 0.07mm
Dimensions: 2 x 2.5mm(dia)
Colour: Transparent silver
Polarity Indicator: Blue Tracer



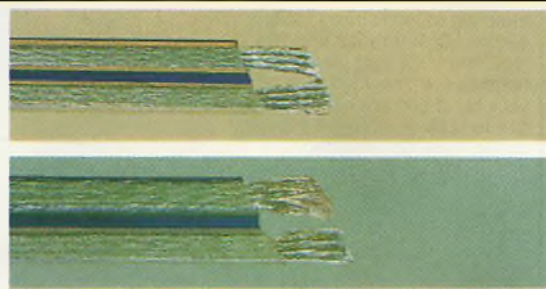
100M/REEL

MPC005 \$17.95/M

Strands: 2,064 x 0.07mm
Dimensions: 2 x 4.0mm(dia)
Colour: Transparent silver
Polarity Indicator: Blue Tracer



100M/REEL



MONITOR P.C. HIGH END AUDIOPHILE PHONO CABLE

Designed in Germany, Monitor PC Phono Cables are the best possible connection cables for low level "input" signals required between signal source components such as compact disc players, turntables, tuners, cassette decks, moving coil pre amplifiers, moving coil step up transformers and reel to reel tape recorders. These cables are also suitable for low level output signals between pre amplifiers and power amplifiers. Monitor PC Phono Cables are available in a variety of

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you can exactly customise your cable requirements to suit your individual needs. This complete series of high quality cables are designed to be used in conjunction with the connectors and accessories listed on page 23 of this catalogue.

constructions which permit their use in the most demanding specialized connection requirements. By selecting your connector from the Monitor PC range and using the "MPC291 Silver Solder"

MONITOR PC STEREO COAXIAL PHONO CABLE

MPC038 \$4.95/M**50M/REEL**

Stereo coaxial figure eight phono cable with copper centre conductors and braided copper shielding. PVC diameter is 6mm which ideally suits Monitor PC RCA plugs "MRCA26" listed on page 23 of this catalogue.

Type: Stereo shielded coaxial
Conductor: Copper
Shield: Braided copper
Dimensions: PVC: 2 x 6mm(dia)
Polarity Indicator: Black & red dielectrics
Colour: Black



PVC
Dielectric Insulator
Centre Conductor
Outer Shielding

**MPC381 \$8.95/M****50M/REEL**

Stereo coaxial figure eight phono cable with oxygen free copper centre conductor and braided copper shielding. Both conductors are separated with an individually insulated centre conductor ground wire. PVC diameter is 6mm which ideally suits Monitor PC RCA plugs "MRCA26" listed on page 23 of this catalogue.

Type: Stereo shielded coaxial
Conductor: Oxygen free copper
Shield: Braided oxygen free copper
Dimensions: PVC: 2 x 6mm(dia)
Polarity Indicator: White & red dielectrics
Colour: Transparent copper



Grounding Wire
PVC
Dielectric Insulator
Centre Conductor
Outer Shielding

**MPC039 \$29.95/M****50M/REEL**

Stereo coaxial silver plated oxygen free copper figure eight phono cable. The single strands of the hot centre conductors and outer woven shields (grounds) are silver plated. Both conductors are separated with an individually insulated grounding conductor wire. PVC diameter is 6mm which ideally suits Monitor PC RCA plugs "MRCA26" listed on page 23 of this catalogue.

Type: Stereo shielded coaxial
Conductor: Silver plated oxygen free copper
Shield: Braided silver plated OFC
Dimensions: PVC: 2 x 6mm(dia)
Polarity Indicator: White & red dielectrics
Colour: Transparent silver



Grounding Wire
PVC
Dielectric Insulator
Centre Conductor
Outer Shielding



MONITOR PC DOUBLE SHIELDED COAXIAL PHONO CABLE

MPC055 \$12.95/M**50M/REEL**

Coaxial silver plated oxygen free copper phono cable. The single strands of the hot centre conductor and outer woven shield (ground) are silver plated. The centre conductor and outer shielding are separated with a Polyethylene insulator. The outer diameter is 4.8mm which ideally suits Monitor PC RCA plugs "MRCA26" listed on page 23 of this catalogue.

Type: Shielded coaxial
Conductor: Silver plated oxygen free copper
Shield: Braided silver plated OFC
Dimensions: PVC: 1 x 4.8mm(dia)
Colour: Transparent silver



PVC
Dielectric Insulator
Centre Conductor
Outer Shielding

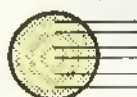


Top quality "Hollow Conductor" type cable with thick, multiple strand woven outer shielding. Both are made of oxygen free copper and the MPC081 has pure silver plated single strands in the inner centre conductor, the ground shield and outer shields. This further increases conductivity and reduces signal loss due to the larger silver plated conducting area. Resistance is well below 0.02 ohm per metre on the centre conductor as well as having negligible capacitance and inductance. The outer shielding has no signal transfer duties, but specific shielding functions only.

MPC081 \$19.95/M**50M/REEL**

Double shielded coaxial high speed symmetrical response "Hollow Conductor" phono cable. Both the centre conductor, the ground shielding and the outer shielding are constructed from oxygen free copper. PVC diameter is 8mm which ideally suits Monitor PC RCA plugs "MRCA28" listed on page 23 of this catalogue.

Type: Double shielded coaxial
Conductor: Oxygen free copper
Ground Shield: Braided oxygen free copper
Outer Shield: Braided oxygen free copper
Dimensions: PVC: 8mm(dia)
Colour: Red



Dielectric Insulator
Inner Shielding
Centre Conductor
Dielectric Insulator
Outer Shielding
PVC



300 OHM RIBBON CABLE

RC300.B BLACK ●
RC300.C CLEAR ○
 300 ohm antenna cable.
 Width: 9.5mm
 Thickness: 1.5mm
 Conductors: 7 strands/0.21mm

\$0.40/M

200M/REEL

RC300.SB BLACK ●
 300 ohm slotted antenna cable.
 Width: 9.5mm
 Thickness: 1.5mm
 Conductors: 7 strands/0.21mm

\$0.45/M

200M/REEL

75 OHM COAXIAL CABLE

3C2V.B BLACK ●
3C2V.W WHITE ○
 75 ohm VHF/FM coaxial cable.
 Attenuation: 6.2dB/100ft
 Conductor: Copper 0.65mm
 Shielding: Braided copper
 Dielectric: Foam P.E.
 Sheath: O.D. 5.0mm

\$0.95/M

100M/REEL

RG59U BLACK ●
 75 ohm UHF/VHF/FM coaxial cable.
 Attenuation: 4.9dB/100ft
 Conductor: Copper 0.65mm
 Shielding: Braided copper
 Dielectric: Foam P.E.
 Sheath: O.D. 6.05mm

\$1.25/M

100M/REEL

5CAS.B BLACK ●
5CAS.BR BROWN ●
5CAS/200 BLACK ●
 75 ohm UHF/VHF/FM airspaced coaxial cable.
 Attenuation: 4.3dB/100ft
 Conductor: Copper 1.0mm
 Shielding: Braided copper
 Dielectric: Airspaced foam
 Sheath: O.D. 6.5mm

\$1.45/M

100M/REEL

100M/REEL

200M/REEL

5C2V BLACK ●
5C2V/200 BLACK ●
 75 ohm UHF/VHF/FM low loss coaxial cable.

\$1.60/M

100M/REEL

200M/REEL

52 AND 93 OHM COAXIAL CABLE

RG58 BLACK ●
 52 ohm CB (HF) coaxial cable.
 Attenuation: 4.2dB/100ft
 Conductor: Copper 1.20 19mm
 Shielding: Braided
 Dielectric: Foam P.E.
 Sheath: O.D. 4.8mm

\$1.10/M

100M/REEL

RG58CU BLACK ●
 52 ohm CB (HF) coaxial cable.
 Attenuation: 3.6dB/100ft
 Conductor: Copper 15/0.19mm
 Shielding: Braided Tinned
 Dielectric: Foam P.E.
 Sheath: O.D. 4.9mm

\$1.45/M

100M/REEL

RG62 BLACK ●
 93 ohm computer coaxial cable.
 Attenuation: 3.9dB/100ft
 Conductor: Copper 0.65mm
 Shielding: Braided copper
 Dielectric: Airspaced spiral P.E.
 Sheath: O.D. 6.05mm

\$2.95/M

100M/REEL

COAXIAL CABLE JOINER

RZ40
 COAXIAL CABLE JOINER
 Coaxial cable joiner with plastic body. Screw terminating.

\$1.45

VIDEO MULTICORE CABLE

VMC9 BLACK ●
 Video multicore cable with black PVC.
 For video/audio signals.
 4 x shielded single cores: 10/0.12 (25/0.12 shield)
 2 x shielded single cores: 10/0.12 (42/0.12 shield) P.E.
 1 x single core: 7/0.16
 1 x drain wire: 10/0.16
 Sheath: O.D. 9mm

\$7.45/M

100M/REEL

VMC12 BLACK ●
 Video multicore cable with black PVC.
 For pure RGB audio/video signals.
 6 x shielded single cores: 10/0.12 (25/0.12 shield)
 2 x shielded twin cores: 10/0.12 (10/0.16 shield) + foil
 2 x single cores: 7/0.16
 1 x drain wire: 11/0.16
 1 x foil
 Sheath: O.D. 10mm

\$9.95/M

100M/REEL

SHIELDED AUDIO CABLE

SAC1.B BLACK ●
SAC1.G GREY ○
 Single core shielded cable with round PVC.
 Conductors: 1 x 7 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 3.0mm

\$0.50/M

100M/REEL

SAC1M BLACK ●
 Single core miniature shielded cable with round PVC.
 Conductors: 1 x 10 strands/0.8mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 1.3mm

\$0.35/M

100M/REEL

SAC2.B BLACK ●
SAC2.G GREY ○
 Twin core shielded cable with round PVC.
 Conductors: 2 x 10 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 3.7mm

\$0.80/M

100M/REEL

SAC2M BLACK ●
 Twin core miniature shielded cable with round PVC.
 Conductors: 2 x 7 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 3.0mm

\$0.55/M

100M/REEL

SAC3.B BLACK ●
SAC3.G GREY ○
 Twin core individually shielded cable-figure eight.
 Conductors: 2 x 10 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 2 x 2.8mm

\$0.85/M

100M/REEL

SAC4.B BLACK ●
SAC4.G GREY ○
 Four core shielded cable with round PVC.
 Conductors: 4 x 10 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 4.8mm

\$1.60/M

100M/REEL

SAC4F BLACK ●
 Four core individually shielded cable with flat PVC.
 Conductors: 4 x 10 strands/0.10mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 4 x 2.5mm

\$0.95/M

100M/REEL

SAC5.B BLACK ●
SAC5.G GREY ○
 Five core individually shielded cable with round PVC.
 Conductors: 5 x 10 strands/0.12mm
 Shielding: Wrapped copper
 Sheath: P.V.C. O.D. 6.0mm

\$1.95/M

100M/REEL

CABLE

LOW VOLTAGE CABLE

SPC1/10 BLACK ●
SPC1/20 GREY ○
Low voltage speaker cable-figure eight.
Conductors: 2 x 14 strands/0.14mm
Sheath: P.V.C. O.D. 2 x 2.1mm
Polarity Indicator: Red tracer

2 X 5 METRES/C.S.B.
2 X 10 METRES/P.B.H.



SPC1/10 \$4.95
SPC1/20 \$5.95

SPC1.B BLACK ●
SPC1.BR BROWN ○
SPC1.G GREY ○
SPC1.W WHITE ○
Low voltage speaker cable-figure eight.
Conductors: 2 x 14 strands/0.14mm
Sheath: P.V.C. O.D. 2 x 2.1mm
Polarity Indicator: Red or black tracer

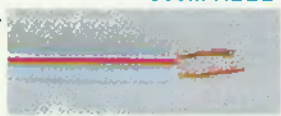
100M/REEL



\$0.35/M

SPC1/500 GREY ○
Low voltage speaker cable-figure eight.
Conductors: 2 x 14 strands/0.14mm
Sheath: P.V.C. O.D. 2 x 2.1mm
Polarity Indicator: Black tracer

500M/REEL



\$0.35/M

SPC2.B BLACK ●
SPC2.G GREY ○
Low voltage speaker cable-figure eight.
Conductors: 2 x 23 strands/0.14mm
Sheath: P.V.C. O.D. 2 x 2.5mm
Polarity Indicator: Red tracer

100M/REEL



\$0.55/M

SPC2S.BR BROWN ○
SPC2S.W WHITE ○
Low voltage speaker cable-figure eight.
Conductors: 2 x 13 strands/0.20mm
Sheath: P.V.C. O.D. 2 x 2.2mm
Polarity Indicator: Brown/White Tracer
White: Red Tracer

100M/REEL



\$0.50/M

SPC3 CLEAR ○
High definition soft flexible low voltage speaker cable-figure eight.
Conductors: 2 x 41 strands/0.16mm
Sheath: P.V.C. O.D. 2 x 3.5mm
Polarity Indicator: One copper & one tinned core.

100M/REEL



\$1.75/M

SPC4 CLEAR ○
Low loss cable with clear PVC (one round/one square core).
Conductors: 2 x 189 strands/0.12mm
Sheath: P.V.C. O.D. 2 x 5mm
Polarity Indicator: Round and square PVC with white tracer

100M/REEL



\$2.50/M

SPC5 CLEAR ○
High quality super low loss cable with clear PVC.
Conductors: 2 x 513 strands/0.10mm
Sheath: P.V.C. O.D. 2 x 7mm
Polarity Indicator: Round and square PVC with white tracer

100M/REEL



\$6.25/M

SPC6 CLEAR ○
Jumbo phase 3 twin core cable with seven grouped conductors.
Conductors: 3 for bass x 14 strands/0.18mm
2 for midrange x 32 strands/0.12mm
2 for highs x 70 strands/0.08mm
Sheath: P.V.C. O.D. 2 x 6mm
Polarity: One copper and one tinned core.

100M/REEL



\$6.50/M

SPC7 BLACK ●
Superb four core cable with very low capacitance and resistance features that makes it ideal for lengthy high power audio runs. Designed to fit all standard Cannon and XLR connectors.
Conductors: 4 x 54 strands/0.18mm
Sheath: P.V.C. O.D. 7.6mm
Polarity Indicator: Multi coloured cores

100M/REEL



\$4.50/M

SHIELDED MICROPHONE CABLE

SMC1 BLACK ●
Single core shielded cable high quality for unbalanced microphones.
Conductors: 1 x 16 strands/0.15mm
Shield: Braided copper
Sheath: P.V.C. O.D. 4.5mm

100M/REEL



\$1.55/M

SMC2 BLACK ●
Twin core shielded cable high quality for balanced line microphones. Lined with cotton filler for high flexibility and colour coded conductors.
Conductors: 2 x 14 strands/0.18mm
Shield: Braided copper
Sheath: P.V.C. O.D. 6.5mm

100M/REEL



\$1.95/M

SMC3 BLACK ●
Twin core shielded cable high quality for balanced line microphones. Tinned copper shielding and colour coded conductors.
Conductors: 2 x 19 strands/0.15mm
Shield: Tinned braided copper
Sheath: P.V.C. O.D. 5.2mm

100M/REEL



\$2.25/M

SMC4 BLACK ●
Unique twin core low noise double shielded cable for 99.9% effective shield. Oxygen free copper suitable for balanced line microphones.
Conductors: 2 x 20 strands/0.12mm
Shield: Conductive PVC
Sheath: P.V.C. O.D. 6.45mm

100M/REEL



\$2.65/M

BURGLAR ALARM SECURITY CABLE

BSC2.B BLACK ●
BSC2.BR BROWN ○
BSC2.W WHITE ○
Two pair (four core) burglar alarm security cable with round PVC.
Conductors: 4 x 7 strands/0.18mm
Sheath: P.V.C. O.D. 4.3mm
Conductor Colours: Black, red, white & yellow.

100M/REEL



\$0.70/M

BSC3.B BLACK ●
BSC3.W WHITE ○
Three pair (six core) burglar alarm security cable with round PVC.
Conductors: 6 x 7 strands/0.18mm
Sheath: P.V.C. O.D. 5.5mm
Conductor Colours: Black, blue, green, red, white & yellow.

100M/REEL



\$0.95/M

AUTOMOTIVE CABLE

AW1 RED/BLACK ●●
3 amp automotive heavy duty low voltage cable-figure eight.
Conductors: 2 x 37 strands/0.12mm
Sheath: P.V.C. O.D. 2 x 3.5mm
Gauge: AWG21

100M/REEL



\$0.70/M

AW2 RED/BLACK ●●
5 amp automotive heavy duty low voltage cable-figure eight.
Conductors: 2 x 37 strands/0.16mm
Sheath: P.V.C. O.D. 2 x 4.0mm
Gauge: AWG19

100M/REEL



\$1.00/M

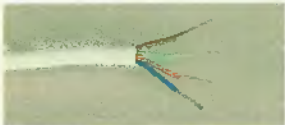
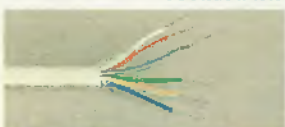
AW3 RED/BLACK ●●
10 amp automotive heavy duty low voltage cable-figure eight.
Conductors: 2 x 61 strands/0.18mm
Sheath: P.V.C. O.D. 2 x 4.5mm
Gauge: AWG15

100M/REEL



\$1.95/M

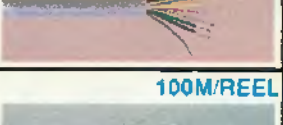
TELEPHONE COMMUNICATION CABLE

TLC2	WHITE	100M/HANK
Two pair (four core) twisted cable. Conductors: 4 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 2.8mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$0.55/M		
TLC3	WHITE	100M/HANK
Three pair (six core) twisted cable. Conductors: 6 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 4.3mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$0.85/M		
TLC4	WHITE	100M/HANK
Four pair (eight core) twisted cable. Conductors: 8 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 5.3mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$1.15/M		
TLC6	WHITE	100M/HANK
Six pair (twelve core) twisted cable. Conductors: 12 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 6.2mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$1.65/M		
TLC8	WHITE	100M/HANK
Eight pair (sixteen core) twisted cable. Conductors: 16 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 6.7mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$2.25/M		
TLC10	WHITE	100M/HANK
Ten pair (twenty core) twisted cable. Conductors: 20 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 7.0mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$2.95/M		
TLC15	WHITE	100M/HANK
Fifteen pair (thirty core) twisted cable. Conductors: 30 x 1 strand/0.5mm tinned. Sheath: P.V.C. O.D. 8.5mm. Polarity Indicator: Each pair has one coloured and one white conductor.		
		
\$3.95/M		

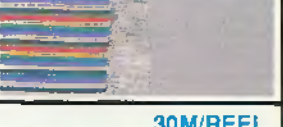
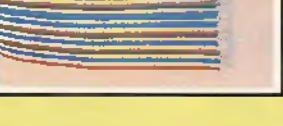
TELEPHONE CABLE

TEL104	CREAM	100M/REEL
Four conductor flat telephone cable. Conductors: 4 x 7 strand/0.16mm tinned. Sheath: P.V.C. O.D. 2.8 x 5.0mm. Polarity Indicator: Colour coded conductors.		
		
\$0.65/M		
TEL106	CREAM	100M/REEL
Six conductor flat telephone cable. Conductors: 6 x 7 strand/0.16mm tinned. Sheath: P.V.C. O.D. 2.8 x 7.0mm. Polarity Indicator: Colour coded conductors.		
		
\$1.00/M		
TEL108	CREAM	100M/REEL
Eight conductor flat telephone cable. Conductors: 8 x 7 strand/0.16mm tinned. Sheath: P.V.C. O.D. 2.8 x 8.4mm. Polarity Indicator: Colour coded conductors.		
		
\$1.50/M		

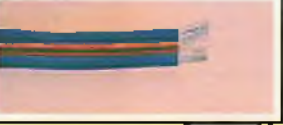
COMPUTER CABLE

CIC6	GREY	100M/REEL
6 conductor computer interface cable meets "IE422" specs. Conductors: 6 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 8.0mm. Shield: Braided.		
		
\$1.95/M		
CIC9	GREY	100M/REEL
9 conductor computer interface cable. Conductors: 9 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 8.2mm. Shield: Mylar with earth drain.		
		
\$2.95/M		
CIC12	GREY	100M/REEL
12 conductor computer interface cable. Conductors: 12 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 8.8mm. Shield: Mylar with earth drain.		
		
\$3.15/M		
CIC16	GREY	100M/REEL
16 conductor computer interface cable. Conductors: 16 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 7.2mm. Shield: Mylar with earth drain.		
		
\$3.50/M		
CIC19	GREY	100M/REEL
19 conductor computer interface cable. Conductors: 19 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 7.5mm. Shield: Mylar with earth drain.		
		
\$3.95/M		
CIC25	GREY	100M/REEL
25 conductor computer interface cable. Conductors: 25 x 7 strands/0.16mm tinned copper. Sheath: P.V.C. O.D. 9.0mm. Shield: Mylar with earth drain.		
		
\$5.15/M		

FLAT IDC CABLE

SCF16	30M/REEL
16 conductor flexible laminate covered insulation displacement computer cable. Suits IDC connectors with 1.27mm (0.5") pitch.	
	
\$3.95/M	
SCF26	30M/REEL
26 conductor flexible laminate covered insulation displacement computer cable. Suits IDC connectors with 1.27mm (0.5") pitch.	
	
\$4.95/M	
SCF36	30M/REEL
36 conductor flexible laminate covered insulation displacement computer cable. Suits IDC connectors with 1.27mm (0.5") pitch.	
	
\$6.95/M	
SCF50	30M/REEL
50 conductor flexible laminate covered insulation displacement computer cable. Suits IDC connectors with 1.27mm (0.5") pitch.	
	
\$8.95/M	

RAINBOW CABLE

FRC12	100M/REEL
12 conductor flat rainbow cable. Each 1.2mm diameter core is colour coded and can be easily separated.	
	
Conductors: 12 x 7 strands/0.12mm. PVC: Each with 1.2mm dia.	
\$1.95/M	

BELL WIRE

BW2

BELL WIRE

Two conductor bell wire.

•Red / white solid twisted cores

•Conductors: 2 x 1/0.71mm

•Sheath: PVC OD. 2 x 1.35mm

\$0.45/M

100M / REEL



PUBLIC ADDRESS CABLE

SPC100

PA SPEAKER CABLE

Two conductor twisted cable designed for public address installations. IE: 70/100 volt line speaker runs where signal loss must be kept to a minimum.

•Conductors: 2 x 20/0.26mm

•Sheath: PVC OD. 8.5mm

\$1.90/M

100M / REEL



HOOKUP WIRE



SINGLE CORE HOOK-UP WIRE

Single conductor light to medium flexible hook-up wire. Both types are available in the following colours: Black (B), Blue (Bu), Brown (BR), Green (Gn), Grey (G), Orange (O), Red (R), Violet (V), White (W) and Yellow (Y).

HUW1

•Conductors: 1 x 10/0.12mm

•Sheath: PVC. OD. 1.0mm

•Current Rating: 1 Amp

\$12.95/REEL

HUW2

•Conductors: 1 x 20/0.12mm

•Sheath: PVC. OD. 1.5mm

•Current Rating: 2 Amp

\$26.95/REEL

100M / REEL

SINGLE CORE HOOK-UP WIRE IN HANGING CLAM SHELL

All of the following cables are packaged in various lengths in easy to display hanging clam shell blisters. Each pack contains a roll of low voltage insulated hook-up wire and are available in the following colours: Black (B), Green (Gn), Red (R), White (W) and Yellow (Y).

HUW5

•Conductors: 1 x 14/0.25mm

•Gauge: 18

•Sheath: PVC. OD. 2.4mm

•Length: 12 metres

HUW6

•Conductors: 1 x 16/0.30mm

•Gauge: 16

•Sheath: PVC. OD. 2.6mm

•Length: 8.6 metres

HUW7

•Conductors: 1 x 19/0.36mm

•Gauge: 14

•Sheath: PVC. OD. 2.9mm

•Length: 6 metres

HUW8

•Conductors: 1 x 19/0.45mm

•Gauge: 12

•Sheath: PVC. OD. 3.5mm

•Length: 3.6 metres

HUW9

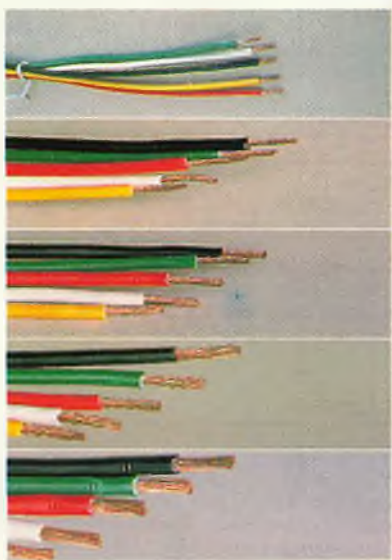
•Conductors: 1 x 19/0.59mm

•Gauge: 10

•Sheath: PVC. OD. 4.4mm

•Length: 2.4 metres

\$5.95



INSULATION TUBING

IT30

INSULATION TUBING

Designed to fit over twisted or soldered wire connections.

•Contains 30 pieces 130mm long

•Assorted sizes - 2 each of: 13, 16, 20, 25 & 38mm inner diameter.

\$14.95

V.B.H.



HEATSHRINK TUBING

VARIOUS SIZED HEAT SHRINK TUBING

Assorted sizes and colours for insulating twisted or soldered joints.

HST10

•10 pieces per pack. •100mm long.

•Assorted sizes: 2 each of the following: 13, 16, 20, 25 & 38mm inner diameter.

\$17.95

HST14

•14 pieces per pack. •100mm long.

•Sizes from 3.5mm to 10mm inner dia.

\$9.95

V.B.H.



HST45

HEATSHRINK KIT- CONTAINS 45 PIECES

Complete heatshrink kit with various sizes in a reusable easy to hang and display clam shell blister.

•Colour: Black.

•Each set contains 45 pieces 100mm long.

•Assorted sizes: 20 x 2.4mm, 20 x 4.7mm, 3 x 9.5mm & 2 x 19mm.

\$8.95

C.S.B.



HEATSHRINK TUBING

Heatshrink tubing in a reusable easy to hang and display clam shell blister. Ideal for insulating or sealing purposes.

•Colour: Black.

•Each piece is 100mm long.

HST20

•Inner Diameter: 2.4mm

•Quantity: 20

HST21

•Inner Diameter: 3.1mm

•Quantity: 20

\$3.95

HST22

•Inner Diameter: 4.7mm

•Quantity: 19

HST23

•Inner Diameter: 6.3mm

•Quantity: 17

C.S.B.

JUMPER KITS



S.B.P.

**JK5
HEAVY DUTY JUMPER LEADS**

- Five colour coded jumper leads.
- ~560mm long with alligator clips on each end.
- Alligator clips are insulated with vinyl boots.
- Conductors: 5 x 20/0.20mm

\$5.45

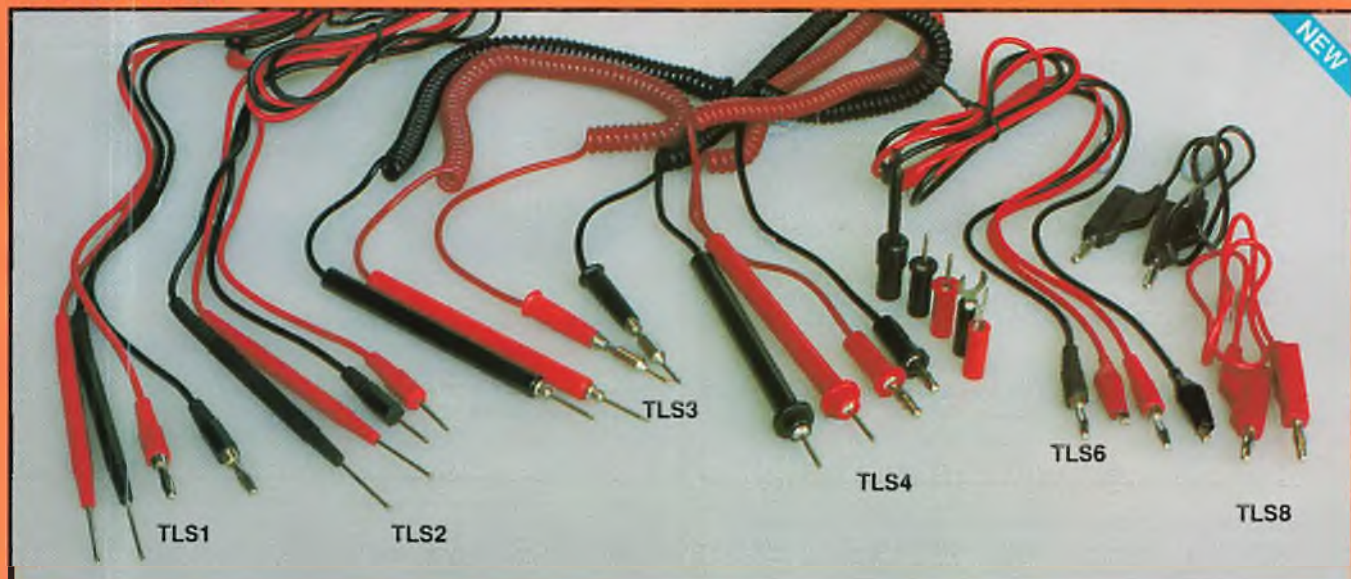
S.B.P.

**JK10
JUMPER LEADS**

- Ten colour coded jumper leads.
- ~450mm long with alligator clips on each end.
- Alligator clips are insulated with vinyl boots.
- Conductors: 10 x 11/0.18mm

\$6.95

TEST LEAD SETS

**TLS1**

- Pin probes to 4mm Banana plugs.
- Colour coded Red & Black leads.
- Length: 1.2 metres.

\$4.95

S.B.P.

TLS2

- Pin probes to pin plugs.
- Colour coded Red & Black leads.
- Length: 1.2 metres.

\$3.95

S.B.P.

TLS6

- 4mm Banana plugs to Alligator clips.
- Colour coded Red & Black leads.
- Length: Curly cord 1.2 metres extended.

\$4.95

S.B.P.

TLS8 NEW

- 4mm Banana plug to 4mm Banana plug.
- Both have 4mm link sockets for piggy back.
- Colour coded Red & Black leads.
- Length: 1.2 metres.

\$6.95

S.B.P.

TLS3

- Pin probes to 4mm Banana plugs
- Pin plugs
- Colour coded Red & Black leads.
- Length: Curly cord 1.2 metres extended.

\$6.95

S.B.P.

TLS4

- Pin probes to IC clips
- 4mm Banana plugs
- Pin plugs or Lugs
- Interchangeable connectors screw together.
- Colour coded Red & Black leads.
- Length: Curly cord 1.2 metres extended.

\$10.95

S.B.P.

TC22 TEST LEAD CABLE

- Two high quality low resistance flexible cables for making your own test leads.
- Colour coded Red & Black leads-2m..
- Conductors: 2 x 510 / 0.05 O.D. 3.0mm

\$10.95

S.B.P.



TEMPERATURE CONTROLLED SOLDERING IRON STATION



TCS1 D.B. TEMPERATURE CONTROLLED SOLDERING STATION

Ideal unit for both the hobbyist and the electronics technician alike. This unit has a large easy to read LED digital readout, fast heat up and cool down times. It incorporates circuitry which allows the soldering iron tip to be controlled between the temperatures of 150 to 480 degrees celcius. A sensitive temperature sensor is located at the tip of the iron resulting in rapid response times and little temperature variation during long periods of soldering at the one temperature. Constant monitoring of the tip is also relayed to the large LED display giving an accurate temperature reading. The tip of the iron is completely isolated from the AC line by a transformer and only low voltage 24 volts is utilized to power the heating element. This is not only safer but it prevents large voltage spikes etc damaging current-sensitive components during use. The unit is supplied complete with a desk top control station base, soldering iron with iron plated copper soldering tip, soldering iron stand, cleaning sponge and cleaning tray.

Soldering at the correct temperature is very important to ensure a perfect solder connection. If the temperature is too low the solder will not flow correctly and cause cold solder joints. If the soldering temperature is too high the flux will be burned and again not allow the solder to flow. High temperature can also cause damage to the PC board and other heat sensitive components. When tip working temperatures are set within the correct parameters suited to the particular solder being used a good conductive joint is assured. The most common solder alloy being used in the electronics industry is 60% tin, 40% lead (60/40) Arista model "RCS1,2,3,5". Common tip temperatures for working with this type of solder are detailed below:

Melting point:	215 degrees celcius
Normal Operation:	270 - 300 degrees celcius
Production line Operation:	320 - 380 degrees celcius
Desoldering Operation (Small):	315 degrees celcius
Desoldering Operation(Large):	400 degrees celcius

\$229.95

DESK MULTIMETER

DMM5 D.B. BENCH TOP FREESTANDING DIGITAL MULTIMETER

This auto ranging meter has a large easy to read digital display, compact freestanding yellow 94 x 90 x 74mm cabinet and four rubber anti slip feet designed for any electrician's, electronics technician and hobbyist's work or test bench. It has facilities for measuring AC & DC voltage, impedance, AC & DC current and continuity. It also has input sockets for testing diodes and transistors. Data and range hold are also standard features and the unit is easily selectable between auto or manual ranging.

- Mode and range settings are all push button selectable.
- 10 amp DC current range
- Fuse protected on all ranges except 10 amp DC current range.
- Diode and continuity check has audible alarm indicator.
- Low battery indicator.
- Self checking display each time unit is turned on.
- Polarity (+/-) indicator.

SPECIFICATIONS:

DC Volts:	0-2-20-200-1000V (+/-0.8%)
AC Volts:	0-2-20-200-700V (+/-1%)
DC Current:	0-20-2000mA (+/-1.2%)
	0-10A (+/-1.5%)
AC Current:	0-20-200mA (+/-1.5%)
	0-10A (+/-2%)
Resistance:	0-200-2k-20k-200k-2000k (+/-1%)
	0-20M (+/-2%)
Continuity:	0-2k (+/-1.2%)
	Buzzer sounds at 600 ohm or less.
	Test current: 0.4mA or less
Battery:	1.5VDC-UM3/AA size (Arista GP15A) X 2
Size:	94(W) x 90(L) x 74(H)mm
Accessories:	Test leads, manual, batteries, spare fuse.

\$129.95



ANALOGUE MULTIMETERS

AMM1 (WAS VOM1)

S.B.P.

POCKET SIZED ANALOGUE MULTIMETER

- Miniature pocket multimeter complete with test leads.
- 6 different settings, 15 overall ranges.
- Each is easily selectable with large rotary switch.
- Parallax errors are easily avoided with large three coloured mirrored scale.
- Adjustable impedance (ohms) control.

SPECIFICATIONS:

DC Volts:	0-200mV-2-200-1000V (+/-0.8%)
AC Volts:	0-15-5-500-1000V (2K Ohm/Volt)
DC Current:	0-500uA-10mA-250mA
Resistance:	0-5k-50k-500k (Rx10-Rx100-Rx1k)
dB:	-10 to +62dB
Battery:	1.5VDC-UM3/AA size (Arista GP15A)
Size:	100 x 64 x 32mm
Weight:	180 grams
Accessories:	Test leads, manual, battery

\$24.95**AMM2 (WAS VOM2)**

S.B.P.

ANALOGUE MULTIMETER WITH DESK STAND

- Fuse protected multimeter with large easy to read panel and pop out desk stand.
- 7 different settings, 20 overall ranges.
- Each is easily selectable with large rotary switch.
- Parallax errors are easily avoided with large three coloured mirrored scale.
- Adjustable impedance (ohms) control.
- 10 amp DC current range.
- Battery test and continuity buzzer.

SPECIFICATIONS:

DC Volts:	0-0.25-2.5-10-50-1000V (+/-3%)
AC Volts:	0-10-50-250-1000V (+/-4%)
DC Current:	0-50uA-5mA-50mA-500mA-10A
Resistance:	0-10k-100k-10M (Rx1-Rx10-Rx1k)
dB:	-10 to 62dB
Continuity:	Buzzer sounds at less than 140 ohms
Battery Test:	1.5V (10 ohm load) & 9V (900 ohm load)
Battery:	1.5VDC-UM3/AA size (Arista GP15A)
Size:	152 x 14 x 42mm
Weight:	250 grams
Accessories:	Test leads, spare fuse, batteries, manual

\$49.95**AMM3**

S.B.P.

EXTRA LARGE ANALOGUE MULTIMETER

- This meter is housed in a 170 x 125 x 50mm cabinet with a large analogue colour coded meter for accurate, quick readings. It has facilities for measuring AC & DC voltage, impedance and decibels. Impedance, AC and DC voltage readings are selectable between two ranges depending on the sensitivity required. 1.5 and 9 volt dry cell batteries can also be checked with the inbuilt battery tester. Circuitry has also been incorporated to protect the meter movement from accidental overload. Complete with a carrying handle and housed in a robust black plastic cabinet.
- 6 different settings, 41 overall ranges.
- Each is easily selectable with large rotary switch.
- Parallax errors are easily avoided with large three coloured mirrored scale.
- Adjustable impedance (ohms) control.
- 1000 volt DC range

SPECIFICATIONS:

DC Volts:	0-0.25-2.5-10-50-250-1000V (+/-3%)
	0-0.125-1.25-5-25-125-500V (+/-3%)
AC Volts:	0-10-50-250-1000V (+/-4%)
	0-5-25-125-500V (+/-4%)
DC Current:	0-25-50uA (+/-3%)
	0-2.5mA-5mA-25mA-50mA-250mA-500mA (+/-3%)
Resistance:	0-20M (Rx1-Rx10-Rx100-Rx1k-Rx10k) (+/-3%)
dB:	-20 to 62dB
Battery Test:	1.5V & 9V
Battery:	1.5VDC-UM3/AA size (Arista GP15A) X 1
	9 VDC-006P (Arista GP1604A) X 1
Size:	170 x 125 x 50mm / 550 grams
Accessories:	Test leads, manual, batteries

\$84.95

DIGITAL MULTIMETERS

DMM1

POCKET DIGITAL AUTO RANGING MULTIMETER

Digital multimeter with auto or manual ranging facility in a handy vinyl pocket wallet.

- Slide selector switch.
- 3.5 digit LCD-max reading 1999.
- Automatic polarity, overload, low battery & range hold functions.
- Complete in vinyl covered wallet for protection.

SPECIFICATIONS:

DC Volts:	0-2000mV-20-200-450V (+/-7%)
AC Volts:	0-20-200-450V (+/-2.3%)
Resistance:	0-200-2k-20k-200k-2M Ohm (+/-2%)
Continuity:	Buzzer sounds at less than 200 ohms
Battery:	LR44 or SR 44 x 2
Size:	106 x 51 x 12mm
Weight:	100 grams
Accessories:	Test leads, vinyl pocket wallet, manual, batteries

\$79.95

S.B.P.



DMM2 (WAS VOM3)

DIGITAL AUTO RANGING MULTIMETER

High quality, modern style, pocket sized complete with test leads and manual.

- Easily selectable ranges with large rotary switch.
- Features continuity buzzer, display hold & memory functions.
- Fully automatic polarity, overload, low battery & range functions
- Internal shunt allows up to 10 amps in the AC/DC current range

SPECIFICATIONS:

DC Volts:	0-200mV-20-200-1000V (+/-8%)
AC Volts:	0-2-200-500V (+/-1.2%)
AC/DC Current:	0-20mA-200mA (+/-1.2%) 10A (+/-1.75%)
Resistance:	0-200-2k-20k-200k-2M Ohm (+/-1%)
Continuity:	Buzzer sounds at less than 20 ohms
Battery:	9VDC-006P/216 size (Arista GP1604A)
Size:	100 x 64 x 32mm
Weight:	180 grams
Accessories:	Test leads, manual, batteries

\$99.95

S.B.P.

DMM3

DIGITAL AUTO RANGING MULTIMETER WITH BAR GRAPH

Multimeter with digital LCD readout for applications that need accurate readings plus a moving LCD bar graph for continuity readings where a simple quick and easy to read meter movement is all that is required. Comes complete in a protective padded vinyl zip up case.

- Easily selectable ranges with large rotary switch.
- Features continuity buzzer, display hold & two impedance ranges.
- Fully automatic polarity, overload, low battery & range functions.
- Internal shunt allows up to 10 amps in the AC/DC current range.
- Fuse protection on all ranges except AC/DC 10 amp.
- Fold out desk stand on back of unit.

SPECIFICATIONS:

DC Volts:	0-200mV-2-20-200-1000V (+/-8%)
AC Volts:	0-2-200-700V (+/-1.0%)
AC/DC Current:	0-20mA-200mA (+/-1.0%) 10A (+/-2.0%)
Resistance:	Ω: 0-200-2k-20k-200k-2M Ohm (+/-1%) LoΩ: 0-2k-20k-200k-2M Ohm (+/-1%)
Continuity:	Buzzer sounds at less than 20 ohms
Battery:	9VDC-006P/216 size (Arista GP1604A)
Size:	180 x 92 x 40mm
Weight:	360 grams
Accessories:	Test leads, padded vinyl carry case and manual

\$179.95

BOX.



BUTANE TORCHES & SOLDERING IRONS

NEW


BGT1
BUTANE GAS TORCH - HANDHELD

S.B.P.

This refillable butane gas torch will give up to two hours continuous use after each refill. Tips are interchangeable which allows this item to be used for soldering, welding, heat shrinking, melting, brazing etc. It has a variable temperature and flame pressure and is easily refilled with readily available cigarette lighter butane gas. The BGT1 is supplied with one head and soldering tip and replacement tips Arista model "BGT15" are available.

- Up to 400 degrees Celcius can be reached for soldering.
- Up to 1300 degrees Celcius can be reached - open flame.

\$49.95

NEW


BGT5
SELF IGNITING BUTANE GAS TORCH

D.B.

Refillable butane gas torch with its own ignition system simply requires a push of a button to ignite. The handle is designed with a flat base enabling use as a free standing unit or as a hand held. Ideal for welding, heat shrinking, melting plastics etc.

- Variable temperature and flame pressure.
- Easily refilled with readily available cigarette lighter butane gas.
- 1300 degrees Celcius with open flame.

\$94.95

NEW


BGT3
BUTANE GAS TORCH TOOL KIT

D.B.

Complete tool kit designed around a hand held butane gas torch. Supplied with a roll of 1mm solder, tip cleaning tray, six soldering tips, hot knife, flat flame thrower, pencil flame thrower, two heads and the butane gas torch itself.

•Features and specifications on the torch itself are the same as "BGT1".

\$99.95

HT5

S.B.P.

240V AC 20 WATT SOLDERING IRON

Soldering iron with patented heating element assures high efficiency and reliable operation.

- Fixed temperature at 370 degrees Celcius.
- Iron clad chrome plated long life tips.
- Replacement tips available: RT1, RT1.5 & RT3
- Weight: 180 grams •20 Watt
- E.A. Approval No: N1499

\$29.95

HT35

S.B.P.

240V AC VARIABLE TEMP. SOLDERING IRON

Professional quality soldering iron with variable 250 to 450 degrees Celcius phase controlled element.

- Fully variable between 16 to 25 watt.
- Iron clad chrome plated long life tips.
- Replacement tips available: RT1, RT1.5 & RT3
- Weight: 180 grams •16 to 25 watt
- E.A. Approval No: N1499

\$44.95

NEW


BGT15
BUTANE GAS TORCH TIPS

P.B.H.

Five piece spare part kit to suit the "BGT1 & 3" gas torches.

- 2.5 & 3.5mm diagonal tips.
- 3.5mm chisel tip.
- Solder head.
- Hot knife head.

\$39.95

HT4

S.B.P.

12VDC 30 WATT SOLDERING IRON

12 volt DC soldering iron with cigarette lighter plug which makes it ideal for use with cars, caravans, boats etc.

- Plugs into any 12VDC cigarette lighter socket with a negative earth.
- 30 watt
- Cord length: 4.5metres

\$12.95

HT34

S.B.P.

12VDC 30 WATT SOLDERING IRON

High quality 12 volt DC soldering iron.

- Fitted with large colour coded spring alligator clips
- Ideal for use with cars, caravans, boats etc.
- Iron clad chrome plated long life tips.
- Replacement tips available: RT1, RT1.5 & RT3
- Weight: 180 grams •30 watt
- Cord length: 4.5metres

\$24.95

SOLDERING IRON TIPS

FOR HT5, HT35 & HT34.
Iron clad chrome plated replacement soldering iron tips to suit HT5, HT35 & HT34.

- RT1** S.B.P.
Round tip -1.0mm diameter.
- RT1.5** S.B.P.
Chisel tip -1.5mm width.
- RT3** S.B.P.
Round tip -3.0mm width.

\$6.95

RECHARGEABLE SOLDERING IRON AND SOLDERING ACCESSORIES



HT37 S.B.P.

RECHARGEABLE SOLDERING IRON

- Cordless iron not only makes this unit fully portable but makes it ideal for situations where power is not readily available.
- Heat up time is less than 25 seconds when fully charged.
 - Built in lamp above tip illuminates solder point for accurate work especially in dark areas such as under car dashboards, ceiling cavities and other "on site" installations.
 - Solder tips and lamps are easily replaced.
 - Complete with AC adaptor and recharging stand.

\$39.95

REPLACEMENT PARTS FOR HT37

HT37T Solder tip	HT37G Globe	HT37B NiCad Battery
\$9.95	\$0.75	\$19.95



SIS1 S.B.P.

SOLDERING IRON STAND

Soldering iron stand with strong dual coil designed to hold most hand held medium sized soldering irons.

- Large metal base.
- Sponge pad for cleaning soldering iron tips.
- Suits HT4, HT5, HT34 & HT35.

\$13.95



SIS3 S.B.P.

SOLDERING IRON STAND WITH CAST IRON BASE

Soldering iron stand with strong dual coil and heavy cast iron base designed to hold most medium sized soldering irons.

- Sponge pad for cleaning soldering iron tips.
- Suits HT4, HT5, HT34 & HT35.

\$19.95

HT1 S.B.P. DESOLDERING PUMP Standard size desoldering pump with lightweight metal body and powerful suction. • Complete with teflon tip • Replacement tips available. • Length: 195mm \$16.95	HT3 S.B.P. DESOLDERING PUMP High quality desoldering pump with lightweight heavy duty plastic body and powerful suction action. • With replaceable ceramic tip • Length: 210mm \$32.95
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HT1T Teflon tip to suit "HT1"	HT3C Ceramic tip to suit "HT3"
\$2.15	\$4.95



CW2 S.B.P.
4 ROLLS / V.B.H. DESOLDERING BRAID

Copper desoldering braid ideal for the technician, serviceman or the hobbyist.

- Length: 1.5 metres.
- Width: 2.1mm.
- Transparent resealable roll.

\$8.95



RCS1 S.B.P.
SOLDER PENCIL

Resin cored solder in a handy plastic dispenser tube.

- Length: 5 metres.
- 1.2mm resin cored solder

\$2.45



HT19 BOX
PRINTED CIRCUIT BOARD HOLDER

Ideal for situations such as soldering, glueing etc where an extra pair of hands are required.

- Two spring loaded alligator clips for gripping board etc.
- Six fully adjustable balljoints allow alligator clips to be placed in any position.
- Sturdy cast iron base for stability

\$9.95



RESIN CORED SOLDER REEL

Resin cored solder designed for all types of electronic soldering.

- Each roll consists of 60% tin and 40% lead.
- Model "MS291" silver solder for high quality soldering is on page 23

RCS2 • Weight: 200g / roll • Diameter: 1.0mm \$7.95	RCS3 • Weight: 200g / roll • Diameter: 0.71mm \$8.95	RCS5 • Weight: 500g / roll • Diameter: 0.71mm \$17.95
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SCREWDRIVERS AND SCREWDRIVER SETS

**HT20** S.B.P.**TORX SCREWDRIVER**

Torx screwdriver with "T" shaped handle designed to suit "Macintosh" computers.

- Size: 1.5
- Length: 150mm

\$2.95**HT28** S.B.P.**STUBBY RATCHET SCREWDRIVER**

85mm long stubby screwdriver with six interchangeable tips, extension rod and ratchet screwing system.

- 60mm long extension rod.
- Medium carbon steel tips
- Phillips Sizes: No. 1 & 2
- Flat Sizes: 4.5 & 6.0 mm
- Posidrive Sizes: No. 1 & 2

\$10.95**HT6** S.B.P.**ALLEN KEY SET**

Set of eight Allen key sets.

- Held together with large metal keyring.
- All easily removable for individual use.
- Sizes: 1.2 / 2 / 2.5 / 3 / 4 / 5 / 5.5 & 6mm

\$4.95**HT7** S.B.P.**SCREWDRIVER SET**

Six piece precision jewellers screwdriver set in plastic pocket sized carry case.

- Swivel top handles allow easy one handed use.
- Flat Sizes: 1.4 / 2 / 2.4 & 2.9mm
- Phillips Sizes: 0 & 1

\$5.95**HT8** S.B.P.**PHILIPS SCREWDRIVER SET**

Four piece precision jewellers Philips screwdriver set in plastic pocket sized case.

- Metal swivel top handles allow easy one handed use.
- Medium carbon steel tips
- Phillips Sizes: 00, 0, 1 & 2

\$5.95**HT9** S.B.P.**FLAT SCREWDRIVER SET**

Six piece precision jewellers screwdriver set in plastic pocket sized carry case.

- Metal swivel top handles allow easy one handed use.
- Medium carbon steel tips
- Flat Sizes: 1 / 1.4 / 2 / 2.4 / 2.9 & 3.8mm

\$7.95**HT10** S.B.P.**FLAT SCREWDRIVER SET**

Six piece precision jewellers screwdriver set in handy vinyl wallet carry case.

- Metal swivel top handles allow easy one handed use.
- Medium carbon steel tips
- Flat Sizes: 1 / 1.2 / 1.5 / 1.6 / 1.8 & 2mm

\$5.95**HT11** S.B.P.**PRECISION TOOL SET**

Twenty piece precision tool and screwdriver set complete in hard plastic carry case. Each set contains:

- 1 x Awl:
- 2 x Locking Handle:
- 2 x Phillips Drivers: 0 & 1.2
- 3 x Flat Drivers: 1.5 / 2.5 / 3.5mm
- 4 x Hex Keys: 1.5 / 2 / 2.5 & 3.5mm
- 5 x Nut Drivers: 3 / 3.5 / 4 / 4.5 & 5mm
- 5 x Open Wrenches: 4 / 4.5 / 5 / 5.5 & 6mm

\$10.95**HT21** S.B.P.**MINI FLAT SCREWDRIVER SET**

Seven piece screwdriver set designed for jewellery and other jobs where miniature sized screws are used. Double ended blades are reversible when one end gets damaged.

- Comes in hard plastic storage case.
- Metal swivel top handles allow easy one handed use.
- Medium carbon steel tips.
- Flat Sizes: 0.53, 0.71, 0.82, 1.04, 1.23, 1.40 & 1.62mm

\$17.95

SCREWDRIVER SETS AND TESTING TOOLS



HT17 S.B.P.

PRECISION 16 PIECE SCREWDRIVER SET

Complete set of flat/Phillips jewellers screwdrivers plus nut and hex keys. Comes in hard plastic storage case for portability.

- 3 x Hex Keys: 1.5 / 2 & 2.5mm
- 3 x Nut Drivers: 3 / 4 & 5mm
- 4 x Phillips Drivers: 0 / 0.2 / 1.1 & 1.2
- 6 x Flat Drivers: 1 / 1.4 / 2 / 2.4 / 3 & 3.8mm

\$19.95



HT18 S.B.P.

PRECISION 15 PIECE SCREWDRIVER AND TOOL SET

Complete set of flat / Phillips jewellers screwdrivers and tools. Comes in hard plastic storage case for portability.

- 4 x Phillips Drivers: 0 / 0.2 / 1.1 & 1.2
- 4 x Flat Drivers: 1.4 / 2 / 2.4 & 3mm
- 1 x Awl
- 1 x Mini Hammer
- 1 x Pearl Catcher
- 1 x Magnifying Glass
- 1 x Magnet
- 1 x Multiblade Knife
- 1 x Serrated Tweezers

\$26.95



HT33 S.B.P.

PRECISION 3 PIECE SCREWDRIVER SET

Set of high quality Nickel Chrome Molybdenum Steel screwdrivers. Contains two flat and one Phillips head driver. Extra long shafts and handles allow use in difficult situations.

- Flat Driver #1: Tip: 2.4mm Length:165mm
- Flat Driver #2: Tip: 3.0mm Length:190mm
- Phillips Driver: Tip: No. 0 Length:165mm

\$12.95



HT36 S.B.P.

PRECISION 6 PIECE SCREWDRIVER SET

Set of high quality Nickel Chrome Molybdenum Steel screwdrivers. Contains three flat and three Phillips head drivers. Extra long shafts and handles allow use in difficult situations.

- Flat Driver #1: Tip: 2.4mm Length:165mm
- Flat Driver #2: Tip: 3.0mm Length: 190mm
- Flat Driver #3: Tip: 3.8mm Length: 240mm
- Phillips Driver #1: Tip: No. 0 Length:165mm
- Phillips Driver #2: Tip: No. 1 Length:190mm
- Phillips Driver #3: Tip: No. 1 Length:240mm

\$22.95



ELECTRIC TEST SCREWDRIVERS S.B.P.

Screwdriver voltage checkers with indicating lamp

- Insulated shaft
- Handy pocket clip for carrying.

- ES1** •Length: 140mm
- ES2** •Length: 190mm

\$2.45

\$2.95



ET240 S.B.P.

AC/DC VOLTAGE DETECTOR

Detects AC or DC voltage. Ideal for locating mains wiring behind walls determining live wires or live power points, fuses etc.

- Alerts with both audible buzzer and visual LED indicator.
- Handy pocket clip for carrying.

- Range: 50 to 500 volts •Weight: 28 grams
- Batteries: 2 x 1.5 volt button cells (LR44/SR44) supplied
- Size: 135mm (length) x 155mm (wide)

\$14.95

HAND CUTTERS AND PLIERS



HT13
MINIATURE END CUTTERS

Drop forged carbon steel.
•Insulated handles with spring return.
•Length: 102mm (4").

\$5.95

S.B.P.



HT14
DIAGONAL CUTTERS

Drop forged carbon steel.
•Insulated handles with spring return.
•Length: 115mm (4.5").

\$9.95

S.B.P.



HT12
MINIATURE DIAGONAL CUTTERS

Drop forged carbon steel.
•Insulated handles with spring return.
•Length: 102mm (4").

\$10.95

S.B.P.

NEW



HT30
PALM GRIP CUTTERS

Drop forged carbon.
•Insulated handles with spring return.
•Length: 115mm (4.5").

\$9.95

S.B.P.



HT15
MINIATURE LONG NOSE CUTTERS

Drop forged carbon steel with serrated jaws.
•Insulated handles with spring return.
•Length: 115mm (4.5").

\$9.95

S.B.P.

NEW



HT31
PALM GRIP FLAT NOSE PLIERS

Drop forged carbon steel with serrated jaws.
•Insulated handles with spring return.
•Length: 90mm (3.5").

\$9.95

S.B.P.

NEW



HT32
PALM GRIP CURVED LONG NOSE PLIERS

Drop forged carbon steel with curved tip.
•Insulated handles with spring return.
•Length: 115mm (4.5").

\$9.95

S.B.P.



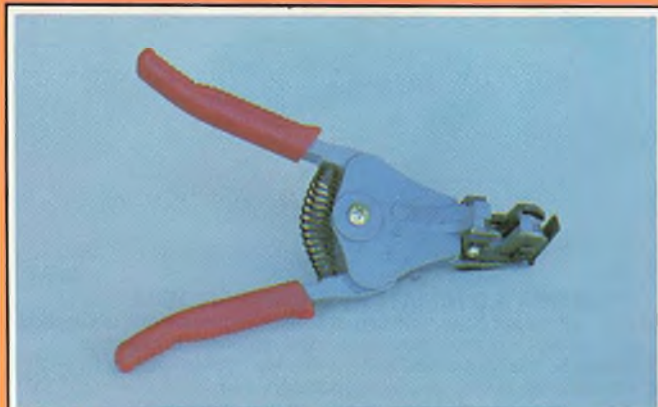
HT16
NIPPY CUTTERS

Drop forged carbon steel.
•Insulated handles with spring return.
•Length: 127mm (5").

\$5.95

S.B.P.

CABLE CUTTERS & STRIPPERS / TERMINAL CRIMPERS



CS100 D.B.
AUTOMATIC CABLE STRIPPERS
 Automatically grips, strips and ejects cable all in one movement.
 • Insulated handles with spring return
 • Suits Cable Diameter: 1 / 1.6 / 2 / 2.6 & 3.2mm
 • Length: 180mm (7")
\$29.95



CS200 D.B.
CABLE STRIPPERS / CUTTERS
 Easy to operate cutter/stripper for insulated cable.
 • New stronger and better designed mechanism.
 • Suits Cable Diameter: 0.5 to 3.5mm
 • Lengths Of Strips: Up to 25mm long
\$13.95



CS300 S.B.P.
MULTI PURPOSE CUTTER/STRIPPER/CRIMPING TOOL
 Combined multipurpose tool for crimping insulated terminals.
 • Round crimping teeth prevent damage to insulation on terminals.
 • Colour coded crimping teeth.
 • Also designed to crimp car battery terminals.
 • Complete with cutting blades, insulated handles with spring return
 • Strips Cable With Diameter: 0.75 to 6.0mm
\$7.95



CS500 S.B.P.
COAXIAL CABLE STRIPPING TOOL
 Coaxial stripper with blades preset to remove both the outer PVC and the inner core foam in one action on RG58 & RG59U cable.
 • Prepares cable for crimp or solder type connectors.
 • Insulated handles with spring return
 • Strips Cable With Diameter: 4.8 and 6.05mm
\$8.95



NEW S.B.P.
CS600
COAXIAL CABLE CONNECTOR CRIMPING TOOL
 This handy crimper has five different sized crimping jaws to suit most BNC, F, Mini M, M, N and TNC coaxial connectors as well as many other crimp connectors. The pressure applied by the jaws to the crimp collar on the connector can be preset to prevent damage to the connector or the cable (any one of six pressure settings can be selected).
 • Insulated handles with spring return.
 • Push to release button.
 • Jaw sizes: 1.72, 2.5mm for inner conductor crimp pins
 • Jaw sizes: 5.4, 6.48 and 8.2mm for shielding crimp collars.
 • Length: 226mm
\$69.95



MG2 D.B.
FOLDING MAGNIFYING GLASS
 Free standing magnifying glass.
 • Allows hands free operation
 • Large 115mm (4.5") lens
 • Folds completely flat for storage.
\$13.95

ELECTRIC DRILL

**MD12**

S.B.P.

DC OPERATED MINIATURE DRILL

Ideal for both the hobbyist and the technician. This drill can be used for a variety of jobs from drilling PCB's to reshaping model kits.

- Supplied with drill bit, grinder bit, engraver bit and chuck tool.
- Interchangeable collet for 0.8 to 1.2mm drill bits.
- On/Off switch built into the handle.

SPECIFICATIONS:

Input Voltage:	9-18 volts DC
Nominal Voltage:	12 volts DC
Optional Power:	PP1000 or PP1000MV (Arista Power Packs)
Nominal Current:	1000mA (1 Amp)
No Load Speed:	6000 RPM
Chuck Size:	1 to 2.3mm bits

\$24.95

ELECTRIC ENGRAVER KIT

**ME12**

S.B.P.

DC OPERATED MINIATURE ENGRAVER/DRILL

This high speed hand held engraver is DC operated and is supplied with several tips for engraving on most materials. Engravings cannot be easily removed and provide identifiable security for Hi Fi components, videos, electrical accessories etc.

- Supplied with 1mm drill bit, grinder bit and engraver bit.
- Three interchangeable collets supplied 1, 2 and 2.3mm.
- On/Off switch built into the handle.

SPECIFICATIONS:

Input Voltage:	5-14 volts DC
Nominal Voltage:	12 volts DC
Optional Power:	PP1000 or PP1000MV (Arista Power Packs)
Nominal Current:	1000mA (1 Amp)
No Load Speed:	8000-18,000 RPM
Chuck Size:	1, 2 or 2.3mm

\$29.95

AEROSOL SPRAYS



NS221 300 GRAMS SAFETY CLEANER Powerful cleaner rapidly dissolves oxides, calamines, silicones, sulphides, minerals, synthetic jellies and organic/metallic deposits. Helps restore contact failures on switches, relays etc. Non-toxic, non-flammable and non-conductive. \$9.95	NL222 300 GRAMS LUBRICANT CLEANER A combination of the Safety Cleaner and Contact Lubricant. Ideal for cleaning and lubricating contacts and switches. Protects new materials from rust & corrosion. Non-flammable, non-toxic and non-conductive. \$9.95	LC223 300 GRAMS CONTACT LUBRICANT Superb contact lubricant for use against wear and corrosion. Does not thicken, deviate frequencies or arc when switching. Ideal for switches, pots and relays. Waterproof, anti-static, non-flammable, non-conductive and non-toxic. \$9.95
HR225 300 GRAMS HYPER REFRIGERANT This cryogenic fluid allows freezing to minus sixty degrees celcius for rapid fault finding in components and PCB's. Also prevents damage by heat if applied during soldering. This liquid is non-toxic, non-flammable and non-conductive. \$9.95	SO228 300 GRAMS DUST REMOVER Non-flammable gas which allows removal of dust from electronic, electrical and optical devices. Does not leave a residue and is also non-toxic and non-conductive. \$9.95	GR229 300 GRAMS GRAPHITE 2000 A colloidal graphite suspended in a binding plastic, providing a conductive coating ideal for "MOS" IC's, renovation of cathode tubes and the elimination of static. This is also non-toxic and non-flammable. \$9.95

HANDTOOLS



MV1 MINIATURE PLASTIC VICE **S.B.P.**

Ideal for small delicate precision desk work where an extra pair of hands are needed.

- Strong suction base adheres to any non porous surface.
- Lever secures or releases suction
- Plastic jaws with rubber pads
- Jaws open out to 10mm
- Size: Approx 85 x 65 x 60mm

\$8.95



MV3 PLASTIC VICE WITH SUCTION BASE **BOX**

Medium sized vice ideal for holding parts and components during soldering or glueing.

- Strong suction base adheres to any non porous surface.
- Lever secures or releases suction
- Plastic jaws with rubber pads
- Jaws open out to 50mm
- Size: Approx 110 x 90 x 80mm

\$6.95



SG2 SUPER GLUE INSTANT ADHESIVE **S.B.P.**

Monomer based Cyanoacrylate quick drying "Super" glue in a resealable plastic tube.

- Instantly bonds to most oil free surfaces.
- Contents: 2 grams.

\$1.95

Tools and
Technical
Aids



DIT2 INSULATION TAPE AND DISPENSER **S.B.P.**

7mm wide PVC electrical tape.

- Complete with handy self cutting dispenser.
- Length: 12 metres (40 feet)
- Colour: Black

\$4.95



HT22 HOBBY KNIFE WITH SPARE BLADES **S.B.P.**

Hobby knife with interchangeable blades.

- Handy pen type body and pocket clip.
- Complete with 5 different sized blades.
- Plastic lid for safety and blade protection.

\$7.95



HT23 HOBBY KNIFE SET **BOX**

Set of three precision knives with 6 blades, supplied in heavy duty plastic storage case with magnetic bar for blade storage.

- Surgically sharp blades in various shapes
- Aluminium handles with safety locking collar.

\$18.95



HT24 TWEEZER SET **BOX**

Set of four stainless steel tweezers each approx 115mm (4.5") long.

- 1 x Self Closing with Pointed Tip
- 1 x Long Curved with Pointed Tip
- 1 x Long Fine with Pointed Tip
- 1 x Flat Spatular Type

\$13.95

SCRIBING TOOL

Aluminium scribing tool with tungsten tip and carrying clip for pocket.

\$2.95



HT26 PICK UP TOOL **B.P.**

Spring loaded syringe action for picking up small components.

- Three fingers extend to 15mm diameter
- Chrome metal body with pocket carry clip.

\$3.95



HT27 COMPONENT RETRIEVAL KIT **B.P.**

This kit comes complete with two different sized fully insulated tweezers and a long flexible finger with a magnet on the end. Allows small components and objects to be picked up or manipulated in small, narrow hard-to-get-at places.

\$11.95

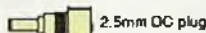
PLUG PACKS



PP156 6 VOLT DC-150MA
PP139 9 VOLT DC-130MA
PP112 12 VOLT DC-100MA
100/130/140MA PLUG PACKS

C.S.B.

240 volt AC input to 6, 9 or 12 volt DC output
 •1.8 metre cord with interchangeable plug system.
 •Supplied with 2.5mm DC plug.



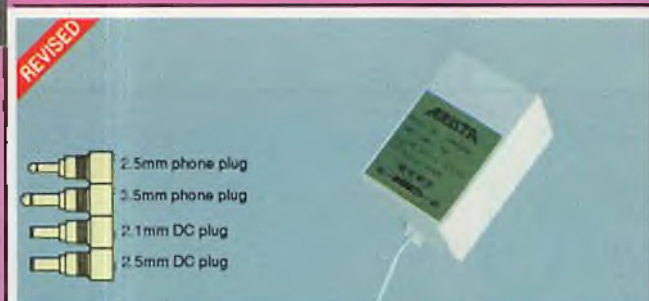
\$13.95



PP300 6/9/12 VOLT DC \$19.95
PP300MV 3/4.5/6/7.5/9/12 VDC \$23.95
300MA PLUG PACKS

C.S.B.

240 volt AC input to switchable DC output.
 •1.8 metre cord with interchangeable plugs.
 •Polarity reversible plugs and sockets.
 •PP300 supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs.
 •PP300MV supplied with 1/1.3/2.1/2.5mm DC and 2.5/3.5mm phone plugs.



PP500MV 3/4.5/6/7.5/9/12 VDC
500MA PLUG PACK

C.S.B.

240 volt AC input to 3/4.5/6/7.5/9/12V DC.
 •1.8 metre cord
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs.

\$25.95



PP1000MV 6/7.5/9/12 VOLT DC
1000MA (1 AMP) PLUG PACK

S.B.P.

240 volt AC input to 6/7.5/9/12 volt DC output
 •1.6 metre cord with interchangeable plug system.
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs.

\$39.95

REGULATED PLUG PACKS



RPP250 1.5/3/4.5 VOLT DC
250MA PLUG PACK FOR WALKMANS

C.S.B.

240 volt AC input to regulated 1.5/3/4.5 volt DC output.
 •Specially designed for Walkmans and portable audio.
 •Integrated circuitry prevents audio system hum.
 •1.8 metre cord with interchangeable plug system.
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC plugs.

\$29.95



RPP500 6/9/12 VOLT DC
500MA PLUG PACK FOR WALKMANS

C.S.B.

240 volt AC input to regulated 6/9/12 volt DC output.
 •Specially designed for Walkmans and portable audio.
 •Integrated circuitry prevents audio system hum.
 •1.8 metre cord with interchangeable plug system.
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs.

\$39.95

APPROVALS

Arista plug packs and power supplies are all approved by the NSW Department of Minerals and Energy. Each meets the minimum safety requirements and comply with regulations as set out in "AS3108" specifications.

PLEASE NOTE: Output voltages shown are obtained only when the specified amount of current is drawn from the units unless the output is regulated. If less current is drawn, output voltages will be higher than stated which can damage the appliance connected to the plug pack. Therefore it is important to ensure the correct plug pack is chosen.

PLUG AND POWER PACKS



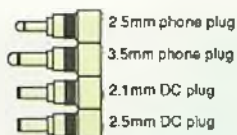
PP913B 13.8 VOLT DC 800MA PLUG PACK S.B.P.

240 volt AC input to 13.8 volt DC output.
 •Designed specifically for alarm panels.
 •1.8 metre cord with bared ends.
 •This unit hard wires into alarm panels therefore no plugs are supplied.

\$34.95

PP1000 6/7.5/9/12 VOLT DC 1000MA (1 AMP) POWER PACK S.B.P.

240 volt AC input to 6/7.5/9/12 volt DC output.
 •Ideal for the workshop or test bench.
 •1.6 metre cord with interchangeable plug system.
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs



\$49.95



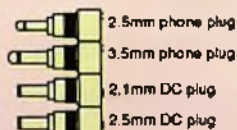
PP2138 13.8 VOLT DC 2000MA (2 AMP) POWER PACK S.B.P.

240 volt AC input to 13.8 volt DC output.
 •Ideal for CB's, car radios, larger alarm panels etc.
 •Outputs: Screw terminals or 4mm banana sockets.

\$59.95



REGULATED POWER PACKS



RPP1000 6/7.5/9/12 VOLT DC 1000MA (1 AMP) POWER PACK S.B.P.

240 volt AC input to regulated 6/7.5/9/12 volt DC output.
 •Can be used for many high output audio applications.
 •1.6 metre cord with interchangeable plug system.
 •Polarity reversible plugs and sockets.
 •Supplied with 2.1/2.5mm DC and 2.5/3.5mm phone plugs.

\$59.95



RPP2000 12 VOLT DC 2000MA (2 AMP) POWER PACK S.B.P.

240 volt AC input to regulated 12 volt DC output.
 •Ideal for high current drain applications where large amounts of power are required.
 •Outputs: Screw terminals or 4mm banana sockets.

\$79.95

PLUGS FOR "ARISTA" POWER PACKS

These plugs have been specially designed for use with the "Arista" range of plug packs. They are unique in that they not only allow the plug packs to be terminated to any size or type of plug but also are polarity reversible. With this system, and with the continual addition of new plugs most electrical accessories currently available can be catered for.

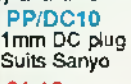
PP/P25
2.5mm phone plug

\$1.15



PP/DC10
1mm DC plug
Suits Sanyo

\$1.15



PP/DC13
1.3mm DC plug
Suits Aiwa/Sony

\$1.15



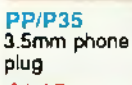
PP/DC21
2.1mm DC plug

\$1.15



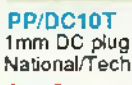
PP/P35
3.5mm phone plug

\$1.15



PP/DC10T
1mm DC plug
National/Technics

\$1.15



PP/DC16
1.6mm DC plug
Suits Casio

\$1.15



PP/DC25
2.5mm DC plug

\$1.15



REGULATED POWER SUPPLIES



HIGH CURRENT REGULATED POWER SUPPLIES

RPS4138

D.B.

4 AMP - 13.8 VOLT DC OUTPUT

- 240 volt AC input to 13.8 volt DC output.
- Fully overload and short circuit protected.
- Ripple less than 10mV peak to peak.
- Large heatsink and vent system for cooling.
- Screw terminals or 4mm banana sockets.
- Illuminated on/off switch.
- Fuse protected.
- Approved by the Dept. of Minerals & Energy.

\$149.95**RPS7138**

D.B.

7 AMP - 13.8 VOLT DC OUTPUT

- 240 volt AC input to 13.8 volt DC output.
- Fully overload and short circuit protected.
- Ripple less than 10mV peak to peak.
- Large heatsink and vent system for cooling.
- Screw terminals or 4mm banana sockets.
- Illuminated on/off switch.
- Fuse protected.
- Approved by the Dept. of Minerals & Energy.

\$199.95**RPS10138**

D.B.

10 AMP - 13.8 VOLT DC OUTPUT

- 240 volt AC input to 13.8 volt DC output.
- Fully overload and short circuit protected.
- Ripple less than 10mV peak to peak.
- Large heatsink and vent system for cooling.
- Screw terminals or 4mm banana sockets.
- Illuminated on/off switch.
- Fuse protected.
- Approved by the Dept. of Minerals & Energy.

\$249.95

PLUG PACKS - AC OUTPUT

**PP312AC 12 VOLT AC 300MA PLUG PACK**

D.B.

- 240 volt AC input to 12 volt AC output.
- 1.8 metre cord with 3.5mm moulded phone plug

\$12.95**PP1018AC 18 VOLT AC 1000MA (1 AMP) PLUG PACK**

D.B.

- 240 volt AC input to 18 volt AC output.
- Designed specifically for alarm panels
- 3 metre cord to bare ends.
- This unit hard wires into alarm panels therefore no plugs are supplied.

\$24.95

MAINS TRANSFORMERS

A2155



A2156



A6672



A2840



A2851



240 VOLT AC MAINS TRANSFORMERS-150mA / 1 AMP / 2 AMP

D.B.

This series of main transformers are all DME approved (Approval No. CS3762N) and all units have mounting brackets.

	A2840	A2851	A2155	A6672	A2156
Primary Voltage:	240VAC - 50Hz	240VAC - 50Hz	240VAC - 50Hz	240VAC - 50Hz	240VAC - 50Hz
Secondary Voltage:	4.5/0/4.5V (9V-CT)	6.3/0/6.3V (12.6V-CT)	6.7/7.5/8.5/9.5/12/15V	15/17.5/20/24/27.5/30V	6/9/12/15V
Secondary Current:	150mA	150mA	1000mA (1 Amp)	1000mA (1 Amp)	2000mA (2 Amp)
Termination:	175mm wire leads	175mm wire leads	175mm wire leads	Solder Lugs	Solder Lugs
	\$7.95	\$7.95	\$13.95	\$23.95	\$23.95

POWER LEADS

PL1

S.B.P.

2 metre 240 volt AC power lead - Black.

*Input: 2 pin 240V AC plug

*Output: Figure eight socket

**\$7.95**

PL6

S.B.P.

2 metre 240 volt AC power lead - Grey.

*Input: 3 pin 240V AC plug

*Output: 3 pin universal I.E.C.

6 amp socket

**\$13.95**

PL2

S.B.P.

2 metre 240 volt AC power lead - Black.

*Input: 2 pin 240V AC plug

*Output: Grooved rectangular socket

**\$7.95**

PL7

S.B.P.

2 metre 240 volt AC power lead - Grey.

*Input: 3 pin 240V AC plug

*Output: 3 pin universal I.E.C.

6 amp right angled socket

**\$16.95**

PL3

S.B.P.

2 metre 240 volt AC power lead - Black.

*Input: 2 pin 240V AC plug

*Output: Grooved oval socket

**\$7.95**

PL4

S.B.P.

2 metre 240V AC power lead - Black.

*Input: 2 pin 240V AC plug

*Output: Oval socket

**\$7.95**

PL8

S.B.P.

2 metre 240V AC power lead - Black.

*Input: 3 pin universal I.E.C.

6 amp plug

*Output: 3 pin universal I.E.C.

6 amp socket

**\$13.95**

DC/DC CONVERTORS

PL12

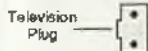
S.B.P.

2 metre DC power lead AWG20 black.

*Input: Car cigarette lighter plug.

*Output: 2 pin television 3 amp plug.

\$3.95



PL13

S.B.P.

2 metre DC power lead with inline fuse - Black.

*Input: Car cigarette lighter plug

*Output: 2.1/2.5/3.1mm DC or 2.5/3.5mm phone plugs.

\$12.95



CAP12

S.B.P.

1.6 metre DC power lead - Black.

*Input: Car cigarette lighter plug with fuse

*Output: 2.1/2.5mm DC or 2.5/3.5mm phone plugs.

\$7.95



CAP800

800MA DC/DC CONVERTOR

S.B.P.

13.8 volt DC input to 3/4.5/6/7.5/9/12 volt DC output.

*1.6 metre cord with interchangeable plug system and fused output.

*Polarity reversible plugs and sockets.

*Input: Car cigarette lighter plug.

*Output: 2.1/2.5mm DC or 2.5/3.5mm phone plugs.

\$19.95

CAP800R

800MA REGULATED DC/DC CONVERTOR

S.B.P.

13.8 volt DC input to 3/4.5/6/7.5/9/12 volt regulated DC output.

*1.6 metre cord with interchangeable plug system and fused output.

*Polarity reversible plugs and sockets.

*Input: Car cigarette lighter plug.

*Output: 1/1.3/2.1/2.5mm DC or 2.5/3.5mm phone plugs.

\$24.95

CAP1200

1200MA (1.2 AMP) DC/DC CONVERTOR

S.B.P.

13.8 volt DC input to 3/4.5/6/7.5/9/12 volt DC output.

Maximum current: @7.5V-900mA / @9V-1200mA / @12V-1200mA

*Fail-safe system protects against short circuits.

*1.6 metre cord with interchangeable plug system and fused output.

*Polarity reversible plugs and sockets.

*Input: Car cigarette lighter plug - fuse protected.

*Output: 2.1/2.5mm DC or 2.5/3.5mm phone plugs.

\$32.95

DC/DC STEPDOWN CONVERTORS

BOX

24 volt DC to 13.8 volt DC step down convertors for cars and trucks with 24 volt electrical systems. Allows 12 volt CB radios, stereo systems and spotlights to be used. Output via either a cigarette lighter socket or 4mm banana socket/screw terminals. With brackets for underdash mounting.

SDC5

5 AMP OUTPUT

Input Voltage: 24 volts DC

Output Voltage: 13.8 volts DC

Output Current: 5 amp continuous.

\$129.95

SDC10

10 AMP OUTPUT

Input Voltage: 24 volts DC

Output Voltage: 13.8 volts DC

Output Current: 10 amp continuous.

\$159.95

SDC15

15 AMP OUTPUT

Input Voltage: 24 volts DC

Output Voltage: 13.8 volts DC

Output Current: 15 amp continuous.

\$189.95

RECHARGEABLE TORCH

KRT1

S.B.P.

RECHARGEABLE KEY RING TORCH

NEW

Miniature handheld torch designed specifically for the car. It comes with a 'quick-click' removable keyring which allows you to remove your car keys while recharging. The torch utilizes a nickel cadmium battery which can be recharged several hundred times. This can be done at any time, even while driving as the torch body itself is shaped to fit directly into your cigarette lighter socket. Ideal for use with cars, trucks, boats and other 12 volt negative earth vehicles. The unit is made of a sturdy black plastic, comes complete with a keyring and is push button operated.

\$11.95



LIGHTS / SPEAKERS / RELAYS / SWITCHES

**CA29**
FLUORESCENT LIGHT

D.B.

Versatile 12 volt DC operated fluorescent light, ideal for cars, trucks, boats, caravans or camping.

- 8 watt.
- Single or double fluoro tube selection.
- Magnetic disc bracket for mounting on metallic surfaces.
- Foldaway hanger for hook mounting.
- 4.5 metre lead with cigarette lighter plug input.

\$29.95**CA30**
FLUORESCENT WORK OR EMERGENCY LIGHT

D.B.

Handy 12 volt DC operated fluorescent light designed for hooking on to your car bonnet or boot etc for handsfree light.

- 8 watt single fluorescent tube.
- Large mounting hook.
- Protected with tough transparent plastic tube.
- Cigarette lighter plug or large alligator clip input.

\$24.95**CB5**
COMMUNICATIONS SPEAKER

D.B.

Miniature sized extension speaker ideal for cellular telephone systems, CB and other communication equipment. Enclosed in a modern plastic cabinet with metallic mesh grille, the unit comes with a unique fully adjustable metal bracket that allows the speaker to be either permanently screwed or temporarily mounted with an easily removable magnetic base.

SPECIFICATIONS:

- Speaker: 57mm mylar cone
- Impedance: 8 ohms
- Power: 3 watt RMS
- Magnet: 1 ounce
- Cord: 1.8 metres
- Plug: 3.5mm
- Size: 74x76x37mm
- Weight: 200 grams

\$29.95**CB10**
COMMUNICATIONS SPEAKER

D.B.

4" fullrange speaker designed for CB radio, communication equipment and other audio applications. The speaker is enclosed in a heavy duty plastic cabinet for protection, making it ideal for use in cars, trucks, vans the garage or workshop.

- Complete with adjustable metal mounting bracket.

SPECIFICATIONS:

- Speaker: 10cm (4")
- Impedance: 8 ohms
- Power: 5 watts
- Magnet: 2 ounce
- Cord: 3 metres
- Plug: 3.5mm
- Size: 105x75x110mm

\$23.95**CA34** **S.B.P.**
INTERIOR LIGHT DELAY SWITCH

Delays the interior light of your car from switching off for 15 seconds after the door is closed.

- Inserts anywhere between the light globe and the door switch.
- Voltage: 12VDC / Current 2mA.

\$8.95**CA36** **S.B.P.**
TOUCH SWITCH WITH RELAY

Switches spotlights and accessories with a simple touch of the pad.

- On/Off indicating LED.
- Single pole/single throw.
- Rating 10 to 15VDC - 30 Amp.
- 1/2" hole mount.

\$22.95**AR30** **S.B.P.**
AUTOMOTIVE RELAY

For switching 12 volt DC accessories.

- Single pole/single throw.
- On/Off.
- Mounting bracket.
- Rating 12VDC - 20/30 Amp.

\$7.95**ST233** **S.B.P.**
AUTOMOTIVE TOGGLE SWITCH

For switching 12 volt DC accessories.

- Single pole/single throw.
- On/Off.
- Rating 12VDC - 5 Amp.

\$2.95**ST239** **S.B.P.**
AUTOMOTIVE TOGGLE SWITCH

For switching 12 volt DC accessories.

- Single pole/single throw.
- On/Off/On.
- Rating 12VDC - 16 Amp.

\$1.95**ST237** **S.B.P.**
AUTOMOTIVE TOGGLE SWITCH

For switching 12 volt DC accessories.

- Single pole/single throw.
- On/Off.
- Rating 12VDC - 20 Amp.

\$1.95**ST235** **S.B.P.**
AUTOMOTIVE ROCKER SWITCH

For switching 12 volt DC accessories.

- Illuminated handle.
- Single pole/single throw.
- On/Off.
- Rating 12VDC - 10 Amp.

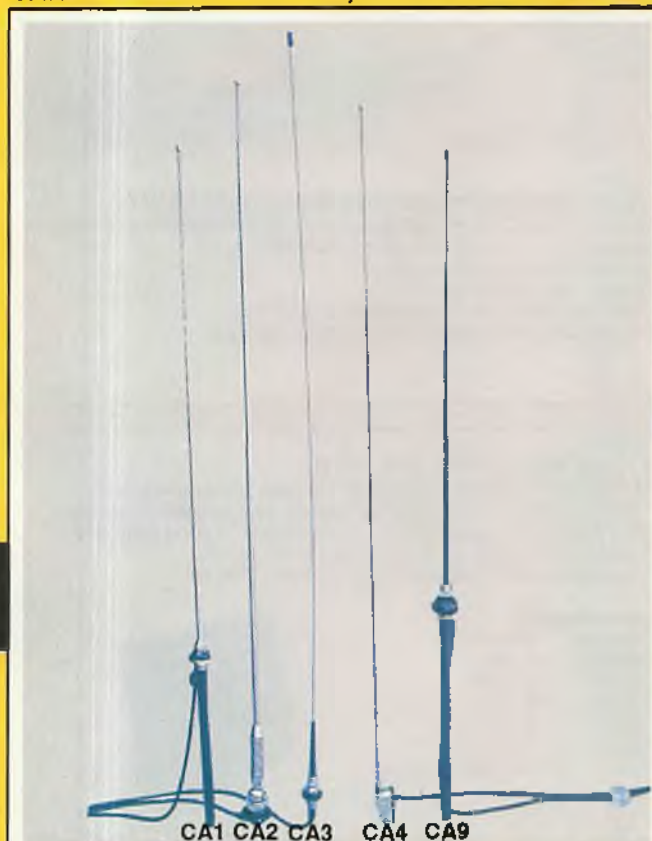
\$3.95**ST241** **S.B.P.**
AUTOMOTIVE ROCKER SWITCH

For switching 12 volt DC accessories.

- Illuminated handle.
- Single pole/single throw.
- On/Off.
- Rating 12VDC - 16 Amp.

\$2.95

CAR ANTENNAS - MANUAL, SEMI & FULLY AUTOMATIC

**CA1 P.B.H.**

Key lockdown antenna.
•Four sections.
•860mm long extended.
•1.2 metre lead with plug.

\$8.95**CA2 P.B.H.**

Antenna with spring base.
•Three sections.
•1.4 metre long extended.
•1.2 metre lead with plug.

\$18.95**CA3 P.B.H.**

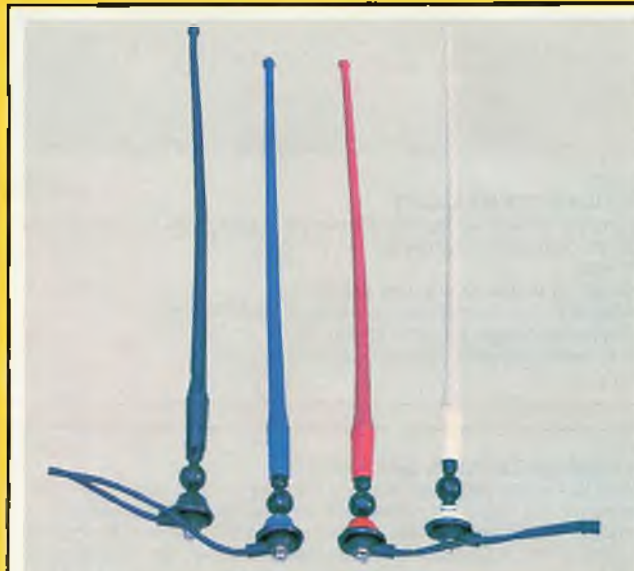
Top cowl antenna.
•Single section.
•1 metre long extended.
•1 metre lead with plug.

\$9.95**CA4 P.B.H.**

Three section pillar mount.
•Suits Mazda/Nissan/Toyota.
•1.2m long extended.
•1.2 metre lead with plug.

\$8.95**CA9 P.B.H.**

Antenna with key lockdown.
•Five sections.
•1.2 metres long extended.
•1.2 metre lead with plug.

\$13.95

CA6.B ●
CA6.BU ●
CA6.R ●
CA6.W ○

S.B.P.**RUBBER DUCKIE FLEXIBLE ANTENNA**

Rubberised single section car, truck or boat antenna. Extremely flexible which prevents damage from low trees or high winds during driving.

- Conductive rubberized body.
- Mounts on bonnet or boot.
- 400mm long.
- 1.2 metre lead with plug.

\$12.95**CA11 UHF/VHF TV CAR ANTENNA****S.B.P.**

Window mounting TV antenna for cars, trucks, caravans etc.

- Solid aluminium rod and stainless steel dipoles.
- Antenna span: 107mm (32")
- Mounts on windows for easy removal.
- Cable adaptor gives dual output: 3.5mm plug or 300 ohm lugs.

\$34.95**ACA1 D.B. SEMI AUTOMATIC CAR ANTENNA**

12 volt DC operated motorised car antenna.

- Push button operation.
- Five sections.
- Stainless steel rod
- 1 metre long extended.
- 1.2 metre lead with plug.
- Made in Japan.

\$59.95**ACA2 D.B. FULLY AUTOMATIC CAR ANTENNA**

12 volt DC operated motorised car antenna.

- Automatically extends/retracts when the radio is switched on/off.
- Five sections.
- Stainless steel rod.
- 1 metre long extended.
- 1.2 metre lead with plug.
- Made in Japan.

\$84.95

CAR HARNESSES / LEADS / SUPPRESSORS / BRACKETS

**CAB1****CAR ANTENNA BOOSTER**

12 volt DC AM/FM/SW/LW antenna booster.

•Easy inline installation. Simply fits between

radio and the antenna lead.

•Current draw is less than 10mA.

\$8.95

S.B.P.

**CAE6****CAE24****CAE48****CAE144****CAR ANTENNA EXTENSION LEAD**

Plug to socket antenna extension lead.

CAE6 Length: 15cm (6") **\$3.95**CAE24 Length: 62cm (24") **\$4.95**CAE48 Length: 123cm (48") **\$5.95**CAE144 Length: 370cm (144") **\$7.95**

S.B.P.

**UMB2****UNIVERSAL CAR MOUNTING BRACKET KIT**

Contains three pairs of different sized mounting brackets for car stereos CB's and other communication equipment in the car or truck etc.

•Includes support / earthing strip.

•Hardware supplied: nuts, bolts, screws, lockwashers.

\$8.95

S.B.P.

**UMB4****UNIVERSAL GYMBAL MOUNTING BRACKET**

Fully adjustable bracket ideally suited for console mounting modular telephones. It has 180 degree pivots each end and a full 360 degree rotating centre. All pivot points are hex key locking and each end has a heavy duty predrilled steel base plate for mounting. Its maximum extended length is 150mm and comes with heavy duty removable base plates for easy mounting.

•Finished in a semi gloss black paint.

•Complete with mounting screws and hex keys.

\$54.95

S.B.P.



P.B.H.

Designed to suppress or remove car engine noise from your car stereo or communication equipment.

CNS1 **\$2.95**

•Value: 0.22uF.

•Universal mounting bracket

CNS2 **\$2.95**

•Value: 0.47uF.

•Clamp type mounting bracket.

S.B.P.

**CNS10****10 AMP CAR NOISE SUPPRESSOR**

Heavy duty automotive electrical noise filter.

•Reduces alternator whine and impulse noise.

•For use with car stereos, equalisers, amplifiers

CB radios and other communication equipment.

•Simple inline installation into the 12 volt power lead.

•Will handle up to 40 amps.

\$19.95**UCH2**

2 pin harness

\$3.25**UCH4**

4 pin harness

\$3.25**UCH6**

6 pin harness

\$3.95**UCH9**

9 pin harness

\$4.45**UNIVERSAL CAR HARNESSES**

Multi pin quick disconnect cable assemblies.

•Fitted with polarised male and female connectors.

•280mm colour coded cable.

S.B.P.

**SMB69****6"X 9" SPEAKER MOUNTING BASE**

Designed to elevate most 6" x 9" car stereo speakers 4cm from the surface. Allows you to parcel shelf mount speakers with large magnets into shallow areas.

•Suits Arista ASC6940 high power car speakers.

•Colour: Black.

\$6.95

2 PCS / BOX.

CAR REPLACEMENT SPEAKERS



CAR REPLACEMENT SPEAKERS - 3 OUNCE MAGNET BOX

Designed for direct replacement of most standard car speakers. Each has a paper cone and has predrilled mounting holes correctly positioned for easy installation.

CRS4 BOX
4" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 5 watts/8 watts max
Magnet: 3 ounce

\$9.95**CRS406 BOX**
4"x 6" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 3 watts/5 watts max
Magnet: 3 ounce

\$12.95**CRS5 BOX**
5" CAR SPEAKER

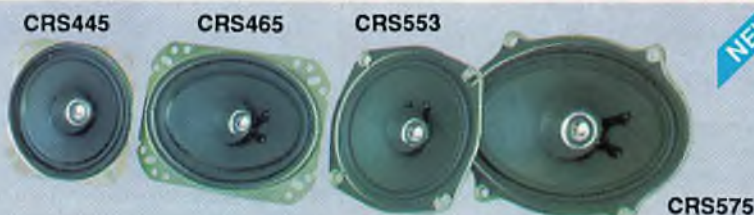
SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 5 watts/8 watts max
Magnet: 3 ounce

\$10.95**CRS507 BOX**
5"x 7" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 3 watts/5 watts max
Magnet: 3 ounce

\$12.95

CAR REPLACEMENT SPEAKERS - 5.3 OUNCE MAGNET

Replacement car speakers with paper cones, whizzer cones and silver dust caps. Mounting holes are predrilled and are correctly positioned for easy installation.

CRS445 BOX
4" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 10 watts/15 watts max
Magnet: 5.3 ounce

\$13.95**CRS465 BOX**
4"x 6" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 10 watt/15 watt max
Magnet: 5.3 ounce

\$16.95**CRS553 BOX**
5" CAR SPEAKER

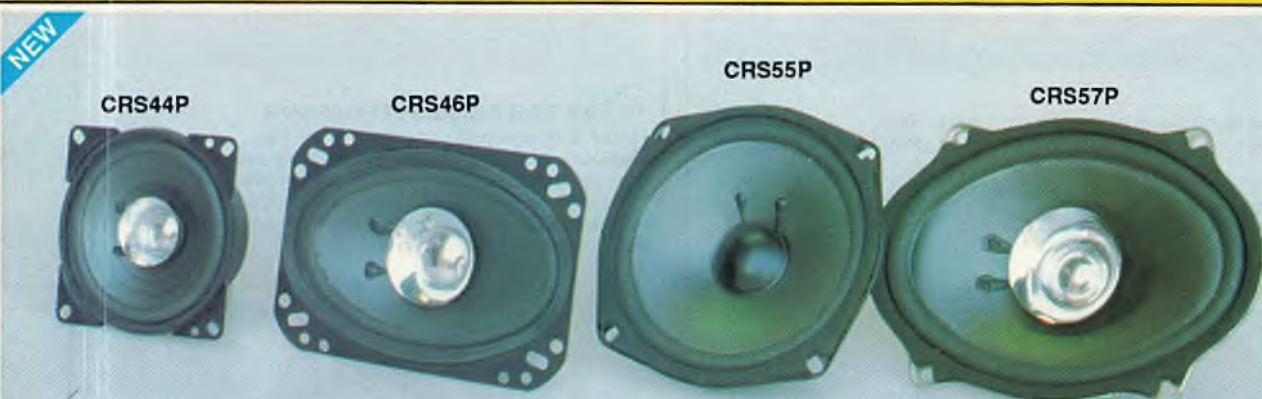
SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 10 watts/15 watts max
Magnet: 5.3 ounce

\$14.95**CRS575 BOX**
5"x 7" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 10 watts/15 watts max
Magnet: 5.3 ounce

\$18.95

HIGHER POWERED CAR REPLACEMENT SPEAKERS - 5.3 OUNCE MAGNET

Ideal for direct replacement of standard car speakers unable to handle the power output of your stereo system. All have polypropylene cones, silver whizzer cones and dust caps. Mounting holes are predrilled and are correctly positioned for easy installation.

CRS44P BOX
4" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 15 watts/35 watts max
Magnet: 5.4 ounce

\$15.95**CRS46P BOX**
4"x 6" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 20 watt/40 watt max
Magnet: 5.4 ounce

\$19.95**CRS55P BOX**
5" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 20 watts/40 watts max
Magnet: 5.4 ounce

\$18.95**CRS57P BOX**
5"x 7" CAR SPEAKER

SPECIFICATIONS:

Impedance: 4 ohms
Power RMS: 30 watts/60 watts max
Magnet: 5.4 ounce

\$19.95

FADER / VOLUME CONTROLS

SW3 P.B.H. STEREO FADER CONTROL

Balances between front and rear stereo car speakers.
•Handles up to 10 watts RMS
•Wire wound ceramic base with heatsink
\$21.95

SW6 P.B.H. STEREO VOLUME CONTROL

Volume control for front and rear stereo car speakers.
•Handles up to 10 watts RMS
•Wire wound ceramic base.
\$21.95

SW4 P.B.H. STEREO VOLUME CONTROL

Volume control for front and rear stereo car speakers.
•Handles up to 30 watts RMS
•Wire wound ceramic base
•Heatsink
\$24.95



CAR HI FI WOOFER



ASW80 PAIR / BOX 8" HONEYCOMB WOOFER - 4 OHM

Ideal woofers for high power car stereo systems. Each speaker has a blue dress ring, foam edge, black frame and silver honeycomb diaphragm.

SPECIFICATIONS:

Sensitivity:	93dB	Power RMS:	35 watts
Freq. Resp:	60Hz to 12kHz	Magnet Weight:	20 ounce
Impedance:	4 ohms		

\$119.95

CAR HI FI SPEAKER & CROSSOVER KIT



HCS851 3 WAY 120 WATT CAR SPEAKER AND CROSSOVER KIT

Unique system designed specifically for automotive use. Each kit comes complete with:

- 1 x dual input woofer
- 2 x midranges
- 2 x tweeters
- 1 x five way crossover

The five speakers supplied are each matched in appearance and can be easily installed onto the parcel shelf or rear door on most cars, vans and four wheel drive vehicles. Each component, when combined with the crossover, will handle up to 120 watts per channel which also allows this system to be used in larger installations such as caravans, boats, small offices etc. The high power 8" woofer has a dual input for connecting both the left and right channel. Each speaker is finished with a black metallic square frame, and the diaphragms are protected with a black mesh grille.

SPECIFICATIONS:

Impedance:	4 ohms
Crossover Points:	450Hz & 4kHz
Power RMS:	70 watts (120 watts maximum)
Woofer:	1 x 200mm flat honeycomb diaphragm - 20 ounce magnet
Midrange:	2 x 120mm flat honeycomb diaphragm - 5.3 ounce magnet
Tweeter:	2 x 25mm dome - 3.5 ounce magnet

\$129.95

BOX

CAR HI FI SPEAKERS

ASC6520

PAIR / D.B.

6.5" COAXIAL DIE CAST TWO WAY CAR SPEAKERS

6.5" high power woofer combined with a 1" soft dome tweeter.

- Sold per pair.
- Can be used with both analogue and digital (Compact Disc) systems.
- Woofer has a carbon fibre reinforced polypropylene cone
- Finished with a black metallic square frame and wire mesh grille.

SPECIFICATIONS:

Frequency Response:	50Hz to 20kHz
Impedance:	4 ohms
Power RMS:	40 watt/60 watt max
Magnet Weight:	Woofer 20 oz/Tweeter 5.4 oz
Dimensions:	154 x 164 x 126(depth)mm

\$139.95

ASC6940

PAIR / D.B.

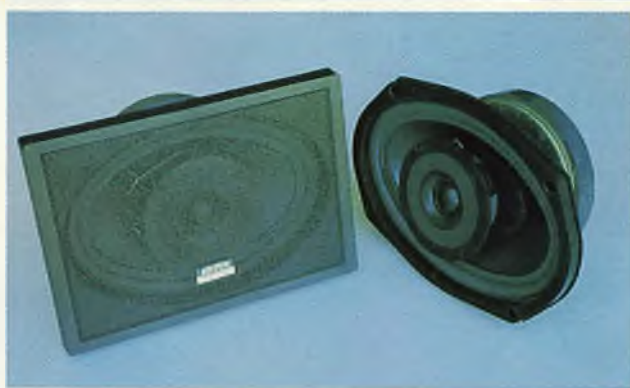
6"X 9" HIGH POWER TWO WAY CAR SPEAKERS

6"x 9" high power woofer with 1" soft dome tweeter

- Sold per pair
- Designed for both analogue and digital (compact disc) systems
- Equipped for Bi-Amp installations
- Dome tweeter is protected by power overload auto cutout thermal switch
- Ferro fluid woofer with 1.5" Kapton voice coil
- Finished with black rectangular mesh grille.
- Can be used in conjunction with model "SMB69" mounting bracket in installations where magnet depth is insufficient.

SPECIFICATIONS:

Frequency Response:	40Hz to 20kHz
Impedance:	4 ohms
Power RMS:	150 watt/300 watt max
Magnet Weight:	50 oz

\$229.95

CAR HI FI SPEAKER BAFFLES



SB451 4.5" WOOFER / 1" TWEETER

SB651 6.5" WOOFER / 1" TWEETER

PAIR / D.B.

BAFFLE MOUNTED CAR / VAN OR WALL SPEAKERS

Two way Hi Fi speaker systems designed to compliment all car, boat and caravan interiors. Both units have a removable black metallic grille and base plate. Ready mounted on a baffle they have a very low profile which makes them ideal for installations into car doors and tight rear deck parcel shelves. Both the propylene woofers and polycarbonate tweeters are designed for optimum performance with car stereo, home Hi Fi and public address systems.

The SB651 is unique in that it also has mounting holes on the rear of the baffle to suit Arista line transformers "LMT1/2 & 4. This makes it ideal for public address applications as well as Hi Fi. It can be used in restaurants, shopping centres, offices and any other installation where piped music is required and speaker line (cable) runs are exceptionally long.

SPECIFICATIONS FOR SB451.

Woofer:	4.5" Polypropylene
Tweeter:	1" soft dome tweeter
Frequency Response:	55Hz to 18kHz
Sensitivity:	83dB
Impedance:	4 ohms
Power RMS:	25 watt
Magnet Weight:	10 ounce

\$99.95

SPECIFICATIONS FOR SB651.

Woofer:	6.5" Polypropylene
Tweeter:	1" soft dome tweeter
Frequency Response:	53Hz to 20kHz
Sensitivity:	83dB
Impedance:	4 ohms
Power RMS:	35 watt
Magnet Weight:	12 ounce

\$109.95

CAR STEREO POWER AMPLIFIERS / CAR ISOLATION TRANSFORMER

SPA200

200 WATT HIGH POWER CAR SPEAKER AMPLIFIER

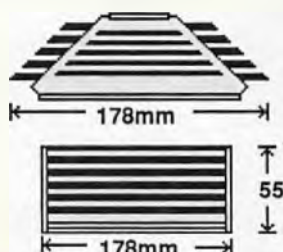
- Stereo 100 watts per channel (max) car stereo amplifier.
or single channel 200 watt (max) mono amplifier
- Accepts both normal and high power (BTL) stereo inputs
 - Soft start circuit prevents speaker damage when switching amp on/off
 - High voltage input circuit protection.

SPECIFICATIONS:

- Output Power: 200 watts maximum
(100W x 2) or (200W x 1)
- Power RMS: 100 watts at 0.5% THD
(50W x 2) or (100W x 1)
- Frequency Resp: 10Hz to 40kHz
- Input Impedance: Aux: 10k ohm / 100mV
Booster: 47 ohm / 1.5V
- Weight: 1.5Kg

\$199.95

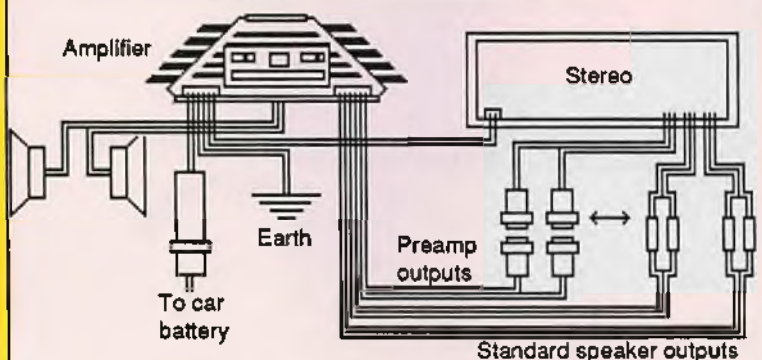
Dimensions



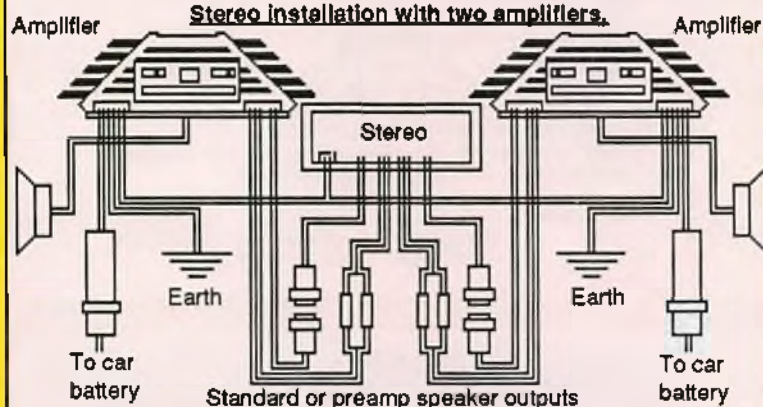
D.B.



Stereo installation with one amplifier.



Stereo installation with two amplifiers.



SPA300

300 WATT HIGH POWER CAR SPEAKER AMPLIFIER

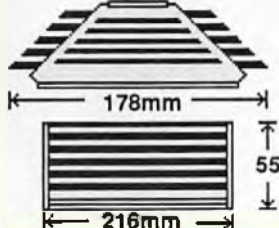
- Stereo 150 watts per channel (max) car stereo amplifier with pulse power
or single channel 300 watt (max) mono amplifier
- Or 150 watt (max) per channel stereo amplifier.
 - Built in RCA sockets for connection to units with pre amp outputs.
 - Accepts both normal and high power (BTL) stereo inputs
 - Soft start circuit prevents speaker damage when switching amp on/off
 - High voltage input circuit protection.

SPECIFICATIONS:

- Output Power: 300 watts maximum
(150W x 2) or (300W x 1)
- Power RMS: 200 watts at 0.5% THD
(100W x 2) or (200W x 1)
- Frequency Resp: 10Hz to 40kHz
- Input Impedance: Aux: 10k ohm / 180mV
Booster: 22 ohm / 2.8V
- Weight: 1.7Kg

\$279.95

Dimensions



D.B.



CNS15

AUDIO INLINE NOISE ISOLATOR TRANSFORMER

S.B.P.

15 amp high quality noise transformer designed to eliminate noise and interference from the audio line in car stereo and home Hi Fi systems.

- Has no adverse effects on the audio (music) signal itself.
- Easy to install, simply fits inline between the signal source (car stereo, cassette etc) and the power amplifier.
- No external power is needed

\$15.95



CAR ALARMS AND ACCESSORIES

CBA1 P.B.H.
**MERCURY SWITCH
MOTION DETECTOR**

Detects motion or movement by relocating a globule of mercury across two terminals.

- Completely enclosed in glass for easy mounting.
- Normally open or normally closed
- Ideal for car boot or bonnet protection

\$2.55**CBA4** S.B.P.
ALARM INDICATOR

In-dash flashing light can be used with an existing alarm or simply as a stand alone deterrent.

- Light flashes when ignition is off.
- Square lens similar to most alarm system warning indicators.
- Designed for 12VDC systems.

\$13.95**CBA6** S.B.P.
MINI ULTRASONIC CAR ALARM SYSTEM

Complete alarm system with a single inbuilt ultrasonic lens combined and mounted in a compact body smaller than a packet of cigarettes. Ideal for cars, trucks, vans, small offices etc.

- Power and detection indicating LED's.
- Designed for 12VDC systems.

SPECIFICATIONS:

Exit Delay: 30 seconds Auto Reset Time: 3 minutes
Entry Delay: 10 seconds Dimensions: 33(W)x76(L)x19(H)mm

\$49.95**CBA12** BOX
DIGITAL REMOTE ON/OFF RELAY

Digital receiver and transmitting key designed to switch on or off car alarms, home alarms and any other electronic device that is DC powered.

- DIP switches control the transmitter code which are easily "user" programmable to prevent other transmitter access to your system.
- Output can be switched from either normally open or normally closed
- On / Off LED can be mounted anywhere to indicate alarm status.
- Complete with underdash mounting bracket and harness.

SPECIFICATIONS:

Transmitter Range: 12-15 metres
Receiver Power: 12 volts DC
Relay Output: 5 amp
Transmitter Battery: GP27A
Dimensions: 80(W)x90(D)x30(H)mm

\$89.95**CBA2** P.B.H.
CAR BATTERY ISOLATOR

Isolates car alarm backup battery from your 12 volt DC main battery but still allows charging of the backup battery.

- Simply fits inline between the two batteries
- Stops the backup battery from going flat by preventing drainage back to the main car battery.

\$5.95**CBA8** D.B.
BASIC CAR ALARM SYSTEM

Simple to install car alarm with circuitry to protect doors, boot and bonnet. Panic switch feature is also included.

- Automatically arms with ignition switch.
- Circuitry etc is all mounted in siren module
- Comes complete with mounting bracket and wire harness.
- Designed for 12V DC negative earth systems.

SPECIFICATIONS:

Exit Delay: 20 seconds Auto Reset Time: 25 seconds
Entry Delay: 10 seconds Output: 110dB

\$39.95

RECHARGABLE BACKUP SIRENS



MES6 BOX

ALARM SIREN WITH INBUILT BACKUP BATTERY

- 12 volt DC operated siren with rechargeable battery.
- Trickle charged inbuilt battery continues to power the siren even if all input and power wires are disconnected.
- Siren is triggered the moment the input or power wires are cut.
- Manual override barrel key switch and mounting bracket.

SPECIFICATIONS:

Output Level: 115dB @ 1 m Operating Voltage: 12 volt DC
Operating Current: 300mA Dimensions: 90(dia) x 80mm

\$64.95



MESB BOX

DUAL PIEZO SIREN WITH INBUILT BACKUP BATTERY

- 12 volt DC operated with rechargeable backup battery.
- Twin piezo ceramic screamers ensure extremely high sound levels
- Trickle charged inbuilt battery continues to power the siren even if all input and power wires are disconnected.
- With manual override barrel key switch and mounting bracket.

SPECIFICATIONS:

Output Level: 125dB @ 1 m Operating Voltage: 12 volt DC
Operating Current: 1 Amp Resonant Freq: 2kHz
Dimensions: 70 x 140mm

\$119.95

DIGITAL CAR ALARM

CBA20 BOX
REMOTE CONTROLLED ULTRASONIC CAR ALARM

Complete alarm system contains everything you need to fully protect any car, van, truck, caravan or boat.

Control Box:

The main control panel housing the alarm circuitry and RF receiver has mounting brackets for placement under the dashboard or fire wall.

Ultrasonic Detectors:

Two individual detectors are designed to cover the interior of the car. These detect any movement that occurs ie: from doors being opened to windows being broken or forced open. These have small mounting hooks and can be mounted anywhere inside the car depending on the position that gives the best coverage.

Boot and Bonnet Protection:

Both the boot and bonnet are monitored by plunger switches.

Siren:

A self powered siren with a rechargeable back up battery is also supplied. This sets the siren off even if all the power wires connecting the alarm to the sirens are cut or tampered with.

Radio Keys:

Two remote control radio keys arm and disarm the alarm system within 20 feet of the car.

External Siren:

Any external 12VDC self driven siren, strobe, screamer etc can also be used in conjunction with this system.

Engine Cutout:

Provision is made for connecting to the cars distributor. This prevents the car from being started if the unit is not disarmed correctly.

Valet Switch:

When activated this switch temporarily prevents the alarm system from accidentally being switched on. This is ideal when the car is being serviced, washed etc.

LED Indicators:

This three way LED indicating module is designed with double sided tape on the front fascia. This allows the module to be adhered to any window so alarm status can be observed easily from "outside" the car. This often acts as a deterrent to "would be thieves".

\$459.95



Components Supplied With The Alarm System:

- 1 x Main Control Module.
- 1 x Siren With Rechargeable Backup Battery.
- 2 x Keys For Deactivating The Siren.
- 2 x Ultrasonic Detectors.
- 2 x Remote Digital Radio Transmitters.
- 1 x LED Display Module.
- 1 x Valet Switch.
- 1 x Wiring Harness.
- 2 x Plunger Switches.

SPEAKER GRILLES

SPG6	SUITS 6" SPEAKERS	\$11.95	P.B.
SPG8	SUITS 8" SPEAKERS	\$14.95	
SPG10	SUITS 10" SPEAKERS	\$17.95	
SPG12	SUITS 12" SPEAKERS	\$21.95	

METAL SPEAKER GRILLES WITH MOUNTING HARDWARE

Robust black metal thick mesh speaker grille with rubber surround. Each unit comes complete with four right angled mounting brackets, bolts and self gripping nuts designed for wooden speaker enclosures.

NEW



HONEYCOMB CONE SPEAKER SERIES

AST30

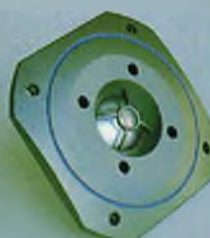


HCM40



HCW80

DT30



ASM50

AST30
1" DOME TWEETER - 4-OHM

BOX

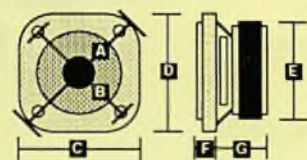
Mylar diaphragm, aluminium voice coil and blue dress ring.
 •Silver dust cap.

SPECIFICATIONS:

Sensitivity:	87.5 dB
Frequency Resp:	1.2 kHz-20kHz
Impedance:	4 ohm
Power RMS:	35 watts
Magnet Weight:	5.4 ounce
DIMENSIONS:	
A = 108mm	E = 70mm
B = 93mm	F = 11mm
C = 93mm	G = 20mm
D = 93mm	

\$12.95

Speaker Dimensions Schematic:


DT30
1" DOME TWEETER - 8 OHM

BOX

Mylar diaphragm, aluminium voice coil and blue dress ring.
 •Silver dust cap.

SPECIFICATIONS:

Sensitivity:	87.5 dB
Frequency Resp:	1.2 kHz-20kHz
Impedance:	8 ohms
Power RMS:	35 watts
Magnet Weight:	5.4 ounce
DIMENSIONS:	
A = 108mm	E = 70mm
B = 93mm	F = 11mm
C = 93mm	G = 20mm
D = 93mm	

\$12.95

HCM40
4" HONEYCOMB MIDRANGE - 8 OHM

BOX

Silver cone, blue dress ring and black frame.

•Silver dust cap •Foam edge
 •Rear rubber mounting seal

SPECIFICATIONS:

Sensitivity:	82.1 dB
Frequency Resp:	440 Hz-13kHz
Impedance:	8 ohms
Power RMS:	25 watts
Magnet Weight:	3.6 ounce
DIMENSIONS:	
A = 140mm	E = 61mm
B = 118mm	F = 5mm
C = 120mm	G = 40mm
D = 120mm	

\$16.95

HCW80
8" HONEYCOMB WOOFER - 8 OHM

BOX

Silver cone, blue dress ring and black frame.

•Silver dust cap •Foam edge
 •Rear rubber mounting seal

SPECIFICATIONS:

Sensitivity:	88 dB
Frequency Resp:	50 Hz-6.8kHz
Impedance:	8 ohms
Power RMS:	75 watts
Magnet Weight:	20 ounce
DIMENSIONS:	
A = 240mm	E = 110mm
B = 222mm	F = 9mm
C = 214mm	G = 85mm
D = 214mm	

\$54.95

ASM50
5" HONEYCOMB MIDRANGE - 4 OHM

BOX

Silver cone, blue dress ring and black frame.

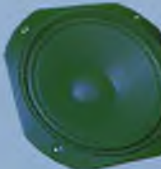
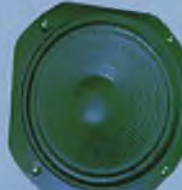
•Silver dust cap •Foam edge
 •Rear rubber mounting seal

SPECIFICATIONS:

Sensitivity:	84.4 dB
Frequency Resp:	326 Hz-10kHz
Impedance:	4 ohms
Power RMS:	25 watts
Magnet Weight:	5.4 ounce
DIMENSIONS:	
A = 152mm	E = 70mm
B = 138mm	F = 5mm
C = 137mm	G = 50mm
D = 137mm	

\$23.95

MATCHING HI FI SPEAKERS

DT10 	SP17 	SP24 
SP40 	SP50 	SP65 
SP80 	SP100 	SP120 
DT10 DOME TWEETER Round black faceplate. •Aluminium voice coil •Silver dust cap •Mylar diaphragm SPECIFICATIONS: Sensitivity: 96 dB Frequency Resp: 2 kHz to 20kHz Impedance: 8 ohms Power RMS: 15 watts Magnet Weight: 3.6 ounce DIMENSIONS: A = 94mm E = 60mm B = 86mm F = 13mm C = 94mm G = 15mm D = 94mm \$11.95	SP17 1.5\" TWEETER WITH SEALED BACK Square black frame. •Black paper cone •Black dust cap •Cloth edge •Foam gasket SPECIFICATIONS: Sensitivity: 90 dB Frequency Resp: 1.2 kHz to 20kHz Impedance: 8 ohms Power RMS: 10 watts Magnet Weight: 3.6 ounce DIMENSIONS: A = 109mm E = 45mm B = 88mm F = 7mm C = 93mm G = 28mm D = 93mm \$5.45	SP24 2.5\" TWEETER WITH SEALED BACK Square black frame. •Black paper cone •Black dust cap •Cloth edge surround •Foam gasket SPECIFICATIONS: Sensitivity: 94 dB Frequency Resp: 1.1 kHz to 17kHz Impedance: 8 ohms Power RMS: 10 watts Magnet Weight: 3.6 ounce DIMENSIONS: A = 109mm E = 45mm B = 88mm F = 7mm C = 93mm G = 28mm D = 93mm \$5.95
SP40 4\" MIDRANGE WITH SEALED BACK Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 96 dB Frequency Resp: 650 Hz to 15kHz Impedance: 8 ohms Power RMS: 15 watts Magnet Weight: 3.6 ounce DIMENSIONS: A = 138mm E = 61mm B = 115mm F = 6mm C = 120mm G = 40mm D = 120mm \$10.95	SP50 5\" MIDRANGE WITH SEALED BACK Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 97 dB Frequency Resp: 600 Hz to 8kHz Impedance: 8 ohms Power RMS: 20 watts Magnet Weight: 5.4 ounce DIMENSIONS: A = 159mm E = 70mm B = 138mm F = 6mm C = 135mm G = 40mm D = 135mm \$12.95	SP65 6.5\" WOOFER Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 89 dB Frequency Resp: 58 Hz to 10kHz Impedance: 8 ohms Power RMS: 15 watts Magnet Weight: 5.4 ounce DIMENSIONS: A = 205mm E = 70mm B = 185mm F = 4mm C = 179mm G = 60mm D = 179mm \$16.95
SP80 8\" WOOFER WITH RIBBED CONE Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 88 dB Frequency Resp: 54 Hz to 9kHz Impedance: 8 ohms Power RMS: 20 watts Magnet Weight: 5.4 ounce DIMENSIONS: A = 240mm E = 70mm B = 220mm F = 10mm C = 213mm G = 66mm D = 213mm \$21.95	SP100 10\" WOOFER WITH RIBBED CONE Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 90 dB Frequency Resp: 45 Hz to 6.4kHz Impedance: 8 ohms Power RMS: 25 watts Magnet Weight: 10 ounce DIMENSIONS: A = 299mm E = 110mm B = 275mm F = 11mm C = 268mm G = 94mm D = 268mm \$43.95	SP120 12\" WOOFER WITH RIBBED CONE Square black frame. •Black paper cone •Black dust cap •Cloth edge roll surround SPECIFICATIONS: Sensitivity: 92 dB Frequency Resp: 32 Hz to 4kHz Impedance: 8 ohms Power RMS: 30 watts Magnet Weight: 13.3 ounce DIMENSIONS: A = 363mm E = 110mm B = 331mm F = 13mm C = 326mm G = 115mm D = 326mm \$53.95

WIDE FRAME SPEAKER SERIES

New series of matching speakers. Each has a die cast aluminium frame surround with blue dress ring. The tweeters and midrange are finished with a metal grille and the woofers have a unique wide frame to enhance their appearance.

NEW



SDT10AL



DM40



DM50



SWF8



SWF10



SWF12

SDT10AL**1" DOME TWEETER**

Square heavy die cast aluminium black faceplate.

- Aluminium voice coil
- Black cloth dust cap
- Mylar diaphragm
- Blue dress ring

SPECIFICATIONS:

- Sensitivity: 95 dB
- Frequency Resp: 2.5 kHz to 20kHz
- Impedance: 8 ohms
- Power RMS: 20 watts
- Magnet Weight: 3.6 ounce

DIMENSIONS:

- A = 120mm E = 70mm
- B = 115mm F = 12mm
- C = 115mm G = 27mm
- D = 115mm

\$23.95

BOX

DM40**4" MIDRANGE**

Square black frame.

- Black paper cone
- Black dust cap
- Blue dress ring
- Sealed back

SPECIFICATIONS:

- Sensitivity: 90 dB
- Frequency Resp: 315 Hz to 16kHz
- Impedance: 8 ohms
- Power RMS: 50 watts
- Magnet Weight: 5.4 ounce

DIMENSIONS:

- A = 138mm E = 85mm
- B = 122mm F = 8mm
- C = 120mm G = 85mm
- D = 120mm

\$16.95

BOX

DM50**5" DOME MIDRANGE**

Square silver frame.

- Black paper cone
- Black dust cap
- Blue dress ring
- Sealed back

SPECIFICATIONS:

- Sensitivity: 91 dB
- Frequency Resp: 334 Hz to 12kHz
- Impedance: 8 ohms
- Power RMS: 70 watts
- Magnet Weight: 13.3 ounce

DIMENSIONS:

- A = 159mm E = 95mm
- B = 122mm F = 8mm
- C = 135mm G = 90mm
- D = 135mm

\$49.95

BOX

SWF8**8" WIDE FRAME WOOFER**

Round black frame with wide edge.

- Black ribbed paper cone
- Black dust cap
- Foam edge and surround
- Blue dress ring

SPECIFICATIONS:

- Sensitivity: 94 dB
- Frequency Resp: 31 Hz to 7.4kHz
- Impedance: 8 ohms
- Power RMS: 60 watts
- Magnet Weight: 20 ounce

DIMENSIONS:

- A = 225mm E = 110mm
- B = 200mm F = 8mm
- C = 225mm G = 80mm
- D = 225mm

\$44.95

BOX

SWF10**10" WIDE FRAME WOOFER**

Round black frame with wide edge.

- Black ribbed paper cone
- Black dust cap
- Foam edge and surround
- Blue dress ring

SPECIFICATIONS:

- Sensitivity: 93 dB
- Frequency Resp: 24 Hz to 4.9kHz
- Impedance: 8 ohms
- Power RMS: 70 watts
- Magnet Weight: 20 ounce

DIMENSIONS:

- A = 285mm E = 110mm
- B = 250mm F = 9mm
- C = 285mm G = 100mm
- D = 285mm

\$56.95

BOX

SWF12**12" WIDE FRAME WOOFER**

Round black frame with wide edge.

- Black ribbed paper cone
- Black dust cap
- Foam edge & surround
- Blue dress ring

SPECIFICATIONS:

- Sensitivity: 93 dB
- Frequency Resp: 23 Hz to 4.2kHz
- Impedance: 8 ohms
- Power RMS: 100 watts
- Magnet Weight: 30 ounce

DIMENSIONS:

- A = 330mm E = 170mm
- B = 295mm F = 12mm
- C = 330mm G = 110mm
- D = 330mm

\$79.95

BOX

POLYPROPYLENE CONE SERIES WOOFERS

PPW65 **BOX**
6.5" POLYPROPYLENE CONE WOOFER

With black frame.

- Dark grey cone •Silver dust cap
- Rubber mounting seal •Foam edge

SPECIFICATIONS:

Sensitivity: 88 dB
Frequency Resp: 54 Hz to 7.2kHz
Impedance: 8 ohms
Power RMS: 50 watts
Magnet Weight: 10 ounce

DIMENSIONS:

A = 205mm E = 100mm
B = 185mm F = 11mm
C = 178mm G = 64mm
D = 178mm

\$29.95**PPW80** **BOX**
8" POLYPROPYLENE CONE WOOFER

With black frame.

- Dark grey cone •Silver dust cap
- Rubber mounting seal •Foam edge

SPECIFICATIONS:

Sensitivity: 91 dB
Frequency Resp: 57 Hz to 7kHz
Impedance: 8 ohms
Power RMS: 75 watts
Magnet Weight: 20 ounce

DIMENSIONS:

A = 240mm E = 120mm
B = 222mm F = 11mm
C = 214mm G = 84mm
D = 214mm

\$39.95**PPW100** **BOX**
10" POLYPROPYLENE CONE WOOFER

With black frame.

- Dark grey cone •Silver dust cap
- Rubber mounting seal •Foam edge

SPECIFICATIONS:

Sensitivity: 90.5 dB
Frequency Resp: 60 Hz to 5.6kHz
Impedance: 8 ohms
Power RMS: 80 watts
Magnet Weight: 30 ounce

DIMENSIONS:

A = 300mm E = 121mm
B = 276mm F = 11mm
C = 268mm G = 104mm
D = 268mm

\$59.95**PPW120** **BOX**
12" POLYPROPYLENE CONE WOOFER

With black frame.

- Dark grey cone •Silver dust cap
- Rubber mounting seal •Foam edge

SPECIFICATIONS:

Sensitivity: 95.5 dB
Frequency Resp: 30 Hz to 6.8kHz
Impedance: 8 ohms
Power RMS: 100 watts
Magnet Weight: 30 ounce

DIMENSIONS:

A = 365mm E = 120mm
B = 332mm F = 11mm
C = 325mm G = 124mm
D = 325mm

\$69.95**PPW65****PPW100****PPW80****PPW120**

PAPER CONE SERIES WOOFERS

SP65W **BOX**
6.5" DOPED PAPER CONE

High compliance rubber surround.

- Dark grey cone •Black dust cap
- Black round frame

SPECIFICATIONS:

Sensitivity: 93 dB
Frequency Resp: 38 Hz to 5.5kHz
Impedance: 8 ohms
Power RMS: 45 watts
Magnet Weight: 20 ounce

DIMENSIONS:

A = 165mm E = 100mm
B = 158mm F = 11mm
C = 165mm G = 74mm
D = 165mm

\$39.95**SP8W** **BOX**
8" DOPED PAPER CONE

High compliance rubber surround.

- Dark grey cone •Black dust cap
- Black round frame

SPECIFICATIONS:

Sensitivity: 93 dB
Frequency Resp: 30 Hz to 4.2kHz
Impedance: 8 ohms
Power RMS: 45 watts
Magnet Weight: 20 ounce

DIMENSIONS:

A = 206mm E = 100mm
B = 198mm F = 11mm
C = 206mm G = 77mm
D = 206mm

\$44.95**SP10W** **BOX**
10" DOPED PAPER CONE

High compliance rubber surround.

- Dark grey cone •Black dust cap
- Black round frame

SPECIFICATIONS:

Sensitivity: 91 dB
Frequency Resp: 25 Hz to 3.5kHz
Impedance: 8 ohms
Power RMS: 60 watts
Magnet Weight: 20 ounce

DIMENSIONS:

A = 257mm E = 111mm
B = 245mm F = 11mm
C = 257mm G = 104mm
D = 257mm

\$59.95**SP12W** **BOX**
12" DOPED PAPER CONE

High compliance rubber surround.

- Dark grey cone •Black dust cap
- Black round frame

SPECIFICATIONS:

Sensitivity: 95 dB
Frequency Resp: 24 Hz to 4kHz
Impedance: 8 ohms
Power RMS: 60 watts
Magnet Weight: 30 ounce

DIMENSIONS:

A = 302mm E = 120mm
B = 292mm F = 11mm
C = 302mm G = 99mm
D = 302mm

\$99.95**SP65W****SP10W****SP8W****SP12W**

PAPER CONE WOOFERS

SP4 BOX**4" WOOFER**

With black paper cone.

•Black dust cap •Rubber edge

SPECIFICATIONS:

Sensitivity: 80 dB
 Frequency Resp: 62 Hz to 8kHz
 Impedance: 8 ohms
 Power RMS: 8 watts
 Magnet Weight: 5.3 ounce

DIMENSIONS:

A = 116mm E = 80mm
 B = 115mm F = 10mm
 C = 105mm G = 56mm
 D = 105mm

\$12.95**SP4W BOX****4" HIGH POWER WOOFER**

With black paper cone.

•Black dust cap •Foam edge

SPECIFICATIONS:

Sensitivity: 92 dB
 Frequency Resp: 42 Hz to 14kHz
 Impedance: 8 ohms
 Power RMS: 45 watts
 Magnet Weight: 12 ounce

DIMENSIONS:

A = 127mm E = 80mm
 B = 114mm F = 8mm
 C = 105mm G = 49mm
 D = 105mm

\$34.95

HIGH POWER PAPER CONE WOOFERS

SP650 BOX**6.5" HIGH POWER WOOFER**

With black paper cone.

•Black dust cap •Rubber edge

•Rubber mounting seal

SPECIFICATIONS:

Sensitivity: 83dB
 Frequency Resp: 58 Hz to 12kHz
 Impedance: 8 ohms
 Power RMS: 20 watts
 Magnet Weight: 10 ounce

DIMENSIONS:

A = 165mm E = 79mm
 B = 158mm F = 7mm
 C = 165mm G = 68mm
 D = 165mm

\$21.95**SP8/20 BOX****8" HIGH POWER WOOFER**

With ribbed black paper cone.

•Black dust cap •Cloth edge

•Rubber mounting seal

SPECIFICATIONS:

Sensitivity: 84.6 dB
 Frequency Resp: 58 Hz to 9kHz
 Impedance: 8 ohms
 Power RMS: 40 watts
 Magnet Weight: 20 ounce

DIMENSIONS:

A = 206mm E = 100mm
 B = 194mm F = 8mm
 C = 206mm G = 18mm
 D = 206mm

\$29.95**SP10/30 BOX****10" HIGH POWER WOOFER**

With ribbed black paper cone.

•Black dust cap •Cloth edge

•Rubber mounting seal

SPECIFICATIONS:

Sensitivity: 92 dB
 Frequency Resp: 48 Hz to 8kHz
 Impedance: 8 ohms
 Power RMS: 40 watts
 Magnet Weight: 30 ounce

DIMENSIONS:

A = 261mm E = 120mm
 B = 242mm F = 10mm
 C = 261mm G = 92mm
 D = 261mm

\$49.95**SP12/30 BOX****12" HIGH POWER WOOFER**

With ribbed black paper cone.

•Black dust cap •Cloth edge

•Rubber mounting seal

SPECIFICATIONS:

Sensitivity: 97 dB
 Frequency Resp: 27 Hz to 6.1kHz
 Impedance: 8 ohms
 Power RMS: 50 watts
 Magnet Weight: 30 ounce

DIMENSIONS:

A = 309mm E = 120mm
 B = 295mm F = 6mm
 C = 309mm G = 117mm
 D = 309mm

\$64.95

MIDRANGES

MR10 BOX**5" MIDRANGE**

With black paper cone and sealed back.

•Black dust cap •Rubber edge

SPECIFICATIONS:

Sensitivity: 98 dB
 Frequency Resp: 500 Hz to 8kHz
 Impedance: 8 ohms
 Power RMS: 10 watts
 Magnet Weight: 5.4 ounce

DIMENSIONS:

A = 127mm E = 70mm
 B = 117mm F = 7mm
 C = 127mm G = 40mm
 D = 127mm

\$11.95**DM55 BOX****5.5" DOME MIDRANGE**

Soft fabric dome midrange with

polymer diaphragm 2" ferrofluid

cooled voice coil.

SPECIFICATIONS:

Sensitivity: 89 dB
 Frequency Resp: 450 Hz to 5kHz
 Impedance: 8 ohms
 Power RMS: 60 watts
 Magnet Weight: 13.3 ounce

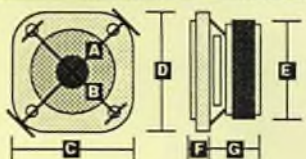
DIMENSIONS:

A = 134mm E = 100mm
 B = 123mm F = 8mm
 C = 134mm G = 40mm
 D = 134mm

\$64.95

TWEETERS

Speaker Dimensions Schematic:

**DT5** **BOX****1" DOME TWEETER**

Compact high power dome tweeter with black plastic square frame.

SPECIFICATIONS:

Sensitivity: 92 dB
Frequency Resp: 4 kHz to 20kHz
Impedance: 8 ohms
Power RMS: 50 watts
Magnet Weight: 1.5 ounce

DIMENSIONS:

A = 69mm E = 46mm
B = 60mm F = 2mm
C = 51mm G = 18mm
D = 51mm

\$9.95**DT20** **BOX****1" SOFT DOME TWEETER**

High power polymer diaphragm dome tweeter with aluminium ferro fluid cooled voice coil. Requires a 12dB octave crossover.

SPECIFICATIONS:

Sensitivity: 90 dB +/-2dB
Frequency Resp: 2.5 kHz to 20kHz
Impedance: 8 ohms
Power RMS: 30 watts
Magnet Weight: 8 ounce

DIMENSIONS:

A = 100mm E = 70mm
B = 90mm F = 8mm
C = 100mm G = 31mm
D = 100mm

\$27.95**HT8A** **BOX****2" HORN TWEETER**

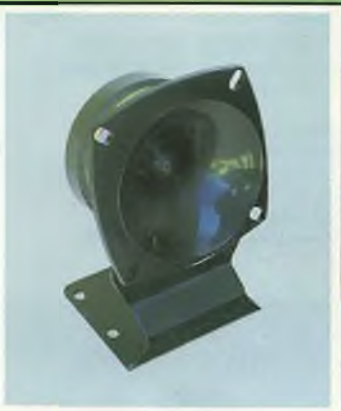
With mylar diaphragm and aluminium voice coil.

SPECIFICATIONS:

Sensitivity: 95 dB
Frequency Resp: 1.5 kHz to 20kHz
Impedance: 8 ohms
Power RMS: 10 watts
Magnet Weight: 2.5 ounce

DIMENSIONS:

A = 79mm E = 57mm
B = 68mm F = 4mm
C = 63mm G = 36mm
D = 63mm

\$7.95

FULLRANGE SPEAKERS

SP4F **BOX****4" FULLRANGE**

With blackpaper cone.
•Cloth edge.

SPECIFICATIONS:

Sensitivity: 86 dB +/-2dB
Frequency Resp: 100 Hz to 12kHz
Impedance: 8 ohms
Power RMS: 15 watts
Magnet Weight: 10 ounce

DIMENSIONS:

A = 126mm E = 80mm
B = 115mm F = 6mm
C = 105mm G = 50mm
D = 105mm

\$21.95**SP5F** **BOX****5" FULLRANGE**

5" fullrange speaker with black paper cone designed for public address column speakers.
•Foam edge •Whizzer cone

SPECIFICATIONS:

Sensitivity: 88 dB
Frequency Resp: 100 Hz to 12kHz
Impedance: 8 ohms
Power RMS: 10 watts
Magnet Weight: 5.4 ounce

DIMENSIONS:

A = 130mm E = 80mm
B = 120mm F = 8mm
C = 130mm G = 60mm
D = 130mm

\$19.95**SP65F** **BOX****6.5" FULLRANGE-TWIN CONE**

With black paper cone ideal for public address and background music.

•Foam edge •Whizzer cone

SPECIFICATIONS:

Sensitivity: 86 dB
Frequency Resp: 54 Hz to 20kHz
Impedance: 8 ohms
Power RMS: 10 watts
Magnet Weight: 5.3 ounce

DIMENSIONS:

A = 167mm E = 70mm
B = 157mm F = 8mm
C = 167mm G = 55mm
D = 167mm

\$14.95**SP8** **BOX****8" FULLRANGE**

Twin cone speaker with white paper cone ideal for public address and background music.

•Foam edge •Whizzer cone

SPECIFICATIONS:

Sensitivity: 90 dB
Frequency Resp: 53 Hz to 20kHz
Impedance: 8 ohms
Power RMS: 30 watts
Magnet Weight: 13 ounce

DIMENSIONS:

A = 205mm E = 109mm
B = 194mm F = 8mm
C = 205mm G = 70mm
D = 205mm

\$24.95

PIEZO HORN TWEETERS

PHS1 **D.B.****PIEZO HORN TWEETER**

Wide dispersion 100 watt tweeter.
No crossover required.

SPECIFICATIONS:

Sensitivity: 105 dB/0.5m
Frequency Resp: 2 kHz to 30kHz
Max Power: 100 watts
Max Input Voltage: 24 volts
Dimensions: 112 x 95mm

\$11.95**PHS2** **D.B.****PIEZO HORN TWEETER**

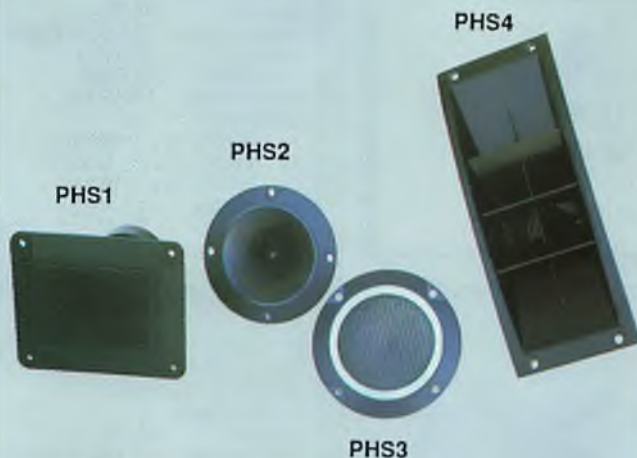
Wide dispersion 100 watt tweeter.
No crossover required.

SPECIFICATIONS:

Sensitivity: 100 dB/0.5m
Frequency Resp: 3 kHz to 30kHz
Max Power: 100 watts
Max Input Voltage: 24 volts
Dimensions: 96 mm dia

\$10.95

REVISED

**PHS3** **D.B.****PIEZO TWEETER**

Direct radiating 100 watt tweeter.
No crossover required.

SPECIFICATIONS:

Sensitivity: 98 dB
Frequency Resp: 3.2 kHz to 30kHz
Max Power: 100 watts
Max Input Voltage: 24 volts
Dimensions: 95 mm dia

\$11.95**PHS4** **D.B.****PIEZO HORN TWEETER**

Wide dispersion 100 watt tweeter.
No crossover required.

SPECIFICATIONS:

Sensitivity: 95 dB
Frequency Resp: 2 kHz to 20.2kHz
Max Power: 100 watts
Max Input Voltage: 24 volts
Dimensions: 270 x 100mm

\$18.95

MUSICAL SPEAKERS

**HT105** **D.B.**
EXPONENTIAL HORN TWEETER

Wide dispersion 50 watt tweeter.

SPECIFICATIONS:

Sensitivity: 93 dB
Frequency Resp: 500 Hz to 20kHz
Impedance: 8 ohms
Power RMS: 50 watts
Magnet Weight: 8 ounce
Dimensions: 270 x 100mm (10.5" x 4")

\$36.95**MSP12** **BOX**
12" HIGH POWER MUSICAL SPEAKER

Fullrange speaker ideal for reproducing both
musical instrument and prerecorded audio.

- White paper cone
- Silver dust cap
- Whizzer cone
- Rubber edge

SPECIFICATIONS:

Sensitivity: 93.7 dB
Frequency Resp: 57 Hz to 13kHz
Impedance: 8 ohms
Power RMS: 50 watts
Magnet Weight: 30 ounce
Dimensions: 308 mm (12") dia

\$64.95

SPEAKER ATTENUATORS

LA1 **MIDRANGE** **2PCS/D.B.**
LA2 **HIGHRANGE**
18 WATT ATTENUATORS

Ideal for mounting into speaker box
cabinets for attenuating individual
midranges or tweeters.

- Designed for three way systems.
- Impedance 8-10 ohms.
- 18 watt RMS rated.

\$13.95**LA3** **MONO** **\$19.95** **D.B.**
LA4 **STEREO** **\$32.95**
100 WATT ATTENUATORS

Ideal for mounting into speaker box
cabinets for attenuating speakers.

- Mono & stereo versions available.
- Ceramic base.
- Impedance constant 8 ohms.
- Handles up to 100 watts.
- Complete with metal faceplate and knob.



SPEAKER CROSSOVERS

This series of crossovers is ideal for audio buffs, hobbyists and professional speaker builders and are designed to be used in conjunction with the raw speakers shown on the previous pages.

XN206 2PCS/D.B. TWO WAY CROSSOVER

Two way crossover network for separating low (woofer) and high (tweeter) audio frequencies.

- Handles up to 60 watts.
- 6dB attenuation.
- Crossover point 5kHz.
- Impedance 8 ohms.

\$10.95
XN212 2PCS/D.B. TWO WAY CROSSOVER

Two way crossover network for separating low (woofer) and high (tweeter) audio frequencies.

- Handles up to 60 watts.
- 12dB attenuation.
- Crossover point 2.3kHz.
- Impedance 8 ohms.

\$16.95
XN306 2PCS/D.B. THREE WAY CROSSOVER

Three way crossover network for separating low (woofer), middle (midrange) and high (tweeter) audio frequencies.

- Handles up to 60 watts.
- 6dB attenuation.
- Crossover points 800Hz & 5kHz.
- Impedance 8 ohms.

\$18.95
XN312 2PCS/D.B. THREE WAY CROSSOVER

Three way crossover network for separating low (woofer) middle (midrange) and high (tweeter) audio frequencies.

- Handles up to 60 watts.
- 12dB attenuation.
- Crossover points 800Hz & 5kHz.
- Impedance 8 ohms.

\$39.95
XN316 2PCS/D.B. THREE WAY CROSSOVER

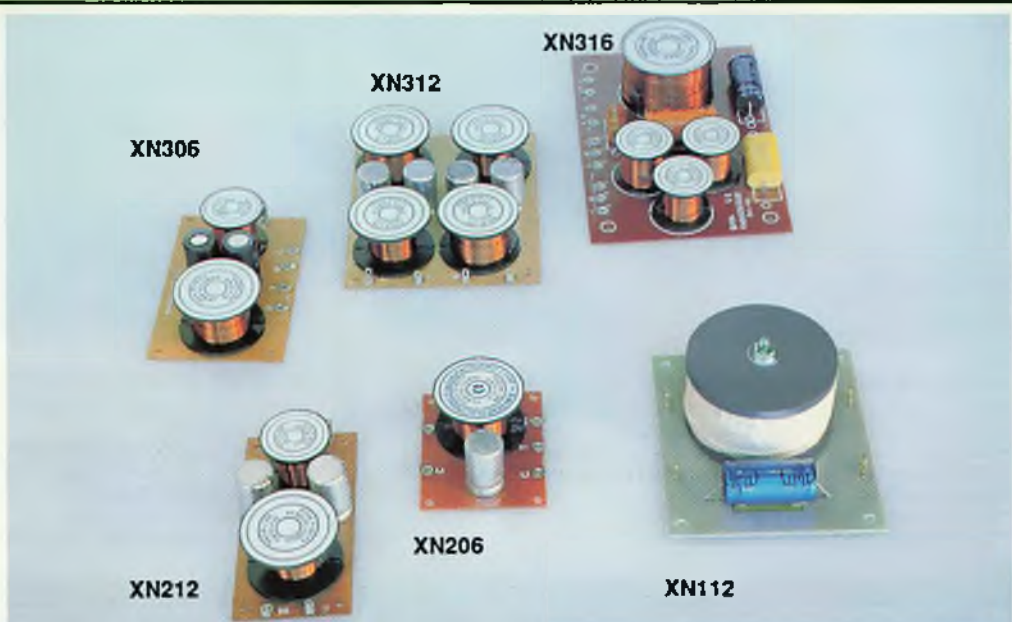
Three way crossover network for separating low (woofer) middle (midrange) and high (tweeter) audio frequencies.

- Handles up to 150 watts.
- 16dB attenuation.
- Crossover points 350Hz & 3kHz.
- Impedance 8 ohms.

\$69.95
XN112 BOX. LOW PASS FILTER

Designed specifically for use with subwoofers and other "Bass only" drivers. Allows low frequencies only to pass, blocks other frequencies.

- Input Power: 150 watts RMS.
- 12dB attenuation/octave
- Frequency cutoff point: 200Hz
- Impedance 8 ohms.

\$49.95

SPEAKER TERMINAL PLATES / CUPS / TUBES


ST1 SPEAKER TERMINAL

Input/output terminal designed to mount on speaker cabinets and amplifiers. Red/black spring loaded push terminals for quick and secure connections. Dimensions: 55 x 25mm/45mm mounting holes.

\$1.45
STC1 SPEAKER TERMINAL CUP

Input/output terminal cup designed to mount on speaker cabinets. Red/black spring loaded push terminals for quick and secure connections. 51mm recessed escutcheon/4 mounting holes.

\$2.45
STC2 SPEAKER TERMINAL CUP

Input/output terminal cup designed to mount on speaker cabinets. Simply drill hole, push into hole and seal. No screw mounting needed. Red/black spring loaded push terminals. Diameter 60mm.

\$2.45
STC3 SPEAKER TERMINAL

High quality speaker input/output terminal designed to mount on speaker cabinets or amplifiers.

- Colour coded terminals
- Gold plated cable contacts
- 4mm banana plugs or screw clamps
- Dimensions: 92 x 78mm.

\$7.45
R60 60MM DIAMETER R89 89MM DIAMETER SPEAKER CABINET PORTING TUBES

Black plastic speaker tubes designed for finishing off breathing or porting outlets on speaker boxes or cabinets. Simply cut out the desired diameter porting hole in the rear or underside of the speaker cabinet, insert one of these tubes and seal for a quick, easy professionally finished product. Also ideal for desks and furniture that need holes cut into the surface for passing cables through.

\$1.45**\$1.95**

SPEAKER SELECTOR SWITCHES / SOURCE DIRECTOR



NEW

**SSS1
SPEAKER SELECTOR SWITCH**

S.B.P.

Stereo speaker selecting switch allows two pairs of speakers to be connected and run off one amplifier output.

- Each pair of speakers can individually be switched on or off.
- Either one or two pairs of speakers can be on simultaneously.
- Input impedance: 8 ohms.
- Output impedance: 8 ohms.
- Screw terminating inputs and outputs.

\$16.95

NEW

**SSS2
SPEAKER SELECTOR SWITCH**

S.B.P.

Free standing speaker selector switch allows switching of up to three pairs of speakers.

- Each pair of speakers can individually be switched on or off.
- Allows one, two or three pairs of speakers to be on simultaneously.
- Input impedance: 8 ohms.
- Output impedance: 8 ohms.
- Screw terminating inputs and outputs.

\$39.95

NEW

**TAA800
FOUR WAY AUDIO LINE SWITCH / DIRECTOR**

S.B.P.

Allows up to four separate audio inputs to be directed into a single audio line input on your Hi Fi stereo amplifier, cassette or tape player.

- Push button operated.
- Compact unit with double sided tape for mounting.
- Three pairs of RCA socket inputs on the rear of the unit for cassette players, tuners, VCR soundtracks etc.
- One 3.5mm stereo socket input on the front panel for walkmans etc.
- 2 x RCA socket outputs on the rear for connecting to your amplifier.
- Complete with two leads: 2 x RCA plugs to 2 x RCA plugs
- 1 x stereo 3.5mm plug to 1 x 3.5mm plug.

\$52.95

NEW

**TAA801
SPEAKER SELECTOR SWITCH**

D.B.

Free standing speaker selector switch allows switching of up to five pairs of speakers.

- Each pair of speakers can individually be switched on or off.
- Allows any combination of speakers to be on simultaneously.
- Rated at 50 watts RMS continuous per channel.
- Dual circuit protection with auto resetting circuit breaker.
- Constant minimum speaker load protects amplifier.
- Stereo headphone output for private listening.
- RCA socket inputs and outputs.

\$69.95**TAA802
SOURCE DIRECTOR / DUBBING SWITCH**

D.B.

Free standing source director has four inputs which allows switching, combining, recording, monitoring and dubbing in any combination of:

- Two tape or cassette decks.
 - One compact disc player.
 - One auxiliary device such as a tuner, VCR etc.
- These can also be directed in any combination to two amplifiers.
- Simple push button operation replaces the need to connect and disconnect input and output leads.
 - The compact disc player input has a variable attenuator which allows you to correctly match the input sensitivity of most CD players.
 - RCA socket inputs on inputs and outputs.

\$64.95

- Listen to any one of the inputs individually or together at the same time.
- Record from tape 1 to tape 2 while listening to tape 1.
- Record from tape 2 to tape 1 while listening to tape 2.
- Record from source amplifier to tape 1 while listening to source amplifier.
- Record from source amplifier to tape 2 while listening to source amplifier.
- Record from source amplifier to tape 1 and 2 while listening to source amplifier.
- Record from CD to tape 1 while listening to the CD.
- Record from CD to tape 2 while listening to the CD.
- Record from CD to tape 1 and 2 while listening to the CD.
- Record from tape 1 and source amplifier to tape 2.
- Record from tape 2 and source amplifier to tape 1.
- Record from CD and tape 1 to tape 2.
- Record from CD and tape 2 to tape 1.
- Record from CD and source amplifier to tape 1 or tape 2.



SPEAKERS

WALL AND FLOOR SPEAKER MOUNTING BRACKETS

SMB1 2 PCS / BOX HI FI SPEAKER WALL MOUNTING BRACKETS

These right angled speaker mounting brackets which are designed to be bolted to the wall are made of a robust metal which will hold most bookshelf sized speakers.

The maximum weight these will support is determined by the size and type of bolts used and walls these brackets are secured too.

Rubber pads are used on the base plate to prevent speaker vibrations passing through the bracket into the wall.

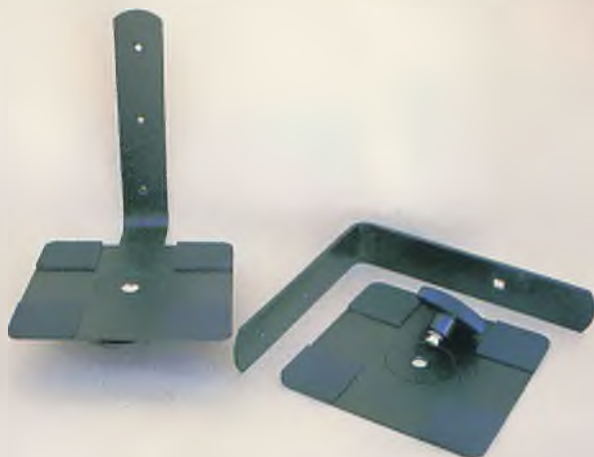
•Base plate size: 150mm x 150mm.

•Finished in a black acrylic.

•Sold per pair.

\$49.95

NEW



SMB2 2 PCS / BOX HI FI SPEAKER WALL MOUNTING BRACKETS

Ideal for wall mounting bookshelf and HI FI speakers in areas where shelf or floorspace is at a minimum.

Designed to help optimise listening pleasure by allowing the speakers to be positioned in locations relative to both the listener and other speaker enclosures to obtain the best stereo imaging.

Spatial positioning is also easily achieved with tilt and swivel functions.

•Speakers can be swivelled side to side up to 180 degrees.

•Speakers can be tilted up and down up to 15 degrees.

•Each speaker is securely held with a variable rubber edged clamp and two self tapping thumbscrew bolts (into the back of the cabinet).

•Will hold speakers with a depth up to 254mm (10").

•Will hold speakers with a maximum weight of 16kgs.

•Finished in a black acrylic.

•Sold per pair.

\$69.95



SMB4 2 PCS / BOX HI FI SPEAKER FLOOR MOUNTING BRACKETS

Black epoxy finished metal floor speaker stand designed for improving the bass response and avoiding colouration associated with speakers placed directly onto a floor and sited close to walls.

Base slope is adjustable to ensure you find the correct listening position for the speakers.

•Will hold speakers with a minimum depth of 22 x 19mm.

•Will hold speakers with a maximum weight of 30kgs.

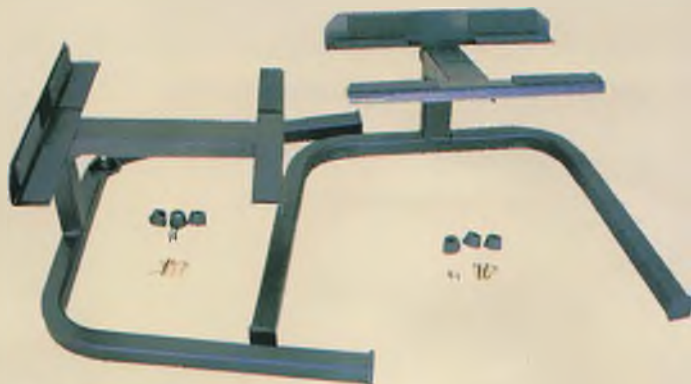
•Pointed leg studs are provided to prevent slipping due to speaker vibration when standing on carpets. These are easily removed when using on smooth tile or timber floors.

•Stand height: 12.5cm.

•Stand base dimension: 37 x 28cm.

•Sold per pair

\$99.95



MINI SPEAKER SYSTEMS - "ARISTA"

REVISED

**MS501****3 WAY MINI HI FI SPEAKERS**

One of the best selling mini speaker systems in Australia. Ideal for any home, car, boat, caravan, office or restaurant.

- Die cast charcoal aluminium cabinet.
- Metal mesh grille.
- Cable channel engraved into back of cabinet for wall mounting.
- Complete with adjustable mounting brackets.
- Install in minutes.
- Sold per pair

SPECIFICATIONS:

Speakers: 4" polypropylene woofer-7.5 ounce magnet.
2" midrange.
1" soft dome tweeter.
Power input: 20 watt RMS.
Impedance: 8 ohms.
Freq. Response: 80Hz to 18kHz.
Dimensions: 116(W) x 110(D) x 185(H)mm.
Weight: 1.4kg each.

\$109.95

D.B.

REVISED

**MS502****2 WAY MINI HI FI SPEAKERS**

For increased performance in a mini Hi Fi system. Suits any home, car, caravan or boat installation.

- Die cast charcoal aluminium cabinet.
- Metal mesh grille.
- Cable channel engraved into back of cabinet for wall mounting.
- Complete with adjustable mounting brackets.
- Install in minutes.
- Sold per pair

SPECIFICATIONS:

Speakers: 4" honeycomb woofer with 10 ounce magnet.
1" soft dome tweeter.
Power Input: 25 watt RMS. 84dB/Wm
Impedance: 8 ohms.
Freq. Response: 60Hz to 20kHz.
Dimensions: 116(W) x 110(D) x 185(H)mm.
Weight: 2.0kg each.

\$159.95

D.B.

NEW

**MS352****2 WAY MINI HI FI BASS REFLEX SPEAKER SYSTEM**

Outstanding performance from a "New Generation" class of mini speaker. Ideally designed for the home, car, boat, caravan or office.

- High impact plastic black cabinet.
- Black metal mesh grille.
- Complete with adjustable mounting brackets.
- Install in minutes.
- Sold per pair

SPECIFICATIONS:

Speakers: 3.5" urethane foam edge woofer with 8 ounce magnet.
2" soft dome tweeter.
Power input: 35 watt RMS.
Impedance: 8 ohms.
Freq. Response: 60Hz to 20kHz.
Sensitivity: 89dB.
Dimensions: 183(W) x 115(D) x 113(H)mm.
Weight: 1.4kg each.

\$129.95

D.B.

NEW

**MS521****4 WAY MINI HI FI BASS REFLEX SPEAKER SYSTEM**

Designed for vans, pick up trucks and hatchbacks. They are simple to install without having to cut or permanently adapt car interiors and still achieve quality Hi Fi sound.

- High impact heavy duty moulded plastic black cabinet.
- Black metal mesh grille.
- Complete with adjustable mounting brackets.
- Sold per pair

SPECIFICATIONS:

Speakers: 5.25" polypropylene woofer-8 ounce magnet.
1.75" midrange
2 x 1" soft dome tweeters.
Power Input: 55 watt RMS.
Impedance: 4 ohms.
Freq. Response: 65Hz to 20kHz.
Sensitivity: 90dB.
Dimensions: 260(W) x 125(D Bottom) x 85(D Top) x 170(H)mm.
Weight: 1.8kg each.

\$229.95

D.B.

MINI SPEAKER SYSTEMS - AMPLIFIED & "HARMONY"

**AMS504**

D.B.

AMPLIFIED HI FI SPEAKER SYSTEM

No external amplifier is required for these speakers. Each speaker contains its own independent 10W RMS amplifier which picks up the sound signal from the headphone socket on your Walkman or portable compact disc player and converts them to normal Hi Fi sound reproduction levels.

- Black woodgrain cabinet with rubber protective edges.
- Removable black cloth grille.
- Power input can be either 240V AC or DC power pack.
- AC input leads supplied.
- Sold per pair

SPECIFICATIONS:

Speakers: 4" polypropylene fullrange
Power Input: 10 watt RMS.
Impedance: 8 ohms.
Freq. Response: 100Hz to 18kHz.
Power Supply: 240V AC or DC power pack.
Dimensions: 160(W) x 185(D) x 250(H)mm.
Weight: 3.5kg each.

\$299.95**HS824**

D.B.

2 WAY MINI SPEAKER SYSTEM

These superb bookshelf or wall mounting speakers are finished in a genuine "Oakwood" cabinet with black removable cloth grille. Designed to enhance the audio characteristics as well as the decor of your home.

- American oakwood cabinets.
- Removable black cloth grille.
- Sold per pair

SPECIFICATIONS:

Speakers: 4" carbon fibre reinforced polypropylene woofer with 1" aluminium two layer voice coil, rubber surround and 10 ounce magnet.
 1" polymer soft dome tweeter with ferro fluid cooled aluminium voice coil and 5.4 ounce magnet.
Power Input: 30 watt RMS.
Impedance: 8 ohms.
Freq. Response: 80Hz to 20kHz.
Dimensions: 129(W) x 120(D) x 204(H)mm.
Weight: 3.0kg each.

\$299.95**HSW324 (WAS HSW423)**

D.B.

2 SPEAKER 3 WAY BOOKSHELF BASS REFLEX SYSTEM

One of the best selling speakers we carry. This unit features dual voice coils (4 layer) and a two speaker three way bass reflex system which provides optimum performance for their size. Designed for use with compact disc players and ideally suited for mounting in bookshelves or Hi Fi/video cabinets. Now improved with the addition of a polymer soft dome tweeter.

- Black woodgrain cabinet and removable black cloth grille.
- Sold per pair.

SPECIFICATIONS:

Speakers: 4" two way carbon reinforced polypropylene woofer with 10 ounce magnet.
 1" polymer ferro fluid cooled soft dome tweeter with 6 ounce magnet.
Power Input: 30 watt RMS. 82dB/Wm +/-2dB.
Impedance: 8 ohms.
Freq. Response: 100Hz to 20kHz.
Dimensions: 150(W) x 160(D) x 240(H)mm.
Weight: 3.0kg each.

\$299.95**HSW430**

D.B.

3 WAY MAGNETICALLY SHIELDED SPEAKER SYSTEM.

These speakers are specially designed for use with audio/video entertainment systems. They are magnetically shielded which prevents interference or damage to video and TV sets when they are positioned within close proximity.

- Black woodgrain cabinet.
- Removable black cloth grille.
- Sold per pair.

SPECIFICATIONS:

Speakers: 4" polypropylene woofer with 4 layer voice coil.
 4" polypropylene woofer/midrange with 2 layer voice coil.
 1" ferro fluid cooled soft dome tweeter with 6 ounce magnet.
Power Input: 30 watt RMS. (60 watts max)
Impedance: 8 ohms.
Freq. Response: 55Hz to 20kHz.
Dimensions: 150(W) x 164(D) x 350(H)mm.
Weight: 4.25kg each.

\$279

WATERPROOF OUTDOOR SPEAKER SYSTEMS - "HARMONY"

REVISED

**HS624W (WAS HSA420)**

D.B.

2 WAY WATERPROOF HI FI SPEAKER SYSTEM.

Fitted with carbon fibre reinforced polypropylene cone woofers and moisture proof soft dome tweeters which makes them ideal for boats, outside under eaves, swimming pool and barbeque areas.

- Beige coloured die cast aluminium cabinet.
- Black metal grille.
- Complete with mounting brackets.
- Sold per pair.

SPECIFICATIONS:

Speakers: 4" polypropylene woofer with 10 ounce magnet.
1" soft dome polymer tweeter with 5.3 ounce magnet.
Power Input: 30 watt RMS. 84dB/Wm
Impedance: 8 ohms.
Freq. Response: 70Hz to 20kHz.
Dimensions: 116(W) x 120(D) x 186(H)mm.
Weight: 2.0kg each.

\$299.95

NEW

**HS525**

D.B.

2 WAY WATER RESISTANT HI FI SPEAKER SYSTEM.

Hi Fi speaker system designed for applications where top quality sound is needed for outdoor or marine use. Ideal for boats, outside under eaves, swimming pool and barbeque areas.

- High density beige coloured plastic cabinet.
- Brown grille.
- Complete with mounting brackets.
- Sold per pair.

SPECIFICATIONS:

Speakers: 5.25" carbon fibre reinforced polypropylene cone with rubber surround, 1" 4 layer voice coil and 13.3 ounce magnet.
1" polymer ferro fluid cooled soft dome tweeter with 5.4 ounce magnet.
Power Input: 40 watt RMS
Impedance: 8 ohms.
Freq. Response: 90Hz to 20kHz.
Dimensions: 165(W) x 178(D) x 270(H)mm.
Weight: 4.0kg each.

\$389.95**HS625**

D.B.

2 WAY WATER RESISTANT HI FI SPEAKER SYSTEM.

Weather resistant 5.25" speaker system with black die cast aluminium cabinet two way acoustic suspension speaker. These are fully compatible with compact disc players and other digital audio components and as such can be used as either main speakers for Hi Fi midi systems or simply as an extra pair of "put anywhere" extension speakers. They are water/weather resistant which makes them ideal for indoor applications as well as installations in boats, outside under eaves, swimming pool and barbeque areas, sauna or spa enclosures.

- Black die cast aluminium cabinet
- Black metal grille.
- Sold per pair.

SPECIFICATIONS:

Speakers: 5.25" carbon fibre reinforced polypropylene woofer with rubber surround, 1" 4 layer voice coil and 13.3 ounce magnet.
1" horn loading soft dome polymer ferro fluid cooled tweeter with 1" single layer voice coil and 5.3 ounce magnet.
Power Input: 40 watt RMS. (60 watts max).
Impedance: 8 ohms.
Freq. Response: 60Hz to 20kHz.
Dimensions: 162(W) x 165(D) x 230(H)mm.
Weight: 3.85kg each.

\$349.95

NEW



SPEAKER SYSTEMS - "HARMONY"



The all new Harmony "Perfect Image" series of superbly crafted genuine American oak loudspeaker systems continues the tradition of sound excellence that has established them around the world under some of the best known brand names in Hi Fi.

Each model is based on a two way acoustic suspension system and features the latest technology woofers (carbon fibre reinforced polypropylene cone, rubber surrounds and either two or four layer voice coils) together with a unique tweeter (1" polymer soft dome single layer, low inductance ferro fluid voice coil). All are matched with timeless styling and are bookshelf or mid sized floor standing models. This inexpensive range of Harmony "Perfect Image" speaker systems is aimed at near perfect reproduction of the pure sound sources available from compact disc and other digitally or analogue recorded audio.

•Black wooden cabinet with solid American oak top and bottom

•Removable black cloth grille

•Sold per pair.

HS724 D.B. 4" ACOUSTIC SUSPENSION HI FI SPEAKER SYSTEM.

SPECIFICATIONS:

Speakers: 4" carbon fibre reinforced polypropylene woofer with a rubber surround, 1" two layer voice coil and 10 ounce magnet.
1" soft dome polymer single layer low inductance ferro fluid cooled tweeter with 5.4 ounce magnet.
30 watt RMS. (50 watts max)

Power input: 8 ohms.
Impedance: 90Hz to 20kHz.
Freq. Response: 84dB +/-2dB/Wm
Sensitivity: 150(W) x 150(D) x 262(H)mm.
Dimensions:

\$329.95

HS726 D.B. 6.5" ACOUSTIC SUSPENSION HI FI SPEAKER SYSTEM.

SPECIFICATIONS:

Speakers: 6.5" carbon fibre reinforced polypropylene woofer with a rubber surround, 1" four layer voice coil and 13.3 ounce magnet.
1" soft dome polymer single layer low inductance ferro fluid cooled tweeter with 8 ounce magnet.
40 watt RMS. (60 watts max)

Power input: 8 ohms.
Impedance: 70Hz to 20kHz.
Freq. Response: 86dB +/-2dB/Wm
Sensitivity: 220(W) x 200(D) x 360(H)mm.
Dimensions:

\$499.95

HS725 D.B. 5.25" ACOUSTIC SUSPENSION HI FI SPEAKER SYSTEM.

SPECIFICATIONS:

Speakers: 5.25" carbon fibre reinforced polypropylene woofer with a rubber surround, 1" four layer voice coil and 13.3 ounce magnet.
1" soft dome polymer single layer low inductance ferro fluid cooled tweeter with 5.4 ounce magnet.
40 watt RMS. (60 watts max)

Power input: 8 ohms.
Impedance: 90Hz to 20kHz.
Freq. Response: 86dB +/-2dB/Wm
Sensitivity: 190(W) x 175(D) x 312(H)mm.
Dimensions:

\$399.95

HS728 D.B. 8" ACOUSTIC SUSPENSION HI FI SPEAKER SYSTEM.

SPECIFICATIONS:

Speakers: 8" carbon fibre reinforced polypropylene woofer with a rubber surround, 1.5" four layer voice coil and 17.7 ounce magnet.
1" soft dome polymer single layer low inductance ferro fluid cooled tweeter with 8 ounce magnet.
50 watt RMS. (80 watts max)

Power input: 8 ohms.
Impedance: 70Hz to 20kHz.
Freq. Response: 86dB +/-2dB/Wm
Sensitivity: 260(W) x 230(D) x 425(H)mm.
Dimensions:

\$589.95

WIRED AND WIRELESS INTERCOMS



NEW

**KE100
TWO STATION INTERCOM**

S.B.P.

Budget priced wired intercom with one master to one slave.

- Master station: on/off, push to call & talk button and volume control.
- Slave station: Handsfree talk and listen, push button to call.
- Either unit can call the other, even when the master station is off.
- Set comes complete with connecting cable.
- Operates off a 9 volt DC battery-006P size (Arista "GP1604A").
- Can also be operated off a 240 volt mains plug pack (Arista "PP300")

\$29.95

NEW

**KE117
TWO STATION INTERCOM**

S.B.P.

One master to one slave wired intercom.

- Master station with on/off and call/talk button and volume control.
- Operating distance up to 1000 metres.
- Set comes complete with connecting cable and mounting staples.
- Operates off a 9 volt DC battery-006P size (Arista "GP1604A").
- Can also be operated with an optionally available 240 volt mains plug pack (Arista "PP300")

\$39.95

NEW

**KE630
THREE STATION INTERCOM**

S.B.P.

One master to two slaves wired intercom.

- Master station with on/off and call/talk button and volume control.
- The master unit can call each of the slave units individually or both together at the same time.
- Operating distance up to 1000 metres.
- Set comes complete with connecting cable and mounting staples.
- Operates off a 9 volt DC battery-006P size (Arista "GP1604A").
- Can also be operated off a 240 volt mains plug pack (Arista "PP300")

\$59.95

NEW

**GEE420
MOBILE BABY MONITORING SYSTEM**

D.B.

Fully portable two station audio monitoring system that enables you move around the house without any cords and keep an "ear" on your baby, the kids, the aged or sick.

- No installation required. Simply plug the transmitter into any 240 volt AC mains power point and switch on.
- Portable battery powered receiver is carried around with you for constant monitoring.
- Squelch control for reducing background noise.
- Transmitter frequency: 49.830MHz.
- Power: Transmitter-240 volt AC operated
Receiver-2 x UM3 penlight batteries (Arista "GP15A").

\$89.95

NEW

**WIS1
TWO STATION WIRELESS INTERCOM**

D.B.

This wireless two station intercom system transmits an FM signal via your mains power cables. This not only eliminates the need for connecting wires but also enables you to place each of the stations in any position throughout your house or office where there is a mains power point.

- Both stations have on/off, call/talk/lock buttons and volume controls.
- Utilises phase lock looped (PLL) circuitry to prevent frequency drift.
- Transmitting & receiving frequencies: 280kHz.
- Cord: 1.5 metres long with 2 pin AC plug.
- Colour: White.
- Dimensions: 155 x 120 x 45mm.

\$94.95

WIRELESS INTERCOMS

**WIS3** **D.B.****TWO STATION WIRELESS INTERCOM - 3 CHANNEL**

This wireless two station intercom system has three transmitting/receiving channels which allows you to select either individual or group stations (when more than two units are in use). This system transmits an FM signal through your mains power cables which not only eliminates the need for connecting wires but also enables you to place each of the stations in any position throughout your house or office where there is a mains power point.

- Three channel system.
- Both stations have on/off, call/talk/lock buttons and volume controls.
- Utilises phase lock looped (PLL) circuitry to prevent frequency drift.
- Transmitting & receiving frequencies: 275/300/325kHz.
- Cord: 1.5 metres long with 2 pin AC plug.
- Colour: White.
- Dimensions: 132 x 200 x 47mm.

\$114.95**WIS4** **D.B.****TWO STATION WIRELESS INTERCOM WITH PAGER**

This two station wireless intercom system is designed with a paging system. This allows the caller to not only alert the other station with a tone but also for announcements to be heard "hands free". Ideal for office to warehouse communications. Each station can be wall or bench mounted and has a handset for privacy. This system transmits an FM signal through your mains power cables which not only eliminates the need for connecting wires but also enables each station to be fully portable, requiring only a power point for connection.

- Two station system.
- Both stations have receive/transmit LED's and paging buttons.
- Utilises phase lock looped (PLL) circuitry to prevent frequency drift.
- Transmitting & receiving frequencies: 235 and 270kHz.
- Paging output power: 0.3 watts
- Cord: 1.5 metres long with 2 pin AC plug.
- Colour: White.
- Dimensions: 100 x 220 x 70mm.

\$154.95

FAX MACHINE / MODEM PROTECTOR

CPEP1 **C.S.B.**
CONSUMER PREMISES EQUIPMENT PROTECTOR

This unique unit has been developed over the last twelve months to offer the maximum possible external protection to user equipment such as fax machines, computer modems, telephone answering machines etc. Both telephone line and power inputs are protected. The CPEP1 substantially reduces the damaging effects of atmospheric discharge (lightning) which can occur in equipment connected into the telephone network. In addition power spikes and surges that are sometimes present in 240 volt AC mains power lines are reduced.

ESSENTIAL FOR USE AS FOLLOWS:

- For protection of facsimile machines.
- Computers incorporating modem connections.
- Telephones.
- Telephone answering and recording machines.
- Modems.
- Telex machines.

DESIGN:

- Status Display:
Red neon indicates "power on" status.
Green neon indicates "correct earthing contact".
Amber neon indicates "faulty wiring" requiring attention.
- Power Input/Output:
A unique 240 volt plug/ socket arrangement is used which allows a simple inline installation.
- Line Input/Output:
Dual US modular telephone sockets are used for connecting up the fax, telephone answering machine, modem etc.

PROTECTION:

- The unit uses a combination of both M.O.V.s and gas arrestor circuitry to prevent internal damage to home and office machinery which can cost several hundreds of dollars.
- Recommended by major equipment manufacturers for use with modular telephone loads and adaptors.

\$64.95

TELEPHONE ACCESSORIES - AUSTRALIAN

REVISED

**PT1 S.B.P.****TELEPHONE PLUG**

Australian inline plug.
 •Solderless terminal lugs.
 •Colour: Cream.
 •Telecom approved.

\$4.95

REVISED

**PT2 S.B.P.****TELEPHONE INLINE SOCKET**

Australian inline socket.
 •Solderless terminal lugs.
 •Colour: Cream.
 •Telecom approved.

\$5.45

REVISED

**PT3 S.B.P.****TELEPHONE ENTRY BOX**

Australian entry box socket.
 •Solderless terminal lugs.
 •Colour: Cream.
 •Telecom approved.

\$5.45**PT20 20 PCS/S.B.P.****SOLDERLESS TERMINALS**

Crimp terminals to suit Australian plugs and sockets
 •Suits "PT1, PT2 & PT3".
 •No soldering required.

\$1.45

NEW

**TEL2 S.B.P.****TELEPHONE DUAL ADAPTOR**

Australian plug to two Australian sockets. Allows the addition of an extra extension phone, answering machine or external phone bell to an existing telephone outlet without having to remove the existing telephone.
 •Colour: Cream.
 •Telecom approved.

\$9.95

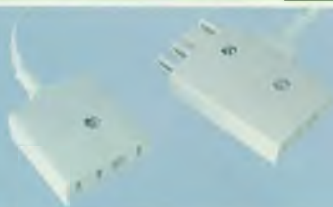
REVISED

**TEL2C****TELEPHONE DUAL ADAPTOR LEAD**

Australian plug to two Australian sockets. Allows the addition of an extra extension phone, answering machine or external phone bell to an existing telephone outlet.
 •Length: 10 cm.
 •Colour: Cream.
 •Telecom approved.

\$9.95

REVISED

**TEL3 S.B.P.****TELEPHONE DUAL ADAPTOR**

Australian socket to Australian plug/socket adaptor. Allows the addition of an extra extension phone, answering machine or external phone bell to an existing telephone outlet.
 •Length: 10 metres.
 •Colour: Cream.
 •Telecom approved.

\$18.95

REVISED

**TEL4 5 METRE CABLE****\$13.95****TEL6 10 METRE CABLE****\$17.95****TELEPHONE EXTENSION CABLES**

Australian plug to Australian socket extension lead.
 Ideal for extending telephones and external telephone bells etc.
 •Colour: Cream.
 •Telecom approved.

TEL18 D.B.**TELEPHONE EXTENSION LEAD WITH REEL**

Australian plug to Australian socket extension lead, neatly wound on a portable storage container reel. Ideal for extending telephones and telephone bells etc. out to the swimming pool, garden.
 •Freestanding reel with handle for rewinding.
 •Carrying handle.
 •Length: 15 metres
 •Colour: Cream.
 •Telecom approved.

\$34.95

REVISED

**TEL20 D.B.****HANDSFREE TELEPHONE CONVERTOR**

By placing the telephone handset into the "TEL20" cradle, the sound is amplified into a pair of headphones with a boom-arm micro-phone for handsfree use. It can also be used in conjunction with cassette recorders or as a telephone speaker amplifier.
 •Automatically switches on/off when handset is placed in cradle.
 •With headset, microphone with boom arm, muting & volume control.
 •Power: 3 x UM3 Batteries (Arista "GP15A") Mains powered plug pack (Arista "PP500") optional

\$99.95

TELEPHONE ACCESSORIES - US MODULAR



PT5 **S.B.P.**
TELEPHONE PLUG ADAPTOR
 Australian plug to US socket.
 •6 way/2 wire US socket.
 •Colour: Cream.
\$6.95



TELS **S.B.P.**
TELEPHONE EXTENSION
 Australian plug to US plug.
 •Length: 2.5 metres.
 •6 way/4 wire US modular plug.
 •Colour: Cream.
\$8.45



TEL7 **S.B.P.**
TELEPHONE EXTENSION
 Australian socket to US plug.
 •Length: 5 metres.
 •6 way/4 wire US modular plug.
 •Colour: Cream.
\$8.95



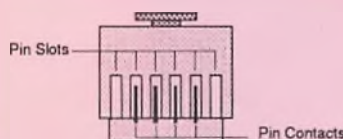
TEL8 **S.B.P.**
TELEPHONE ADAPTOR
 Australian plug to US socket.
 •Length: 10 cm.
 •6 way/4 wire US socket.
 •Colour: Cream.
\$6.95



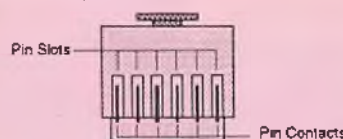
PT8 **S.B.P.**
TELEPHONE WALL SOCKET
 6 WAY/4 WIRE **\$3.45**
CNC8 6 WAY/6 WIRE **\$3.45**
 Wall entry with U.S. modular socket.
 •Screw terminating.
 •Colour: Cream.

US modular plugs wiring configurations

6 way (slot) / 4 contact modular plug for standard telephone systems.



6 way (slot) / 6 contact modular plug for Computer Network Systems.
 CNC=Computer Network Connector
 CNL=Computer Network Lead.



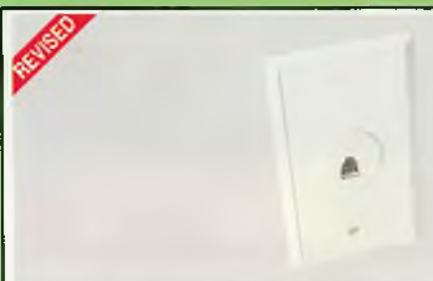
PT11 **S.B.P.**
DUAL SIDE ENTRY BOX
 6 WAY/4 WIRE **\$7.95**
CNC11 6 WAY/6 WIRE **\$7.95**
 Screw terminating single cable input to two US modular socket outputs.
 •Colour: Cream.



PT10 **S.B.P.**
TELEPHONE WALL SOCKET
 6 WAY/4 WIRE **\$3.95**
CNC10 6 WAY/6 WIRE **\$3.95**
 Wall entry with US modular socket.
 •Screw terminating.
 •Colour: Cream.



PT116 **S.B.P.**
SIDE ENTRY BOX
 6 WAY/6 WIRE **\$4.95**
PT118 8 WAY/8 WIRE **\$6.95**
 Screw terminating single cable input to a single US modular socket and cable output.
 •Colour: Cream.



PT12 **S.B.P.**
TELEPHONE WALL PLATE
 6 WAY/4 WIRE **\$3.45**
CNC12 6 WAY/6 WIRE **\$3.45**
 Wall plate with US modular socket.
 •Standard Australian size wallplate.
 •Colour: Cream.



PT13 **S.B.P.**
TELEPHONE WALL PLATE
 6 WAY/4 WIRE **\$9.95**
CNC13 6 WAY/6 WIRE **\$9.95**
 Wall plate with dual US modular sockets.
 •Standard Australian size wallplate.
 •Colour: Cream.



PT15 **S.B.P.**
TELEPHONE PRIVACY JUNCTION BOX
 Designed for ensuring privacy for the home or office where a second extension phone exists by automatically cutting off the other phone the moment one handset is lifted.
 •Two LED's indicate which phone is being used.
 •US modular input sockets.
 •Colour: Cream.
\$24.95



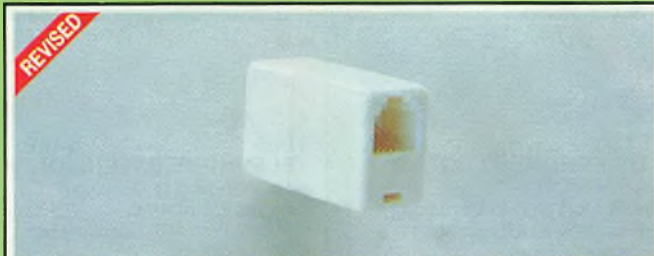
PT25 **S.B.P.**
ANSWERING MACHINE DOUBLE ADAPTOR
 Dual adaptor allows use of both telephone and an answering machine on a single telephone line. Converts a single modular socket into two modular sockets. LED indicators show whether the answering machine or telephone is being used.
 •Input: 1 x US modular plug
 •Output: 2 x US modular sockets
 •Colour: Cream.
\$9.95

TELEPHONE ACCESSORIES - US MODULAR

REVISED

**DUAL TELEPHONE ADAPTOR****PT6**
CNC66 WAY/4 WIRE
6 WAY/6 WIRE**S.B.P.**
\$3.95
\$3.95US modular plug to two US modular sockets adaptor.
•Colour: Cream

REVISED

**TELEPHONE INLINE JOINER****PT7**
CNC76 WAY/4 WIRE
6 WAY/6 WIRE**S.B.P.**
\$3.95
\$3.95US socket to US modular socket adaptor.
•Colour: Cream**TELEPHONE EXTENSION CABLE****TEL9**
CNL96 WAY/4 WIRE
6 WAY/6 WIRE**S.B.P.**
\$5.95
\$7.95US modular plug to US modular socket telephone extension cable.
•Length: 5 metres. •Colour: Cream.

REVISED

**TELEPHONE EXTENSION CABLE****TEL11**
CNL116 WAY/4 WIRE
6 WAY/6 WIRE**S.B.P.**
\$6.95
\$8.95US modular plug to dual US modular sockets telephone extension.
•Length: 5 metres. •Colour: Cream.

REVISED

**PHONE/COMPUTER CURLY CABLE****TEL14.BR**
TEL14.CBROWN 6 WAY/4 WIRE
CREAM 4 WAY/4 WIRE**S.B.P.**
\$5.95
\$5.95US plug to US plug replacement cable for handsets and keyboards.
•Length: Curl cord 4.5 metres extended.

•Colour: Cream or Brown.

REVISED

**MODULAR TELEPHONE CABLE****TEL16**
CNL166 WAY/4 WIRE
6 WAY/6 WIRE**S.B.P.**
\$5.95
\$6.95US plug to US plug replacement cable for handsets and keyboards.
•Length: 5 metres.

•Colour: Cream.

**TEL21****TELEPHONE EXTENSION BELL****S.B.P.**

Allows you to hear the phone ringing when you are out by the pool, in the garage or garden.

•5 metre extension cord plugs into any modular phone socket.

•Built in US modular socket to connect to the phone.

•Use "PT5" to convert a standard Aust. phone plug to suit this unit.

•Both the US modular plug and socket are 6 way/4 wire.

•Colour: Cream

\$29.95**TEL30****TELEPHONE BUG ALERT****O.B.**

Indicates if an unwanted third party is listening to your conversation.

•Green LED indicates privacy.

•Flashing red LED indicates someone else is on the line.

•Complete with Australian plug/socket for inline installation.

•Double sided tape on back of unit allows mounting on the phone.

•No batteries required; all power is taken from the phone line.

•Screwdriver supplied for adjusting and installing the unit.

\$34.95

TELEPHONE ACCESSORIES - MODULAR

**VR200****S.B.P.****TELEPHONE DICTATING CONTROL**

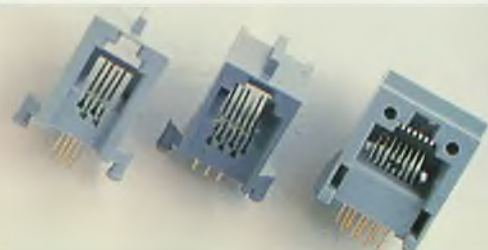
Starts & stops cassette recorders automatically when phone is used.
 •Modular socket for connecting to the telephone line.

- Power is taken from the phone line, no batteries required.
- 2.5 & 3.5mm output plugs for connecting to the microphone and remote switching inputs on the cassette recorder.

\$21.95**TELEPHONE PICKUP COILS****S.B.P.****TPC1 SUCTION CAP MIC****\$3.95**

For recording or amplification of telephone calls.

- Microphone adheres to the handset.
- 3.5mm plug connects to the microphone socket input on your cassette recorder.
- Cable length: 1 metre.

\$5.95**MODULAR SOCKETS-PCB MOUNTING****S.B.P.****PT14 4 WAY/4 WIRE****\$2.45****PT16 6 WAY/6 WIRE****\$2.45****PT18 8 WAY/8 WIRE****\$4.45**

U.S. modular sockets.

- Solder tabs for PCB mounting.
- Stabilizing pins on each side.

**US MODULAR PLUGS****5 PCS/S.B.P.****PT44 4 WAY/4 WIRE****\$2.95****PT64 6 WAY/4 WIRE****\$2.95****PT66 6 WAY/6 WIRE****\$3.95****PT88 8 WAY/8 WIRE****\$7.95**

Standard U.S. modular crimp type plugs. Designed for use with TEL104/106/108 cable and TCT46/88 crimping tools.

**TELEPHONE CABLE****100M/REEL**

Designed for use with U.S. modular and Australian telephones and telephone connectors.

TEL104 \$0.65/METRE

Four conductor cable. Suits "PT44" & "PT64" modular plugs.

- Conductors: 7 strands/0.16mm •o.d.: 5mm x 2.5mm

TEL106 \$1.00/METRE

Six conductor cable. Suits "PT66" modular plugs.

- Conductors: 7 strands/0.16mm •o.d.: 7mm x 2.5mm

TEL108 \$1.50/METRE

Eight conductor cable. Suits "PT88" modular plugs.

- Conductors: 7 strands/0.16mm •o.d.: 9mm x 2.5mm

U.S. MODULAR STRIPPING/CRIMPING TOOLS**S.B.P.**

Allows quick and easy connection of U.S. modular connectors to the above telephone cable. Simply strip and crimp.

TCT46**FOUR AND SIX WAY STRIPPING & CRIMPING TOOL**

Strips "TEL104" four core and "TEL106" six core cable. Crimps "PT44", "PT64" and "PT66" modular plugs.

- Plastic clip in insert allows both 4 and 6 way US modular plugs and cable to be stripped and crimped.
- Plastic body.

\$13.95**TCT88****EIGHT WAY STRIPPING & CRIMPING TOOL**

Strips "TEL108" eight core cable. Crimps "PT88" modular plugs.

- Heavy duty metal body.

\$34.95**STEPS TO USING TCT46/88**

- 1) Cut cable to desired length.
- 2) Place end of cable into stripping slot, squeeze crimper handles and pull cable out of slot.
- 3) Place cable into back of modular plug and rest in the cradle on the crimpers.
- 4) Squeeze the handles, remove from the crimpers and the connection is complete.

SPEAKER HORNS - 8 OHM

SPH1 **D.B.**
SPEAKER HORN-8 WATT

Plastic speaker horn with bracket.
•Can be used indoors or outdoors.
•Ideal for alarms or public address.

SPECIFICATIONS:

Impedance: 8 ohm
Power RMS: 8 watts
Colour: Black
Dimensions: 87 x 105mm
(3.75" x 4.25")

\$16.95**SPH2** **D.B.**
SPEAKER HORN-10 WATT

High impact plastic speaker horn.
•Can be used indoors or outdoors.
•Adjustable plastic bracket.

SPECIFICATIONS:

Impedance: 8 ohm
Power RMS: 10 watts
Freq. Response: 700Hz-6kHz
Colour: White
Dimensions: 140mm (5.5")

\$16.95**SPH4** **REVISED** **D.B.**
SPEAKER HORN-15 WATT

Aluminium speaker horn.
•Can be used indoors or outdoors.
•Adjustable metal bracket.

SPECIFICATIONS:

Impedance: 8 ohm
Power RMS: 15 watts
Freq. Response: 350Hz-5kHz
Colour: Grey
Dimensions: 125 x 165mm
(5" x 6")

\$43.95**SPH6** **D.B.**
MARINE SPEAKER HORN

High impact plastic speaker horn.
•Designed for outdoor & marine.
•Adjustable plastic bracket.

SPECIFICATIONS:

Impedance: 8 ohm
Power RMS: 8 watts
Freq. Response: 350Hz-8kHz
Colour: White
Dimensions: 117 x 200mm
(5" x 8")

\$43.95

SPEAKER HORNS WITH LINE TRANSFORMERS

SPH615 **D.B.**
6" HORN & LINE X'FORMER

Weatherproof plastic horn with 100 volt line transformer.
•Adjustable metal bracket.

SPECIFICATIONS:

Impedance: 2K/1.33K/1K/670Ω
Tappings: 5/7.5/10 & 15 watt
Power RMS: 15 watts
Freq. Response: 200Hz-13kHz
Colour: Beige & brown
Dimensions: 150mm (6")

\$74.95**SPH815** **NEW** **D.B.**
8" HORN & LINE X'FORMER

Weatherproof plastic horn with 100 volt line transformer.
•Adjustable metal bracket.

SPECIFICATIONS:

Impedance: 2K/1.33K/1K/670Ω
Tappings: 5/7.5/10 & 15 watt
Power RMS: 15 watts
Freq. Response: 200Hz-13kHz
Colour: Beige & brown
Dimensions: 200mm (8")

\$99.95**SPH8** **D.B.**
8" HORN & LINE X'FORMER

Weatherproof aluminium horn with 100 volt line transformer.
•Adjustable metal bracket.

SPECIFICATIONS:

Impedance: 2K/1.33K/1K/670Ω
Tappings: 5/7.5/10 & 15 watt
Power RMS: 15 watts
Freq. Response: 300Hz-5kHz
Colour: Grey
Dimensions: 200mm (8")

\$79.95**SPH12** **D.B.**
12" HORN & LINE X'FORMER

Weatherproof aluminium horn with 100 volt line transformer.
•Adjustable metal bracket.

SPECIFICATIONS:

Impedance: 1K/670/500/400Ω
Tappings: 10/15/20 & 25 watt
Power RMS: 25 watts
Freq. Response: 300Hz-5kHz
Colour: Grey
Dimensions: 317mm (12")

\$119.95**SF16** (WAS SPH16) **D.B.**
16" HORN FLARE/TRUMPET

Speaker horn flange.
•Suits "SD16" & "LT16".

SPECIFICATIONS:

Colour: Grey
Dimensions: 400mm (16")

\$74.95**SD16** (WAS SDH30) **BOX.**
16" HORN DRIVER

30 watt horn driver.
•Suits "SF16" & "LT16".

SPECIFICATIONS:

Power RMS: 30 watts
Freq. Response: 300Hz-5kHz
Colour: Grey

\$59.95**LT16** (WAS SLT100) **BOX.**
16" HORN LINE TRANSFORMER

100 volt line transformer.
•Suits "SF16" & "SD16".

SPECIFICATIONS:

Impedance: 1K/670/500/400 ohm
Max. Wattage: 30 watts
Colour: Grey

\$29.95

SPEAKERS WITH LINE TRANSFORMERS



SP83LT
8" PA SPEAKER WITH LINE X'FORMER

3 watt public address fullrange speaker with a 70/100 volt line transformer.

SPECIFICATIONS:

Speaker: 8" twin cone
Impedance: 1k/2k/4k/8k/16k ohms
70 Volt Tappings: 0.31/0.62/1.25/2.5 & 5 watt
100 Volt Tappings: 0.62/1.25/2.5 & 5 watt
Power RMS: 3 watts
Freq. Response: 80Hz-18kHz
Sensitivity: 93dB
Magnet Weight: 3 ounce
Transformer: Arista model "LMT1"

\$26.95

SLEEVE



SP85LT
8" PA SPEAKER WITH LINE X'FORMER

6 watt public address fullrange speaker with a 70/100 volt line transformer.

SPECIFICATIONS:

Speaker: 8" twin cone
Impedance: 1k/2k/4k/8k/16k ohms
70 Volt Tappings: 0.31/0.62/1.25/2.5 & 5 watt
100 Volt Tappings: 0.62/1.25/2.5 & 5 watt
Power RMS: 6 watts
Freq. Response: 75Hz-18kHz
Sensitivity: 93dB
Magnet Weight: 5.3 ounce
Transformer: Arista model "LMT1"

\$32.95

SLEEVE



SP55G
5" PA SPEAKER WITH LINE X'FORMER & METAL GRILLE

6 watt public address fullrange speaker with a 70/100 volt line transformer. Complete with 8" white metal grille with predrilled mounting holes.

SPECIFICATIONS:

Speaker: 5" twin cone
Impedance: 1k/2k/4k/8k/16k ohms
70 Volt Tappings: 0.31/0.62/1.25/2.5 & 5 watt
100 Volt Tappings: 0.62/1.25/2.5 & 5 watt
Power RMS: 10 watts
Freq. Response: 75Hz-18kHz
Sensitivity: 93dB
Magnet Weight: 5.3 ounce
Transformer: Arista model "LMT1"

\$36.95

SLEEVE



SP83G
8" PA SPEAKER WITH LINE X'FORMER & METAL GRILLE

3 watt public address fullrange speaker with a 70/100 volt line transformer and white metal grille with self fitting spring mounting clips. Grille centre is also removable for servicing.

SPECIFICATIONS:

Speaker: 8" twin cone
Impedance: 1k/2k/4k/8k/16k ohms
70 Volt Tappings: 0.31/0.62/1.25/2.5 & 5 watt
100 Volt Tappings: 0.62/1.25/2.5 & 5 watt
Power RMS: 3 watts
Freq. Response: 80Hz-18kHz
Sensitivity: 93dB
Magnet Weight: 3 ounce
Transformer: Arista model "LMT1"

\$64.95

SLEEVE

SPEAKER GRILLES



CSG1 (WAS SPG1)
8" SPEAKER GRILLE
Suits 8" (200mm) speakers.
•White plastic frame
•White plastic grille

\$3.95



CSG2 (WAS SPG2)
8" SPEAKER GRILLE
Suits 8" (200mm) speakers.
•White plastic frame
•White mesh grille

\$6.95



CSG3 (WAS SPG3)
6" SPEAKER GRILLE
Suits 6" (150mm) speakers.
•Silver plastic frame
•Black mesh grille

\$2.95



CSG4 (WAS SPG4)
4" SPEAKER GRILLE
Suits 4" (100mm) speakers.
•Silver plastic frame
•Black mesh grille

\$4.95

SPEAKER BAFFLES WITH MOUNTED SPEAKERS

WSB525

PAIR/BOX

5.25" TWO WAY FLUSH WALL MOUNT SPEAKER SYSTEM

The WSB525 is a modern two way speaker system not only designed to produce digital and other Hi Fi recordings accurately, but can be stylishly blended into wall decor. The WSB525 is a compact, weather and moisture resistant wall speaker system with a 5.25" polypropylene woofer and 1" mylar tweeter with high pass filter capacitor to protect the tweeter from unwanted low frequencies. Finished in a modern white baffle with a removable white metal grille ideally suited to most interiors. The system is also supplied with an easy to mount frame designed for mounting the speaker baffle to most types of walls including gyprock and wood panelling. Ideal for any situation where Hi Fi quality audio is required, especially where floor space is at a minimum in the home, office, restaurant, boat or caravan.

•Sold in pairs.

SPECIFICATIONS:

Speaker: Woofer: 5.25" polycarbonate cone with high temperature voice coil and 10 ounce magnet.
Tweeter: 1" polyimide dome tweeter with high temperature voice coil.

Impedance: 4 ohm

Power RMS: 25 watts (50 watts max)

Freq. Response: 60Hz-21kHz

Sensitivity: 90dB at 1W/m

Dimensions: 279 x 191 x 70mm

\$199.95

NEW



WSB650

PAIR/BOX

6.5" TWO WAY FLUSH WALL MOUNT SPEAKER SYSTEM

The WSB650, the second in the series, is a modern two way speaker system not only designed to produce digital and other Hi Fi recordings accurately, but can be blended into wall decor. The WSB650 is weather and moisture resistant and comes with a specially designed 6" polypropylene woofer with a linear long throw foam edge surround and high temperature 1" soft dome tweeter. Unique to this particular wall speaker baffle system is its ability to automatically detect when the system is being overdriven. If this situation arises, electrical current is restricted between the amplifier, crossover and tweeter preventing damage. The polyswitch circuit that controls this function will automatically re-engage once the volume is turned down to an acceptable level. Finished in a modern white baffle with a removable white metal grille ideally suited to most interiors. The system is also supplied with an easy to mount frame designed for mounting the speaker baffle to most types of walls including gyprock and wood panelling. Ideal for any situation where Hi Fi quality audio is required, especially where floor space is at a minimum in the home, office, restaurant, boat or caravan.

•Sold in pairs

SPECIFICATIONS:

Speaker: Woofer: 6.5" poly carbonate cone with high temperature voice coil and 10 ounce magnet.
Tweeter: 1" polyimide dome tweeter with high temperature voice coil.

Impedance: 4 ohm

Power RMS: 30 watts (60 watts max)

Freq. Response: 55Hz-22kHz

Sensitivity: 90dB at 1W/m

Dimensions: 307 x 219 x 84mm

\$279.95

NEW



SPEAKERS - COLUMN / OUTDOOR / CABINET MOUNTED

SP35LT BOX
3 WAY COLUMN SPEAKER

20 watt indoor column speaker with a 70/100 volt line transformer.

- Contains 3 x 5" speakers.
- Extruded aluminium cabinet
- Metal grille
- Heavy duty wall mounting brackets

SPECIFICATIONS:

Speaker: 3 x 5" fullrange
70 Volt Tappings: 2.5/5/10 watt
100 Volt Tappings: 5/10/20 watt
Power RMS: 20 watts
Freq. Response: 22Hz-18kHz
Sensitivity: 110dB
Dimensions: 450 x 138 x 60mm

\$269.95**SP45LT BOX**
4 WAY COLUMN SPEAKER

40 watt indoor column speaker with a 70/100 volt line transformer.

- Contains four 5" speaker.
- Extruded aluminium cabinet
- Metal grille
- Heavy duty wall mounting brackets

SPECIFICATIONS:

Speaker: 4 x 5" fullrange
70 Volt Tappings: 2.5/5/10/20 watt
100 Volt Tappings: 5/10/20/40 watt
Power RMS: 40 watts
Freq. Response: 20Hz-20kHz
Sensitivity: 115dB
Dimensions: 600 x 138 x 60mm

\$299.95**SP60LT BOX**
WEATHERPROOF OUTDOOR HI FI SPEAKER

Provides Hi Fi sound to the swimming pool, patio, tennis court and garden areas. 100 volt line transformer for public address use or can be used as an 8 ohm speaker with Hi Fi systems.

- Cream waterproof beige high impact plastic case with black grille.
- Heavy duty wall mounting bracket.

SPECIFICATIONS:

Speaker: 6.5" fullrange
100 Volt Tappings: off/2/4/8/15 watt
Power RMS: 25 watts
Freq. Response: 20Hz-20kHz
Sensitivity: 115dB
Magnet Weight: 8 ounce
Dimensions: 367x175mm

\$119.95**SP1 BOX**
8 OHM EXTENSION SPEAKER

Indoor extension speaker mounted in an angled walnut grain cabinet with a brown cloth grille and volume control.

SPECIFICATIONS:

Speaker: 5" fullrange
Impedance: 8 ohms
Power RMS: 3 watts (5 watts max)
Magnet Weight: 3 ounce
Dimensions: 245x150x65mm

\$49.95**SP2 BOX**
EXTENSION SPEAKER WITH LINE TRANSFORMER

Complete with a 100 volt line transformer mounted in a slimline walnut cabinet with a brown cloth grille and 6 position attenuator volume control.

SPECIFICATIONS:

Speaker: 6" twin cone
Impedance: 1k,2k,4k,8k,16k Ω
100 Volt Tappings: 5,2.5,1.25,0.62 watts
Power RMS: 5 watts
Magnet Weight: 3 ounce
Dimensions: 230x190mm

\$69.95**SP3 BOX**
EXTENSION SPEAKER WITH LINE TRANSFORMER

Complete with a 100 volt line transformer mounted in a sloping slimline walnut cabinet with brown cloth grille. Volume control is positioned on the bottom of the cabinet for easy access when mounted on the wall.

SPECIFICATIONS:

Speaker: 8" twin cone
Impedance: 500,1k,2k,4k,8k Ω
100 Volt Tappings: 10,5,2.5,1.25W
Power RMS: 10 watt
Magnet Weight: 5.3 ounce
Dimensions: 280x280mm
Top: 130mm
Bottom: 75mm

\$99.95

LINE TRANSFORMERS / MEGAPHONE / MICROPHONE / AMPLIFIERS

**SPEAKER LINE TRANSFORMERS**

D.B.

- Grain oriented with metal cores.
- Solder terminal output tappings.
- Mounting brackets with screw holes.

LMT1	\$8.95	LMT2	\$10.95	LMT4	\$15.95
100V	70V	100V	70V	100V	70V
1k: 5W	5W	500: 10W	10W	250: 20W	20W
2k: 2.5W	2.5W	1k: 5W	5W	500: 10W	10W
4k: 1.25W	0.62W	2k: 2.5W	2.5W	1k: 5W	5W
8k: 0.62W	0.31W	4k: 1.25W	1.25W	2k: 5W	2.5W
		8k: 0.62W	0.62W	4k: 2.5W	1.25W

**STEP-UP MATCHING TRANSFORMERS**

D.B.

LMT10	20 WATTS RMS	\$19.95
LMT11	35 WATTS RMS	\$22.95
LMT12	50 WATTS RMS	\$24.95

Ideal for very long speaker cable runs as it turns your home amplifier into a public address amplifier. This allows Hi Fi quality music to be piped through to your swimming pool, garden, patio etc. They can also be used for office and warehouse installations where Hi Fi stereo systems are preferred to public address amplifiers.

- Converts 8 ohm speaker outputs into 70/100 volt line inputs.
- 70/100 volt line transformers can be used with home Hi Fi systems.

**LMT7**

D.B.

100 VOLT LINE VOLUME CONTROL-20 WATT RMS

This transformer is mounted behind a 70x113mm aluminium wallplate and allows individual volume control of 100 volt PA speakers.

- High efficiency transformer.
- Full/half/quarter power inputs.
- 11 position attenuating switch.

\$34.95**LMT8**

D.B.

100 VOLT LINE VOLUME CONTROL-35 WATT RMS

This transformer is mounted behind a 115x115mm aluminium wallplate and allows individual volume control of 100 volt PA speakers.

- High efficiency transformer.
- Full/half/quarter power inputs.
- 11 position attenuating switch.

\$39.95**GT10****HAND HELD MEGAPHONE**

BOX

Powerful but lightweight voice amplifying megaphone with built in attention getting siren.

SPECIFICATIONS:

Power output:	10/16 watts maximum	Effective Distance:	250 metres
Power Source:	6 x UM2 "C" batteries	Power Duration:	6 hours
Weight:	1.3kgs		

\$189.95**DM780**

D.B.

PROFESSIONAL BASE STATION MIC

Heavy duty low impedance microphone with talk and lock down switch. The unit is finished in matt black. The microphone is protected by a black mesh grille and is supported by a 250mm long fully adjustable gooseneck. The unit also has a priority paging circuit which overrides any existing background music.

SPECIFICATIONS:

Type:	Unidirectional
Impedance:	600 ohm @ 1kHz
Freq. Response:	150Hz - 10kHz
Sensitivity:	-72dB +3dB
Dimensions:	150x110x45mm
Weight:	930 grams

\$114.95

PAE12

PAE15

PUBLIC ADDRESS AMPLIFIERS

D.B.

Compact sized public address amplifiers each with 1 x microphone and 1 x auxilliary input with individual volume controls. Both come with brackets for easy underdash mounting. The PAE15 is both AC & DC operated and the PAE 12 is DC operated only.

PAE12 12 WATT

This is DC operated only and has a fog and siren which makes it ideal for vehicles or boats.

SPECIFICATIONS:

Input Imped.:	Mic:20-20k/Aux:10k ohm
Input Level:	Mic:3.5mV/Aux:85mV
Power Output:	12WRMS-8 ohms
Power:	12 volts DC-3 amps
Dimensions:	150 x 140 x 40mm
Weight:	0.7kgs
Accessories:	Bracket/wire harness

\$109.95**PAE15 15 WATT**

This is AC and DC operated with both a siren and chime which makes it ideal for squash courts, restaurants etc..

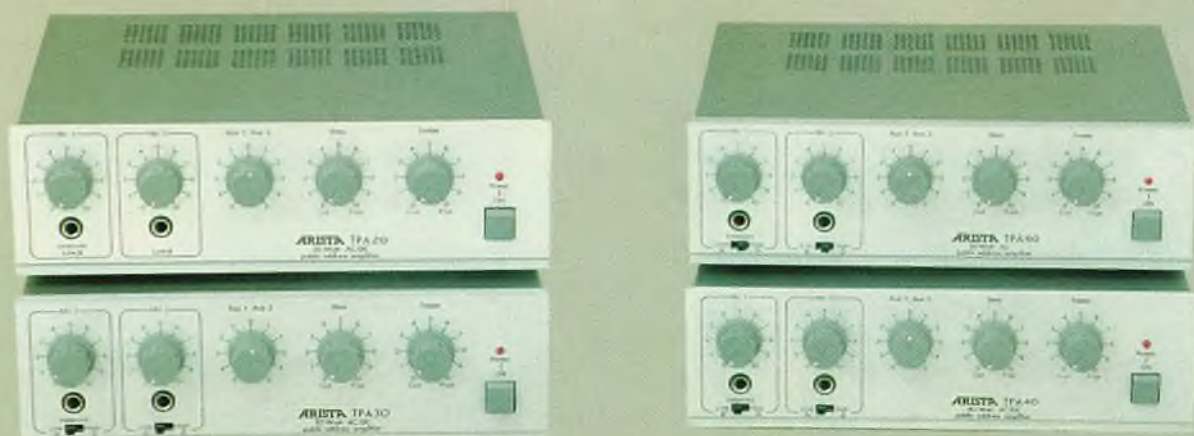
SPECIFICATIONS:

Input Imped.:	Mic:200-50k/Aux:10k ohm
Input Level:	Mic:2.5mV/Aux:125mV
Power Output:	15WRMS-8 ohms
Power:	12 volts DC/240 volts AC-50Hz
Dimensions:	150 x 140 x 60mm
Weight:	1.5kgs
Accessories:	Bracket/wire harness

\$164.95

PUBLIC ADDRESS AMPLIFIERS

Series of public address amplifiers designed to be used either as stand alone units or with external tuners, cassette decks and booster amplifiers. Each has two auxiliary inputs for standard cassette players or tuners and two microphone inputs. One of these microphone inputs also has priority paging which automatically fades out all other background music through the system when the microphone is turned on. Ideal for paging etc. The audio signal can also be varied with bass and treble controls. Complete systems can be designed around these amplifiers as they are fully compatible with the series of cassette and tuners modules shown on page 82 of this catalogue. Outputs include standard low impedance speaker outputs, 70 and 100 volt line outputs and two auxiliary outputs for connecting up to Arista 120 watt booster amplifier model "BA120" on page 83 of this catalogue.



Specifications general to all four amplifiers:

INPUTS:

- Microphone One: Low impedance balanced.
600 ohm/0.5mV/6.35mm phone socket.
- Microphone Two: Low impedance unbalanced.
600 ohm/0.5mV/6.35mm phone socket
- Auxiliary One: 100k ohm/200mV/RCA socket.
- Auxiliary Two: 100k ohm/200mV/RCA socket.

CONTROLS:

Volume:

Bass and Treble:

Miscellaneous:

SPECIFICATIONS:

T.H.D.:

Frequency Resp.:

Protections:

Dimensions:

- Microphone one & two, auxiliary one & two.
Bass-10dB @ 100Hz, Treble-10dB @ 10kHz.
Power switch/AC-DC switch/Line voltage switch.

- Less than 3% @ 1kHz @ 240V AC.
50Hz-15kHz (+/-4dB).
AC and DC inputs are fuse protected.
270(W) x 225(D) x 88(H)mm.

TPA20 BOX
20 WATT RMS AMPLIFIER

OUTPUTS:

- Speaker Output: 4 ohm (8.9 volt)
Speaker Output: 8 ohm (12.6 volt)
Speaker Output: 16 ohm (17.9 volt)
Line Output: 70 volt (245 ohm)
Line Output: 100 volt (500 ohm)
Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL

- Power Supply: 240VAC or 13.8 VDC.
Weight: 3.4kgs.

\$299.95
TPA30 BOX
30 WATT RMS AMPLIFIER

OUTPUTS:

- Speaker Output: 4 ohm (10.9 volt)
Speaker Output: 8 ohm (15.5 volt)
Speaker Output: 16 ohm (21.9 volt)
Line Output: 70 volt (163 ohm)
Line Output: 100 volt (330 ohm)
Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL

- Power Supply: 240VAC or 13.8 VDC.
Weight: 3.82kgs.

\$349.95
TPA40 BOX
40 WATT RMS AMPLIFIER

OUTPUTS:

- Speaker Output: 4 ohm (12.6 volt)
Speaker Output: 8 ohm (17.9 volt)
Speaker Output: 16 ohm (25.3 volt)
Line Output: 70 volt (123 ohm)
Line Output: 100 volt (250 ohm)
Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL

- Power Supply: 240VAC or 13.8 VDC.
Weight: 4.3kgs.

\$399.95
TPA50 BOX
50 WATT RMS AMPLIFIER (AC ONLY)

OUTPUTS:

- Speaker Output: 4 ohm (14.2 volt)
Speaker Output: 8 ohm (20.0 volt)
Speaker Output: 16 ohm (28.3 volt)
Line Output: 70 volt (100 ohm)
Line Output: 100 volt (200 ohm)
Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL

- Power Supply: 240VAC only.
Weight: 4.51kgs.

\$399.95

PUBLIC ADDRESS AMPLIFIERS

The PA300C and PA300T public address amplifiers are both 30 watt RMS with either a built in cassette or tuner module. Ideal for Public Address installations where both microphone and background music amplification is required. Designed to be freestanding they have an auxilliary input for an external cassette player or tuner and two microphone inputs. One of the microphone inputs on these units have priority paging which automatically fades out all other background music through the system when the microphone is turned on. Ideal for paging etc. The audio signal can also be varied with bass and treble controls. Outputs include standard low impedance speaker outputs, 70 and 100 volt line outputs and two auxilliary outputs for connecting up to Arista 120 watt booster amplifier model "BA120" on page 83 of this catalogue.

**PA100C****AUTO REVERSE CASSETTE MODULE**

A reliable top quality Japanese auto reverse cassette mechanism is equipped with fast forward, rewind, play, eject and direction change (program) controls as well as LED cassette tape direction indicators. Fitted into a compact freestanding cabinet designed for connection to any of the amplifiers shown on pages 81 or 83 of this catalogue.

\$399.95**BOX****PA200C****DUAL AUTO REVERSE CASSETTE DECK**

Fitted with two high quality Japanese cassette mechanisms, this system allows continuous play of a single cassette or automatic changeover from one cassette tape to another after each side has been played through. Outputs are designed for connection to any of the amplifiers shown on pages 81 or 83 of this catalogue.

\$879.95**BOX****PA300C****30 WATT AMPLIFIER WITH CASSETTE MODULE**

An ideal background music system for hotels, clubs, restaurants or shops. Reliable top quality Japanese auto reverse cassette mechanism is equipped with fast forward, rewind, play, eject and direction change (program) controls as well as LED cassette tape direction indicators. The amplifier section is 30 watt RMS.

\$699.95**BOX****Specifications for PA300C and PA300T****INPUTS:**

- Microphone One:** Switchable low or high impedance unbalanced, 600 or 50k ohm/0.5mV/6.35mm phone socket.
- Microphone Two:** Switchable low or high impedance unbalanced, 600 or 50k ohm/0.5mV/6.35mm phone socket.
- Auxiliary One:** 100k ohm/200mV/RCA socket.

OUTPUTS:

- Speaker Output:** 4 ohm (10.9 volt)
- Speaker Output:** 8 ohm (15.5 volt)
- Speaker Output:** 16 ohm (21.9 volt)
- Line Output:** 70 volt (163 ohm)
- Line Output:** 100 volt (330 ohm)
- Auxiliary One:** 600 ohm/1 volt (0dB)/RCA socket
- Auxiliary Two:** 600 ohm/1 volt (0dB)/RCA socket

**PAT6****SIX STATION AM/FM TUNER**

Six station AM/FM tuner module built into a compact freestanding cabinet with outputs designed for connection to any of the amplifiers shown on pages 81 or 83 of this catalogue. This unit can be preset to the required station and reselected with the push of a button. Large red LED display shows the selected station.

\$379.95**BOX****PACT2****AUTO REVERSE CASSETTE DECK WITH TUNER**

A versatile unit fitted with both an auto reverse Japanese cassette module and 6 station AM/FM tuner. Ideal for the best of both worlds when it comes to public address background music. Outputs are designed for connection to any of the amplifiers shown on pages 81 or 83 of this catalogue.

\$699.95**BOX****PA300T****30 WATT AMPLIFIER WITH TUNER MODULE**

Fitted with a 6 station AM/FM tuner module which can be preset to the required station and reselected with the push of a button. Large red LED display shows what station the tuner is currently tuned to. The amplifier section is 30 watt RMS.

\$629.95**BOX****CONTROLS:**

- Volume:** Microphone one & two, auxilliary one & two.
- Bass and Treble:** Bass-10dB @ 100Hz, Treble-10dB @ 10kHz.
- Tuner:** AM/FM/6 station buttons and tuning controls
- Miscellaneous:** Power/AC-DC switch/Line voltage switch.

SPECIFICATIONS:

- T.H.D.:** Less than 3% @ 1kHz @ 240V AC.
- Frequency Resp.:** 50Hz-15kHz (+/-4dB).
- Protections:** AC-0.5 amp fuse/DC-6.3 amp fuse.
- Power Supply:** 240VAC or 12 VDC.
- Dimensions:** 420(W) x 258(D) x 86(H)mm.
- Weight:** 4.0kgs.

PUBLIC ADDRESS AMPLIFIERS

Both these high power public address amplifiers have five microphone inputs (three of which are switchable to a magnetic turntable) and two auxiliary line inputs. Two of the microphone inputs are balanced and accept industry standard 3 pin Cannon plugs. The other three microphone inputs are unbalanced 6.35mm phone sockets designed for standard low impedance dynamic or electret microphones. Other features include bass, treble and master volume controls, a muting (RCA socket) input which overrides all other inputs and silences them for paging. Industry standard speaker outputs are also used and these include 4, 8 or 16 ohm and 70 or 100 volt line. Both these amplifiers are 240 volt AC operated only and are designed as stand alone units or can be easily connected to any of the cassette, tuner or booster amplifiers on pages 81, 82 and 83 of this catalogue.



Specifications for TPA60 AND TPA120:

INPUTS:

- Microphone One: Low impedance balanced.
600 ohm/0.5mV/3 pin Cannon socket.
- Microphone Two: Low impedance balanced.
600 ohm/0.5mV/3 pin Cannon socket.
- Microphone Three: Low impedance unbalanced.
600 ohm/0.5mV/6.35mm phone socket.
- Microphone Four: Low impedance unbalanced.
600 ohm/0.5mV/6.35mm phone socket.
- Microphone Five: Low impedance unbalanced.
600 ohm/0.5mV/6.35mm phone socket.
- Auxiliary One: 47k ohm/100mV/RCA socket.
- Auxiliary Two: 47k ohm/100mV/RCA socket.
- Turntable-Magnetic: 50k ohm/2.5mV/RCA socket.
- Muting Socket: RCA socket.

CONTROLS:

- Volume: Microphone, auxiliary, turntable inputs.
- Bass and Treble: Bass-10dB @ 100Hz, Treble-10dB @ 10kHz.
- Miscellaneous: Power On-Off switch/Line voltage switch.
- Indicators: Power On-Off LED/Overload LED.

SPECIFICATIONS:

- T.H.D.: Less than 3% @ 1kHz @ 240V AC.
- Frequency Resp: 50Hz-15kHz (+/-4dB).
- Protections: AC fuse.
- Power Supply: 240VAC.
- Dimensions: 430(W) x 310(D) x 100(H)mm.

TPA60 BOX
60 WATT HIGH POWER AMPLIFIER

OUTPUTS:

- Speaker Output: 4 ohm
- Speaker Output: 8 ohm
- Speaker Output: 16 ohm
- Line Output: 70 volt (83 ohm)
- Line Output: 100 volt (167 ohm)
- Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
- Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL:

- Weight: 8.1kgs.

\$699.95
BA120 BOX
120 WATT HIGH POWER BOOSTER AMPLIFIER

This amplifier is designed to be connected to any of the cassette players, tuners or amplifiers on pages 81, 82 and 83 of this catalogue. It is ideal for situations where a system has already been established and warehouse or office extensions require a larger area to be covered by the public address network. This booster allows additional speakers to be added to the current system without having to completely change or rewire the existing installation. Master volume control attenuates the output volume of all connected outputs. This allows individual zones to be preset. All other volume, bass and treble functions are carried over and controlled by the original master amplifier. Industry standard speaker outputs are also used and these include 4, 8 or 16 ohm and 70 or 100 volt line. This unit also has an auxiliary output for connecting to an additional booster amplifier if required.

INPUTS:

- Auxiliary One: 50k ohm/1V/RCA socket.

OUTPUTS:

- Speaker Output: 4 ohm
- Speaker Output: 8 ohm
- Speaker Output: 16 ohm
- Line Output: 70 volt (41 ohm)
- Line Output: 100 volt (83 ohm)
- Auxiliary One: 50k ohm/1 volt (0dB)/RCA socket
- Auxiliary Two: 50k ohm/1 volt (0dB)/RCA socket

\$599.95
TPA120 BOX
120 WATT HIGH POWER AMPLIFIER

OUTPUTS:

- Speaker Output: 4 ohm
- Speaker Output: 8 ohm
- Speaker Output: 16 ohm
- Line Output: 70 volt (41 ohm)
- Line Output: 100 volt (83 ohm)
- Auxiliary One: 600 ohm/1 volt (0dB)/RCA socket
- Auxiliary Two: 600 ohm/1 volt (0dB)/RCA socket

GENERAL:

- Weight: 10.3kgs.

\$799.95

BOX

PIEZO ALARM BUZZERS

AB1 S.B.P.
PIEZO ALARM BUZZER

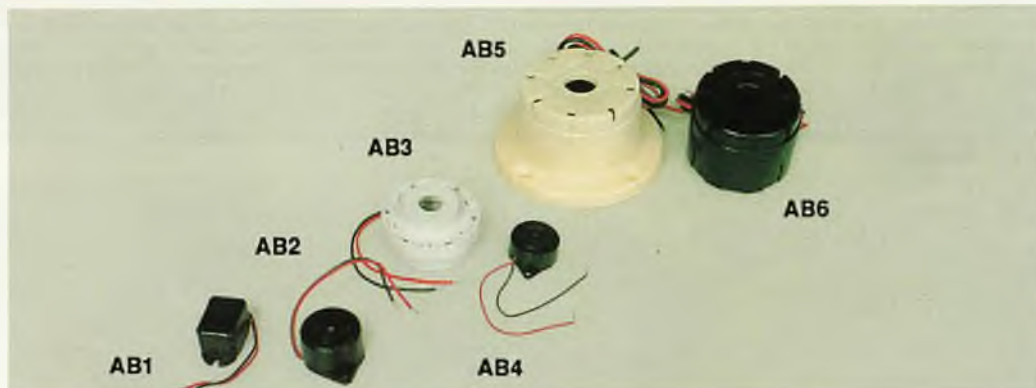
Ideal for projects and kits.
•Output level: 72dB @ 1m
•Voltage: 4-15VDC
•Frequency: 450Hz
•Reverse polarity protected
•Colour: Black

\$4.95**AB2 S.B.P.**
PIEZO ALARM BUZZER

Ideal for projects and kits.
•Output level: 79dB @ 1m
•Voltage: 12VDC
•Frequency: 450Hz
•Reverse polarity protected
•Colour: Black

\$4.95**AB3 S.B.P.**
PIEZO ALARM BUZZER

Ideal for alarm applications.
•Loud ear piercing tone
•Output level: 90dB @ 1m
•Voltage: 5-15VDC
•Colour: White

\$8.45**AB4 S.B.P.**
PIEZO ALARM BUZZER

Low current miniature buzzer
•Output level: 70dB @ 1m
•Voltage: 12VDC/Current: 4mA
•Size: 22(dia) x 11.5mm
•Colour: Black

\$3.95**AB5 S.B.P.**
PIEZO ALARM BUZZER

Dual tone wall or ceiling mounted.
•Output level: 105dB @ 1m
•Voltage: 12VDC/Current: 350mA
•Size: 86(dia) x 45mm
•Colour: Cream

\$22.95**AB6 S.B.P.**
PIEZO ALARM BUZZER

Dual tone with metal bracket
•Output level: 110dB @ 1m
•Voltage: 12VDC
•Size: 50(dia) x 42mm
•Colour: Black

\$15.95

SIRENS - SELF DRIVEN

MES5 D.B.
DUAL TONE PIEZO SIREN

Ideal for installations inside cars, trucks vans as well as the home or office.
•High impact plastic cabinet with bracket
•Output level: 115dB @ 1m-dual tone
•Voltage: 12VDC
•Current: 500mA
•Size: 108 x 76 x 69mm
•Colour: Black

\$29.95**MES3 D.B.**
DUAL TONE MICRO PIEZO SIREN

This unit has a very small and compact cabinet which makes it ideal for car alarms, alarm panels and kits.
•Output level: 110dB @ 1m-dual tone
•Voltage: 12VDC / Current: 150mA
•Size: 39 x 43 x 59mm
•Colour: White

\$22.95**SPH3 D.B.**
WEATHERPROOF REFLEX SIREN

Ideal for installations inside cars, trucks vans as well as the home or office.
•High impact plastic cabinet with bracket
•Output level: 105dB @ 1m-dual tone
•Voltage: 12VDC
•Current: 600mA
•Size: 87 x 105mm
•Colour: Black

\$24.95**MES4 D.B.**
DUAL TONE INDOOR PIEZO SIREN

Contains four piezo units mounted in a neat flat square cabinet designed for interior mounting on the wall or ceiling.
•High impact cabinet with mounting holes.
•Output level: 115dB @ 1m-dual tone
•Voltage: 12VDC / Current: 200mA
•Size: 105 x 85 x 45mm
•Colour: White

\$26.95

SPEAKER HORNS - 8 OHM

**SPH2 D.B.**
SECURITY SPEAKER HORN - 10 WATT

High impact plastic speaker horn designed for use with most alarm and security panels. Complete with wall or ceiling mounting bracket. Heavy bass tone ensures audible signal travels long distances.

Impedance: 8 ohms
Freq. Response: 700Hz - 6kHz
Power RMS: 10 watts
Colour: White
Size: 140mm (5.5")

\$16.95**SCC5 D.B.**
SECURITY HORN / STROBE / METAL CABINET KIT

Ideal kit supplies and protects output devices connected to any alarm or security system. Supplied is a high impact 120dB security siren with metal, wall mounting, protective cover with anti tamper micro switch. Also included is a compact 12 volt DC blue flashing strobe which mounts directly on top of the metal cover.

SIREN:	STROBE:	COVER:
Impedance: 8 ohms	Voltage: 12VDC	Protection: N/O tamper switch
Freq. Resp: 700Hz - 6kHz	Current: 150mA	Colour: Grey
Power RMS: 10 watts	Colour: Blue lens	Size: 185(D)x160(W)x190(H)
Colour: Black		
Size: 140mm (5.5")		

\$99.95

MAGNETIC REED / BARREL / TAMPER / VIBRATION SWITCHES / STROBES

MRS1.W NEW S.B.P. MAGNETIC REED SWITCH

Normally open or closed.
 •Screw or self adhesive mounting.
 •Supplied with double sided tape.
 •Magnet and reed supplied.
 •Colour: White

\$7.95**MRS1.BR S.B.P. MAGNETIC REED SWITCH**

Normally open or closed.
 •Screw or self adhesive mounting.
 •Supplied with double sided tape.
 •Magnet and reed supplied.
 •Colour: Brown

\$7.95**MRS3 S.B.P. CONCEALED REED SWITCH**

Normally closed concealed switch mounts in window or door frame.
 •Simply drill hole and insert.
 •280mm wire leads
 •Magnet and reed supplied.

\$6.95**MRS4 S.B.P. MAGNETIC REED SWITCH**

Normally closed high quality.
 •Surface or concealed mount.
 •Screw or self adhesive mounting.
 •Magnet and reed supplied.
 •Colour: White

\$15.95**BKS1 S.B.P. BARREL KEY SWITCH**

Two position on/off switch
 •Single sided keys
 •Single pole
 •Supplied with two keys
 •Rated at 3 amps

\$10.95**BKS2 S.B.P. BARREL KEY SWITCH**

Two position on/off switch
 •Round high security keys
 •Single pole
 •Supplied with two keys
 •Rated at 2 amps

\$8.95**BKS3 S.B.P. BARREL KEY SWITCH**

High security two position on/off switch with four circuits
 •Double sided keys
 •Four pole
 •Supplied with two keys
 •Rated at 1 amp

\$14.95**BKS4 S.B.P. BARREL KEY SWITCH**

High security two position on/off switch with tamper.
 •Double sided keys
 •Double changeover
 •Supplied with two keys
 •Rated at 2.5 amps

\$11.95**BKS5 S.B.P. PHONE KEY SWITCH**

Prevents outgoing calls and allows incoming calls.
 •Single sided keys
 •Single pole/two position
 •Supplied with two keys
 •Rated at 3 amps

\$9.95**BKS6 S.B.P. BARREL CAM SWITCH**

Locks cabinets, alarm panels, power boxes etc.
 •Rounded keys.
 •Stainless steel capped.
 •Cam 38mm from pivot centre
 •Supplied with two keys.

\$7.95**ACS1 S.B.P. CONTACT SWITCH**

Protects doors and windows.
 •N/C with button depressed.
 •Easily concealed.
 •Screw mounting holes.
 •Colour: Black.

\$2.95**ATS1 S.B.P. ANTI TAMPER SWITCH**

Protects siren cabinets, panels and cupboards etc.
 •N/C with button depressed.
 •Right angled mounting bracket.
 •Colour: Grey

\$5.95**VDS1 S.B.P. VIBRATION DETECTOR**

Detects slight vibrations or movements for car alarms etc.
 •Adjustable from 5-50 grams
 •Anti tamper circuit
 •Rated at 100mA at 50VDC

\$10.95**VDS2 S.B.P. GLASS BREAK/VIBRATION SENSOR**

Detects vibrations from breaking glass in house, office, car or shop windows.
 •Adjustable sensitivity.
 •Adhesive backing for mounting on windows.
 •Must be at least 80mm from edge.

\$7.95**STROBE WARNING LIGHTS**

WL3.BU BLUE
WL3.O ORANGE
WL3.R RED

Xenon strobe flash with screw mounting base. Useful for mounting on or next to alarm sirens etc for added security. •Wire connections are made through the base so all wires are hidden.
 •Flash rate: 120 per minute. •Operating voltage: 12VDC.
 •Current draw: 150mA •Dimensions: 90 (dia) x 105(H)mm

\$37.95**BOX.****ROTATING WARNING LIGHTS**

WL5.BU BLUE
WL5.O ORANGE

Motor driven rotating reflecting mirror with large water proof lens ensures this will be seen in emergency or alarm situations. Wire connections are made through the base so all wires are hidden.
 •Rotates 150 times per minute. •Shock absorbing rubber mount legs.
 •Operating voltage: 12VDC. •Current draw: 750mA
 •Dimensions: 102(dia) x 140(H)mm

\$49.95**BOX.**

PASSIVE INFRARED DETECTORS



BOX

These dual element passive infra red detectors are a very reliable way to ensure security and protection when used in conjunction with an alarm panel. They detect rapid changes in temperature which is emitted by an intruder. They are in a compact beige coloured cabinet designed for either wall or corner mounting.

- Normally closed relay, tamper outputs and LED walk indicator.
- Operating voltage: 10-16VDC • Current draw: 20mA

PIR12

Protects normal sized rooms.
• Covers an area 12m x 12m

\$69.95

PIR25

Protects corridors & hallways.
• Covers an area 25m x 3m

\$69.95

SMOKE ALARM / DETECTOR



PSD2

BOX

PHOTO ELECTRIC SMOKE DETECTOR

Designed to be used as a stand alone unit or in conjunction with an alarm or security system.

- Does not use radio active substances and is triggered by visible smoke itself rather than heat to avoid false alarms.
- Piezo siren sounds when smoke is detected as well as triggering the alarm system if connected.
- Operates from 12VDC supply from alarm or internal 9 volt battery.
- Audible low battery indicator.
- Dimensions: 168mm (dia) and 42mm high.

\$64.95

OUTDOOR PASSIVE INFRARED LIGHT SWITCHER



PIR2

D.B.

PASSIVE INFRARED DETECTOR FLOODLIGHT CONTROL

Passive infrared detection system automatically turns on outdoor spot or floodlights whenever body heat, car heat etc is detected. This makes this unit ideal for patios, walkways or driveways to light your way as you walk or drive past. It also acts as a deterrent for would be prowlers. An inbuilt timing function automatically turns the lights off after a predetermined time after each detection. Designed for outdoor use the unit comes complete with a wallplate that supports both the sensor and two standard spot or flood lights.

- Detecting range: Up to 40 feet by 56 feet.
- Rating: Handles up to 500 watts of incandescent lighting.
- Variable "light up" time between 3 seconds and 15 minutes
- Optical sensor ensures the lights are only activated at night.
- Power supply: 240 VAC/50Hz.

PASSIVE INFRARED DOOR ENTRY ALARM



PIR90

C.S.B.

SELF CONTAINED PORTABLE PIR ALARM

This dual function passive infra red detector is ideal for both commercial and domestic monitoring. Functions include a "CHIME" circuit which when triggered sets off a pleasant melody for several seconds before resetting. The PIR90 can also be used as a self contained mini "ALARM" system. When an intruder is detected the piezo siren housed inside the cabinet sounds for 30 seconds.

- Detecting range: 10 metres with a 60 degree detection angle.
- Alarm Duration: 30 seconds with auto reset.
- Alarm exit Delay: 10 seconds.
- Alarm Sound: 90dB @ 1'.
- Chime Duration: Approx. 3 seconds with auto reset.
- Power: 9 volt battery Arista model "GP904A"
- Complete with wall mounting adjustable bracket.

\$64.95

INDOOR NIGHT LIGHT SWITCH



NLS2

D.B.

LIGHT SENSOR SWITCH

Designed to automatically switch lights on at night and off during the day which makes them ideal for both domestic and security use. A single unit can be used to control the porch or the driveway. Several can be used together to give the impression the house is occupied.

- Turns lights off at 120 lux & on at 20 lux.
- Waterproof for use under eaves and verandahs.
- Operates on 240VAC/50Hz

\$11.95

DIGITAL REMOTE RELAY SWITCH

CBA12

BOX.

RELAY WITH REMOTE DIGITAL X'MITTER

Versatile remote control relay system that was originally designed to switch car and house alarms on/off but can be used on a wide variety of electrical items and accessories. It has a normally open and closed relay output and the key/transmitter system is user programmable with DIP switches to change the transmitting frequency. Allows several units to be used individually within close proximity to each other and also as a security precaution when alarm systems are being controlled.

- In dash on/off LED indicator.
- Complete with under dash mounting bracket

SPECIFICATIONS:

Transmit Range: 12-15 metres
Relay Output: 5 amp
Receiver Power: 12VDC
X'mitter Power: GP27A battery



LEAD ACID BATTERIES / POWER SUPPLIES

**LEAD ACID BATTERY****BOX**

Lead acid rechargeable batteries designed for use as back up batteries for alarm and security systems etc.

• Blade terminals for connecting to alarm systems and battery chargers.

• 240 volt AC input to 12 volt DC output.

NOTE: These lead acid batteries are not designed for fast charging. They should be standard charged only (10-15 hours) or trickle charged automatically with some alarm or security systems.

LAB12 \$29.95

1.2AH LEAD ACID BATTERY

• Standard charge is 120mA for 10-15 hours.

LAB31 \$39.95

3.1AH LEAD ACID BATTERY

• Standard charge is 310mA for 10-15 hours.

LAB55 \$54.95

5.5AH LEAD ACID BATTERY

• Standard charge is 550mA for 10-15 hours.

BATTERY CHARGERS / POWER SUPPLIES

**LEAD ACID BATTERY CHARGERS****D.B.**

Plug in power pack "trickle" chargers designed for 12 volt lead acid rechargeable batteries.

• Insulated colour coded terminals slide on to battery terminals.

• 240 volt AC input to 12 volt DC output.

NOTE: These are trickle chargers and are designed for charging for 10-15 hours only. They cannot be left connected to the batteries permanently as they will damage both the battery and the charger.

BC120 \$11.95

120MA OUTPUT CHARGER

• Suits 1.2Ah lead acid batteries.

BC300 \$13.95

300MA OUTPUT CHARGER

• Suits 3.0Ah lead acid batteries.

BC450 \$18.95

450MA OUTPUT CHARGER

• Suits 4.5Ah lead acid batteries.

PP9138 13.8 VOLT DC D.B.

800MA POWER PACK

240 Volt AC input 800mA DC output.

• Designed specifically for alarm control panels.

• 1.8 metre cord.

• As this unit is designed to be hardwired into the alarm panel it has bare ends - no plugs supplied.

• Approval No. N/1499

\$34.95



PP1018AC 18 VOLT AC D.B.

1000MA (1 AMP) POWER PACK

240 volt AC input to 18 volt AC output.

• Designed specifically for alarm control panels.

• 3 metre cord.

• As this unit is designed to be hardwired into the alarm panel it has bare ends - no plugs supplied.

• Approval No. N/1499

\$24.95



TWO SECTOR ALARM PANEL

ACP2**D.B.****TWO SECTOR ALARM CONTROL PANEL**

Alarm control panel suitable for residential and commercial use. Complete with instant and delayed zones as well as 24 hour fire and panic circuits make this unit very competitive compared with larger more expensive units.

Four protection circuits:

• One 24 hour fire/panic/N.O. instant circuit.

• One N.C. instant circuit.

• One N.C. delayed circuit.

• One N.O. delayed circuit.

Intelligent siren driver:

• Accepts up to two 10 watt 8 ohm sirens.

Independent relay outputs:

• Timing relay out put and latching relay output.

Auxiliary outputs:

• 12VDC - 5 amp output for passive.

LED warning indicators:

• Exit/armed • Instant circuit status • Delayed circuit status.

• Alarm memory • Low battery indicator • AC power.

Audible status Indicator:

• Exit period • Low battery indication

• Alarm testing mode • Remote keyswitch tamper.

General characteristics:

• 24 hour panic button mounted on case.

• Alarm is switched on/off by keyswitch mounted on front of panel.

• Monitored remote key switch (optional).

• Built in test switch.

• Built in mains/override power switch for servicing etc.

• Operates from 12volt -13.8 volt DC power pack.

Arista PP9138 recommended.

• Allows use of rechargeable or dry cell backup batteries.

• Built in recharging backup battery trickle charge circuit.

• Cabinet lock cam prevents unauthorised entry.

• Dimensions: 230(H) x 170(W) x 70(D)mm.

\$199.95



EIGHT SECTOR ALARM PANEL

ACP8 BOX
FULLY PROGRAMMABLE EIGHT SECTOR
ALARM CONTROL PANEL

This microprocessor controlled alarm control panel is fully user programmable and is designed and manufactured in Australia. It has a total of eight sectors which makes it ideal not only for smaller domestic applications but also large office/warehouse commercial installations. Many of the features are unique to this unit and all are based around a programmable "E-PROM" integrated circuit which makes it extremely reliable.

Features:

- Eight user programmable sectors.
- Four digit master code for all zone and timing programming.
- Four digit auxiliary code for arming and disarming the panel.
- Membrane digit keypad with audible confirming "beep" as each key is depressed.
- Outputs for remote keypads or switches.
- Keypad automatically locks out if incorrect number is entered.
- Adjustable entry/exit delay times.
- Automatically resets and rearms after being triggered for continuous protection.
- Walk detector test facility.
- Alarm memory recall system indicates order of zone violation after an intrusion has been detected.
- False alarms are prevented as the system will not arm if a zone has not been sealed when arming.
- Optional sequential entry delay on zones 1, 2 & 3 sets the alarm off instantly if any delayed zone is violated unless it is in the correct entry order.
- Up to three 24 hour, fire & panic zones may be set up.

Programmable zones:

- All sectors can be individually isolated.
- One or three zones can be used a delayed zones.
- Sequential handover on entry zones if required.
- Unit has both instant and delayed sectors.
- Zone restrict facility allows monitoring of individual zones even when alarm is disarmed.
- All zones have end of line monitoring.

Output facilities:

- Up to two 8 ohm 10 watt speaker horns.
- 12 volt DC siren or strobe output.
- Timing and latching relay outputs.
- Digital dialler compatible with 16 pin "DIP" Interface socket.

Cabinet:

- Heavy duty grey metallic cabinet.
- Cutouts for cable inputs and outputs.
- Tamper switch monitors both removal from wall and opening of cabinet door.
- Plenty of room for backup battery.

LED Indicators:

- Mains 240 volt/50Hz
- Exit/entry delay
- Armed/disarmed.
- Indicates which zones are isolated.
- Indicates which zones have been left unsealed.
- Indicates which zones are restricted.
- Indicates which zones have been violated and in what order.

Cabinet:

- Heavy duty grey metallic cabinet.
- Cutouts for cable inputs and outputs.
- Tamper switch prevents both removal from wall and opening of cabinet door.
- Plenty of room for backup battery.

Power supply:

- 240 volt AC to 18 volt AC 1 amp (Arista model PP1018AC) power pack supplied.

**Designed and Manufactured in Australia
Exclusively for Arista Electronics.**



INDOOR TV BALUN TRANSFORMERS



TV1 S.B.P.
MATCHING BALUN TRANSFORMER

TV balun converts a 300 ohm cable into a 75 ohm coaxial plug.
 •300 ohm screw terminals to 75 ohm coaxial plug.

\$2.45



TV2 S.B.P.
MATCHING BALUN TRANSFORMER

TV balun converts a 75 ohm plug into 300 ohm spade lugs.
 •75 ohm coaxial socket to 300 ohm spade lugs.

\$2.45



TV23 S.B.P.
MINI TV BALUN TRANSFORMER

TV balun converts a 75 ohm PAL plug into a 75 ohm 3.5mm mono phone plug.
 •75 ohm coax PAL socket to a 75 ohm 3.5mm phone plug.

\$2.95

COAXIAL ENTRY BOXES



RZ320 P.B.H.
SKIRTING BOARD 300 OHM SOCKET

Mounts on skirting board as a 300 ohm socket/entry box.
 •300 ohm cable in-300 ohm socket out.
 •Accepts RZ300 & RZ310 300 ohm plugs.
 •Screw mounting.

\$2.95



TV3 S.B.P.
Standard entry box.

Wall / skirting board mount coaxial entry box.
 •75 ohm cable in-75 ohm socket out.
 •Colour: White with mounting hardware

TV3A
 With lightning isolation capacitor - 2KV

\$2.95

\$3.95



TV4 S.B.P.
75 OHM SPLITTER ENTRY BOX

Wall or skirting board mount coaxial entry box with 2 x 75 ohm sockets.
 •75 ohm cable in - 2 x 75 ohm sockets out.
 •With screw mounting hardware.
 •Colour: White.

\$5.95



TV5 S.B.P.
75 OHM SINGLE WALLPLATE

Gyprock mounting coaxial wallplate with a single 75 ohm socket and tap off.
 •75 ohm cable in-75 ohm socket out.
 •Terminals on the back for tap off.
 •Standard size wall plate.
 •With mounting bracket, screws and caps.
 •Colour: White.

\$7.95



TV18 S.B.P.
75 OHM DUAL WALLPLATE

Gyprock mounting coaxial wallplate with two 75 ohm sockets.
 •75 ohm cable in-2 x 75 ohm sockets out.
 •Suitable for tap off.
 •Standard size wall plate.
 •With mounting bracket, screws and caps.
 •Colour: White.

\$6.95



BAND SEPARATORS



TV16 S.B.P.
UHF/VHF BAND SEPARATOR

Inline band separator.
 •75 ohm socket in-1 x 75 ohm plug and 300 ohm spade lugs out.
 •75 ohm plug for VHF.
 •300 ohm spade lugs are for UHF.
 •Colour: White.

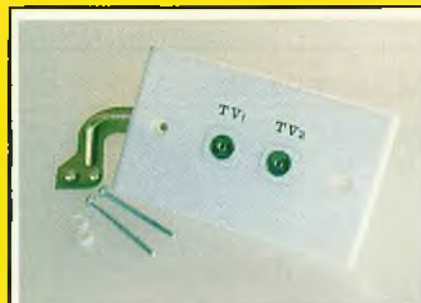
\$8.95



TV13 S.B.P.
UHF/VHF BAND SEPARATOR

Wall or skirting board mount band separator.
 •75 Ohm cable in-2 x 75 ohm sockets out,
 •1 x 75 ohm plug for VHF.
 •1 x 75 ohm plug for UHF.
 •With mounting hardware.
 •Colour: White.

\$5.95



TV17 S.B.P.
TV/FM BAND SEPARATOR

Gyprock mounting wall plate band separator.
 •75 Ohm cable in-2 x 75 ohm sockets out.
 •1 x 75 ohm plug for TV.
 •1 x 75 ohm plug for FM.
 •Standard size wall plate.
 •With mounting bracket, screws and caps.
 •Colour: White.

\$7.95

WALLPLATES AND INSERTS

TV6 S.B.P.
MINI WALL PLATE

Wall mounting mini sized plate with one blank insert hole.

- Suits "TV9, TV10, TV10A and TV11".
- With mounting hardware.
- Colour: White.

\$1.95**TV7 S.B.P.**
STANDARD WALL PLATE

Wall mounting plate with one blank insert hole.

- Suits "TV9, TV10, TV10A & TV11".
- Standard size wall plate.
- With mounting bracket, screws & caps.
- Colour: White.

\$4.45**TV8 S.B.P.**
STANDARD WALL PLATE

Wall mounting plate with two blank insert holes.

- Suits "TV9, TV10, TV10A & TV11".
- Standard size wall plate.
- With mounting bracket, screws & caps.
- Colour: White.

\$4.45**TV9 S.B.P.**
75 OHM INSERT

Snap in 75 ohm coaxial socket.

- Suits "TV6, TV7 & TV8".
- Screw terminating
- Colour: White.

\$2.95**TV10 S.B.P.**
300 OHM INSERT

Snap in 300 ohm socket.

- Accepts 3mm pins "RZ300"
- Suits "TV6, TV7 & TV8".
- Solder or crimp terminating
- Colour: White.

\$1.95**TV10A S.B.P.**
300 OHM INSERT

Snap in 300 ohm socket.

- Accepts 2mm pins "RZ310"
- Suits "TV6, TV7 & TV8".
- Solder or crimp terminating
- Colour: White.

\$1.95**TV11 S.B.P.**
75 OHM "F" INSERT

Snap in 75 ohm "F" socket.

- Accepts "F11, F56, F59".
- Suits "TV6, TV7 & TV8".
- Screw terminating
- Colour: White.

\$3.45

ATTENUATORS

**ATTENUATORS**

- AT3** 3dB
- AT6** 6dB
- AT12** 12dB
- AT18** 18dB

- Inline TV signal attenuators.
- 75 ohm plug to 75 ohm socket.
- Inline installation.

\$4.95**S.B.P.****AT20 S.B.P.**
VARIABLE TV SIGNAL ATTENUATOR

Designed to cut out TV signal overload. Easy to install and attenuation is variable from 0 to 20 dB.

- 75 ohm plug to 75 ohm socket
- Inline installation.

\$9.95

COAXIAL SWITCHES

**TVS2 S.B.P.**
TWO WAY TV SWITCH

- 75 ohm switch connects to your TV and selects between any two 75 ohm devices.
- 2 x 75 ohm sockets in-1 x 75 ohm plug out.
- Suitable for selection between your VCR and computer.

\$7.95

COAXIAL SWITCHES

**TVS4 S.B.P.**
TWO WAY TV SWITCH

High isolation 75 ohm switch connects to your TV and selects between any two 75 ohm devices.

- 2 x 75 ohm sockets in-1 x 75 ohm plug out.
- Suitable for selection between your VCR and computer.
- Complete with self adhesive back for mounting on the rear of your television or video cassette recorder.

\$17.95**TVS6 S.B.P.**
THREE WAY TV SWITCH

75 ohm switch connects to your TV and selects between any three 75 ohm devices.

- 3 x 75 ohm sockets in-1 x 75 ohm plug out.
- Suitable for selection between your VCR, computer and one other 75 ohm device.
- Mounting flange with screw holes.
- Use 75 ohm load resistor "RZ20T" if any of the input sockets are not used.

\$14.95

FLYLEADS - MALE TO MALE



75 OHM PLUG TO PLUG FLYLEAD

FL1 1.8 METRE
FL4 4.5 METRE
FL5 10 METRE

S.B.P.
\$4.45
\$5.95
\$9.95

75 ohm male to male coaxial flylead for connecting your antenna wall plate to your TV or VCR.

•Colour: White.

FLYLEADS - MALE TO FEMALE



75 OHM PLUG TO SOCKET FLYLEAD

FL2 1.8 METRE
FL6 4.5 METRE
FL7 10 METRE

S.B.P.
\$4.45
\$5.95
\$9.95

75 ohm male to female coaxial flylead for connecting your TV to VCR.

•Colour: White.

FLYLEAD - WITH BALUN



FL3 75 OHM PLUG TO 300 OHM SPADE LUGS FLYLEAD

Flylead with 75 ohm to 300 ohm balun transformer for connecting TV's with 300 ohm antenna inputs to 75 ohm antenna wall plates.

•Length: 1.8 metre

•Colour: White.

\$7.95

S.B.P.

FLYLEAD - "F" CONNECTOR



FL8 75 OHM PAL PLUG TO 75 OHM "F" PLUG FLYLEAD

For connecting units with 75 ohm Pal plugs to 75 ohm wall plates etc. with "F" sockets.

•Length: 1.8 metre

•Colour: White.

\$5.95

S.B.P.

FLYLEADS - HIGH ISOLATION

HIGH QUALITY LOW LOSS 75 OHM FLYLEADS

FL21 1.8 METRE
FL22 3.75 METRE
FL23 5 METRE

S.B.P.
\$ 6.95
\$ 8.95
\$10.95

These 75 ohm male to male/female coaxial flyleads have been designed for use in Sweden and European countries where RF interference laws have been introduced. These have also recently been installed in the new Australian Parliament house where RF interference has to be kept to a minimum due to 26 internal video and TV channels being used within the complex.

•The best choice to ensure RF interference free connection to any VCR or TV set.

•These leads are actually a 75 ohm plug to socket but are supplied with an adaptor that converts one end to a plug if required.

•Colour: White.



TV INTERFERENCE FILTERS



TVF2 FM BAND REJECTION FILTER

Filters FM signals from your TV signal.
•Stops herringbone interference patterns.
•75 ohm socket to 75 ohm socket.
•Inline installation.

\$3.95

S.B.P.



TVF4 CB/HAM BAND REJECTION FILTER

Filters CB and Ham operators signals from your TV or tuners antenna signal.
•75 ohm plug to 75 ohm socket.
•Inline installation.

\$6.95

S.B.P.



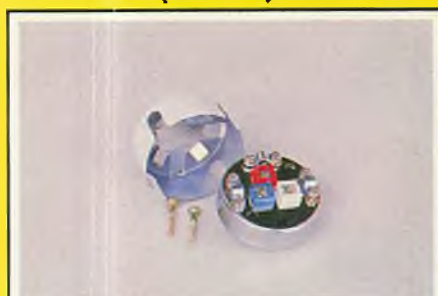
TVF6 TV/FM NOISE FILTER

Protects TV and FM receivers from RF caused by CB radios & electrical appliances.
•75 ohm plug to 75 ohm socket.
•Provides 70dB attenuation below 30MHz.

\$11.95

S.B.P.

DIPLEXERS (MIXERS) / SPLITTER TERMINATORS



TV14 **S.B.P.**
UHF/VHF INDOOR DIPLEXER/MIXER
 Combines separate UHF and VHF signals. Ideal when you have separate UHF and VHF antennas but a combined UHF/VHF input on your TV or VCR.
 • 2 x 75 ohm in - 1 x 75 ohm out.
 • All terminals are screw terminating.
\$8.45



TV19 **S.B.P.**
UHF/VHF DIPLEXER & SEPARATOR
 Combines or separates UHF/VHF signals.
 • Inputs/outputs are reversible allowing use as both a diplexer or separator.
 • UHF input/output: 300 ohm screw terminals.
 • VHF input/output: 75 ohm PAL socket.
 • Combined output/input: 75 ohm coaxial plug.
\$4.95



75 OHM TERMINATORS **S.B.P.**
 75 ohm dummy loads.
F59T "F" socket with 75 ohm resistor. **\$0.95**
RZ20T Pal plug with 75 ohm resistor. **\$1.45**
RZ16T Metal barrel with 75 ohm resistor for terminating screw terminal inputs & outputs. **\$0.50**

COAXIAL SPLITTERS / COUPLERS - PLUG IN

SUV2 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals
 • Input: 1 x 75 ohm plug.
 • Output: 2 x 75 ohm sockets.
 • Bandwidth: 5-890MHz
 • Colour: White
\$6.95

SUV4 **S.B.P.**
75 OHM 4 WAY SPLITTER
 Splits UHF/VHF/FM signals
 • Input: 1 x 75 ohm plug.
 • Output: 4 x 75 ohm sockets.
 • With AC power pass.
 • Bandwidth: 5-890MHz
 • Colour: White
\$9.95

SUV9 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 75 ohm socket.
 • Output: 2 x 75 ohm plugs.
 • Colour: White
\$7.95



SUV6 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals
 • Input: 1 x 75 ohm socket.
 • Output: 2 x 75 ohm sockets.
 • Right angled.
 • Colour: White
\$3.95

SUV7 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals. Lets two TVs operate off the VCR or antenna.
 • Input: 1 x 75 ohm plug.
 • Output: 2 x 75 ohm sockets.
 • Right angled.
 • Colour: White.
\$3.95

SUV8 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals. Lets two TVs operate off the VCR or antenna.
 • Input: 1 x 75 ohm plug.
 • Output: 2 x 75 ohm sockets.
 • Flat body.
 • Colour: White
\$3.95

SPLITTERS / COUPLERS - HARDWIRED

DDF332 **S.B.P.**
300 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 300 ohm screw terminal.
 • Output: 2 x 300 ohm screw terminals.
 • Bandwidth: 5-890MHz.
\$5.95

DDF334 **S.B.P.**
300 OHM 4 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 300 ohm screw terminal.
 • Output: 4 x 300 ohm screw terminals with AC pass on one.
 • Bandwidth: 5-890MHz.
\$7.95

DDF772 **S.B.P.**
75 OHM 2 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 75 ohm screw terminal.
 • Output: 2 x 75 ohm screw terminals.
 • Bandwidth: 5-890MHz.
\$5.95



DDF773 **NEW** **S.B.P.**
75 OHM 3 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 75 ohm screw terminal.
 • Output: 2 x 75 ohm screw terminals (4dB).
 • 1 x 75 ohm with AC power pass (8dB).
 • Bandwidth: 5-890MHz.
\$7.95

DDF774 **S.B.P.**
75 OHM 4 WAY SPLITTER
 Splits UHF/VHF/FM signals.
 • Input: 1 x 75 ohm screw terminal.
 • Output: 4 x 75 ohm screw terminals.
 • With AC power pass on one output.
 • Bandwidth: 5-890MHz.
\$7.95

AMPLIFIED SPLITTERS / ANTENNA BOOSTERS



AA1

C.S.B.

TWO WAY SPLITTER WITH 20DB AMPLIFIER

Designed for UHF/VHF and FM this unit allows two television sets or VCR's to operate off one antenna outlet. It also has an inbuilt amplifier for signal boosting and plugs directly into any 240 volt AC mains power point.

- Gain: 2 x 10dB.
- Max output: 90dBuV
- Input: 1 x 75 ohm coaxial plug.
- Output: 2 x 75 ohm coaxial sockets.
- Power: 240VAC/50Hz.

\$59.95

AA2

C.S.B.

UHF/VHF/FM SIGNAL AMPLIFIER

This unit plugs directly into any 240 volt AC mains power point and amplifies all UHF/VHF and FM frequencies. Designed for low signal reception areas or installations where signal loss is great due to several TV's or VCR's operating off the same antenna. Variable gain control allows attenuation between 0 to 20dB.

- Gain: 18dB
- Max output: 90dBuV
- Input: 1 x 75 ohm coaxial plug.
- Output: 1 x 75 ohm coaxial socket.
- Power: 240VAC/50Hz.

\$59.95

AA4

D.B.

4 WAY AMPLIFIED SPLITTER

Splitter with variable 0-12dB amplifier suitable for UHF/VHF and FM.

- Covers all current Australian frequencies.
- Amplifier gain: 4 x 0-12dB variable.
- Input: 75 ohm coaxial socket.
- Output: 4 x 75 ohm coaxial sockets.
- Power: 12VDC/100mA power pack supplied.

\$59.95

ASA1

D.B.

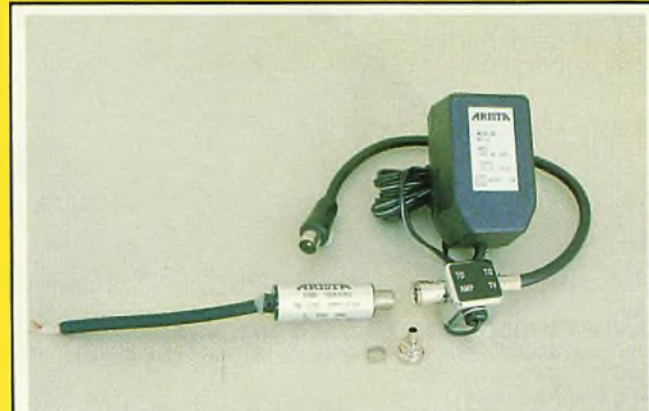
HIGH GAIN ANTENNA SIGNAL AMPLIFIER

Designed in Australia to suit local frequencies and conditions.

- UHF gain: 23dB at 525MHz.
- VHF gain: 37dB.
- Input/output: 75 ohm coaxial sockets.
- Power: 240VAC/50Hz.
- E/A approval No: CS3060N.

\$109.95

INDOOR ANTENNAS



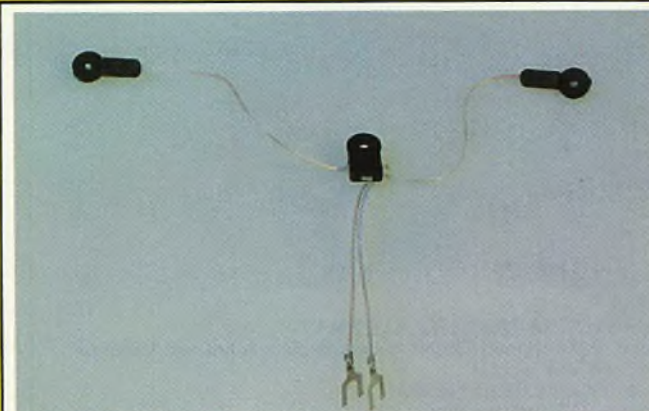
AA10

S.B.P.

INLINE SIGNAL AMPLIFIER

Reduces signal loss that occurs with splitters and long cable runs.

- Can also be used with antennas, coaxial feed lines and VCR's.
- Input/output: 75 ohm coaxial sockets.
- Power: 12VDC 100mA power pack supplied

\$49.95

FMA1

S.B.P.

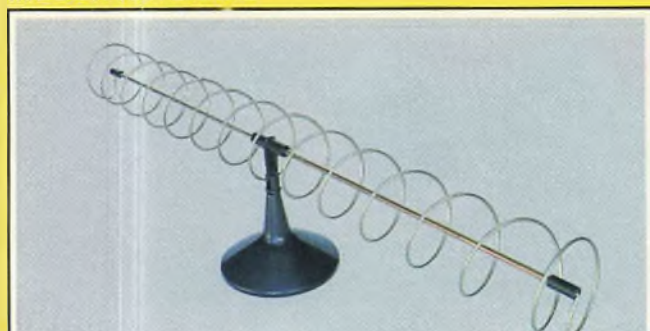
INDOOR DIPOLE ANTENNA

300 ohm ribbon cable loop antenna.

- Suits AM/FM tuners and portable TV's.
- 300 ohm spade terminals.
- Moulded ends.

\$3.95

INDOOR ANTENNAS



FMA3
INDOOR SPIRAL ANTENNA

P.B.

- 300 ohm ribbon cable antenna.
- Suits AM/FM tuners and portable TV's.
- 1 metre lead with 300 ohm spade terminals.
- Clip on black plastic stand/base.
- Made in Australia.

\$9.95

FMA8
INDOOR TELESCOPIC ANTENNA

P.B.H.

- 300 ohm ribbon cable antenna.
- Suits tuners and portable TV's.
- 300 ohm spade terminals.
- Adjustable telescopic rods.
- Black plastic weighted stand/base.

\$10.95

FMA6 **S.B.P.**
TELESCOPIC ANTENNA

- 75 ohm coaxial cable antenna.
- Suits TV's, VCR's, tuners.
- 75 ohm coaxial cable and plug.
- Adjustable telescopic rods.
- White plastic weighted stand/base.

\$17.95

FMA2 **D.B.**
UHF/VHF/FM INDOOR TELESCOPIC ANTENNA

High gain 75 ohm coaxial cable antenna with separate UHF and VHF dipoles.

- Suits TV's, VCR's and tuners.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 980mm extended.
- UHF receiver: adjustable directional tuning loop.
- 75 ohm coaxial cable and plug.
- Silver and black rotating base.

\$24.95

FMA9 **D.B.**
UHF/VHF/FM INDOOR ANTENNA

Radar dish designed 75 ohm coaxial cable antenna with separate UHF and VHF dipoles.

- Suits TV's, VCR's and tuners.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 90cm extended.
- UHF receiver: radar dish with tuning knob.
- 75 ohm coaxial cable and plug.
- Brown plastic weighted base.

\$39.95

FMA5 **D.B.**
UHF/VHF/FM INDOOR TELESCOPIC ANTENNA

75 ohm coaxial cable antenna with separate UHF and VHF dipoles.

- Suits TV's, VCR's and tuners.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 980mm extended.
- UHF receiver: adjustable directional receiving elements.
- 75 ohm coaxial cable and plug.
- Black plastic weighted base.

\$41.95

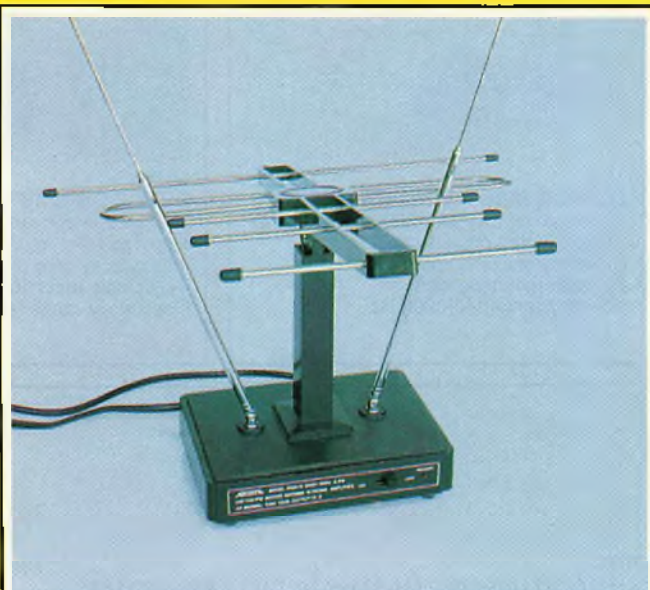
INDOOR ANTENNAS / AMPLIFIED ANTENNAS

**FMA4**
UHF/VHF/FM TUNABLE INDOOR ANTENNA

D.B.

75 ohm coaxial cable antenna with separate UHF and VHF dipoles/receivers.

- Suits TV's, VCR's, tuners etc.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 900mm extended.
- UHF receiver: adjustable directional inner loop with fine tuning.
- 75 ohm coaxial cable and plug.
- Silver plastic weighted base.

\$41.95**FMA7**
UHF/VHF/FM YAGI INDOOR ANTENNA

S.B.P.

75 ohm coaxial cable antenna with separate UHF and VHF dipoles/receivers.

- Suits TV's, VCR's, tuners etc.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- FM signal can be attenuated.
- Full gain on UHF.
- VHF receiver: telescopic rods 630mm extended.
- UHF receiver: square loop.
- 75 ohm coaxial cable and plug.
- Grey plastic base.

\$62.95**FMA12**
MINI TV AMPLIFIED INDOOR ANTENNA

S.B.P.

Compact 75 ohm antenna with inbuilt amplifier. Folds up and stores in a protective vinyl carry pouch. Designed specifically for use with mini portable television sets.

- Amplification: FM/VHF: 18-24dB, UHF: 11-17dB
- 75 ohm 3.5mm phone plug and coaxial cable for mini TV sets.
- Frequency range: 40-890MHz.
- Two telescopic rods extend 600mm.
- Power on/off switch and indicating LED.
- Supplied in protective vinyl carry case with strap.
- Up to 85 hours continuous use with alkaline batteries.
- Power supply: 2 x AA (UM3) batteries or plug pack..

\$89.95**FMA10**
UHF/VHF/FM AMPLIFIED INDOOR ANTENNA

D.B.

75 ohm coaxial cable antenna with inbuilt 15db amplifier and separate UHF/VHF dipoles/receivers.

- Suits TV's, VCR's, tuners etc.
- Built in UHF/VHF mixer.
- Frequency range: 40-890MHz.
- VHF receiver: telescopic rods 910mm extended.
- UHF receiver: four elements with directional tuning.
- 75 ohm coaxial cable and plug.
- Black plastic weighted base.
- Power on/off indicating LED.
- Power supply: 240VAC/50Hz.

\$69.95

MASTHEAD BALUNS & MIXERS

**MHB2** S.B.P.**OUTDOOR MASTHEAD BALUN**

Designed to convert your 300 ohm antenna output to 75 ohm coaxial cable.

- Fits directly onto the antenna.
- Adjustable mounting lugs.
- Frequency range: 40-890MHz.

\$4.95**MHB4** S.B.P.**OUTDOOR MASTHEAD BALUN**

Designed to convert your 300 ohm antenna output to 75 ohm coaxial cable.

- Fits directly onto the antenna.
- Adjustable mounting wire hooks.
- Frequency range: 40-890MHz.

\$5.95**MHB6** S.B.P.**OUTDOOR "F" MASTHEAD BALUN**

Designed to convert your 300 ohm antenna output to 75 ohm coaxial cable.

- Fits directly onto the antenna with spade lugs and waterproof rubber boot.
- Output: 75 ohm "F" socket.
- Frequency range: 40-890MHz.

\$3.95**MHM2** D.B.**OUTDOOR UHF/VHF MASTHEAD DIPLEXER/MIXER**

Mixes separate UHF and VHF antennas into one output. Ideal when adding a new UHF antenna to an existing VHF system.

- Fits directly onto the antenna mast with mounting bracket.
- UHF & VHF inputs: 75 ohm screw terminals.
- Output: 75 ohm screw terminal with AC power pass.

\$14.95**MHM4** D.B.**OUTDOOR UHF BAND IV/V MASTHEAD DIPLEXER/MIXER**

Mixes separate UHF band IV and band V antennas into one output.

- Fits directly onto the antenna mast with mounting bracket.
- UHF band IV & V inputs: 75 ohm screw terminals.
- Output: 75 ohm screw terminal.

\$13.95

OUTDOOR ANTENNA ROTATOR

**AAR2** D.B.**AUTOMATIC ANTENNA ROTATOR**

Fully automatic antenna rotator that suits most standard UHF/VHF/FM outdoor antennas. Holds up to 50kgs vertical load.

- Dept. of Minerals and Energy approved.

SPECIFICATIONS:

- Rotation: 360 degrees with mechanical stop.
- Rotating Time: 360 degrees in 75 seconds.
- Mast Size: 22 to 40mm diameter.
- Max Loading: 50kg vertical-0.25m wind.
- Drive Unit Weight: 3.1kg.
- Dimensions: 152 x 375 (H)mm.

\$199.95

TUNABLE DOWN CONVERTOR

**VUC2** D.B.**UHF TO VHF TUNABLE DOWN CONVERTOR**

Allows television sets with VHF only to receive UHF.

- Receives both "on air" and "off air" UHF signals.
- Lets you receive channel 28 etc without having to buy a complete new television set.
- Converts TV games, computers with UHF signal outputs to VHF.
- Power supply: 240 volts AC/50Hz.

\$99.95

VIDEO ENHANCERS / VIDEO SWITCHING UNITS / DOWN CONVERTORS

**VS300** S.B.P.**THREE WAY AUDIO/VIDEO SWITCHING UNIT**

Selects between three audio/video devices and channels the signal through to one audio/video device. IE: 3xVCR's to 1xTV set.

- Slimline cabinet with push button select switches.
- All inputs and outputs are RCA sockets.
- Complete with 3 way RCA plug to RCA plug lead.

\$39.95**VS600** D.B.**RF SWITCHING CONTROL**

Allows separate switching of up to five inputs to two outputs.

- Push button selection allows any one of five inputs with RF 75 ohm coaxial outputs to be channelled to either or both outputs.
- 75 ohm inputs for VCR, antenna, video games, computer etc.
- 75 ohm outputs for VCR's or TV sets.
- No power supply required.

\$39.95**VS400** D.B.**STEREO VIDEO DUBBING ENHANCER**

Unlike many of the other video enhancers available the VS400 not only offers an amplified video signal gain but also utilises true video enhancing circuitry to provide your video playback with sharper, crisper images. Both gain and enhancement can be adjusted with individual controls for each. It also features two way dubbing capabilities (A to B or B to A) without having to change cables.

- Modern slimline designed black cabinet.
- Gold plated connectors and low loss cables assure optimum signal transfers.
- Supplied with self adhesive velcro pads for adhering the unit to the side of your video or TV set.
- All controls are positioned on the front panel of the VS400.
- Operates with a 9VDC 200 mA plug pack-supplied.

- Inputs: VCR "A"
- 1 x video input-RCA plug gold plated.
 - 1 x audio input left channel-RCA plug gold plated.
 - 1 x audio input right channel-RCA plug gold plated.

- Outputs: VCR "A"
- 1 x video input-RCA plug gold plated.
 - 1 x audio input left channel-RCA plug gold plated.
 - 1 x audio input right channel-RCA plug gold plated.

- Inputs: VCR "B"
- 1 x video input-RCA socket gold plated.
 - 1 x audio input left channel-RCA socket gold plated.
 - 1 x audio input right channel-RCA socket gold plated.

- Output: VCR "B"
- 1 x video input-RCA socket gold plated.
 - 1 x audio input left channel-RCA socket gold plated.
 - 1 x audio input right channel-RCA socket gold plated.

\$119.95**TAA803** D.B.**VIDEO /HI FI AMPLIFIER AND SPEAKER SELECTOR**

Unique switching device not only allows selection of up to four pairs of speakers but also lets you select between amplifier inputs. Ideal when you not only want your Hi Fi amplifier connected up to your speaker system but also want your video or TV set connected through as well.

- Speakers can be selected individually or together
- Headphone output.
- Rated at 50 watts per channel continuous handling.
- Each channel is circuit breaker protected. These reset automatically after cutting out.
- Constant minimum load protects the amplifiers from short circuits and incorrect impedance balancing from speakers.
- All inputs and outputs are RCA sockets.

\$39.95

VIDEO SENDER / ROTATOR / REWINDER / CINE CONVERTOR / TV BRACKET

AVS30

AUDIO / VIDEO TRANSMITTER

D.B.

Department of Communication approved miniature audio and video TV transmitter. Ideal for watching a video in the bedroom or kitchen without having to move your complete VCR system or having long extension cables running from one end of the house to the other. The AVS30 connects to the audio and video output on the VCR, plugs into a 240VAC mains power point and is ready to go. Simply switch on, tune your TV set to UHF channel 30, push play on your VCR and your video tape signal will be transmitted to your TV set. This system will transmit any audio and video signal to any TV set that will tune to UHF channel 30. This means that it can be used for other applications such as video or security cameras. Supplied complete with plug power pack and connecting leads.

SPECIFICATIONS:

Output Channel: UHF channel 30
 Tuning Range: UHF from 512 to 612MHz
 Transmitting Distance: 10 metres.
 RF Output Level: Below 500uV/M at 30 metres.
 Antenna Imp: 75 ohm.
 Power: 2 watts.
 Video Input: 0.8Vp-p to 2Vp-p.
 Audio FM Deviation: Max. 40kHz
 Spurious Output: 45 dB down
 Harmonic Output: 45 dB down

\$89.95

NEW



VTR25

VHS VIDEO TAPE REWINDER AND CLEANER

D.B.

A VHS tape rewinder that won't break your tapes. Fitted with photo sensors that automatically stops the tape as soon as the leader tape is detected in the fast forward and rewinding modes. This prevents the tape from being pulled out of the hub. A small built in vacuum cleaner automatically de-humidifies the tape as well as expelling any magnetic particles dislodged during VCR playing. Functions include easy loading with hydraulically operated tape holder, push button tape counter and auto power off at the end of rewinding/fast forward. It comes complete in an attractive, free standing, heat resisting black cabinet.

SPECIFICATIONS:

Rewinding Time: 2.5 to 3 minutes for a 120 minute video tape
 Cleaning: Auto dust vacuum and demagnetizer
 Power Source: 240VAC 50Hz-12 watts
 Size/Weight: 255(W) x 185(D) x 70(H)mm-1.2Kgs

\$119.95

TV/Video



VCA2

VIDEO CINE ADAPTOR

D.B.

Transfers home movies and slides onto video tape.

•To use simply project the slide or movie projector at the mini screen on the side of the VCA2. Then aim your video camera at the front of the VCA2 where the image has been reflected and record.
 •Adjustable height pedestal makes setting up easy.

\$69.95

NEW



TMB2

TELEVISION MOUNTING BRACKET

BOX

Wall mounting metal bracket for television sets and monitors. The unit secures to the wall and is fully adjustable to allow viewing from all angles. Designed for areas where floor or bench space is not available. Each is finished in a black enamel and holds TV sets with a maximum base of 300 x 300mm.

\$114.95

VIDEO HEAD CLEANERS

**VH310 S.B.P.**
VHS HEAD CLEANER

Designed for use with most VHS video systems. Wet/dry/wet system cleans and dries all components along the tape path.

- Supplied with bottle of cleaning fluid.
- Uses clean tape for each cleaning operation.
- Low drag for sensitive machines.
- Replacement cleaning fluid model "VCS1".

\$10.95**BT300 S.B.P.**
BETA HEAD CLEANER

Designed for use with most Beta video systems. Wet/dry/wet system cleans and dries all components along the tape path.

- Supplied with bottle of cleaning fluid.
- Uses clean tape for each cleaning operation.
- Low drag for sensitive machines.
- Replacement cleaning fluid model "VCS1".

\$10.95**VHC8 S.B.P.**
VIDEO 8 HEAD CLEANER

Designed for use with most Video 8 systems. Wet/dry/wet system cleans and dries all components along the tape path.

- Supplied with bottle of cleaning fluid.
- Uses clean tape for each cleaning operation.
- Low drag for sensitive machines.
- Replacement cleaning fluid model "VCS1".

\$9.95**S.B.P. VHC-C**
VHS-C HEAD CLEANER

Designed for use with the new VHS "C" video systems. Wet/dry/wet system cleans and dries all components along the tape path.

- Supplied with bottle of cleaning fluid.
- Uses clean tape for each cleaning operation.
- Low drag for sensitive machines.
- Replacement cleaning fluid model "VCS1".

\$21.95**S.B.P. VCS1 20 PCS/D.B.**
CLEANING FLUID

Replacement video head cleaning fluid.

- Designed for use with:
 - VH310: (VHS)
 - BT300: (Beta)
 - VHC8: (Video 8)
- Safe to use on most video heads and components
- Can be purchased as single bottles or in a bench display box containing 20 pcs.

\$1.95

VIDEO SPLICING KITS & TAPE

**VSK1 S.B.P.**
VIDEO TAPE SPLICING KIT

Splicing kit designed for use with VHS and Beta video systems. Ideal for repairing broken or damaged video tape.

Each kit contains:

- Splicing block and tape holder.
- Splicing, metal and transparent leader tape.
- Razor blade and spare labels.

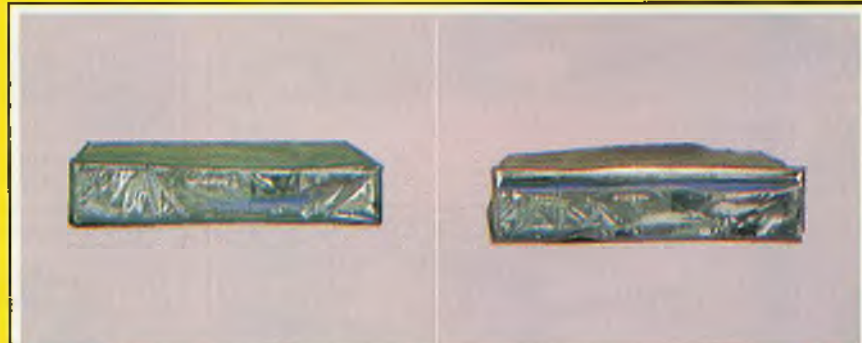
\$11.95**AST50 S.B.P.**
VIDEO SPLICING TAPE

1/2" pre cut splicing tape designed for use in conjunction with the above video splicing kit for repairing broken or damaged video cassette tape.

- Comes on 30cm rolls

\$3.95

VIDEO DUST COVERS

**VDC4.B S.B.P.**
VDC4.BR
BLACK BROWN**VIDEO CASSETTE PLAYER DUST COVERS**

Each is made of a heavy duty vinyl with a transparent clear vinyl front which allows clock and channel function displays on the front of your VCR to be seen.

- Prevents dust, moisture and other damaging debris from entering the machine.
- Size: 430 (W) x 375 (D) x 120 (H)mm.
- Available in black or brown.
- Not designed for use while VCR is operating as air vents will be blocked which can cause overheating.

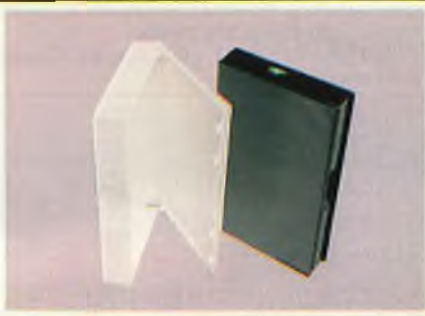
\$10.95

VIDEO CASSETTE STORAGE CASES

VCL12.B S.B.P.
VCL12.W
VIDEO CASSETTE STORAGE CASES

Suits both VHS and Beta video cassette tapes.

- Fitted with a transparent plastic cover for protecting titles.
- Available in either black or white.

\$2.95

VIDEO LEADS



VL1 1.5 METRES \$ 9.45 S.B.P.
VL1L 3.0 METRES \$10.95
 BNC PLUG TO BNC PLUG
 75 ohm coaxial video lead.



VL5 1.5 METRES \$4.95 S.B.P.
VL5L 3.0 METRES \$6.45
 RCA PLUG TO RCA PLUG
 75 ohm coaxial video lead.



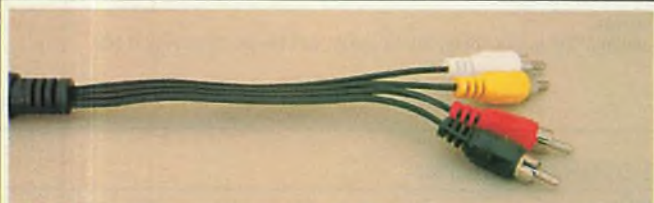
VL6 1.5 METRES \$6.95 S.B.P.
VL6L 3.0 METRES \$8.45
 BNC PLUG TO RCA PLUG
 75 ohm coaxial video lead.



VL7 1.5 METRES \$4.95 S.B.P.
VL7L 3.0 METRES \$6.45
 RCA PLUG TO PAL PLUG
 75 ohm coaxial video lead.



VL9 20 CENTIMETRES \$5.95 S.B.P.
 5 PIN DIN PLUG TO 4 X RCA SOCKETS
 Shielded cable used.



VL10 20 CENTIMETRES \$6.45 S.B.P.
 5 PIN DIN SOCKET TO 4 X RCA PLUGS
 Shielded cable used.



VL15 1.5 METRES \$7.45 S.B.P.
VL15L 3.0 METRES \$9.95
 6 PIN DIN PLUG TO 6 PIN DIN PLUG
 Shielded cable used.

SCART LEADS - FOR "AUDIO / VIDEO" SIGNALS



NEW
VL18 1.5 METRES \$29.95 S.B.P.
VL18L 3.0 METRES \$34.95
 SCART PLUG TO SCART PLUG
 This lead uses high quality shielded cable on all pins needed for recording and playback of mono and stereo video/audio signals.



VL21 1.5 METRES \$19.95 S.B.P.
 SCART PLUG TO 6 PIN DIN PLUG (SWITCHABLE)
 This lead uses high quality shielded cable on all pins needed for recording and playback of mono and stereo video/audio signals.



VL22 1.5 METRES \$31.95 S.B.P.
 SCART PLUG TO 5 PIN DIN PLUG & 2 X BNC PLUGS
 This lead uses high quality shielded cable on all pins needed for recording and playback of mono and stereo video/audio signals.



VL23 1.5 METRES \$29.95 S.B.P.
 SCART PLUG TO 4 X RCA PLUGS & 2 X BNC PLUGS
 This lead uses high quality shielded cable on all pins needed for recording and playback of mono and stereo video/audio signals.



VL24 1.5 METRES \$32.95 S.B.P.
 SCART PLUG TO 6 X RCA PLUGS
 This lead uses high quality shielded cable on all pins needed for recording and playback of mono and stereo video/audio signals.

SCART LEADS - FOR "RGB" SIGNALS



NEW
VL19 1.5 METRES \$32.95 S.B.P.
VL19L 3.0 METRES \$44.95
 SCART PLUG TO SCART PLUG-ROUND CABLE
 This lead has all 21 pins connected through. This is designed for pure RGB signals as used with computer monitors etc.



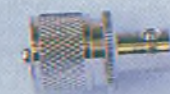
NEW
VL20 1.5 METRES \$39.95 S.B.P.
 SCART PLUG TO SCART PLUG-FLAT CABLE
 Right angled Scart plugs have all 21 pins connected through. This is designed for pure RGB signals as used with computer monitors etc.

VIDEO PLUG ADAPTORS

PA21 S.B.P.
PLUG ADAPTOR
PL259 plug to RCA socket.
\$2.95



PA22 S.B.P.
PLUG ADAPTOR
PL259 plug to BNC socket.
\$4.95



PA23 S.B.P.
PLUG ADAPTOR
BNC plug to RCA socket.
\$2.95



PA23G S.B.P.
PLUG ADAPTOR
BNC plug to RCA socket.
Gold plated.
\$4.95



PA24 S.B.P.
PLUG ADAPTOR
SO239 socket to BNC plug.
\$4.95



PA26 S.B.P.
PLUG ADAPTOR
RCA plug to BNC socket.
\$3.95



PA27 S.B.P.
PLUG ADAPTOR
RCA plug to SO239 socket.
\$3.95



PA28 S.B.P.
PLUG ADAPTOR
BNC plug to "F" socket.
\$4.95



PA29 S.B.P.
PLUG ADAPTOR
"F" plug to BNC socket.
\$4.95



PA31 S.B.P.
PLUG ADAPTOR
"F" plug to PAL socket.
\$3.95



PA32 S.B.P.
PLUG ADAPTOR
PAL plug to "F" socket.
\$2.95



DUBBING KITS



VDK2 S.B.P.
VIDEO DUBBING KIT

Universal video dubbing kit to suit most Japanese and European VCR's both old and new.

•Packed in a plastic tray for easy connector identification and storage.

Video Components Supplied:

- 1 x RCA plug to RCA plug lead-1.5 metres long-75 ohm.
- 2 x BNC plug to RCA socket plug adaptors-(PA23).
- 2 x PL259 plug to RCA socket plug adaptors-(PA21).

Audio Components Supplied:

- 1 x twin RCA plugs to twin RCA plugs lead-1.5 metres.
- 2 x 5 pin DIN plug to twin RCA sockets lead-20 centimetres.
- 2 x 3.5mm phone plug to RCA socket plug adaptors-(PA60).

\$29.95



VDK4 S.B.P.
VIDEO DUBBING KIT

Complete set of video/audio leads and adaptors for recording from mono to stereo, stereo to stereo, from old to new Japanese and European VCR's. This set even caters for systems that use the new 21 pin Scart plugs.

•Packed in a plastic tray for easy connector identification and storage.

•Each lead is individually labelled to avoid confusion during hookup.

Components supplied:

- 21 pin scart plug to 5 pin DIN plug and two RCA plugs lead-1.5m.
- 6 pin DIN plug to 5 pin DIN socket and two RCA sockets lead-25cm.
- 5 pin DIN socket to four RCA plugs lead-25 cm.
- 2 x 3.5mm phone plug to RCA socket adaptor-(PA60).
- 2 x BNC plug to RCA socket adaptor-(PA23).
- 2 x PL259 plug to RCA socket adaptor-(PA21).

\$39.95

VIDEO CAMERA LEADS / SHOULDER STRAP / CARRY BAGS

**VCL13****10 PIN VIDEO CAMERA EXTENSION LEAD**

10 pin VHS plug to 10 pin VHS socket lead.

- Designed for extending VHS system video cameras.
- High quality flexible grey PVC cable.
- Length: 10 metres.

\$84.95

BOX

**VCL14****8 PIN RGB VIDEO LEAD**

8 pin RGB plug to 8 pin RGB plug lead.

- Designed for connecting up video or computer monitors etc.
- High quality flexible grey PVC cable.
- Length: 2 metres.

\$24.95

BOX

NEW

**VCL15****JVC VIDEO CAMERA LEAD**

6 pin JVC plug to 6 pin DIN plug.

- Designed for connecting JVC video cameras to VCRs.
- High quality flexible black PVC cable.
- Length: 2.5 metres.

\$24.95

P.B.H.

NEW

**VCL16****JVC VIDEO CAMERA LEAD**

6 pin JVC plug to 2 x RCA plugs.

- Designed for connecting JVC video cameras to VCRs.
- High quality flexible black PVC cable.
- Length: 2.5 metres.

\$27.95

P.B.H.

VIDEO CAMERA SHOULDER STRAP

VSS2**VIDEO CAMERA SHOULDER STRAP**

Shoulder strap designed for using with most video cameras, 35mm cameras, binoculars etc. Can also be used to convert hand carried camera or sports bags.

- Black/grey elasticised padded foam centre section.
- Black nylon adjustable straps each end.
- Quick release locks on each end.
- Length: Adjustable from 88cm to 100cm.

\$27.95

S.B.P.

NEW



VIDEO 8 & VHS "C" CAMERA CARRY BAGS

VB404**VHS "C" SYSTEMS****\$ 99.95****VB304****VIDEO 8 SYSTEMS****\$119.95****VIDEO CAMERA CARRY /STORAGE BAGS**

Black and grey bag designed for storing your video cameras, batteries, globes, lenses and other accessories. It can also be used for other video cameras, 35mm cameras, binoculars etc. The main section inside the bag can be divided into three compartments with two padded velcro secured barriers.

- Fully padded interior prevents damage to equipment.
- Main compartment is securely sealed with both a zip and two quick release clips to prevent accidental damaging of the camera inside.
- Black carry handle on top of bag.
- Fully adjustable black shoulder strap with soft shoulder pad.
- Four plastic feet on bottom to protect base of bag.
- VB304 Dimensions: 380 x 160 x 160mm
- VB404 Dimensions: 300 x 160 x 160mm

NEW



BRACKET / STANDS / LENS KIT / LENS CLEANING KIT

VCS2 **CAMERA SHOE DOUBLE ADAPTOR** **S.B.P.**

This adaptor converts one camera shoe into two camera shoes. Ideal when you need to put both a video camera light and an external microphone or two video lights onto your video camera at the same time.

- Support handle.
- Lightweight.
- Colour: Black.
- Standard camera shoe size suits most accessories.
- IE: Video camera lights, external flashes, external shotgun microphones.

\$39.95**VCS3** **VIDEO CAMERA DESK STAND** **S.B.P.**

Fully adjustable desk stand designed for holding video cameras. The stand has a fully adjustable platform that can be tilted or angled in either direction and then securely locked into the right position. It has a standard sized camera securing bolt which will also suit 35mm and similar cameras.

- Three legged tripod for stability and strength.
- Rubber feet to prevent slipping.
- Spring locking pin next to the camera securing bolt ensures the camera does not move or wobble on platform.
- Large thumb screw for securing platform once it is in position.
- Folds completely flat for compact storage in video camera case or bag.
- Colour: Black.

\$54.95**VCS2** **SINGLE LEG VIDEO CAMERA STAND** **CARRY CASE**

Collapsible single legged floor stand for video and 35mm cameras. Fully adjustable platform can be tilted sideways or angled to the front or back and can be locked or released for easy tilting and panning. It also has a standard camera securing bolt and spring locking pin for keeping the camera steady and is removable from the stand so it can be permanently secured to the video camera. When it is needed it can be speedily re-attached to the stand with the aid of a quick release lever system.

- 165cm extended.
- 62cm folded.
- Adjustable panning arm.
- Complete with zip up black canvas carry case.
- Matt black finish.

\$99.95**VCS4** **TRIPOD VIDEO CAMERA STAND** **BOX**

Collapsible three legged floor stand for video and 35mm cameras with center leg to prevent sudden camera drop. The platform can be tilted sideways or angled to the front or back and has a securing bolt and locking pin for keeping the camera secure. It is also easily removed so it can be permanently secured to the video camera. When it is needed it can be speedily re-attached to the stand with the aid of a quick release lever system.

- Removable panning arm.
- Fully geared elevator system.
- Quick release snap leg locks.
- Rubber feet screw up to reveal spikes for using on soft surfaces.
- Black semi gloss aluminium frame.

\$199.95**VLS2** **VIDEO CAMERA LENS SET** **D.B.**

Two external lenses designed to suit video cameras. One is a "1.6 x tele-converter" which increases the focal length by 1.6 times. This increases the image size in your picture frame by 60% compared with your standard lens. The other lens supplied is a "0.5 x wide angle converter" which decreases the focal length by half. This means you will be able to get 50% more of the subject in the picture frame without moving back.

- Comes with 46 to 49mm and 46 to 52mm step up rings which allow these lenses to be used on video cameras with 46mm, 49mm and 52mm camcorder lens screw threads
- Other step up ring sizes are available from your camera dealer if required.
- Supplied with four protective lens caps.
- Complete in leather look hard carry case.

\$199.95**VLC4** **LENS CLEANING KIT** **S.B.P.**

Lens cleaning and maintenance kit designed for use with video cameras, cameras, binoculars etc. Contains:

- Plastic dust and particle blower with brush.
- Bottle of cleaning fluid.
- Lint free optical cloth.
- Cotton swabs-5 pieces.
- Lens tissues-50 pieces.

\$9.95**VLC2** **TISSUES/CLEANING FLUID** **S.B.P.**

Replacement parts for VCS4

- Bottle of cleaning fluid.
- Lens tissues-50 pieces.

\$6.45

WIRELESS MICROPHONE / SHOTGUN MICROPHONE / CAMERA LIGHT

WMS376S

VIDEO CAMERA WIRELESS MICROPHONE

V.G.B.

A complete system that allows wireless transmissions between your video camera and a lapel tie tack microphone on the subject. Simply place the microphone on the subject and attach the receiver section onto the video camera. An earphone can be attached to the receiver so the camera operator can monitor exactly what is being picked up by the microphone and what is being recorded. The system is complete with transmitter, receiver, monitor earphone and a camera connecting cord.

SPECIFICATIONS-TRANSMITTER:

Microphone Type: Electret Condenser
Transmitting Freq: 36.1, 37.1 or 37.6MHz
Modulation Sensitivity: 94dB SPL +/-2kHz
Power Supply: 9 volt DC 006P
Power Consumption: 30mA
Dimensions: 60(W) x 21.5(D) x 86(H)
Weight: 115 grams with battery

SPECIFICATIONS-RECEIVER:

Receiving Freq: 36.1, 37.1 or 37.6MHz
Earphone Output: 0.2V/100 ohms
Camera Output: 1.5mV/30 ohms
Power Supply: 9 volt DC 006P
Power Consumption: 25mA
Dimensions: 60(W) x 21.5(D) x 86(H)
Weight: 125 grams with battery

\$169.95



ECM266

VIDEO CAMERA SHOTGUN MICROPHONE

W.F.B.

Super uni directional electret condenser microphone designed for use with video cameras. Comes complete with camera shoe for mounting directly onto the top of the video camera. The unit also has an inbuilt amplifier and earphone monitor with volume control so the user can monitor exactly what is being recorded. 150mm sound collecting tube attaches to the front of the microphone to increase the direction of the polar pattern from which the microphone is recording. This is detachable for easy storage.

SPECIFICATIONS:

Frequency Response: 200Hz to 8kHz
Sensitivity: -52dB
Impedance: 3.2k ohm
Cord: 2.5m curled/3.5mm mono plug
Dimensions: 219 x 140 x 19mm

\$99.95



AVL12

VIDEO CAMERA SPOTLIGHT

D.B.

This prestige video camera light comes complete with fully rechargeable battery in a portable carry case. The system also comes with a 240 volt AC plug in recharging pack, barn doors for light concentration and a fully adjustable bracket with a video camera shoe. This allows the light to fit directly onto the top of the camera. The AVL12 also uses a revolutionary cooling vent system. Under normal use and provided the lead acid battery is fully charged the light will last approximately 30 to 40 minutes per charge. The 100 watt halogen light globe is replaceable using the AVL12.G described below.

SPECIFICATIONS:

Power Source: 12VDC 6.5 amp rechargeable battery
Lamp: 12 volt 100 watt JC/FCR halogen globe
Angle Coverage: 40 degrees vertical and horizontal
Lens: 8mm wide angle lens
Irradiation Angle: Tilt control for 90 degree bounce lighting
Colour Temperature: 3300 degrees Kelvin
Cord: 2.4 metres with cigarette lighter plug
Diameter: 95mm x 62mm
Weight: 230 grams
Accessories: Battery carry bag, recharging plug pack, barn doors, lens protector.

\$279.95



AVL12.G

NEW

AVL12 REPLACEMENT GLOBE

BOX

Replacement halogen 12 volt 100 watt type JC/FCR light globe to suit the AVL12 video light.

\$24.95

AVL12.B

NEW

BATTERY TO SUIT "AVL12: VIDEO LIGHT

BOX

Heavy duty lead acid battery specially designed for use with the Arista AVL12 video light complete with a handy carrying case and adjustable shoulder strap.

*14 hours required for a full recharge cycle.
*240 volt AC charger-model "PP512" (Page 107)

SPECIFICATIONS:

Output Voltage: 12 volt DC
Capacity: 8500mAh
Output Connector: Cigarette lighter socket

\$129.95

VIDEO CAMERA LIGHTS

DVL1

C.S.B.

VIDEO CAMERA SPOTLIGHT

One of the worlds most compact video lights. Ideal for amateur and professional use alike.

- Interchangeable lens diffuser for spot or flood light.
- Rechargeable belt pack battery weighing less than 16 ounces.
- 6 volt 10 watt halogen light globe.
- Colour temperature is 3200 degrees Kelvin.
- Supplied with battery charger with on/off switch and carry case.
- Right angle extension bracket and adjustable long extension bracket for mounting the video light.
- The DVL1 will provide up to 30 minutes of continuous light providing the battery is fully charged.

\$194.95**DVL1.G**

NEW

BOX

DVL1 REPLACEMENT GLOBE

6 volt 10 watt halogen light globe designed as a direct replacement for the light globe used in the DVL1 video light.

\$45.95**DVL1.B**

NEW

BOX

DVL1 REPLACEMENT NI-CAD BATTERY

Rechargeable replacement battery designed to suit the DVL-1 video camera spotlight.

- 7.2 volt
- 1200mA

\$69.95**DVL2**

C.S.B.

VIDEO CAMERA SPOTLIGHT

A new concept in video camera lights. Spare batteries may be purchased and charged to ensure a continuous supply during long recording sessions.

- The ultimate in portability.
- Uses a standard video camera rechargeable battery Arista model DV8022H (Sony NP22). See page 106 of this catalogue for full battery specifications.
- Battery plugs directly into the back of the video light.
- 6 volt 20 watt halogen light.
- Supplied with one battery pack model DV8022.
- Complete with battery charger.
- Complete with camera shoe and 90 degree swivel bracket for connecting directly to the top of the video camera.
- The DVL2 will provide up to 30 minutes of continuous light providing the battery is fully charged.

\$199.95**DVL2.G**

NEW

BOX

DVL2 REPLACEMENT GLOBE

6 volt 20 watt halogen light globe designed as a direct replacement for the light globe used in the DVL2 video light.

\$45.95**DV8022H**

NEW

C.S.B.

DVL2 REPLACEMENT NI-CAD BATTERY

Heavy duty nickel cadmium replacement battery

- 6 volt
- 1600mA

\$79.95

VIDEO CAMERA BATTERIES - RECHARGABLE

DUAL VOLTAGE - RECHARGABLE - POWER PLUS BATTERY PACKS - FAST CHARGE READY

A full range of replacement video camera rechargeable nickel cadmium and lead acid batteries. Each is a top quality unit and has at least equal or better performance specifications than the originals. This series of Videocam batteries are manufactured by one of the major suppliers of nickel cadmium power packs and battery packs to the United States and Europe. They are all packaged in a transparent clam shell plastic blister which not only allows them to be uniformly displayed but also allows each model to be seen to ensure the correct battery is selected.

DV-1919**C.S.B.****LEAD ACID ACCESSORY BATTERY**

In addition to the following Camcorders this battery pack can be used for cellular phones, laptop computers, medical equipment etc.

- Lead Acid
- 12 volt
- 2000mAh

Designed to suit:

CANON: VC-20A, VC30A

NEC: CB-30, CV-30

NATIONAL

\$94.95**DV-2022****C.S.B.****NI-CAD VIDEO CAMERA BATTERY**

Specifically for full sized Camcorders.

- Nickel cadmium
- 12 volt
- 1500mA

Designed to suit:

HITACHI:

BM-500/600,

BM-BP21/22

R.C.A.

\$149.95**DV-7022****C.S.B.****NI-CAD VIDEO CAMERA BATTERY**

- Nickel cadmium
- 9.6 volt
- 1600mA

Designed to suit:

J.V.C.:

GR-7U, GR-C1U, GR-C2U

NB-P7, NB-P8, NN-V6GU

SHARP:

VCC50

TOSHIBA:

BMC37BK, SK60AK

PANASONIC, TELEFUNKEN, ZENITH.

\$124.95**DV-7044P****C.S.B.****NI-CAD VIDEO CAMERA BATTERY**

Specially for VHS "C" grip pack Camcorders.

- Nickel cadmium
- 9.6 volt
- 1000mA

Designed to suit:

J.V.C.: BN-V6GU/7GU, GR-7U/45

GRC-11, NN-V6GU

PANASONIC, ZENITH.

\$129.95**DV-8022H****C.S.B.****NI-CAD VIDEO CAMERA BATTERY**

- Heavy Duty
- Nickel cadmium
- 6 volt
- 1600mA
- Suits Arista Video Light model "DVL2".

Designed to suit:

ARISTA:

DVL2 VIDEO LIGHT

SONY:

AV-200, CCDV-30/50

CCDV-8AF, NP-22

AIWA, RICOH, SANYO.

\$79.95**DV-8066H****C.S.B.****NI-CAD VIDEO CAMERA BATTERY**

- Nickel cadmium
- 6 volt
- 1600mA

Designed to suit:

SONY:

NP-55, NP-77

CCD-U90 Video 8 camcorder

RICOH, SANYO.

\$104.95**Important points to remember when using battery power supplies:**

- 1 Do not short circuit output terminals.
- 2 Do not place near extreme heat or incinerate.
- 3 Use only the correct specified charger for each unit.
- 4 Keep output terminals clean with a soft clean cloth.
- 5 Remove battery from camera immediately after use. Some cameras continue to draw current even when the unit is switched off.
- 6 Store in a dry cool place.
- 7 Replace the battery when operating times dramatically shorten after a full charge.
- 8 For correct charging voltages, currents and times refer to the instruction leaflets supplied with each battery.

VIDEO CAMERA BATTERIES / RECHARGERS / VIDEO LIGHT BATTERY



DV1235 **\$144.95** **BOX**
DV1240 **\$114.95**

RECHARGABLE VIDEO ACCESSORY BATTERIES

Heavy duty lead acid batteries designed for use with most video camera accessories. 12 volt output can also be used with other electrical devices such as portable lighting, cellular telephones, CB radios and other communication equipment.

- Automatic resetting overload circuit protection prevents damage to the battery during short circuits and misuse.
- Depending on accessory being used up to 6 hours can be achieved on a single charge.
- 12-14 hours required for a full recharge cycle.

Uses:

- For video Camcorders
- For video light and microphones
- For 12 volt accessories

Accessories:

- DV1235 supplied with soft vinyl carry case.
- DV1240 supplied with adjustable shoulder strap.

Optional Extra:

- DV1235: 240 volt AC recharger-model "PP312"
- DV1240: 240 volt AC recharger-model "PP412"

DV1235 SPECIFICATIONS:

Output Voltage: 12 volt DC
 Capacity: 3500mAh
 Output Connector: Fused cigarette lighter socket

DV1240 SPECIFICATIONS:

Output Voltage: 12 volt DC
 Capacity: 4000mAh
 Output Connector: Fused cigarette lighter socket

**AVL12.B****BOX****BATTERY TO SUIT "AVL12: VIDEO LIGHT"**

Heavy duty lead acid battery specially designed for use with the Arista AVL12 video light shown on page 104 of this catalogue. Complete with a handy carrying case and adjustable shoulder strap which also makes it ideal for use with most video camera accessories and other portable equipment. 12 volt output is via a cigarette lighter plug and the battery is easily recharged using the "BC512" battery charger described below.

Uses:

- For video Camcorders, lights, microphones and other 12V accessories

Accessories:

- Soft carry case with shoulder strap.

Optional Extra:

- 240 volt AC charger-model "PP512"

SPECIFICATIONS:

Output Voltage: 12 volt DC
 Capacity: 6500mAh
 Output Connector: Cigarette lighter socket

\$129.95

BC312 SUITS "DV-1235" **BOX**
BC412 SUITS "DV-1240"
BC512 SUITS "AVL-12.B"

LEAD ACID BATTERY CHARGERS

240 volt mains battery charger for charging the above lead acid battery packs.

SPECIFICATIONS:

Input Voltage: 240 volt AC/50Hz
 Output Voltage: 12 volt DC
 BC312 Capacity: 300mA
 BC412 Capacity: 400mA
 BC512 Capacity: 500mA
 Output Connector: Cigarette lighter plug

\$24.95

MP100 **D.B.**
VIDEO CAMERA
POWER SUPPLY/
BATTERY CHARGER

The MP100 can be used as a direct DC to DC voltage converter power supply or as a ni-cad battery charger. Suits many currently available 6, 7.2 and 9.6 volt batteries (minimum 800ma) including

DUAL VOLTAGE:**DV7044P, DV8022H.****SONY: NP-22**

The fused DC input is via a cigarette lighter plug so the unit can be

operated from most cars and trucks. Suits these Camcorders:

JVC: GR-C7, GR-11, GR-25, GRS-55.**SONY: CCD-M7U, CCD-V3, V5, V8.****MINOLTA: CR-8000, 8100.****RICOH: R-600.**

•Short circuit and overcharge protection with LED status indicator

•Complete with vinyl carry case

•Multi plug adaptor with 1.0/2.1/2.5mm DC and 3.5mm phone plugs

SPECIFICATIONS:

Input Voltage: 12-16 volts DC
 Charger Output Voltage: 6/7.2 and 9.6 volts DC-0.35 Amp
 Supply Output Voltage: 6/7.2 and 9.6 volts DC-1.40 Amp
 Output Connector: Cigarette lighter plug

\$69.95

MP110 **D.B.**
VIDEO CAMERA POWER
SUPPLY/BATTERY
RECHARGER

Ideal as a direct DC to DC voltage converter power supply or as a ni-cad or lead acid battery charger. The fused DC input is via a cigarette lighter plug so the unit can be operated from most cars trucks and boats. Suits many currently available 12 volt batteries used by cellular phones, portable

VCR's and camcorders

including

PANASONIC: PV-6600, GE4020.**QUASAR: 5453.****HITACHI: 5000.****PENTAX: 66, 1000A**

•Short circuit and overcharge protection with LED status indicator

•Complete with vinyl carry case

•Multi plug adaptor with 1.0/2.1/2.5mm DC and 3.5mm phone plugs

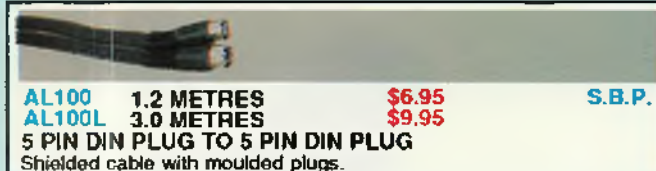
and two specially designed harness clips.

SPECIFICATIONS:

Input Voltage: 11.5-13.5 volts DC-2.5Amp
 Normal Charger Output Voltage: 12 volt DC-0.5 Amp
 Quick Charger Output Voltage: 12 volt DC-1.0 Amp
 Supply Output Voltage: 12 volt DC-1.5 Amp (regulated)
 Output Connector: Cigarette lighter plug

\$89.95**MAGNAVOX: 8471****RCA: 350, 800.****MINOLTA: 1500, CR3000****SHARP: 20**

AUDIO LEADS



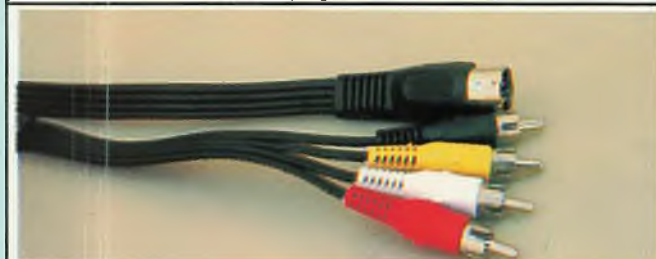
AL100 1.2 METRES \$6.95
AL100L 3.0 METRES \$9.95
 5 PIN DIN PLUG TO 5 PIN DIN PLUG
 Shielded cable with moulded plugs.

S.B.P.



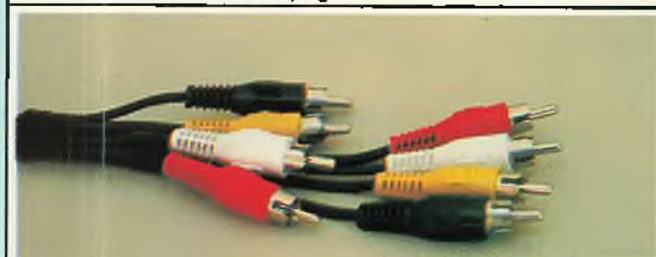
AL101 1.2 METRES \$6.95
 5 PIN DIN PLUG TO 5 PIN DIN SOCKET
 Shielded cable with moulded plugs.

S.B.P.



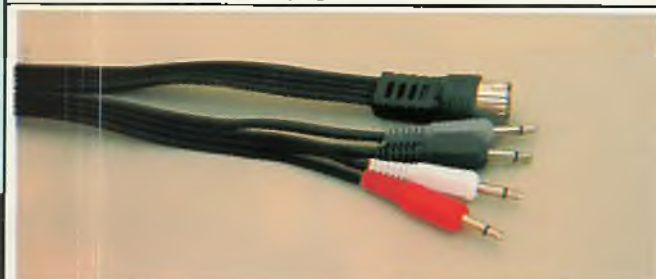
AL102 1.2 METRES \$ 7.95
AL102L 3.0 METRES \$10.95
 5 PIN DIN PLUG TO 4 X RCA PLUGS
 Shielded cable with moulded plugs.

S.B.P.



AL103 1.2 METRES \$ 7.95
AL103L 3.0 METRES \$10.95
 4 X RCA PLUGS TO 4 X RCA PLUGS
 Shielded cable with moulded plugs.

S.B.P.



AL104 1.2 METRES \$5.95
 5 PIN DIN PLUG TO 4 X 3.5MM PLUGS
 Shielded cable with moulded plugs.

S.B.P.



AL105 8 METRES \$11.95
 6.35MM STEREO PLUG TO 6.35MM STEREO SOCKET
 Shielded curly cable with moulded plugs.

S.B.P.



AL105A 8 METRES \$10.95
 6.35MM STEREO PLUG TO 6.35MM STEREO SOCKET
 Shielded flat cable with moulded plugs.

S.B.P.



AL106 5 METRES \$4.95
 2.5MM PLUG TO 2.5MM SOCKET
 Shielded cable VCR remote control extension lead.

S.B.P.



AL107 1.2 METRES \$4.95
 1 X RCA PLUG TO 2 X RCA SOCKETS
 Shielded cable with moulded plugs.

S.B.P.



AL108 1.2 METRES \$3.95
 3.5MM PLUG TO 3.5MM PLUG
 Shielded cable with moulded plugs.

S.B.P.



AL111 1.2 METRES \$4.95
 6.35MM PLUG TO 6.35MM PLUG
 Shielded cable with moulded plugs.

S.B.P.



AL116 1.2 METRES \$3.95
AL116L 3.0 METRES \$4.95
 RCA PLUG TO RCA PLUG
 Shielded cable with moulded plugs.

S.B.P.



AL118 1.2 METRES \$3.95
 RCA PLUG TO 3.5MM PLUG
 Shielded cable with moulded plugs.

S.B.P.



AL129 16 CENTIMETERS \$4.95
 5 PIN DIN PLUG TO 2 X RCA SOCKETS
 Japanese turntable to European amplifier.
 Shielded cable with moulded plugs.

S.B.P.



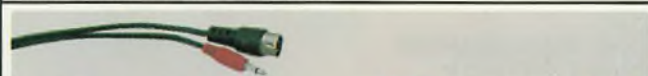
AL130 1.2 METRES \$5.95
 5 PIN DIN PLUG TO 2 X RCA PLUGS
 Stereo playback-mono record/playback.
 Shielded cable with moulded plugs.

S.B.P.

AUDIO LEADS



AL132 1.2 METRES **\$5.95** **S.B.P.**
5 PIN DIN PLUG TO 2 X RCA PLUGS
 Stereo to mono record/playback.
 Shielded cable with moulded plugs.



AL133 1.2 METRES **\$2.95** **S.B.P.**
5 PIN DIN PLUG TO 3.5MM PLUG
 Stereo to mono record.
 Shielded cable with moulded plugs.



AL134 1.2 METRES **\$2.95** **S.B.P.**
5 PIN DIN PLUG TO 3.5MM PLUG
 Stereo to mono playback.
 Shielded cable with moulded plugs.



AL137 1.2 METRES **\$3.95** **PR/S.B.P.**
RCA PLUG TO BARE ENDS
 Low voltage figure eight cable with moulded plug.



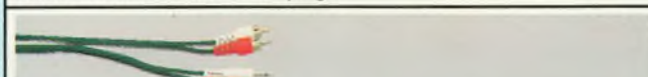
AL141 1.2 METRES **\$1.95** **S.B.P.**
3.5MM PLUG TO 3.5MM PLUG WITH 100K RESISTOR
 Shielded cable with moulded plugs.



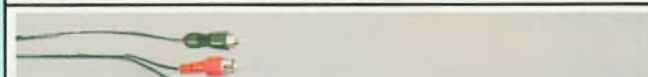
AL142 1.2 METRES **\$4.95** **S.B.P.**
AL142L 3.0 METRES **\$6.95**
2 X RCA PLUGS TO 2 X RCA PLUGS
 Shielded flat cable with moulded plugs.



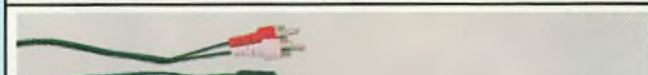
AL148 1.2 METRES **\$3.95** **S.B.P.**
2 X RCA PLUGS TO 1 X 3.5MM PLUG
 Shielded cable with moulded plugs.



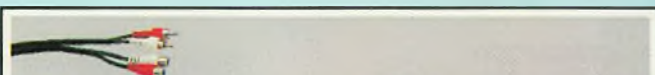
AL149 1.2 METRES **\$4.95** **S.B.P.**
2 X RCA PLUGS TO 2 X 3.5MM PLUGS
 Shielded flat cable with moulded plugs.



AL150 1.2 METRES **\$4.45** **S.B.P.**
AL150L 3.0 METRES **\$5.95**
1 X RCA PLUG TO 2 X RCA PLUGS
 Shielded flat cable with moulded plugs.



AL151 1.2 METRES **\$2.95** **S.B.P.**
1 X 3.5MM PLUG TO 2 X RCA PLUGS - 100K RESISTOR
 Shielded cable with moulded plugs.



AL152 1.2 METRES **\$4.95** **S.B.P.**
AL152L 3.0 METRES **\$6.45**
2 X RCA PLUG TO 2 X RCA SOCKETS
 Shielded flat cable with moulded plugs.



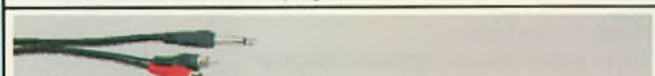
AL160 1.2 METRES **\$4.45** **S.B.P.**
STEREO 3.5MM PLUG TO 2 X RCA PLUGS
 Shielded cable with moulded plugs.



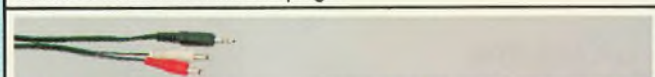
AL161 1.2 METRES **\$3.95** **S.B.P.**
STEREO 3.5MM PLUG TO STEREO 3.5MM PLUG
 Shielded cable with moulded plugs.



AL162 1.2 METRES **\$6.95** **S.B.P.**
STEREO 3.5MM PLUG TO STEREO 3.5MM SOCKET
 Shielded cable with moulded plugs.



AL163 3 METRES **\$6.45** **S.B.P.**
6.35MM PLUG TO 2 X RCA PLUGS WITH RESISTOR
 Yamaha mini organ to amplifier auxilliary input.
 Shielded cable with moulded plugs.



AL164 1.2 METRES **\$3.95** **S.B.P.**
STEREO 3.5MM PLUG TO 2 X MONO 3.5MM PLUGS
 Walkman to stereo cassette recorder.
 Shielded cable with moulded plugs.

STEREO CORD AND ADAPTOR KIT



AL200 **S.B.P.**

PORTABLE / HI FI STEREO ACCESSORIES KIT

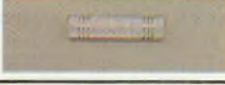
This set contains plug adaptors, dual adaptors and an extension lead to enable you to extend and connect up 1 or 2 pairs of stereo headphones with 3.5mm stereo plug to any piece of audio equipment. This includes mono or stereo portable or home Hi Fi systems.

Each kit contains:

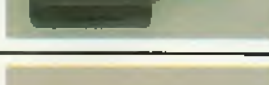
- 1 x 6 metre curly extension cord-3.5mm right angled stereo plug to 3.5mm stereo socket.
- 1 x plug adaptor-2.5mm mono plug to 3.5mm stereo socket.
- 1 x plug adaptor-3.5mm mono plug to 3.5mm stereo socket.
- 1 x plug adaptor-6.35mm stereo plug to 3.5mm stereo socket.
- 1 x dual adaptor-3.5mm stereo plug to 2 x 3.5mm stereo sockets.

\$16.95

PLUG ADAPTORS

PA10 PLUG ADAPTOR 3.5mm plug to 6.35mm socket. \$2.25	S.B.P.	
PA20 PLUG ADAPTOR 6.35mm plug to 3.5mm socket. \$2.25	S.B.P.	
PA30 PLUG ADAPTOR 6.35mm plug to RCA socket. \$2.25	S.B.P.	
PA40 PLUG ADAPTOR RCA plug to 3.5mm socket. \$2.50	S.B.P.	
PA50 PLUG ADAPTOR RCA plug to 6.35mm socket. \$2.50	S.B.P.	
PA60 PLUG ADAPTOR 3.5mm plug to RCA socket. \$1.95	S.B.P.	
PA70 PLUG ADAPTOR 3.5mm plug to 6.35mm stereo socket. \$2.50	S.B.P.	
PA80 PLUG ADAPTOR 3.5mm stereo plug to 6.35mm stereo socket \$2.50	S.B.P.	
PA90 PLUG ADAPTOR 6.35mm stereo plug to 3.5mm stereo socket. \$2.50	S.B.P.	
PA100 PLUG ADAPTOR 3.5mm plug to 3.5mm stereo socket. \$2.50	S.B.P.	
PA110 PLUG ADAPTOR 6.35mm plug to 6.35mm stereo socket. \$2.95	S.B.P.	
PA120 PLUG ADAPTOR 6.35mm plug to 3.5mm stereo socket. \$2.50	S.B.P.	
PA130 PLUG ADAPTOR 2.5mm plug to 3.5mm socket. \$2.50	S.B.P.	
PA140 PLUG ADAPTOR RCA socket to RCA socket. \$1.95	S.B.P.	
PA150 PLUG ADAPTOR 3.5mm plug to 2.5mm socket. \$2.50	S.B.P.	
PA160 PLUG ADAPTOR 2.5mm stereo plug to 3.5mm stereo socket. \$4.95	S.B.P.	
PA170 PLUG ADAPTOR 3.5mm socket to 3.5mm socket-metal. \$3.95	S.B.P.	
PA190 PLUG ADAPTOR  5 pin DIN socket to 5 pin DIN socket. \$5.95	S.B.P.	

DUAL ADAPTORS

DA1 DUAL PLUG ADAPTOR Stereo 3.5mm plug to 2 x 3.5mm stereo sockets. \$4.95	S.B.P.	
DA2 DUAL PLUG ADAPTOR Stereo 6.35mm plug to 2 x 6.35mm stereo sockets. \$4.95	S.B.P.	
DA3 DUAL PLUG ADAPTOR Mono 6.35mm plug to 2 x 6.35mm sockets. \$4.95	S.B.P.	
DA4 DUAL PLUG ADAPTOR Stereo 6.35mm plug to 2 x 3.5mm stereo sockets. \$3.95	S.B.P.	
DA5 DUAL PLUG ADAPTOR Single RCA plug to 2 x RCA sockets. \$4.95	S.B.P.	

EARPHONES - MAGNETIC

EP135 EARPHONE 90 cm cord with 3.5mm plug. \$0.95	S.B.P.	
EP25 2 metre twisted cord with 2.5mm plug. \$2.95	S.B.P.	
EP35 EARPHONE 1 metre twisted cord with 3.5mm plug. \$2.95	S.B.P.	
EP35L EARPHONE 6 metre twisted cord with 3.5mm plug. \$4.95	S.B.P.	

EARPHONE - CRYSTAL

EP35C EARPHONE 1 metre twisted cord with 3.5mm plug. \$4.95	S.B.P.	
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EARPHONE - DYNAMIC

EP35D EARPHONE High quality earphone with hook for hanging onto ear. SPECIFICATIONS: Freq. Response: 20Hz-18kHz Impedance: 8-50 ohms Sensitivity: 98dB/mW Cord/Plug: 4.5m/3.5mm \$6.95	S.B.P.	
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PILLOW SPEAKERS / VOLUME CONTROLS / EARPADS / HEADSHELLS / TURNTABLE BELTS

**PS602** S.B.P.**PILLOW SPEAKER**

Ideal for private listening. Slimline cabinet for placing under pillow.

SPECIFICATIONS:

Speaker: 2" fullrange
Impedance: 8 ohm
Cord: 1.5 metres
Plug: 3.5mm phone plug
Colour: Black

\$11.95**PS603** S.B.P.**PILLOW OR HANGING SPEAKER**

Slimline cabinet with rear hook for hanging ie: in the car, truck, wall etc. Can also be used under pillow.

SPECIFICATIONS:

Speaker: 2" fullrange
Impedance: 8 ohm
Cord/Plug: 1.5m/3.5mm phone plug
Colour: Black

\$15.95**TV200** S.B.P.**EXTENSION VOLUME CONTROL**

5 metre extension lead for earphones or mono headphones.

•3.5mm plug suits earphone and mono headphone sockets found on TV sets, VCR's, transistor radios etc.
•Recessed volume control knob.
•Input: 3.5mm socket.

\$7.95**FEP1** S.B.P.**REPLACEMENT FOAM EARPADS**

Designed to suit inner ear type headphones with an ear pad diameter of 13.5mm.
•Two pairs supplied per pack.

\$2.45**FEP2** S.B.P.**REPLACEMENT FOAM EARPADS**

Designed to suit mini type headphones with an ear pad diameter of 27mm.
•Two pairs supplied per pack.

\$2.95**FEP3** S.B.P.**REPLACEMENT FOAM EARPADS**

Designed to suit mini type headphones with an ear pad diameter of 37mm.
•Two pairs supplied per pack.

\$3.95**FEP5** S.B.P.**REPLACEMENT FOAM EARPADS**

Designed to suit Sennheiser headphones.
•Two pairs supplied per pack.

\$5.95**HS20** S.B.P.**ALUMINIUM HEADSHELL**

High quality universal aluminium headshell.
•1/2" mount-suits "S" shape arm turntables.
•Weight: 6.5 grams

\$15.95**HS30** S.B.P.**PLASTIC HEADSHELL**

Super lightweight headshell.
•1/2" mount-suits straight arm turntables.
•Weight: 4.5 grams.

\$6.95**TB5** P.B.H.
TURNTABLE BELT

Turntable drive belt.

SPECIFICATIONS:

Width: 5mm
Thickness: 0.5mm
Diameter: 185mm
Length: 581mm

\$4.95**TB10** P.B.H.
TURNTABLE BELT

Turntable drive belt.

SPECIFICATIONS:

Width: 5mm
Thickness: 0.5mm
Diameter: 189mm
Length: 593mm

\$4.95**TB15** P.B.H.
TURNTABLE BELT

Turntable drive belt.

SPECIFICATIONS:

Width: 5mm
Thickness: 0.5mm
Diameter: 195mm
Length: 612mm

\$4.95**TB20** P.B.H.
TURNTABLE BELT

Turntable drive belt.

SPECIFICATIONS:

Width: 5mm
Thickness: 0.5mm
Diameter: 205mm
Length: 644mm

\$4.95**TB25** P.B.H.
TURNTABLE BELT

Turntable drive belt.

SPECIFICATIONS:

Width: 5mm
Thickness: 0.5mm
Diameter: 210mm
Length: 659mm

\$4.95

HEADPHONES

EPS50

S.B.P.

MINI STEREO INNER EARPHONES

Diaphragms fit directly into the ear for greater comfort and for keeping out unwanted background noise that can interfere with music. Each set is packaged in a protective plastic storage case and comes complete with a spare set of foam earpads.

SPECIFICATIONS:

Impedance:	32 ohms
Sensitivity:	96dB
Freq. Resp:	40Hz to 10kHz
Cord:	1.2 metres
Plug:	3.5mm stereo phone

\$4.95



HP550

S.B.P.

MINI STEREO EARPHONES

Lightweight with adjustable headband. Supplied with plug adaptor to convert the 3.5mm stereo phone plug used with smaller audio equipment into a 6.35mm phone plug which is used on larger Hi Fi systems.

SPECIFICATIONS:

Impedance:	32 ohms
Sensitivity:	94dB
Freq. Resp:	80Hz to 16kHz
Cord:	1.2 metres
Plug:	3.5 stereo phone
Adaptor:	3.5mm socket to 6.35mm plug
Weight:	35 grams

\$4.95



EPS100

S.B.P.

MINI STEREO INNER EARPHONES

Uniquely designed inner earphones. Miniature sized diaphragms fit directly into ears for greater comfort as well as keeping out all unwanted background noise. They also remove the need for large bulky headbands which make them ideal for use when lying down. Each set is packaged in a protective plastic case for storage after use and come with spare replacement foam earpads.

SPECIFICATIONS:

Drivers:	Samarium Cobalt
Impedance:	38 ohms
Sensitivity:	98dB
Freq. Resp:	20Hz to 20kHz
Cord:	1.2 metres
Plug:	3.5mm stereo phone
Weight:	15 grams

\$32.95

HP330

S.B.P.

FASHION MINI STEREO HEADPHONES

Multi functioned headphones can be used with any one of three coloured headbands. They can also be used without the headbands as inner ear type stereo earphones.

SPECIFICATIONS:

Impedance:	32 ohms
Sensitivity:	95dB
Freq. Resp:	20Hz to 18kHz
Cord:	1.25 metres
Plug:	3.5mm stereo phone
Weight:	15 grams
Band Colours:	Blue, Pink & Purple

\$15.95



HP660

S.B.P.

BUDGET MINI STEREO HEADPHONES

Ultra light weight headphones with an adjustable headband, soft foam earpads at an economical price.

SPECIFICATIONS:

Drivers:	Polymer Film Diaphragm
Impedance:	4-16 ohms
Sensitivity:	98dB
Freq. Resp:	20Hz to 20kHz
Cord:	1.2 metres
Plug:	3.5 stereo phone
Adaptor:	3.5mm socket/6.35mm plug
Weight:	30 grams

\$9.95

TVH100

S.B.P.

TV/VIDEO MINI HEADPHONES

Mono headphones specifically for use with TV sets or VCR's. The 1.5 metre lead from headphone is extended with a 5 metre lead which will allow viewing and private listening of your set up to 6.5 metres away. They also come with an inline volume control which lets you control the volume without leaving your chair.

SPECIFICATIONS:

Drivers:	Polymer Film Diaphragm
Impedance:	50 ohms
Sensitivity:	94dB
Freq. Resp:	60Hz to 20kHz
Cord:	6.5 metres with volume control
Plug:	3.5mm mono phone
Weight:	40 grams

\$16.95



HEADPHONES

NEW

**MHD2A W.F.B.**
CD AND HI FI HEADPHONES

Ultra lightweight stereo headphones supplied with a 3.5mm stereo plug for use with Walkmans and Discmans. Also comes with a plug adaptor for converting the 3.5mm stereo plug into a 6.35mm stereo plug.

SPECIFICATIONS:

Drivers: Open air type
Impedance: 32 ohms
Sensitivity: 100dB
Freq. Resp: 20Hz to 20kHz
Maximum Input: 150mW
Cord: 1.2 metres
Plug: 3.5/6.35mm stereo phone
Weight: 50 grams

\$14.95**HD82 D.B.**
ENCLOSED STEREO HEADPHONES

These headphones completely cover your ears keeping out unwanted background noise.

SPECIFICATIONS:

Drivers: 57mm paper cone
Impedance: 8 ohms
Sensitivity: 96dB
Freq. Resp: 30Hz to 15kHz
Cord: 1.8 metres
Plug: 6.35mm stereo phone
Weight: 200 grams

\$19.95**MHD3A S.B.P.**
MINI STEREO HEADPHONES

Extremely lightweight with adjustable headband and spare replacement foam earpads.

SPECIFICATIONS:

Drivers: Dynamic Moving Coil
Impedance: 4-32 ohms
Sensitivity: 92dB
Freq. Resp: 30Hz to 16kHz
Cord: 1.2 metres
Plug: 3.5/6.35mm stereo phone
Weight: 30 grams
Colour: Blue
Accessory: Foam earpads and 3.5 to 6.35mm plug adaptor

\$24.95**HD86V D.B.**
PARTIALLY ENCLOSED HEADPHONES

These headphones have large soft ear cushions for comfortable positioning on your ears. They also have individual left and right channel volume controls.

SPECIFICATIONS:

Drivers: 57mm paper cone
Impedance: 8 ohms
Sensitivity: 98dB
Freq. Resp: 20Hz to 18kHz
Cord: 2.0 metres
Plug: 6.35mm stereo phone
Weight: 240 grams

\$34.95**CDS18 W.F.B.**
CD AND HI FI HEADPHONES

High quality open air type headphones designed for use with both digital and analogue Hi Fi systems. Supplied complete with a gold plated 3.5mm stereo plug for use with Walkmans and Discman and a 3.5mm socket to 6.35mm plug adaptor for larger Hi Fi systems.

SPECIFICATIONS:

Drivers: 40mm mylar film diaphragm
Magnet: Samarium Cobalt
Impedance: 32 ohms
Sensitivity: 100dB
Freq. Resp: 20Hz to 20kHz
Cord: 3.0 metres
Plug: 3.5mm phone-stereo gold plated
Weight: 95 grams

\$39.95

NEW

**HD1000 D.B.**
CD AND HI FI HEADPHONES

Designed for use with both digital and analogue recorded audio. Earpads fully cover your ears to keep out all unwanted background noises. Ideal for disc jockeys and other studio use.

SPECIFICATIONS:

Drivers: 28mm mylar film diaphragm
Magnet: Samarium Cobalt
Impedance: 60 ohms
Sensitivity: 100dB
Freq. Resp: 20Hz to 20kHz
Cord: 3.0 metres
Plug: 6.35mm stereo metal phone
Weight: 220 grams

\$49.95

TITANIUM HEADPHONES - "BST" SERIES - "THE NEXT GENERATION OF HEADPHONES"



NEW

A010
TITANIUM STEREO HEADPHONES

W.F.B.

Revolutionary Titanium drivers, high quality cabling and gold plated connectors brings personal Hi Fi to life. Open air 45mm diameter ear pads, lightweight construction and fully adjustable head band makes these phones ideal for personal stereo systems and home Hi Fi alike.

SPECIFICATIONS:

Drivers: 30 mm Titanium
Impedance: 38 ohms
Sensitivity: 100dB
Freq. Resp: 18Hz to 24kHz
Cord: 3.0 metres
Plug: 3.5/6.35mm stereo phone
Weight: 48 grams
Colour: Black
Accessory: Gold plated plug adaptor

\$59.95

NEW

NEW

B010
TITANIUM STEREO HEADPHONES

W.F.B.

Unique new Titanium diaphragms and oval shaped foam earpads (70 x 50mm) designed specifically for portable Hi Fi. Robust fully adjustable modern headband with swivelling earpads and gold plated stereo connectors.

SPECIFICATIONS:

Drivers: 40mm Titanium
Impedance: 38 ohms
Sensitivity: 107dB
Freq. Resp: 20Hz to 22kHz
Cord: 3.0 metres
Plug: 3.5/6.35mm stereo phone
Weight: 95 grams
Colour: Black
Accessory: Gold plated plug adaptor

\$79.95

BST TITANIUM
THERE IS NONE BETTER!

Four unique stereo TITANIUM headphones by acclaimed French designers Veronique Malcourant and Jean Michel Cornu.

Designed for absolute comfort and sound reproduction. Each headphone is carefully produced to fill a particular requirement. All four are both digital (compact disc) and analogue compatible.

C010
TITANIUM STEREO HEADPHONES

W.F.B.

The ultimate home system headphone. 90mm diameter airvented earpads with unique new 44mm Titanium dynamic diaphragm for unequalled sound reproduction from both digital and analogue recordings. Comfort over long playing periods is assured as the head band is fully adjustable. Each earpad is also adjustable as it tilts and swivels as well as having extremely pliable and soft cloth pads.

SPECIFICATIONS:

Drivers: 44mm Titanium
Impedance: 70 ohms
Sensitivity: 102dB
Freq. Resp: 18Hz to 22kHz
Cord: 3.0 metres
Plug: 3.5/6.35mm stereo phone
Weight: 210 grams
Colour: Black
Accessory: Gold plated plug adaptor

\$99.95**D010**
STEREO HEADPHONES

W.F.B.

These phones are the most versatile of the new BST range designed specifically for portability and sports active people. Each miniature earpad is specially shaped to ensure the diaphragm is angled directly into the ear. They will remain secure even during the most strenuous of activities such as jogging and exercising with a small flexible "earhook" which contours to your ears shape during use.

SPECIFICATIONS:

Drivers: 16mm Mylar
Impedance: 16 ohms
Sensitivity: 102dB
Freq. Resp: 20Hz to 20.5kHz
Cord: 1.2 metres
Plug: 3.5mm stereo phone
Weight: 5 grams
Colour: Black
Accessory: Storage case

\$39.95

NEW



NEW

COMPACT DISC ACCESSORIES

CDA1 WIRELESS STEREO TRANSMITTER

S.B.P.

Allows portable Compact disc players to be used with any FM tuner/radio in cars, boats, caravans etc. Simply tune it in to any FM receiver.

- Automatically turns itself on/off when input signal is connected.
- Mono/stereo selection switch.

SPECIFICATIONS:

Input Plug: 3.5mm stereo phone plug
Input Impedance: 32 ohm
FM Transmission: Tuneable 89-91MHz
Range: 15m(below 15mV/100m)
Power: 1 x AAA (UM4) battery
Dimensions: 72 x 38 x 21mm

\$69.95



CDA3 CD PLAYER/AMPLIFIER MATCHER

D.B.

The CDA3 allows amplifiers with only one auxiliary input to accept compact disc players as well as adding another auxiliary input to the system. Variable gain ensures the output signal of the CD player matches the input signal of the amplifier.

- Input: 2 pairs of RCA sockets for CD and Auxiliary input.
- Output: 1 pair of RCA sockets for connecting to the amplifier.
- Gain settings: 150mV/300mV/600mV/1V/2V.

\$39.95



CDA5 CAR COMPACT DISC PLAYER CONVERTOR

D.B.

Enables any portable compact disc player, tuner or Walkman to be played through vehicle Hi Fi system without hard wiring. Signal is transmitted through a cassette module into the cassette deck.

- Theft risk is reduced as the CD player etc can be easily removed.

\$29.95



CTA12 STEREO TRANSMITTER/DC CONVERTOR

D.B.

Connects to portable compact disc players or Walkmans and transmits audio signals back to vehicle's FM radio. Also converts 12VDC from the vehicle cigarette lighter socket to 3, 6 or 12 V DC.

- Maximum Current: 3 & 6 volt-300mA, 12 volt-500mA.
- Supplied with 2 x 1metre cords with 1.3 and 2.1mm DC plugs.

\$24.95

MOTORISED COMPACT DISC CLEANER

CDA7 MOTORIZED COMPACT DISC CLEANER

D.B.

Easy, safe, effective one touch automatic cleaning system for valuable compact discs. Wet cleaning system prevents scratching and ensures removal of most particles that can interfere with digital playback signals.

- Auto stop function after preset cleaning time.
- Wet cleaning system with replaceable chamois cleaner and fluid.
- Correct cleaning: The mechanical movement of "sun and planet" movement provides a radial cleaning action which is accepted and recommended by most compact disc manufacturers.
- Completely safe due to the disc remaining stationary on a super soft protective mat while soft high quality chamois pad cleans in about 20 seconds.

SPECIFICATIONS:

Dimensions: 180 x 135 x 39mm
Weight: 395 grams without batteries
Power: Batteries: 4 x UM2 "C" size or DC power input socket (3 volt DC-300mA) allows an external power source from car cigarette lighter or a PP300MV 240 volt plug pack (Optional).
Dimensions: 180 x 135 x 39mm
Accessories: Bottle of cleaning fluid. Extra chamois pad.

\$69.95



COMPACT DISC ACCESSORIES

**CD2****COMPACT DISC CLEANER**

Helps to maintain and clean your compact disc collection. Prevents dropouts and skipping which can occur when the compact disc player's pickup laser strikes dirt and dust particles on the surface of the disc. This system radially cleans the disc by rotating a high quality suede cleaning pad around the surface of the disc as used and recommended by most compact disc manufacturers.

- Disc is securely held in tray of cabinet to prevent mishaps while cleaning pad is rotated around the surface
- Soft brush and cleaning cloth is supplied for drying the disc after cleaning.
- Spray also provided for removing spots and dust particles.

\$21.95

S.B.P.

CD35**CD SINGLE TO CD STANDARD ADAPTOR**

2 PCS/S.B.P.

This adaptor is designed to allow small 3" compact disc singles to be played in standard compact disc players that take normal sized 5" compact discs.

- Simply slip the CD single into the adaptor and place both into the tray on the compact disc player.

\$5.45**CD3****REPLACEMENT CD CASE**

2 PCS/S.B.P.

Replacement compact disc case. Holds one compact disc.

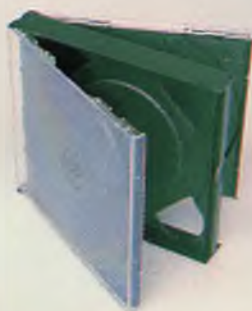
- Ideal as direct replacements for broken or damaged cases.
- Standard size case also has flip open transparent cover and clips for displaying original dust jacket and label.

\$5.95**CD4****CD STORAGE CASE**

D.B.

Replacement compact disc case holds up to four compact discs.

- Each section flips open for removal and replacement of compact disc.
- Standard size transparent cover and clips for displaying the compact disc's name and artist jacket.

\$4.95**CD6****CD MINI CARRY CASE**

S.B.P.

Holds up to six compact discs without their cases.

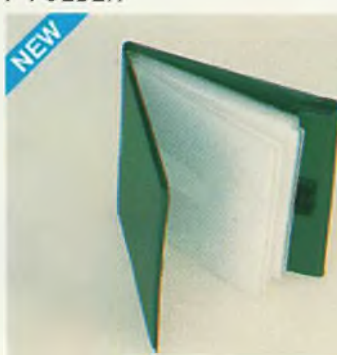
- Compact fold up cabinet keeps out dust etc.
- Fans out for easy removal and selection of compact discs.
- Ideal for the car, boat or caravan.
- Hard robust plastic cover for protection.

\$24.95**CD63****CD SINGLES CARRY FOLDER**

S.B.P.

Compact vinyl folder holds up to six 3" compact disc singles.

- Each disc holder is a soft nylon sleeve with soft cloth inner lining.
- Fans out for easy removal and selection of compact discs.
- Ideal for the car, boat or caravan.

\$12.95**CD65****COMPACT DISC CARRY FOLDER**

S.B.P.

Compact vinyl folder holds up to six 5" full size compact discs.

- Each disc holder is a soft nylon sleeve with soft cloth inner lining.
- Fans out for easy removal and selection of compact discs.
- Ideal for the car, boat or caravan.

\$14.95

COMPACT DISC STORAGE CASES

CD10 D.B.
CD STORAGE CABINET

Holds up to 10 compact discs in their cases.

- Interlocking modular design allows several units to be locked together either horizontally or vertically.
- Each can be freestanding or wall mounted.
- Allows easy selection of each compact disc as label is still visible.
- Colour: Black

**\$14.95****CDH10.B BLACK D.B.**
CDH10.BZ BRONZE
CD STORAGE CABINET

Holds up to 10 compact discs in their cases.

- Each cabinet clips together to allow several units to be stacked together either horizontally or vertically.
- Each can be freestanding or wall mounted.
- Allows easy selection of each compact disc as label is still visible.

**\$10.95****CD15.B BLACK**
CD15.BU BLUE
CD15.R RED
CD NYLON CARRY CASE

Nylon cases designed to hold up to 15 compact discs in their cases.

- Allows easy selection of each compact disc as label is still visible.
- Zip up top flap with padded lining and side pocket.
- Nylon carry strap.

**\$19.95****CD30.B BLACK**
CD30.BU BLUE
CD30.R RED
CD NYLON CARRY CASE

Nylon cases designed to hold up to 30 compact discs in their cases.

- Allows easy selection of each compact disc as label is still visible.
- Zip up top flap with padded lining and side pocket.
- Nylon carry shoulder strap.

**\$34.95**

RECORD CLEANING CLOTH & BRUSHES

**RCC2 20 PCS/D.B.**
RECORD/CD CLEANING CLOTH

Cleaning cloth specially designed for cleaning records and compacts disc from tiny dust and dirt particles. Each cloth is supplied in a handy resealable dust free plastic wallet.

- Provides protection for at least 1000 record or compact disc sides.

\$2.45/EACH**RCB1 10 PCS/D.B.**
RECORD & STYLUS
CLEANING BRUSH

This record cleaning brush cleans dust and other particles by creating humidity on the surface of the brush by allowing water to flow through a sponge at a controlled rate.

- Plush velvet cleaning surface with dust cover.
- Complete with stylus cleaning brush stored in the handle.

\$2.95**RCB3 S.B.P.**
RECORD CLEANING BRUSH

Specially designed curved cleaning surface.

- Removes even the most minute particles from the surface of the record.
- Complete with record cleaning solution.
- Comes with base for storage when cleaning brush is not in use.
- Replacement fluid available model RA44.

\$3.95

RECORD / TAPE & CASSETTE CARE ACCESSORIES



ARC101
ANTISTATIC RECORD CLEANER
 Handy anti static spray designed for removing dust and grit from records and compact discs without leaving a residue.
 •Use with "RCB1 and RCB3" cleaning brushes and RCC2 record cleaning cloth.

\$5.95



RA44 **10 PCS/D.B.**
ANTISTATIC CLEANING FLUID
 Specially formulated antistatic record cleaning fluid.
 •Used for repelling dust and dirt particles on records and compact disc.
 •Use as replacement fluid for "RCB1 and RCB3" record cleaning brushes.

\$1.50



RA28 **W.F.B.**
STYLUS CLEANING FLUID
 Specially formulated to remove build up and impacted dust from your stylus tip and cantilever.
 •Supplied complete with cleaning brush.

\$3.95



RCB2 **S.B.P.**
CARBON FIBRE FILAMENT RECORD CLEANING BRUSH
 Uses thousands of conductive fibre filaments (7 microns thick) to discharge static electricity from the record grooves.
 •Completely safe but highly effective.
 •Storage base keeps fibre filaments straight when brush is not in use.

\$8.95



ASG839 **S.B.P.**
ANTI STATIC GUN
 Generates up to 15,000 volts to neutralise static charges. Can be used to ensure a static-electricity free environment on records, compact discs, camera equipment, TV and computer monitors etc.
 •Does not require any external power.
 •All voltage is generated by simply squeezing the handle.

\$10.95



THD33 **S.B.P.**
ELECTRONIC CASSETTE DEMAGNETISER
 Automatic demagnetiser designed to remove all unwanted magnetism from your car or Hi Fi cassette heads. Simply place the cassette module into the cassette slot, push "play" wait several seconds and eject. Ideal for use in motorised moving platform eject systems where conventional wand type demagnetisers will not reach.
 •LED power indicator.
 •Uses "LR44" or "SR44" batteries (supplied).
 •Batteries last for about 600 applications.

\$19.95



HD1 **S.B.P.**
CASSETTE OR TAPE HEAD DEMAGNETISER
 Designed for demagnetising playback and recording heads on cassette recorders and tape decks. Simply place onto the head to be demagnetised for several seconds and the job is done.
 •Also ideal for reel to reel, microcassettes, dictaphones etc.
 •Slimline handle.
 •240 volt AC operated.

\$16.95

TAPE & CASSETTE CARE ACCESSORIES



TA99 CASSETTE HEAD DEMAGNETISER S.B.P.
Demagnetises and cleans heads, capstan and pinch roller in one action.
•Comes complete with cleaning fluid.
\$3.45



TA55 CASSETTE HEAD CLEANER S.B.P.
Prevents oxide build up on cassette heads.
•Suits all cassette recorders.
•Budget priced.
\$1.95



TA11 AUTOMATIC CASSETTE CLEANER S.B.P.
Mechanical action cleans both record and playback heads, capstan and pinch roller.
•Comes complete with cleaning fluid.
\$3.95



TA88 WELLCLEAN CASSETTE CLEANER S.B.P.
Cleans both record and playback heads as well as capstan and pinch roller with special felt cleaning pads and moist cloth tape.
•Comes complete with cleaning fluid and spare felt pads.
\$4.45



TA77 AUTOMATIC CASSETTE CLEANER S.B.P.
Mechanical action cleans both record and playback heads as well as capstan and pinch roller with replaceable cleaning pads.
•Unique rotating head cleaning operation.
•Complete with fluid and spare felt pads.
\$8.95



TA22 CASSETTE / TAPE CARE KIT S.B.P.
Kit comes with two cleaning fluids designed for maintenance of cassette and tape heads.
•Fluid to suit heads and metal parts.
•Fluid for pinch and idler wheels.
•Also comes with cleaning swabs.
\$4.45



TA33 CASSETTE SALVAGE/REPAIR KIT B.P.
Complete kit with everything needed to repair damaged cassette tapes and cases. Included in each kit are:
•Complete cassette parts including case.
•Tape splicing bar and razor blades.
•Mylar splicing/repair tape.
\$2.95



TA66 CASSETTE HEAD CLEANING FLUID 10 PCS/D.B.
Cleaning fluid designed for all cassette and tape heads.
•Removes oxides and other build up.
•Maintains fidelity in recording and playback.
•Can be used in conjunction with any cassette and tape head cleaning kit.
\$1.50



AST25 AUDIO SPLICING TAPE S.B.P.
Splicing tape designed for repairing damaged and broken 1/4" reel to reel tape.
•Adhesive peel off stickers for easy application.
•Comes on 30cm rolls
\$3.25

LETTER TAPE CASSETTE

**LTC20****12 PCS/BOX****BLANK LETTER TAPE CASSETTES**

Ideal for sending "audio" messages via the post. Each cassette comes in a printed cardboard wallet/envelope mailer. Simply record your message, address the mailer and post.

- Each side of the tape will record a ten minute message.
- Uses reliable quality tape and mechanics.

\$1.45/EACH

MINI / MICRO CASSETTE TAPE ERASER

**TA832****D.B.****MINI/MICRO CASSETTE ERASER**

Erase recordings instantly from mini and micro sized cassette tapes. Simply pass the tape through the slot in the centre of the magnetic fields in this unit and the tape is erased. The job is finished in seconds.

- No external power or batteries are required.

\$6.95

CASSETTE CARRY CASES

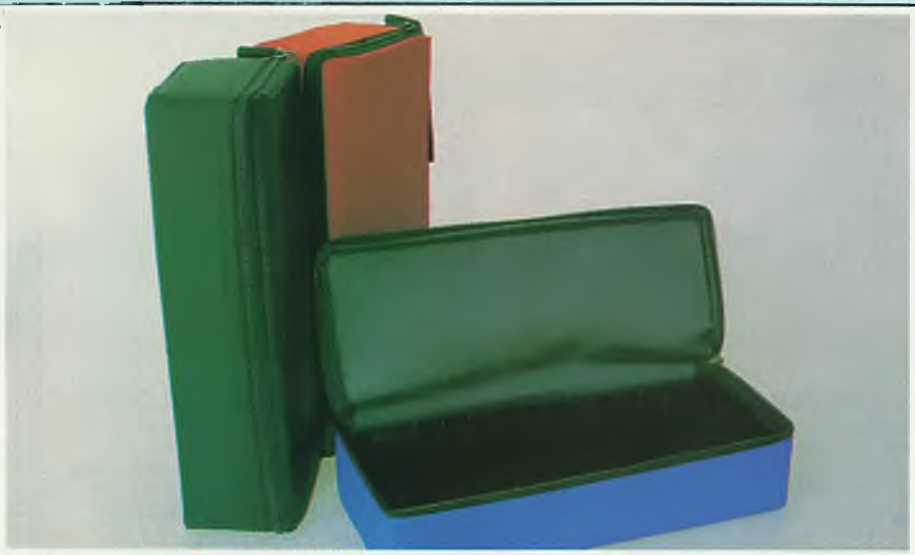
TA15.B
TA15.BU
TA15.R

BLACK
BLUE
RED

NYLON CASSETTE CARRY CASES

Portable cassette cases designed to hold up to 15 cassettes in their cases. Soft sided cases are available in three colours.

- Hard plastic inner tray for easy positioning of cassettes and to prevent movement and damage to each cassette when carrying.
- Black nylon carry strap.
- Dimensions: 310 x 120 x 80mm.

\$13.95

TA20.B (WAS TA32.B) **BLACK**
TA20.BU (WAS TA32.BU) **BLUE**
TA20.R (WAS TA32.R) **RED**

NYLON CASSETTE CARRY CASES

Portable cassette cases designed to hold up to 20 cassettes in their cases or 32 cassettes without cases. Soft sided cases are available in three colours.

- Hard plastic inner tray for easy positioning of cassettes and to prevent movement and damage to each cassette when carrying.
- Black nylon carry strap.
- Dimensions: 240 x 220 x 70mm.

\$19.95

CASSETTE STORAGE CASES

TA30.B BLACK
TA30.BU BLUE
TA30.R RED

NYLON CASSETTE CARRY CASES

Portable cassette cases designed to hold up to 30 cassettes in their cases or 48 cassettes without their cases. Soft sided cases are available in three colours.

•Hard plastic inner tray for easy positioning of cassettes and to prevent movement and damage to each cassette when carrying.

•Black nylon carry strap.

NEW



\$24.95

TA60.B BLACK
TA60.BU BLUE
TA60.R RED

NYLON CASSETTE CARRY CASES

Portable cassette cases designed to hold up to 60 cassettes in their cases or 96 cassettes without their cases. Soft sided cases are available in three colours.

•Hard plastic inner tray for easy positioning of cassettes and to prevent movement and damage to each cassette when carrying.

•Black nylon shoulder carry strap.

NEW



\$39.95

240VAC MAINS FILTERS

NEW



PAC15

C.S.B.

240VAC MAINS SURGE PROTECTOR

Atmospheric discharges that cause power spikes and surges often occur in the AC mains reticulation system sometimes causing severe damage to appliances, computers, Hi Fi systems etc. Protection of any device can be achieved by simply inserting the PAC15 into the power point and plugging the appliance into the front of the PAC15. Built in M.O.V. circuitry absorbs any spikes and surges that enter the PAC15 through the AC power system before they reach the appliance. An amber indicator shows when the unit is working properly. If a large spike or surge occurs and the M.O.V.s are used to their limit they will break the circuit and the amber indicator will not glow. This means the PAC15 has prevented the appliance from being damaged.

•Approved by the Australian Dept of Minerals and Energy.

•Approval #: N11361.

\$29.95

NEW



PAC18

C.S.B.

240VAC MAINS SURGE PROTECTOR / LINE FILTER

This unit is similar to the PAC15 in that inbuilt M.O.V. circuitry prevents any AC power spikes or surges entering the appliance that it is protecting. An additional feature has been added to this unit. Line filtering and conditioning circuits have been included with the use of a toroid coil which suppresses electro magnetic interference (EMI) caused by other appliances operating in the AC system i.e. computers, neon starters, refrigerators etc. The PAC18 is rated at 10 amps and is sufficient for most domestic and some commercial applications. It is further enhanced by using low resistance circuitry which allows normal operation on earth leakage devices which are being used in all new building installations.

•Approved by the Australian Dept of Minerals & Energy.

•Approval # N11361

\$69.95

MAINS POWER LINE FILTERS

PAC20

SPIKE ARRESTOR WITH SIX POWER OUTLETS

- Converts any mains 240 volt power point into six fully protected power points.
- Protects computers, stereo systems, VCR's, TV sets from power line spikes.
- Removes high frequency noise and tones.
- Outlets feature protective shutters that prevent foreign objects being inserted.
- Approved by the Australian Dept of Minerals and Energy. Approval #: N11361

SPECIFICATIONS:

Rating:	10 amp/240 Volt AC
Max. Surge Current:	4500 amp
Spikes Dissipation Energy:	80 Joules @ 2nS
High Frequency Rejection:	1kHz to 100MHz
Attenuation:	20 to 40dB

\$79.95

D.B.



CPEP1

CONSUMER PREMISES EQUIPMENT PROTECTOR

This unique unit has been developed over the last twelve months to offer the maximum possible external protection to user equipment such as fax machines, computer modems and telephone answering machines. Both line and power inputs are protected. The CPEP1 substantially reduces the damaging effects of atmospheric discharge (lightning) which can occur in equipment connected into the telephone network. In addition power spikes and surges that are sometimes present in mains power lines are reduced.

USES:

- For protection of facsimile machines, computers with modem connections, telex machines, telephones, telephone answering and recording machines.

DESIGN:

- Status Display: Red neon indicates "power on", green neon indicates "correct earthing contact" and amber neon indicates "faulty wiring" requiring attention.
- Power Input/Output: plug & socket arrangement allows inline installation.
- Line Input/Output: Dual US modular telephone sockets used for connecting up the fax, telephone answering machine, modem etc.

PROTECTION:

- The unit uses a combination of both M.O.V.s and gas arrestor circuitry to prevent damage to home and office machinery which can amount to several hundred dollars in costly repairs and down time.
- Approved by the Australian Dept of Minerals and Energy.
- Approval #: N11361

\$64.95

C.S.B.



UNINTERRUPTABLE POWER SUPPLY

UPS500

BOX

500 WATT UNINTERRUPTABLE POWER SUPPLY

A standby regulated power supply system.

- Designed for computer systems and related peripherals.
- Provides protection against blackouts, brownouts, voltage fluctuations, power surges, spikes and line noise.
- Monitors 240 volt AC supplied to the system and removes any voltage transients and fluctuations prior to directing it through to the equipment. If AC power fluctuates beyond an acceptable level the UPS500 switches from normal to backup mode and continues to power the equipment with its own interior backup batteries until the AC power is returned to normal. At this point the UPS500 returns back to the normal mode and proceeds to recharge its batteries.
- Audible alarm buzzer sound when unit transfers to back up power. This allows you to make backups or shutdown your computer system before any damage or data loss can occur. Buzzer can manually be turned off once the situation has been discovered.
- Approved by the Australian Dept of Minerals and Energy.

SPECIFICATIONS:

Output Rating (Under Load):	500 watts
Voltage Unit Switches To Backup:	204 and 260 volts AC
Voltage Unit Switches To Normal:	212 and 252 volts AC
Input/Output Frequency:	50Hz or 60Hz
Typical Recharge Time:	10-12 Hours
Time Unit Takes To Switch Over:	4mS (typical)/8mS (max)
Voltage Regulation:	+/-5%
Audible Alarm:	Buzzer and LED Indicators
Overload Protection:	3.15 amp
Internal DC Fuse:	40 amp
Dimensions:	144 x 242 x 436mm
Weight:	20.5kgs
Safety:	According to IEC 380 and AS3250.

\$1799.00

NEW



MAGNETIC ERASER / DATA CASSETTE / DISC CLEANERS/JOYSTICK EXTENSION

MBE1 D.B.
MAGNETIC BULK ERASER

Quickly erases computer data from discs and tapes. Can also be used for erasing cassettes, video tapes and other magnetic tape.

- Reduces noise levels below the recorder's tape erase head level.
- 240 volt AC 50Hz operation.

**\$59.95****CTC20 10 PCS/BOX**
COMPUTER DATA CASSETTE

Computer cassette tapes designed for data storage and retrieval. Each cassette stores up to 20 minute (10 minutes each side) of data.

- High quality tape ensures safe transferral of data.

**\$2.25****FDC1 S.B.P.**
5.25" FLOPPY DISC DRIVE CLEANER

Non abrasive disc drive cleaner for use in 5 & 1/4" disc drives. Can be used in both single sided and double sided disc drives.

- Contains one cleaning disc which can be used up to 15 times.
- Comes with safe formulated cleaning fluid.

**\$6.95****FDC3 S.B.P.**
3.5" FLOPPY DISC DRIVE CLEANER

Non abrasive disc drive cleaner for use in 3 1/2" disc drives. Can be used in both single sided and double sided disc drives.

- Contains one cleaning disc which can be used up to 15 times.
- Comes with safe formulated cleaning fluid.

**\$7.95****FDC5 S.B.P.**
3" FLOPPY DISC DRIVE CLEANER

Non abrasive disc drive cleaner for use in 3" disc drives as used in most Amstrad personal home and office computers. Can be used in both single sided and double sided disc drives.

- Contains one cleaning disc which can be used up to 15 times.

**\$8.95****JL2 S.B.P.**
COMPUTER JOYSTICK EXTENSION LEAD

9 pin joystick plug to socket extension lead. Enables the user to operate the joystick further away from the computer game and TV set.

- Fits all 9 pin joysticks and input sockets.
- Length: 3 metres.

\$9.95

COMPUTER GAME JOYSTICK

JCS3 D.B.
COMPUTER/VIDEO GAME JOYSTICK CONTROLLER

Deluxe micro switch controlled joystick with standard 9 pin plug.

- Dual firing buttons contoured for comfort and quick response.
- Lightweight design maximises comfort and playing time.
- Built in rapid fire button.
- Handle is contoured to sit correctly in your hand.
- Stabilizing rubber suction feet.
- Suitable for use any compute or video game with a standard 9 pin input socket and with the following computer and game systems:
 - * Atari Video and 400/800 computers.
 - * Commodore VIC 20/64.
 - * Amstrad CPC464.
 - * Sears Games.
 - * SVI 318/328 Computers.

\$34.95

COMPUTER LEADS WITH USER CHANGEABLE INTERNAL WIRING

The following range of computer leads have been specifically designed for both standard and non standard computer interfacing as they have the unique feature of being able to be easily opened and reconfigured without the need for specialized equipment.

- Each has a crimp pin terminal which can be easily transferred from one pin to another with a pair of tweezers or pliers. The wire connector simply slips on and off the pin removing the need for soldering.
- Each lead is fully mylar shielded which helps to prevent problems associated with RFI (Radio Frequency Interference).
- All pins and contact are gold plated.
- Spare jumper leads are supplied with each lead. These allow bridging between single and double pins on the same plug. IE: 1 to 1 or 1 to 2.
- Each lead is protected with a grey flexible PVC.

**9 PIN "D" SERIES**

All 9 pins wired straight through.

CL2

9 pin plug to 9 pin plug.
•Length: 1.5 metres.

\$24.95

CL5

9 pin plug to 9 pin socket.
•Length: 3.0 metres.

\$29.95



S.B.P.

25 PIN "D" SERIES

Pins 1 to 8 and pin 20 wired straight through.

CL10

25 pin plug to 25 pin plug.
•Length: 1.5 metres.

\$26.95

CL13

25 pin plug to 25 pin socket.
•Length: 3.0 metres.

\$34.95

CL11

25 pin plug to 25 pin plug.
•Length: 3.0 metres.

\$34.95



S.B.P.

15 PIN "D" SERIES

All 15 pins wired straight through.

CL6

15 pin plug to 15 pin plug.
•Length: 1.5 metres.

\$22.95

CL8

15 pin plug to 15 pin socket.
•Length: 3.0 metres.

\$36.95



S.B.P.

25 PIN "D" SERIES

All 25 pins wired straight through.

CL21

25 pin plug to 25 pin plug.
•Length: 1.5 metres.

\$39.95

CL23

25 pin plug to 25 pin socket.
•Length: 3.0 metres.

\$49.95

CL22

25 pin plug to 25 pin plug.
•Length: 3.0 metres.

\$49.95



S.B.P.

COMPUTER LEADS - SWITCHABLE / CENTRONICS / TANDY

**CL9****SWITCHABLE 25 PIN "D" SERIES COMPUTER LEAD**

25 pin "D" plug to 25 pin "D" plug (RS232) lead with DIP switches for quick and simple wiring configuration changes.

•Allows various combinations for TXD (transmitted data), RXD (received data) and HS (handshake) between the following:

Computer End: Pins 2/3/4/5/6/8 & 20.

Terminal End: Pins 2/3/4/5/6/8/11/14/19 & 20.

•Five connecting wires including ground wire.

•Two wires connected straight through.

•Three wires are switchable.

•Gold plated pins and contacts.

•Length: 2 metres.

\$39.95

S.B.P.

**CL25****36 PIN CENTRONICS LEAD**

36 pin centronics plug to 36 pin centronics plug for connecting computers, printers and peripherals.

•All 36 pins are wired straight through.

•Each is solder terminated.

•Moulded plugs.

•Gold plated pins and contacts on both plugs.

•Mylar Shielded.

•Colour: Beige.

•Length: 1.5 metres

\$29.95

S.B.P.

COMPUTER

COMPUTER LEADS



CL33 **S.B.P.**
36 PIN CENTRONICS TO 25 PIN "D" PLUG LEAD
 Designed for connecting computers to printers.
 • IBM XT/AT compatible
 • Computer end: 25 pin "D" plug/Printer end: 36 pin centronics plug
 • Pins & contacts on both plugs are gold plated and solder terminated.
 • Mylar Shielded.
 • Colour: Grey.
 • Length: 1.8 metres
\$21.95



CL35 **S.B.P.**
MACINTOSH PLUS TO PERIPHERAL LEAD
 9 pin "D" series socket to 8 pin mini DIN plug designed for connecting Macintosh plus computers to Apple peripherals
 • Moulded connectors both ends.
 • Mylar shielded against RF interference.
 • Colour: Grey.
 • Length: 1.8 metres
\$12.95



CL36 **S.B.P.**
MACINTOSH PLUS TO IMAGE WRITER II PRINTER
 8 pin mini DIN plug to 8 pin mini DIN plug designed for connecting a Macintosh plus computer to an Apple image writer II printer.
 • Moulded connectors both ends.
 • Mylar shielded against RF interference.
 • Colour: Cream.
 • Length: 3 metres
\$12.95

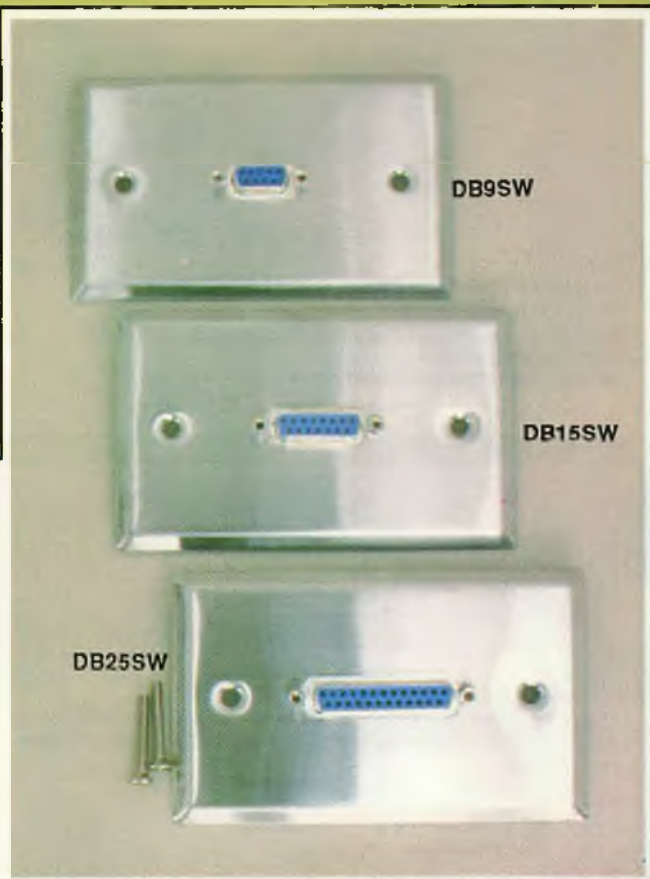


CL39 **S.B.P.**
MACINTOSH PLUS TO APPLE PERIPHERAL
 8 pin mini DIN plug to 9 pin "D" series plug designed for connecting a Macintosh plus computer to an Apple modem or other peripheral.
 • Moulded connectors both ends.
 • Mylar shielded against RF interference.
 • Colour: Cream.
 • Length: 1.8 metres
\$12.95



NEW
CL50 **S.B.P.**
MACINTOSH NETWORK CONNECTOR/ADAPTOR
 35cm long cable assembly designed for connecting external laser printers, dot matrix printers, Macintosh computers etc into an existing Apple Macintosh local area network (LAN) system.
 • 8 pin mini DIN plug to two 6 way 4 wire modular sockets.
 • Dual socket input/output allows easy inline installation without having to completely rewire the existing network.
 • Complete with 100k ohm dummy load for any unused outputs.
 • Colour: Cream. • Length: 35cm.
\$55.95

WALLPLATES



DB9SW **S.B.P.**
WALLPLATE WITH 9 PIN "D" SERIES SOCKET
 Anodised aluminium computer wallplate.
 • Complete with mounting hardware.
\$6.95

DB15SW **S.B.P.**
WALLPLATE WITH 15 PIN "D" SERIES SOCKET
 Anodised aluminium computer wallplate.
 • Complete with mounting hardware.
\$4.95

DB25SW **S.B.P.**
WALLPLATE WITH 25 PIN "D" SERIES SOCKET
 Anodised aluminium computer wallplate.
 • Complete with mounting hardware.
\$6.95

COMPUTER ACCESSORIES



CAS8 PLUG TO PLUG
CAS9 SOCKET TO SOCKET
25 PIN "D" SERIES GENDER CHANGER.

S.B.P.

For modifying or replacing non mating 25 pin "D" series RS232 cables.
•All 25 pins are wired straight through and all pins are gold plated.

\$12.95

CAS23 9 PIN PLUG TO 25 PIN SOCKET
CAS24 9 PIN SOCKET TO 25 PIN PLUG
9 PIN "D" SERIES TO 25 PIN "D" SERIES ADAPTORS

S.B.P.

•All pins and contacts are gold plated.
•Supplied with mounting hardware.

\$9.95

CAS11
INLINE 25 PIN "D" SERIES NULL MODEM

S.B.P.

25 pin "D" series plug to 25 pin "D" series socket.
•Pins 2 & 3 are reversed and all other pins are wired straight through.
•All pins and contacts are gold plated.

\$12.95

CAS12 "D" PLUG TO MODULAR SOCKET
CAS13 "D" SOCKET TO MODULAR SOCKET
25 PIN "D" SERIES MODEM ADAPTOR

S.B.P.

25 pin "D" series plug or socket to a 6 way 6 wire modular socket.
•All pins and contacts are gold plated.

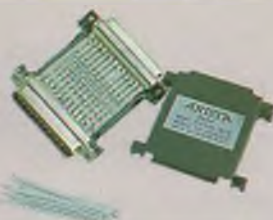
\$9.95

CAS5
INLINE 25 PIN "D" SERIES SWITCHING BOX

S.B.P.

25 pin "D" series plug to 25 pin "D" series socket with DIP switches connecting internal wires. Allows quick and simple wiring reconfigurations.

•All pins and contacts are gold plated.

\$14.95

CAS4
INLINE 25 PIN "D" SERIES PATCH BOX

S.B.P.

25 pin "D" series plug to 25 pin "D" series socket. Allows quick and simple internal wiring reconfigurations as each pin has a solder terminating hole on the PCB. Simply solder up one of the leads provided from one hole to another in any combination.

•All pins are gold plated. •Supplied complete with 25 pretinned leads.

\$16.95

CAS6
INLINE 25 PIN "D" SERIES MINI TESTER

S.B.P.

25 pin "D" series plug to 25 pin "D" series socket mini tester.
•Dual coloured LEDs indicate activity and direction on seven lines.

Lines Monitored:

T.D.	Transmit Data	R.D.	Receive Data
R.T.S.	Request To Send	C.T.S.	Clear To Send
D.S.R.	Data Set Ready	C.D.	Carrier Detect
D.T.R.	Data Terminal Ready		

\$24.95

CAS7
INLINE 25 PIN "D" SERIES WIRING BOX

S.B.P.

25 pin "D" series plug to 25 pin "D" series socket. Allows quick and simple internal wiring reconfigurations as each pin has a spring terminal. Simply terminate one of the leads provided from one hole to another in any combination.

•25 leads with tinned ends supplied.
•All pins and contacts are gold plated.

\$25.95

COMPUTER

MINI TESTER



CAS1

INLINE 25 PIN "D" SERIES SURGE PROTECTOR

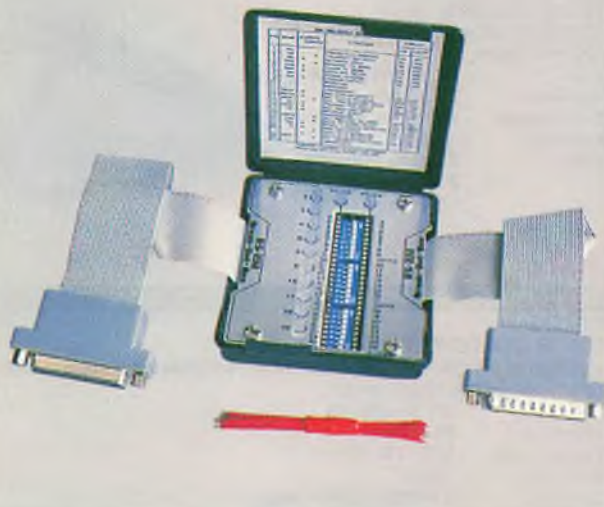
25 pin "D" series plug to 25 pin "D" series socket line surge protector. Helps to avoid costly computer and peripheral damage from voltage peaks caused by lightning etc.

- Uses metal oxide varistors to suppress voltages above 26 volts on pins 2, 3 and 7.
- Handles up to 1 joule and 250 amp peak.
- All pins and contacts are gold plated.

\$24.95

S.B.P.

BREAK OUT BOX



CAS18

INLINE 25 PIN "D" SERIES BREAK OUT BOX

A simple way of checking and monitoring 25 pin "D" series (RS232) inputs, outputs and connecting cables. No external power is required and supplied with two attached connecting leads with inline plug and socket. No other connecting leads are needed as the break out box simply fits inline between the computer and the peripheral.

- 10 signal powered LEDs monitor and indicate standard activities.
- 2 spare LEDs can easily be connected into the system for miscellaneous lines.
- 24 DIP switches allow you to cut out or reconfigure lines and circuits.
- Spring terminals allow patching into any of the 24 active lines for external monitoring or testing.

\$99.95

S.B.P.

SPECIFICATIONS:

- | | |
|---------------|---|
| Connectors: | 25 pin "D" series plug and socket. |
| Indicators: | Tricolour monitoring LED indicators for TD/RD/RTS/CTS/DSR/CD/TC/RC/DTR. |
| Jumper Wires: | 20 pre-tinned pieces for pin reconfiguring. |
| Power: | No external power required. |
| Enclosure: | Black high impact compact plastic case. |
| Dimensions: | 85(W)x95(D)x30(H)mm-80mm long leads. |

COMPUTER & PERIPHERAL SWITCHING DEVICES

CAS14

COMPUTER/PRINTER/VIDEO GAME A-B SWITCHER

Economical 25 pin "D" series two way switching device.

- Allows two printers to be run off one computer and individually selected with the push of a button.
- Allows one printer to be run off two computers and individually selected with the push of a button.
- 1 x 25 pin "D" series plug to 2 x 25 pin "D" series sockets.

\$59.95

S.B.P.



CAS15

25 PIN TWO WAY DATA SWITCH & LINE MONITOR

Two way printer/peripheral/computer switch with 25 pin "D" series sockets and six dual coloured flow status indicators for signal checking and monitoring of TD/RD/RTS/CTS/DSR/DTR/CD lines.

- Allows two printers to be run off one computer and individually selected.
- Allows one printer to be run off two computers and individually selected.
- 1 x 25 pin "D" series socket to 2 x 25 pin "D" series sockets.
- Large two position rotary selector knob.
- Housed in heavy duty free standing metal beige cabinet.
- Dimensions: 200(W) x 150(D) x 68(H)mm.

\$99.95

S.B.P.



CAS16

36 PIN CENTRONICS TWO WAY DATA SWITCH

Two way printer/peripheral/computer switch with 36 pin centronics socket inputs.

- Allows two printers to be run off one computer and individually selected.
- Allows one printer to be run off two computers and individually selected.
- 1 x 36 pin centronics socket to 2 x 36 pin centronics sockets.
- Large two position rotary selector knob.
- Housed in heavy duty free standing metal beige cabinet.
- Dimensions: 200(W) x 150(D) x 68(H)mm.

\$99.95

S.B.P.



DM18 S.B.P.**STOP/START MICROPHONE**

With on/off switch for remote control of cassette player. Complete with desk stand.

SPECIFICATIONS:

Type: Omni directional
Impedance: 200 Ohm
Freq Response: 250Hz to 10kHz
Sensitivity: -74dB
Plugs: 2.5 mm (remote)
3.5mm (mic)

**\$5.95****DM626 W.F.B.**

MULTI COLOURED MICROPHONES
A range of inexpensive coloured body microphones complete with anti "pop" grilles, on/off switch.

Type: Uni directional
Impedance: 600 Ohm
Freq Response: 100Hz to 15kHz
Sensitivity: -76dB
Cord/plug: 3 metre/6.35mm plug
Colours: Black/blue/gold/red/white/yellow

\$15.95**DM702 S.B.P.**

PAIR OF MATCHED DYNAMIC MICROPHONES
With black plastic bodies, chrome mesh grilles, and desk stands. On/off switch.

SPECIFICATIONS:

Type: Omni directional
Impedance: 500 Ohm
Freq Response: 80Hz to 12kHz
Sensitivity: -73dB
Cord/plug: 3 metre/6.35mm plug

\$14.95**DM810 W.F.B.**

MICROPHONE WITH BASS AND TREBLE CONTROL
Ideally suited for low cost mixers without graphic equalizers. Also adds depth to acoustically flat rooms and halls. Finished in a satin silver with black metal mesh grille.

SPECIFICATIONS:

Type: Uni directional
Impedance: 600 Ohm
Freq Response: 80Hz to 12kHz
Sensitivity: -70dB
Cord/plug: 3 metre/6.35mm plug

\$29.95**DM800D W.F.B.**

DUAL IMPEDANCE MICROPHONE
Looks and performs like some of the more expensive type microphones. Finished off in a champagne gold coloured plastic body with matching metal grille. Comes complete with microphone clip.

SPECIFICATIONS:

Type: Uni directional
Impedance: 600/50k Ohm
Freq Response: 100Hz to 10kHz
Sensitivity: -78dB (low), -60dB (high)
Cord/plug: 3 metre/6.35mm plug

\$39.95**DM802 W.F.B.**

DUAL IMPEDANCE MICROPHONE
Microphone made with zinc diecast metal with a non reflective matt grey finish. Fitted with an anti "pop" filter and with on/off switch. Comes complete with microphone clip.

SPECIFICATIONS:

Type: Uni directional
Impedance: 600/50k Ohm
Freq Response: 50Hz to 14kHz
Sensitivity: -78dB (low), -65dB (high)
Cord/plug: 6 metre/6.35mm plug

\$44.95

DYNAMIC MICROPHONES

DM901

BALANCED MICROPHONE

Dynamic low impedance balanced microphone with black robust body and black metal grille. It comes with an on/off switch and 5 metre shielded lead with Cannon connector and 6.35mm mono phone plug.

•Replacement mesh balls and microphone inserts are available.

SPECIFICATIONS:

T type: Uni directional
Impedance: 600 Ohm
Freq Response: 50Hz to 15kHz
Sensitivity: -74dB
Cord/plug: 5 metre/6.35mm stereo plug

\$79.95

V.G.B.

DM902

BALANCED MICROPHONE - "AUDIO TECHNICA" INSERT

A heavy duty dynamic low impedance microphone with an "Audio Technica" (ATUS) insert. It has a metallic grey matt body that does not reflect light when used on stage. It comes with an on/off switch, Cannon connector and a microphone holder.

•Replacement mesh balls and microphone inserts are available.

SPECIFICATIONS:

T type: Uni directional
Impedance: 600 Ohm
Freq Response: 100Hz to 13kHz
Sensitivity: -73dB
Cord/plug: 5 metre/6.35mm plug

\$89.95

V.G.B.

See page 140 for a complete description and photograph of the latest addition to our comprehensive microphone range. Our top of the line model, number "CDM580" is a high quality fully balanced low impedance microphone with a genuine "SHURE" Insert.

DM905

BALANCED MICROPHONE WITH "AKG" INSERT

A top quality low impedance dynamic microphone finished off in a non reflective matt grey heavy duty aluminium body. The insert is the well known "A.K.G." and it is carefully mounted in a rubber anti shock holder. It comes complete with an on/off switch mounted on the body, Cannon connector, a fully shielded five metre cord and a microphone holder.

•Replacement mesh balls and microphone inserts are available.

SPECIFICATIONS:

T type: Uni directional
Impedance: 600 Ohm
Freq Response: 70Hz to 15kHz
Sensitivity: -77dB
Cord/plug: 5 metre/6.35mm plug

\$124.95

V.G.B.

DM904D

BALANCED MICROPHONE - "PRIMO" INSERT

This dynamic microphone is one of the best all round units on the market. As well as being balanced and dual impedance it has a high quality "Primo" rubber mounted insert. This microphone has a heavy duty metallic grey matt body that does not reflect light when used on stage. Complete with on/off switch, Cannon connector and a holder.

•Replacement mesh balls and microphone inserts are available.

SPECIFICATIONS:

T type: Uni directional
Impedance: 600/20k Ohm
Freq Response: 50Hz to 17kHz
Sensitivity: -76dB (low), -58dB (high)
Cord/plug: 5 metre/6.35mm plug

\$124.95

V.G.B.

DM903

BALANCED MICROPHONE - "PRIMO" INSERT

Low impedance dynamic microphone fitted with a high quality "Primo" insert. This microphone has a heavy duty metallic grey matt body that does not reflect light when used on stage. It comes with an on/off switch, Cannon connector and a microphone holder.

•Replacement mesh balls and microphone inserts are available.

SPECIFICATIONS:

T type: Uni directional
Impedance: 250 Ohm
Freq Response: 50Hz to 17kHz
Sensitivity: -78dB
Cord/plug: 5 metre/6.35mm plug

\$89.95

V.G.B.

CB & BASE STATION MICROPHONES

ECM19 BOX
ELECTRET MICROPHONE WITH FLEXIBLE GOOSENECK

High quality electret microphone complete with cast iron base and long flexible gooseneck. Low impedance output and 6.35mm mono phone plug allows direct connection to public address amplifiers, CB, Ham radio, communication equipment as well mixing consoles, preamplifiers and other audio systems. The electret insert is protected by a wire mesh grille and black anodised metal shroud. It also comes with a removable foam windscreens and on/off switch.

SPECIFICATIONS:

Type: Unidirectional (Electret)
Impedance: 1000 ohm (low impedance)
Freq. Resp.: 50 Hz - 12 KHz
Sensitivity: -65dB
Cord / plug: 3 metre cord with 6.35mm mono phone plug.

**\$79.95****DM780** D.B.
PROFESSIONAL BASE STATION/PUBLIC ADDRESS MIC

Heavy duty microphone with talk and lock down switch. The unit is finished in matt black. The microphone is protected by a black mesh grille and is supported by a 250mm long fully adjustable gooseneck. The unit also has a priority paging circuit.

SPECIFICATIONS:

Type: Unidirectional
Impedance: 600 ohm @ 1kHz
Freq. Response: 150Hz - 10kHz
Sensitivity: -72dB +3dB
Weight: 930 grams

\$114.95**DM28** BOX
DYNAMIC MICROPHONE WITH FLEXIBLE GOOSENECK

Versatile microphone ideal for use with amplifiers, mixing consoles and other studio/disco audio equipment. The base of the gooseneck has a standard 5/8" female screw thread for mounting the DM28 directly onto mixers or other desk mounting stands. It can also be used in conjunction with the "DM28B" cast iron base. This allows it to become a freestanding microphone for use with public address amplifiers, base stations and other communication systems. The high quality rubber mounted dynamic insert is protected by a metal mesh grille and removable metal slotted shroud. The microphone has both an on/off switch and is complete with a flexible gooseneck which allows the microphone head to be adjusted to any position.

SPECIFICATIONS:

Type: Unidirectional (Dynamic)
Impedance: 600 ohm (low impedance)
Freq. Resp.: 100 Hz - 12 KHz
Sensitivity: -76dB
Cord: 3 metre cord.
Plug: 3 pin male Cannon.

**\$69.95****DM28B** BOX
CAST IRON BASE FOR "DM28"

Heavy cast iron base with standard 5/8" male screw thread. Designed specifically for use with the Arista "DM28 - Dynamic microphone with flexible gooseneck" as well as any other microphone, gooseneck or lighting equipment with a standard 5/8" female screw thread. The overall base diameter is 130mm with rubber anti-slip feet.

**\$19.95****DM700** D.B.
HAND HELD CB MICROPHONE

This hand held low impedance microphone was designed with a push to talk switch built into the body specifically for use with CB radio and other communication equipment. Ideal for the car, truck and other mobile radios as well as base stations.

Type: Unidirectional
Impedance: 500 ohm (low impedance)
Freq. Resp.: 500 Hz - 10 KHz
Sensitivity: -56dB
Cord / plug: 2 metre curl cord/bare ends.

\$16.95**MH8** S.B.P.
CB MIC HOLDER

Metal screw mounting microphone holder designed for CB and other communication microphones. Mounting slot allows microphone to be quickly and easily held and removed.

**\$1.95**

ELECTRET WIRED MICROPHONES


ECM101 D.B.
MINIATURE TIE TACK MICROPHONE

Tiny 12 x 30mm microphone attaches to your tie or shirt for handsfree operation. Complete with tie clip and battery.

SPECIFICATIONS:

Type: Omnidirectional
 Impedance: 600 ohm (low impedance)
 Freq. Response: 50Hz - 15kHz
 Sensitivity: -65dB
 Cord/Plug: 6 metre/6.35mm plug
 Battery: 1.5V UM3/AA

\$29.95
ECM104 D.B.
TIE TACK MICROPHONE

Suits all types of cassette recorders and simply attaches to your tie or shirt. Complete with tie clip and battery.

SPECIFICATIONS:

Type: Omnidirectional
 Impedance: 600 ohm (low impedance)
 Freq. Response: 50Hz - 12kHz
 Sensitivity: -72dB
 Cord/Plug: 3 metre/3.5mm plug
 Battery: 1.5VLR44 OR SR44

\$49.95
ECM1603 V.G.B.
SLIMLINE ELECTRET MICROPHONE

Anodised champagne aluminium body, mesh grille with built in windscreen and also comes with microphone holder and battery.

SPECIFICATIONS:

Type: Unidirectional
 Impedance: 600 ohm (low impedance)
 Freq. Response: 20Hz - 20kHz
 Sensitivity: -72dB
 Cord/Plug: 3 metre/6.35mm plug
 Battery: 1.5V UM3/AA

\$29.95
ECM502D V.G.B.
DUAL IMPEDANCE ELECTRET MICROPHONE

Slimline Anodised silver finish with on/off switch, foam windshield, microphone holder and battery.

SPECIFICATIONS:

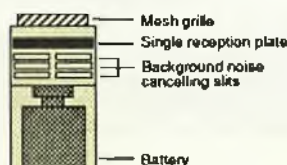
Type: Unidirectional
 Impedance: 600/50k ohm (dual impedance)
 Freq. Response: 20Hz - 20kHz
 Sensitivity: Low -68dB, High -57dB
 Cord/Plug: 4.5 metre/6.35mm plug
 Battery: 1.5V UM3/AA

\$49.95
ECM2110 V.G.B.
BACK ELECTRET MICROPHONE

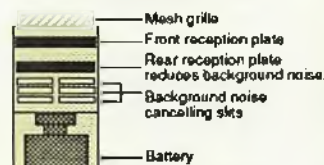
Elegant slimline super directive microphone with a new dual reverse back electret element to keep background noise to minimum. Satin Silver finish with a metallic mesh grille. Fitted with on/off switch, Cannon connector and comes complete with a microphone clip and battery.

SPECIFICATIONS:

Type: Unidirectional
 Impedance: 600 ohm (low impedance)
 Freq. Response: 50Hz - 18kHz
 Sensitivity: -68dB
 Cord/Plug: 3 metre/Cannon to 6.35mm plug
 Battery: 1.5V UM3/AA

\$59.95
Normal Electret
 Side View


Electret microphones should be aimed directly at the subject so all wanted audio signals enter the microphone from the "front reception plate" only. All background noise that enters the microphone from both the "front reception plate" and the "slots" on the rear are automatically cancelled out leaving the subject signal only.

Back Electret (ECM2110)
 Side View


The ECM2110 increases the reception of background noise from behind the microphone by utilizing both a "rear reception plate" and "slots". This ensures a greater amount of background noise is cancelled out leaving a much clearer, clearer signal from the subject in front of the microphone.

ELECTRET WIRELESS MICROPHONES

**ECM450**

V.G.B.

FM WIRELESS MICROPHONE

This microphone can be received on any FM radio or tuner. Finished in a matt grey with a black metal mesh grille. Complete with on/off switch.

SPECIFICATIONS:

Type: Omnidirectional
 Freq. Response: 50Hz - 15kHz
 Tuning Range: 92-104 MHz
 Receiving range: 300 feet in open field
 Battery: 9 volt (006P size)

\$24.95**ECM510**

S.B.P

FM WIRELESS MICROPHONE

Slimline with stainless steel body can be received on any FM radio or tuner. Fitted with on/off switch and comes with a microphone holder.

SPECIFICATIONS:

Type: Omnidirectional
 Freq. Response: 50Hz - 14kHz
 Tuning Range: 88-108 MHz
 Field strength: 15µV/50m
 Battery: 1.5V UM3/AA

\$29.95**ECM550**

D.B.

TIE TACK WIRELESS MICROPHONE

Miniature ball head tie tack tuneable microphone fitted with on/off switch. Comes complete with tie tack clip microphone and battery.

SPECIFICATIONS:

Type: Unidirectional
 Freq. Response: 50Hz - 16kHz
 Tuning Range: 88-108 MHz
 Field strength: 15µV/100m
 Battery: 1.5V LR44 or SR44

\$39.95**ECM541**

D.B.

WIRED AND WIRELESS MICROPHONE

Slimline microphone can be used as a standard wired type microphone or a wireless mic that can be used on any FM radio or tuner. Comes complete with on/off switch, foam windshield, battery and microphone holder.

SPECIFICATIONS:

Type: Omnidirectional
 Impedance: 600 Ohm (low impedance)
 Freq. Response: 50Hz - 16kHz
 Tuning Range: 88-108 MHz
 Field strength: 15µV/100m
 Plug: 6.35mm
 Battery: 1.5V UM3/AA

\$44.95**WMS371**

D.B.

CRYSTAL LOCKED HANDHELD WIRELESS MICROPHONE AND RECEIVING SYSTEM

Crystal locked FM wireless microphone and receiver at an affordable price. No hard wiring or installation time as the receiver simply plugs into the microphone input on most public address amplifiers, tape or cassette decks. The system can be easily turned on/off and controlled during use as it has both a high/low sensitivity switch as well as an on/off switch. The receiver section also has a power switch, LED indicator and an input for an external power supply (Arista PP139 recommended). Both units are battery operated for portability.

SPECIFICATIONS: TRANSMITTER

Type: Unidirectional-electret
 Transmitting Freq: 37.1MHz
 Freq. Response: 50Hz - 15kHz
 Tuning Range: 88-108 MHz
 Battery: 9 volt (006P size)
 Range: 300 feet in open field

SPECIFICATIONS: RECEIVER

Receiving Freq: 37.1MHz
 Power Supply: 9 volt (006P size)
 or PP139 plug pack (optional)
 Output: 30mV
 Output Plug: 3.5mm mono phone plug

\$119.95

WIRELESS MICROPHONE SYSTEMS

WMS374
TWO CHANNEL CRYSTAL LOCKED WIRELESS MICROPHONE SYSTEM

V.G.B.

Finally, a single unit that will receive two wireless crystal locked microphones. This system has a two channel receiver with individual volume on/off controls for each microphone. Two microphones are supplied. Each of them is locked on a separate frequency which allows both microphones to be used simultaneously without causing interference to each other. One microphone is a handheld type and the other microphone supplied is a handsfree lapel tie tack mic. Both microphones and the receiver are battery operated with the receiver also having a DC power input socket which allows the use of an optional power pack. Installation and operation is quick and simple as the receiver is connected to either the microphone or auxiliary input on your amplifier which makes the system ideal for bands, mobile public address systems, etc.

TRANSMITTER SPECIFICATIONS:

Microphone Type: Electret condenser
 Transmitting Freq.: Handheld Mic 37.1MHz/ lapel Mic 40.1MHz
 Freq Resp: Handheld Mic, 50Hz-15KHz/ lapel Mic, 70Hz - 12KHz
 Power supply: Handheld Mic-9 volt DC 006P/ lapel Mic- 3 x UM3/AA
 Dimensions: Handheld Mic, 185(L) x 40(W) x 25(D)mm.
 Lapel Mic, 60(W) x 21.5(D) x 86(H)mm

RECEIVER SPECIFICATIONS:

Receiving Freq: 37.1 MHz and 40 MHz
 Receiving system: Superheterodyne crystal controlled
 Freq Resp: 30Hz to 15KHz
 Audio output level: Aux out:250mV Mic out:50mV
 Batteries: 2 x 9 volt DC (006P type)
 power consumption: 20mA with one channel operating
 40mA with two channels operating
 Dimensions: 190(W) x 150(D) x 55(H)mm
 Weight: 830 grams

\$239.95**WMS202**
PROFESSIONAL CRYSTAL LOCKED WIRELESS MICROPHONE SYSTEM

V.G.B.

This powerful and sensitive high quality microphone system is extremely simple to operate. Comprising 240V a.c. operated receiver complete with carrier and output signal level indicators volume control. It connects directly into the microphone input on your amplifier and also has an external 75 ohm antenna output to extend the receiving range. Interference and other noise levels are kept to minimum and high quality components are used in both the receiver and the microphone. The handheld unidirectional dynamic microphone supplied with the system features a power on LED and an in-built muting circuit which ensures low noise levels as the unit is switched on and off during use. Designed specifically for stage and theatre work this system is ideal for any situation where wired microphone systems cannot be used.

TRANSMITTER SPECIFICATIONS:

Microphone Type: Unidirectional dynamic insert
 Transmitting Freq.: 202.5MHz approved frequency.
 Freq stability: 0.005%
 Modulation system: Crystal controlled
 RF output power: 20mW
 Harmonic/spurious output: Less than -45dB below carrier
 Max frequency Deviation: +/-50KHz
 S/N ratio: Better than 87dB
 Power supply: 3 x UM3/AA size
 Dimensions: 235(L) x 50(W)mm
 Weight: 280 grams

\$599.95

RECEIVER SPECIFICATIONS:

Receiving System: Single Heterodyne Conversion FM detector system.
 Receiving Freq: 202.5MHz approved frequency.
 Antenna Impedance: 75 Ohms
 RF sensitivity: 0.7µVolts - adjustable
 S/N ratio: Better than 90dB
 Squelch Threshold: 10µV- adjustable
 Image /spurious Rejection: At least -60dB.
 Audio output level: 250mV at 600 ohm load.
 Output Harmonic Distortion: Less than 0.5%
 Power supply: 240VAC/50Hz
 Dimensions: 200(W) x 190(D) x 54(H)mm
 Weight: 1.5kg

**WFM 360**
TIE TACK MICROPHONE

V.G.B.

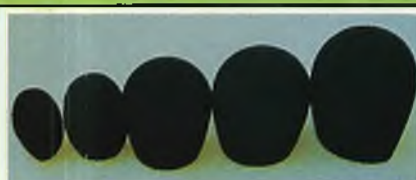
This super sound pocket lavalier type wide band radio microphone is designed to operate as an alternate microphone for the WMS202 system. It transmits on the same frequency as the handheld microphone supplied with the above system.

TRANSMITTER SPECIFICATIONS:

Microphone Type: Unidirectional electret
 Transmitting Freq.: 202.5MHz
 Freq stability: 0.005%
 Modulation system: Crystal controlled
 Power supply: 3 x UM3/AA size
 Dimensions: 62(W)x22(D)x97(H)mm
 Weight: 230 grams with battery

\$154.95

WINDSCREENS / TRANSFORMERS / PATCH CORDS / LEADS

**FOAM WINDSCREENS**

- WS1 \$4.95 Inner diameter-22mm
 WS2 \$4.95 Inner diameter-25mm
 WS3 \$5.95 Inner diameter-35mm
 WS4 \$5.95 Inner diameter-40mm
 WS5 \$6.95 Inner diameter-50mm

Foam windscreens designed to reduce wind and popping noises that can occur with stage and studio microphones.
 •All models are in black.

LT5 P.B.H. LINE TRANSFORMER

Designed for coupling from 600 ohm line to amplifier input stages.
 •Avoids circuit isolation hum loops.

\$9.95**MT8 P.B.H. MIC TRANSFORMER**

Low to high microphone impedance matching transformer.
 •600 ohm to 47K ohm

\$6.95**MP635 D.B. 6.35MM PLUG WITH COUNTER**

6.35mm brass microphone plug with eight digit counter.

•Designed to aid in the identification of microphone and other connecting leads when you have several patching into a multi channel mixer or amplifier.

\$6.95**MB904 REPLACEMENT MESH BALL**

Suits most standard microphone head shell threads.
 •Fits Arista "DM904".
 •Fits most shure type microphones.

\$18.95**PC150****PC151****PC150 PC151****\$10.95 \$14.95****COLOUR CODED EQUIPMENT PATCH LEADS**

Each set contains five 30 cm lengths of fully shielded cable with moulded connectors ideal for patching together musical instrument control panels, mixing consoles etc.

•PC150 has right angled mono 6.35mm plugs on each end.

•PC151 has straight stereo 6.35mm plugs on each end.

•Colours: Black, Blue, Green, Red, White.

S.B.P.**SCC2 V.B.H. BLACK CURL CORD CABLE**

Length: 1.8 metres extended
 Cores: 1 shielded and 2 unshielded
 Conductors: 11/0.12mm

\$3.95**ML5 ML6 \$26.95 \$34.95 V.B.H.****CANNON SOCKET TO 6.35MM PLUG MICROPHONE LEAD**

Black P.V.C twin core shielded cable.

**ML8 BOX 6.35MM PLUG TO 6.35MM SOCKET EXTENSION LEAD**

Length: 5 metres
 Black P.V.C shielded curly cord cable.

\$18.95**ML10 ML20 \$44.95 \$59.95 D.B.****CANNON MALE TO CANNON FEMALE EXTENSION LEAD**

Black P.V.C twin core shielded cable.

**ML100 S.B.P.**

Musical Instrument Digital Interface lead. Suits MD82 MIDI patchbox (Page 138) Black P.V.C shielded cable.

\$13.95**GL6 GL8 NEW \$19.95 \$12.95 V.B.H.****6.35MM METAL PLUG TO PLUG GUITAR LEAD**

GL6 - Superb low loss high quality cable and connectors.
 GL8 - Black PVC shielded curl cord cable.

**PC154 V.B.H. TWO METAL RCA PLUGS TO TWO METAL 6.35MM PLUGS**

Black P.V.C twin core shielded cable.
 Both 6.35mm plugs are mono.

\$14.95

MATCHING TRANSFORMERS / ADAPTORS / HOLDERS



MT2 **S.B.P.**
MICROPHONE MATCHING TRANSFORMER
 Line matching transformer for matching low impedance balanced line microphones into amplifiers with high impedance microphone inputs.
 Input: 500 ohm balanced line female Cannon socket
 Output: 50k ohm unbalanced 6.35mm plug
 Dimensions: 110 x 19mm diameter

\$29.95

MT4 **S.B.P.**
MICROPHONE MATCHING TRANSFORMER
 Line matching transformer for matching low impedance balanced line microphones into high impedance inputs.
 Input: 500 ohm balanced line female Cannon socket
 Output: 50k ohm unbalanced Cannon plug
 Dimensions: 130 x 19mm diameter

\$29.95

MT6 **S.B.P.**
MICROPHONE MATCHING TRANSFORMER
 Line matching transformer for matching unbalanced inputs into a balanced system.
 Input: 50k ohm unbalanced 6.35mm socket
 Output: 600 ohm balanced Cannon plug
 Dimensions: 110 x 19mm diameter

\$29.95

JP3M **S.B.P.**
MALE TO MALE JOINER
 3 pin Cannon male to 3 pin Cannon male.
 • Joins two 3 pin female Cannon connectors.

**\$7.95**

JP3F **S.B.P.**
FEMALE TO FEMALE JOINER
 • 3 pin Cannon female to 3 pin Cannon female.
 • Joins two 3 pin male Cannon connectors.

**\$9.95**

MH2 **S.B.P.**
MICROPHONE HOLDER
 Plastic holder with a taper for holding 22mm diameter microphones with a 3 degree taper.
 • 5/8" x 27 thread • Colour: Black.

\$4.95

MH3 **S.B.P.**
SPRING MICROPHONE HOLDER
 Spring loaded jaws holds most microphones.
 • 5/8" x 27 thread • Colour: Black.

\$6.45

MH4 **S.B.P.**
HEAVY DUTY SPRING MIC HOLDER
 Large spring loaded jaws can be used either as a microphone holder or for clamping on to desks, cupboards, equipment etc.
 • 5/8" x 27 thread adaptor for mounting goosenecks or other microphone holders
 • Jaw Size: 25 x 80mm.
 • Opening Width: 55mm.
 • Colour: Black.

\$6.95

MH5 **NEW** **S.B.P.**
 High quality microphone holder, hard and flexible to prevent cracking or snapping during prolonged and frequent use.
 • Suits 22mm dia. mics with a 3 degree taper.
 • 5/8" x 27 thread • Colour: Black.

\$4.95

MH6 **S.B.P.**
STAND/BOOM MICROPHONE HOLDER
 Clips on to microphone stands and booms. Protrudes 160mm with a standard 5/8" screw adaptor.
 • Ideal for guitars, drum machines etc.
 • 5/8" x 27 thread • Colour: Black

\$11.95

MH7 **S.B.P.**
ANTI VIBRATION MICROPHONE HOLDER
 Stops vibrating noises originating from the microphone and going through your audio system.
 • Holder suspends microphone in an eight section rubber mount.
 • Fits most standard diameter microphones.
 • Ideal for guitars, drum machines etc.
 • Standard 5/8" x 27 thread.
 • Comes with a 5/8" to 3/8" screw adaptor.

\$10.95

MH8 **NEW** **S.B.P.**
CB MICROPHONE HOLDER
 Metal screw mounting microphone holder designed for CB and other communication equipment microphones.
 • Mounting slot allows microphone to be quickly and easily held and removed.

\$1.95

GOOSENECKS / BASES

GN15.B BLACK **S.B.P**
GN15.M SILVER
15 CM FLEXIBLE GOOSENECKS
 •Robust metal body and threads.
 •Standard 5/8" male and female threads.
\$7.45



GN33.B BLACK **S.B.P**
GN33.M SILVER
33 CM FLEXIBLE GOOSENECKS
 •Robust metal body and threads.
 •Standard 5/8" male and female threads.
\$9.95



GN33H.B BLACK **S.B.P**
GN33H.M SILVER
33 CM FLEXIBLE GOOSENECKS
 •Robust metal body and threads.
 •Standard 5/8" male and female threads.
 •Cable entry hole at each end.
\$10.95



GN53.B BLACK **S.B.P**
GN53.M SILVER
53 CM FLEXIBLE GOOSENECKS
 •Robust metal body and threads.
 •Standard 5/8" male and female threads.
\$11.95



GNB1.B BLACK **S.B.P.**
GNB1.M SILVER
GOOSENECK MOUNTING BASE
 Metal mounting base for goosenecks, microphone holders and any other brackets with a standard 5/8" female thread.
 •Complete with mounting holes and screws.
\$4.95

SCREW ADAPTORS

SA1 **V.B.H**
SCREW ADAPTOR
 1/4" female to 5/8" male
\$1.95



SA3 **V.B.H**
SCREW ADAPTOR
 1/4" female to 3/8" male
\$1.95



SA4 **V.B.H**
SCREW ADAPTOR
 3/8" female to 5/8" male
\$1.95



SA5 **V.B.H**
SCREW ADAPTOR
 5/8" male to 3/8" female
\$1.95



CC1 **5 PCS/V.B.H.**
CABLE CLIPS
 Secures cable to boom arm or floorstand
 •Suits stands and boom arms with 21mm dia.
\$1.95



DESK STANDS



DS1
ROUND BASE DESK STAND
 With heavy cast iron base ensures stability.
 •60mm height
 •5/8" male screw adaptor
\$11.95

BOX

DS2
ADJUSTABLE ROUND BASE DESK STAND
 Height adjustable with heavy cast iron base prevents toppling over.
 •Up to 350mm height-adjustable.
 •5/8" male screw adaptor
\$26.95

BOX

DS3
THREE LEGGED DESK STAND
 Folds up for easy storage and portability.
 •100mm height.
 •5/8" male screw adaptor.
 •Supplied complete with microphone holder.
\$7.95

S.B.P.

DS4
SQUARE BASE DESK STAND
 With weighted plastic base.
 •45mm height
 •5/8" male screw adaptor.
\$7.95

S.B.P.

FLOORSTANDS / BOOMARMS

**FS1** **BOX**
TRIPOD FLOOR STAND

Height adjustable floor stand with three collapsible legs.
 • Rubber feet to ensure stability on both rough and smooth surfaces.
 • Accepts all standard 3/8" and 5/8" fittings.

\$69.95**FS2** **BOX**
ROUND BASE FLOOR STAND

Height adjustable floor stand with heavy cast iron round base.
 • Rubber feet ensure stability on both rough and smooth surfaces.
 • Accepts all standard 3/8" and 5/8" fittings.

\$59.95**FSBA1** **BOX**
FLOOR STAND WITH BOOM ARM

Combination of "FS1" stand and "BA1" boom.
 • Height adjustable
 • Collapsible legs with rubber feet to ensure stability on both rough & smooth surfaces.
 • Boom arm with 3/8" and 5/8" male adaptor.

\$99.95**BA1** **BOX**
BOOM ASSEMBLY

Mounts on top of stands with standard 3/8" and 5/8" fittings.
 • Suits microphone clips with standard 3/8" and 5/8" fittings.
 • Adjustable boom angle and length from pivot.

\$27.95**BA2** **BOX**
BOOM ASSEMBLY

Mounts anywhere along stand pipe and acts as a second boom arm.
 • Suits microphone clips with standard 3/8" and 5/8" fittings.
 • Adjustable boom angle and length from pivot.

\$24.95**FS4** **BOX**
MULTI PURPOSE MEDIUM DUTY FLOOR STAND

Ideal for mounting speaker boxes, horn speakers, projectors, etc.
 • Three collapsible tubular aluminium legs.
 • Strut supported for extra strength.
 • Extends up to 1800mm high.
 • Flat bed head bracket with screw mounting holes allows this stand to be used for countless jobs.
 • Colour black

\$119.95**FS6** **BOX**
MULTI PURPOSE, HEAVY DUTY FLOOR STAND

Heavy duty multi purpose floor stand finished off in matt black, allows easy positioning of speaker boxes, etc. and is quick and easy to collapse when moving.
 Ideal for mounting speaker boxes, horn speakers, projectors, etc.
 • Three collapsible tubular aluminium legs.
 • Strut supported for extra strength.
 • Extends up to 1800mm high.
 • Flat bed head bracket with screw mounting holes allows this stand to be used for countless jobs.
 • Colour black.

\$159.95

MUSICAL INSTRUMENT ACCESSORIES / PATCHBOX / MIDI ADAPTOR

ST1000

D.B.

QUARTZ GUITAR TUNER

Generates a reference tone which allows the tuner to accurately respond to guitar and bass string vibrations.

- Six settings for different length, thickness and tensioned strings.
- Meter display indicates in both Hertz and Cents.
- Battery tester avoids inaccurate readings due to low power.
- In-built microphone allows testing of acoustic instruments.
- 6.35mm socket for testing electrical instruments.
- Amplifier output lets you listen to the sound of each string while tuning.
- Fold out desk stand on back of unit.

SPECIFICATIONS:

Notes/Pitch: 1E-32963Hz 2B-246.94Hz
3G-196Hz 4D-146.83Hz
5A-110.00Hz 6E-82.41Hz
Range: One octave above
and below each position
Battery: 9V 006P battery.

\$59.95



NEW

ST2000

D.B.

QUARTZ GUITAR TUNER WITH LED INDICATORS

High quality tuner with a quartz crystal oscillator which generates a reference tone for accurately tuning guitar and bass string vibrations.

- 6 settings for different length, thickness and tensioned strings.
- LED's indicate the tone being generated and which string it refers to.
- Meter display indicates in both Hertz and Cents.
- Battery testing mode avoids inaccurate readings due to low power.
- In-built microphone allows testing of acoustic instruments.
- 6.35mm socket for testing electrical instruments.
- Amplifier output for monitoring the sound of each string while tuning.
- Compact desk mount cabinet with angled front face.

SPECIFICATIONS:

Notes/Pitch: 1E-32963Hz 2B-246.94Hz 3G-196Hz
4D-146.83Hz 5A-110.00Hz 6E-82.41Hz
Tuning Range: One octave above & below each position
Battery: 9V 006P battery.

\$74.95



SM300

V.G.B.

ECHO AND REPEAT CHAMBER

Adds controlled repeat or echo to either two microphones or one line input. Helps to add life & depth to an acoustically "dead" hall or room. Features include a microphone/input volume control, delay time, repeat speed & echo volume controls as well as "delay out" and "mixed" audio signal outputs. This unit also has an input for a footswitch control.

SPECIFICATIONS:

Delay Time: 180m seconds
Input Sensitivity: Microphone: -46dB, Line: -20dB
Output Level: 30mV maximum
Frequency Response: 50Hz to 15kHz
Power Source: 9V 006P battery.
Optional Power Supply: 9Volt-100mA plug pack (Model PP139)
Inputs/outputs: 6.35mm mono phone sockets

\$69.95



WGS401

V.G.B.

CRYSTAL LOCKED WIRELESS GUITAR SYSTEM

This system consists of a wireless transmitter that connects directly to your guitar and a receiver that plugs into the microphone input on most amplifiers. Ideal for stage work as it eliminates the need for cables running between the performer and the amplifier/audio system.

SPECIFICATIONS-TRANSMITTER:

Frequency: 40.1MHz
Power Supply: 3 x UM3/AA penlight batteries
Plug Input: 6.35mm mono phone

SPECIFICATIONS-RECEIVER:

Frequency: 40.1MHz
Battery: 9V 006P battery.
Optional Power Supply: 9Volt-100mA plug pack (Model PP139)
Plug Output: 6.35mm mono phone

\$129.95



PB162

BOX

16 CHANNEL (16 X 2) PATCH BOX

Ideal for all studios, bands and audio workshops this patchbox has inputs and outputs designed to accept effects pedals, musical instruments, external amplifiers, equalizers and many other types of audio equipment. Both the input and output sides will handle up to 16 channels and can be used for both mono and stereo applications. The unit can be either freestanding or easily slotted into a standard 19" rack complete with rack mounting brackets

SPECIFICATIONS:

Inputs: 2 x 16 6.35mm mono phone sockets
Outputs: 2 x 16 6.35mm mono phone sockets
Dimensions: 460 (L) x 45(H) x 95(W)mm

\$199.95



MD82

D.B.

MIDI EXPANDER

This MIDI (Musical Instrument Digital Interface) expander is a parallel box designed especially for Digital Interfacing of most keyboards, sequencers and musical instruments with 5 pin DIN MIDI socket outputs. Switching allows one keyboard/sequencer to control up to eight keyboards or two keyboards/sequencers to control up to four keyboards each. Use in conjunction with MIDI interface connecting lead model "ML100" shown on page 136 of this catalogue.

SPECIFICATIONS:

Power Supply: DC 9-12 volts-100mA. Arista model PP112 plug pack (Not supplied)
Inputs: 2 x 5 pin DIN sockets
Outputs: 2 lines of 4 x 5 pin DIN sockets
Dimensions: 164 (L) x 30(H) x 72(W)mm

\$109.95

MIXERS


MM1
FOUR CHANNEL MICROPHONE MIXER

BOX

Its size and simplicity makes this mixer portable and easy to operate. It will accept up to four low impedance microphones and mix them through to one microphone output. Each microphone volume can be individually controlled and a master volume control attenuates the overall audio output level.

SPECIFICATIONS:

Inputs: 4 x 600 ohm 6.35mm phone sockets
 Output Impedance: 1.5k ohm
 Signal to Noise Ratio: 55dB
 Frequency Response: 20Hz to 20kHz +/-2dB
 Output Level: 90mV at 5mV input
 Power Supply: 9 volt DC (battery only)
 Dimensions: 148 x 46 x 86mm

\$59.95**MM3**

BOX

THREE CHANNEL DISCO MIXER WITH EQUALIZER

Small desktop or console mounting mixer with a microphone input and two stereo line or magnetic turntable inputs. It features cross fading and cue control between the two stereo channels, a five band graphic equalizer and a 5/8" screw adaptor fitting on the front console for mounting microphone holders or goosenecks.

SPECIFICATIONS:

Input Sensitivity: Mic: 1mV/10k ohm
 Phono: 3mV/50k ohm
 Line: 150mV/100k ohm
 Signal to Noise Ratio: Mic: -60dB
 Phono: -60dB
 Line: -75dB
 Output Level: 300mV @ 600 ohm
 Frequency Response: 20Hz to 20kHz +/-10dB
 Headphone Output: 150mV a @ 8 ohm
 Graphic Equalizer: 60Hz/250Hz/1kHz/4kHz/12kHz +/-12dB
 Power Supply: 240 Volt AC/50Hz
 Dimensions: 280 x 230 x 105mm

\$179.95
MM5
FIVE CHANNEL STEREO AUDIO MIXER

BOX

Compact portable mixer with independent bass and treble controls and two power analogue output VU meters. The cabinet is desk mounting and all faders and controls are mounted on an angled fascia for easier accessibility and reading.

- 1 x low impedance microphone input.
- 2 x stereo magnetic turntable inputs.
- 2 x stereo line inputs.
- Headphone monitoring on all channels.
- 18dB talk over switch.
- Output sockets for both the amplifier and tape deck.

SPECIFICATIONS:

Input Sensitivity: Mic: 0.3mV/600 ohm
 Phono: 3mV/50k ohm
 Line: 150mV/50k ohm
 Signal to Noise Ratio: 48dB
 Output Level: 1V @ 22 ohm
 Frequency Response: 20Hz to 20kHz +/-2dB
 Headphone Output: 1/8 watt at 8 ohm
 Power Supply: 240 Volt AC/50Hz
 Dimensions: 335 x 190 x 104mm

\$249.95**MM4**

BOX

FOUR CHANNEL STEREO AUDIO MIXER

Compact portable desk mount or panel mounting stereo mixer with five band graphic equalizer and twin LED display VU meters. It also has a 5/8" screw adaptor for mounting microphone holders or goosenecks directly onto the console.

- 1 x low impedance microphone input-switchable.
- 3 x stereo magnetic turntable inputs-switchable.
- 3 x stereo line inputs-switchable.
- Headphone monitoring on all channels.
- 18dB talk over switch.
- Output sockets for both the amplifier and tape deck.

SPECIFICATIONS:

Input Sensitivity: Mic: 1.5mV/10k ohm
 Phono: 1.5mV/50k ohm
 Line: 75mV/50k ohm
 Output Level: 1V @ 600 ohm
 Total Harmonic Distortion: Less than 1% at 1kHz
 Frequency Response: Mic: 30Hz to 16kHz +/-1dB
 Phono: 30Hz to 20kHz +/-1dB
 Line: 20Hz to 30kHz +/-1dB
 Hum and Noise: Mic: -52dB/Phono: -62dB/Line: -65dB
 Power Supply: 240 Volt AC/50Hz
 Dimensions: 360 x 260 x 85mm

\$399.95

DYNAMIC MICROPHONE - **Cutec**

CDM580

VGB

BALANCED MICROPHONE WITH "SHURE" INSERT

A brand new heavy duty studio quality microphone with a genuine "Shure" insert. It is fully balanced and comes complete with a standard 3 pin Cannon plug and 5 metre shielded cable. Designed specifically for working with professional and semi professional mixers, amplifiers and other sound reinforcement equipment. It has a robust metallic matt grey body with on/off switch which also makes it ideal for "live" on stage work.

SPECIFICATIONS:

Insert:	Genuine "Shure"
Polar Pattern:	Uni Directional
Impedance:	150 ohms
Freq. Response:	50Hz to 15kHz
Sensitivity:	-75dB
Cord/Plug:	5 metre/6.35mm stereo phone plug

\$299.95MIXERS - **Cutec**

MX2

FOUR CHANNEL STEREO AUDIO MIXER **Cutec**

BOX

This unit features individual left and right channel faders for stereo channels one and two as well as having a unique "echo" control which gives depth to the audio output. Ideal for flat or dead rooms or studios where the audio output is being channelled. It has left and right channel VU meters as well as a 5/8" microphone adaptor on the front panel designed for microphone goosenecks and holders.

- 2 x low or high impedance microphone inputs.
- 2 x stereo turntable or line inputs.
- Overload indicators on all channels.
- Fader control between the two stereo channels.
- Volume control on the headphone output.
- Output sockets for both an amplifier and tape or cassette.
- 18dB talkover switch.

SPECIFICATIONS:

Input Sensitivities:

Microphone:	0.5mV (-66dB)
Phono:	1.4mV (-57dB/1kHz)
Line:	80mV (-22dB)

Rated Outputs:

Line and Record Output:	0.6 (-4.5dB)
Headphone Output:	50mV (-26dB)
Maximum Output Level:	5.5V at 1kHz

Frequency Responses:

Microphone:	20Hz to 20kHz
Phono:	20Hz to 20kHz
Line:	20Hz to 50kHz

Signal to Noise Ratio:

Microphone:	55dB or more
Phono:	60dB or more
Line:	65dB or more

Talkover Mute:

-18dB

Echo Delay Time:

0-10 seconds

Overload Indicator Level:

Microphone:	40mV (-28dB)
Phono:	100mV (-20dB)
Line:	1300mV (+2.3dB)
Power Source:	240 Volt AC/50Hz
Dimensions:	482 x 85 x 266mm
Weight:	6.2 kgs

\$399.95

MX3

UNIVERSAL MIXER WITH EQUALIZER, ECHO AND BALANCED LINE MICROPHONE INPUTS **Cutec**

BOX

This mixer has six channels each of which has individual pan pot controls and position markers. It also utilises an echo control and repeat function for varying the audio output effect which can help to add depth to an otherwise dead or flat room. It has a left and right channel VU meters as well as LED rhythm indicators for channels one and two. The six band equalizer also gives up to 12dB cut or gain per band.

- 2 x balanced microphone inputs.
- 2 x unbalanced microphone or line inputs.
- 2 x stereo turntable or line inputs.
- 1 x master output fader control.
- Output sockets for both an amplifier and tape or cassette.
- Position markers for each channel.
- 5/8" microphone adaptor on front panel.
- Headphone monitoring on all channels.
- Headphone volume control.
- 18dB talkover switch.

SPECIFICATIONS:

Input Sensitivities:

Microphone:	0.5mV (-66dB)
Phono:	2.5mV/1kHz
Line:	150mV

Rated Outputs:

Line:	1.5V (-3dB)
Record Output:	0.7V (-3dB)
Headphone Output:	0.45mV

Frequency Responses:

Microphone:	8Hz to 23kHz
Phono:	30Hz to 20kHz
Line:	8Hz to 60kHz

Signal to Noise Ratio:

Microphone:	48dB or more
Phono:	70dB or more
Line:	82dB or more

Talkover Mute:

-18dB

Echo Delay Time:

0-10 seconds

Repeat:

Max 15 times

Equalizer Section:

Equalisation Ranges:	+/-12dB
Bands:	63Hz/250Hz/1kHz/3.5kHz/8kHz/12.5kHz
Power Source:	240 Volt AC/50Hz
Dimensions:	482 x 85 x 266mm
Weight:	5.3 kgs

\$799.95

DISCO • TURNTABLE / CARTRIDGE / AMPLIFIER **Cutec****DT100** **Cutec** BELT DRIVE DT100

D.B.

- Professional disco turntable • Belt drive - full manual operation
- Fast start/stop pushbutton • Remote start/stop
- Slide pitch control fast/slow - 60mm adjust range
- Remote pitch control fast/slow • Cue light with on/off switch
- 3 pin socket for optional goose neck work light
- High quality tone arm with anti skate & tracking weight adjustment
- 33 rpm/45 rpm instant switches with digital LED display
- Heavy duty sprung feet
- Cast iron 309mm diameter platter with strobe
- Spare cartridge/headshell holder • 45 rpm and 7" singles adaptor
- Wow and flutter - less than 0.15% Wrms • Power supply - 240V AC - 50Hz
- Dimensions - 419(W) x 115(H) x 335(D)mm
- Includes removable hinged clear perspex lid
- Power consumption - 5.0W • Nett weight - 7.5kg

**DT300** **Cutec** QUARTZ DIRECT DRIVE DT300

D.B.

- Professional disco turntable • Quartz direct drive - full manual operation
- Start/stop button • Remote start/stop
- Start/stop time 0.4 sec • Starting torque 1.5kg/cm • Braking 1/8 revolution
- Slide pitch control - 100mm adjust range $\pm 8\%$ with quartz speed accuracy
- Pop-up cue light with on/off switch • 3 pin socket for optional gooseneck work light
- High quality tone arm with anti skate and tracking weight adjustment
- 33 rpm and 45 rpm instant switches with digital LED display
- Heavy duty sprung feet • Spare cartridge/headshell holder
- Cast aluminium 310mm diameter platter with strobe - weight 3.0lbs
- 45 rpm and 7" singles adaptor • Wow and flutter - 0.045W rms
- Power supply - 240V AC 50Hz
- Dimensions 450(W) x 352(D) x 152(H)mm
- Includes removable hinged clear perspex lid
- Power consumption - 13.5 watts
- Brushless DC motor - 18V
- Rumble -55dB - (DIN 45544)
- Nett weight - 9.5kg

DT100 \$349.00
DT300 \$549.00
DT100 \$39.95

DC100 **B.P.** DISCO CARTRIDGE

Unique award winning 'CARBO' construction
2 gram tracking weight.
Elliptical stylus. Ideal for back tracking.
Conical replacement stylus available.

**A100S** **Cutec**

D.B.

100 WATT RMS AMPLIFIER

This unique amplifier has a wide variety of uses. Ideal for discos, musical instruments or even mounting directly into a speaker box. Panel mounted or free standing cabinet measures 150mm x 120mm x 250mm and weighs 5kgs. It can be used as either a two channel stand alone stereo unit or as a mono system. Two units can be used in tandem for installations where larger wattage outputs are required. The A100S is designed to amplify an auxiliary line input signal such as a tuner, tape or cassette deck, electric organ or guitar. Bass midrange and treble tone controls are positioned on the front panel along with power switch and indicating LED. All inputs (RCA sockets) are situated on the rear of the unit and speaker outputs are colour coded.

The A100S is ideal for applications where space is premium and a compact, hard working, robust amplifier with plenty of power is required.

SPECIFICATIONS:

- Continuous Output: 50 watts RMS per channel
- Maximum Output: 100 watts per channel
- Frequency Response: 10Hz to 23KHz
- Total Harmonic Distortion: 0.05% @ 1KHz-50 watts
- Signal to Noise Ratio: 80dB
- Input Sensitivity: 150mV
- Input Impedance: 50k ohms
- Controls: Left/right output levels
Channel selector
Stereo/mono selector
Power on/off LED
- Indicators: Power on/off LED
- Inputs: RCA sockets
- Outputs: Speaker cable with tinned ends
- Power Supply: 240 volt AC/50Hz
- Dimensions: 150mm x 120mm x 250mm
- Weight: 5kgs (11 pounds)

\$399.95

NEW



Microphones

GRAPHIC EQUALISERS - **Cutec****WPE320****STEREO GRAPHIC EQUALIZER AND PREAMPLIFIER**

This is a ten band stereo graphic equalizer with a four input preamplifier. The pre amp has inputs for a video player, tuner, turntable, compact disc player or auxiliary input. It also has inputs for a tape deck or cassette and two sets of output sockets. One for connecting to the amplifier and the other set is for connection to a monitoring tape deck or cassette recorder.

- Individual left and right equalization.
- All inputs and outputs are standard RCA sockets.
- Finished in an attractive black cabinet.

SPECIFICATIONS:

Control Range:	+/-12dB
Controlled Frequencies:	32Hz/63Hz/125Hz/250Hz/500Hz/1kHz/2kHz/4kHz/8kHz/16kHz
Frequency Response:	8Hz to 65kHz +/-3dB
Total Harmonic Distortion:	0.005% at 1500mV (20Hz to 20kHz)
Signal to Noise Ratio:	110dB
Insertion Loss:	0dB (controls flat)
Load Impedance:	50k ohms
Input Impedance:	50k ohms
Power Supply:	240 Volt AC/50Hz
Dimensions:	422(W) x 210(D) x 67(H)mm
Weight:	3.2kgs

\$249.95**BOX****GE750****STEREO EQUALIZER AND SPECTRUM ANALYZER****Cutec**

10 band stereo equalizer with blue fluorescent real time spectrum analyser measuring the frequency spectrum of the input source and pink noise generator to measure the acoustic level. Additional features include two way tape dubbing, peak hold switch, subsonic filter, push button monitoring from tape 1-source-tape 2, record EQ function switch, frequency controls with LED indicators and centre "click" stop and a microphone input on front panel.

SPECIFICATIONS:**EQUALIZER:**

Control Range:	+/-12dB
Controlled Frequencies:	32Hz/63Hz/125Hz/250Hz/500Hz/1kHz/2kHz/4kHz/8kHz/16kHz
Frequency Response:	10Hz to 100kHz +/-3dB
Maximum Output Level:	9V RMS
Total Harmonic Distortion:	0.008% at 1.0V (over 20Hz to 20kHz)
Intermodulation Distortion:	0.008% at 1.0V
Hum and Noise:	-98
Subsonic Filter:	-12dB/octave, 18Hz
Load Impedance:	10 ohms or greater
Input Impedance:	55k ohms at 1kHz
Output Impedance:	600 ohms at 1kHz
Power Supply:	240 Volt AC/50Hz
Dimensions:	422(W) x 210(D) x 67(H)mm
Weight:	3.2kgs

\$599.95**EQUALIZER:**

Display Accuracy:	5-10%
Frequency Response:	30Hz to 16kHz +/-0.5dB line in
Frequency Response:	30Hz to 16kHz +/-3dB
Hold Duration:	2 minutes, -3dB
Input Impedance:	Mic5k ohm
Input Sensitivity:	Mic 0.25mV
Pink Noise Output:	150mV
Pink Noise Freq Resp:	Over 20Hz to 20kHz +/-2dB
Power Supply:	240 Volt AC/50Hz
Power Consumption:	23 watts
Dimensions:	422(W) x 232(D) x 92(H)mm
Weight:	5kgs

BOX

**L-200****80 WATT RMS PER CHANNEL STEREO AMPLIFIER**

BOX

This amplifier has a continuous output of 80 watts R.M.S. per channel and a maximum momentary power output of 260 watts. Two sets of speakers can be connected to the amplifier and be individually selected. As well as having a headphone output socket the unit also has dual analogue VU meters and two output level controls. If any problems such as overloading etc occur there is a relay incorporated into the output circuit that automatically cuts out and protects the speakers. This amplifier can be freestanding or panel mounted and is finished in matt black.

SPECIFICATIONS:

Continuous Output Power: 80 watts RMS per channel into 8 ohms
Momentary Power Output: 260 watts into 8 ohms
Frequency Response: 8Hz to 65kHz ± 3 dB
Total Harmonic Distortion: Less than 0.03%
Inter Modulation Distortion: Less than 0.02%
Signal to Noise Ratio: 110dB
Input Sensitivity: 0.8 volt (RMS) for 80 watts at 8 ohm
Input Impedance: 33k ohms

Controls: Left and right output level controls, speaker selection buttons, power switch
Inputs: RCA sockets
Outputs: Speaker terminals, headphone 6.35mm stereo phone socket
Fuse Protection: 1 x external fuse, 2 x internal fuses
Power Supply: 240 Volt AC/50Hz
Dimensions: 482(W) x 298(D) x 140(H)mm
Weight: 10.5kgs

\$699.95

"The first and most obvious question to be asked of any amplifier is does it deliver the goods? We measured 110 watts with both channels driven into 8 ohms. That result is of course above Cutec's specifications. With both channels driven into 4 ohm loads, power output was 156 watts. Because that outcome is very nearly double the rated 8 ohm specification the Cutec "L-200" earns an impressive score for current ability. Halving impedance yet again the "L-200" delivered 253 watts into 2 ohms, single channel driven. While it did buzz quietly, and we wouldn't want to ask it to do that kind of work for hours on end, we were quite impressed."

Quoted from "Stereo Buyers Guide" lab test report from their "Speakers and Amplifiers" 1990 annual.

**Z-2000****140 WATTS RMS PER CHANNEL STEREO OR 400 WATTS RMS MONO POWER AMPLIFIER**

BOX

This Mosfet amplifier is designed for both digital and analogue audio. It can be used as either a 140 watt RMS per channel stereo amplifier or a 400 watt RMS mono amplifier. The front panel features two output level controls, dynamic power LEDs and peak overload LEDs. These indicate clipping is about to occur. Finished in matt black.

SPECIFICATIONS:

Continuous Stereo Output Power: 140 watts RMS per channel into 8 ohms
 210 watts RMS per channel into 4 ohms
Mono Power Output: 400 watts RMS into 8 ohms
 625 watts RMS into 4 ohms
Frequency Response: 8Hz to 65kHz
Total Harmonic Distortion: Less than 0.028%
Inter Modulation Distortion: Less than 0.03%
Signal to Noise Ratio: Better than 110dB
Input Sensitivity: 0.7 volt (RMS)
Input Impedance: 50k ohms

Controls: Left and right output level controls, power switch
Indicators: Standby, operation, power & peak overload LEDs
Inputs: Gold RCA sockets or 6.35mm mono phone sockets
Outputs: Speaker screw terminals or 4mm banana sockets
Power Supply: 240 Volt AC/50Hz
Dimensions: 445(W) x 318(D) x 64(H)mm
Weight: 15kgs

\$1299.95

"To Cutec's credit (or is it just a case of excessive modesty?) the "Z-2000" delivered above specification power output figures."

"Listening tests, always a challenge with amplifiers, turned up no obvious anomalies. We used the Cutec "Z-2000" with pre-amplifiers from NAD, Tandberg and Proton. Bass never lacked authority and big transients were conveyed with elasticity. At the price point the Cutec does have some competition-but not much. A well-performed, honest power amplifier."

Quoted from "Stereo Buyers Guide" lab test report from their "Speakers and Amplifiers" 1990 annual.

MONO / STEREO POWER AMPLIFIER - **Cutec**

- 1KVA Toroidal power transformer.
- Independent power supplies with 25 ampere bridge rectifiers and four 15,000 microfarad filter capacitors.
- MOS-FET driver stage
- Twelve pairs of power transistors for the output stage.
- N&P gate junction FET for input.
- Differential stage on negative feedback circuit.

Cutec

STEREO POWER AMPLIFIER
MODEL Z-3000

- Built in overload, overheating and time delay circuits protects componentry and speakers from damage as the amplifier automatically cuts out and shutdowns for a period of up to ten hours if overloaded or abused.
- BTL (mono) switchable.
- Inputs for Cannon, RCA and phono plugs.
- Presented in a matt black EIA size cabinet with handles.

Z-3000**300 WATTS RMS PER CHANNEL STEREO OR 625 WATTS RMS MONO POWER AMPLIFIER**

BOX

The ultimate in the Cutec "Professional Series" amplifier range. The latest technology and twelve months of testing in "real-use" conditions puts this amplifier in the "Reference Class". Months of actual listening in many environments have allowed us to offer an amplifier without compromise that will satisfy the most discerning listener.

SPECIFICATIONS:

Continuous Stereo Output Power:	220 watts RMS per channel into 8 ohms 300 watts RMS per channel into 4 ohms
Continuous Mono Output Power:	625 watts RMS into 8 ohms (4Ω not recommended in "mono" mode)
Frequency Response:	5Hz to 100kHz
Total Harmonic Distortion:	Less than 0.03%
Inter Modulation Distortion:	Less than 0.05%
Signal to Noise Ratio:	Better than 110dB
Input Sensitivity:	1.0 volt
Input Impedance:	50k ohms
Controls/Indicators:	On/off switch, standby/operate LED's
Inputs:	2 x 6.35mm mono phone sockets 2 x 3 pin female Cannon sockets 2 x RCA sockets
Outputs:	4 x 4 mm banana sockets
Power Supply:	240 Volt AC/50Hz
Dimensions:	482(W) x 160(H) x 480(D)mm
Weight:	21.9kgs

\$1799.00

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3AG - 200C	18	ABF7 5	18	BA1	137	CAS15	127	CNL11	74	DCA10	6
3AG - 20C	18	AC26 B	12	BA120	83	CAS16	127	CNL16	74	DCA12	6
3AG - 250C	18	AC26 R	12	BA2	137	CAS18	127	CNL9	74	DCA14	6
3AG - 25C	18	AC32 B	12	BC120	87	CAS23	126	CNS1	49	DCA2	6
3AG - 2C	18	AC32 R	12	BC300	87	CAS24	126	CNS10	49	DCA4	6
3AG - 30C	18	AC34 B	12	BC450	87	CAS4	126	CNS15	53	DCA6	6
3AG - 350C	18	AC34 R	12	BC800	22	CAS5	126	CNS2	49	DCA8	6
3AG - 3C	18	AC55 B	12	BDS1	A1	CAS6	126	CO10	114	DDF332	92
3AG - 4C	18	AC55 R	12	BGT1	34	CAS7	126	CP36PS	11	DDF334	92
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SAC1.B	26	SPG6	56	TA20.R	120	UB10	19	WSB525	78
SAC1.G	26	SPG8	56	TA33	119	UB11	19	WSB650	78
SAC1M	26	SPH1	76	TA55	119	UB14	19	XN112	63
SAC2.B	26	SPH12	76	TA60.B	121	UB16	19	XN206	63
SAC2.G	26	SF16	76	TA60.BU	121	UB19	19	XN212	63
SAC2.M	26	SPH2	76, 84	TA60.R	121	UB2.P	19	XN306	63
SAC3.B	26	SPH3	84	TA66	119	UB20	19	XN312	63
SAC3.G	26	SPH4	76	TA77	119	UB22	19	XN316	63
SAC4.B	26	SPH6	76	TA832	120	UB3.P	19	Z - 2000	143
SAC4.G	26	SPH615	76	TA88	119	UB4.P	19	Z - 3000	144
SAC4F	26	SPH8	76	TA99	119	UB6	19		
SACS.B	26	SPH815	76	TAA800	64	UB8	19		
SACS.G	26	SR - 5R102	17	TAA801	64	UCH2	49		
SB451	52	SR - 5R2	17	TAA802	64	UCH4	49		
SB651	52	SR - 6R103	17	TAA803	97	UCH6	49		
SCC2	134	SR - 6R3	17	TB10	111	UCH9	49		
SCC5	84	SR - F131	17	TB102	13	UMB2	49		
SCF16	28	SR - F142	17	TB15	111	UMB4	49		
SCF26	28	SR - F31	17	TB20	111	UPS500	122		
SCF36	28	SR - F42	17	TB25	111	VB304	102		
SCF50	28	SR1120	20	TB5	111	VB404	102		
SD2	7	SR1130	20	TB52	13	VCA2	98		
SD3	7	SR41	20	TB53	13	VCB2	103		
SD4	7	SR43	20	TC22	30	VCL12.B	99		
SD5	7	SR44	20	TCS1	31	VCL12.W	99		
SD5A	7	SR46	20	TCT46	75	VCL13	102		
SD5B	7	SR620	20	TCT68	75	VCL14	102		
SD6	7	SR626	20	TEL104	28,75	VCL15	102		
SD7	7	SR721	20	TEL106	28,75	VCL16	102		
SD8	7	SR726	20	TEL108	28,75	VCS1	99		
SD8A	7	SR926	20	TEL 11	74	VCS2	103		
SDC10	46	SR936	20	TEL14.BR	74	VCS3	103		
SDC15	46	SSS1	64	TEL14.C	74	VCS4	103		
SDC5	46	SSS2	64	TEL16	74	VDC4.B	99		
SD16	76	ST1	63	TEL18	72	VDC4.BR	99		
SDM8J	6	ST10	18	TEL20	72	VDK2	101		
SDT10AL	58	ST1000	138	TEL21	74	VDK4	101		
SG2	41	ST2000	138	TEL2C	72	VDS1	85		
SI51	35	ST203	14	TEL2	72	VDS2	85		
SI53	35	ST203A	14	TEL3	72	VH310	99		
SM10	14	ST204	14	TEL30	74	VHC - C	99		
SM20	14	ST204A	14	TEL4	72	VHC8	99		
SM300	138	ST21	16	TEL5	73	VJ21	10		
SM5	14	ST23	16	TEL6	72	VJ8	10		
SM81	65	ST223	47	TEL7	73	VL1	100		
SM82	65	ST235	47	TEL8	73	VL10	100		
SM84	65	ST237	47	TEL9	74	VL15	100		
SM869	65	ST239	47	THD33	118	VL15L	100		
SMC1	27	ST24	16	TLC10	28	VL18	100		
SMC2	27	ST241	47	TLC15	28	VL18L	100		
SMC3	27	ST29F	16	TLC2	28	VL19	100		
SMC4	27	ST30	16	TLC3	28	VL19L	100		
SO228	40	ST305	14	TLC4	28	VL1L	100		
SO239	9	ST307	14	TLC6	28	VL20	100		
SP1	79	ST308	14	TLC8	28	VL21	100		
SP10/30	60	ST31	16	TLS1	30	VL22	100		
SP100	57	ST40	16	TLS2	30	VL23	100		
SP10W	59	ST40F	16	TLS3	30	VL24	100		
SP12/30	60	ST41	16	TLS4	30	VL5	100		
SP120	57	ST41F	16	TLS6	30	VL5L	100		
SP12W	59	ST45	16	TLS8	30	VL6	100		
SP17	57	ST46	16	TMB2	98	VLEL	100		
SP2	79	ST50	16	TNC1	10	VL7	100		
SP24	57	ST51	16	TNC3	10	VL7L	100		
SP3	79	ST54	16	TNC5	10	VL9	100		

ARTISTS

