

Aerpro DOUBLE GRIP. Solder vs Crimp

Soldering:

In terms of connection reliability it is hard to beat a soldered connection. However, soldering connections inside a vehicle is not only difficult but also carries with it the risk of damage to vehicle interiors if the soldering iron is not handled carefully. Even the best laid interior protectors can shift during installation just enough to allow a drop of molten solder to drop through the gap on to an expensive interior part. The other draw backs of soldered connections is that they are more time consuming to complete than a crimp connection with such things to consider as iron heat up time, getting

a crimp connection with such things to consider as iron heat up time, getting power to the vehicle to power the iron, not to mention the extra time required to tape wrap all your joints to insulate them from shorts.

Crimp connections:

Crimp connections vs Soldered connections are an interesting comparison

because not all crimp connections are equal. The 2 important factors to consider:

1) The quality of the crimp

connectorsThe first thing to consider is the outer insulator of the crimp terminal. It must be hard enough to hold its shape after crimping yet if the material is too hard the insulator can crack and in some cases fall off leaving the crimp exposed to shorts. The New range of Aerpro terminals use vinyl outer insulators with a formulation that strikes a perfect balance of hardness without the risk of cracking.

The new range of Aerpro terminals also have a copper inner sleeve that greatly improves the quality and reliability of the crimp connection. At Aerpro we call this system DOUBLE GRIP because the wire is held in the terminal in two places. It is held by the bare wire end at the front of the crimp like ordinary terminals and it is also held by the copper inner sleeve at the back of the crimp where it holds the incoming wires outer sheath. All but one model in our entire range of crimp terminals uses the Aerpro DOUBLE GRIP system.

2) Using a quality set of crimpers

No matter how good the terminals are that you use, the crimp connection will always be better if you use a good quality pair of crimpers. In this edition of Installer's First Choice we have two models to choose from. Both these devices are of exceptional quality and will ensure the best possible job with the least amount of fuss. However, if you do not have a good quality pair of crimpers at hand the double grip system does in

fact improve the chances of a good crimp connection in these less than ideal conditions when compared to a non-double grip type terminal.

Some circles may argue the draw backs of crimp connections vs soldered joints. However, a crimp connection using Aerpro's Double Grip range of terminals is faster, neater and when done correctly, every bit as good as a soldered connection and it looks far more professional than a taped up solder joint.











 Match Colour for correct Amperage

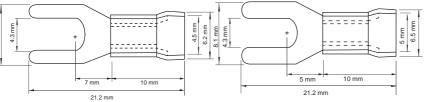
All Aerpro Crimp Terminals are packed in hang sell poly bags with full colour header cards

Fork Terminals





Match Colour for correct Amperage



- 4.3mm Red fork terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- 4.3mm Blue fork terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm



• Wire size 12-10 AWG 4-6mm







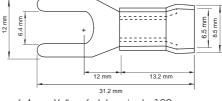




This new range of Aerpro terminals feature a copper inner sleeve that greatly improves the quality and reliability of the crimp connection. At Aerpro we call this system **DOUBLE GRIP**

- 45 n 21.2 mn
 - 6.4mm Blue fork terminals, 100pcs
 - Wire size 16-14 AWG 1.5-2.5mm





- 6.4mm Yellow fork terminals, 100pcs
- Wire size 12-10 AWG 4-6mm



- **EASY SELECTION**
- To make your choice even easier! All of the pictures contained on pages • 8.4mm Yellow fork terminals, 100pcs • Wire size 12-10 AWG 4-6mm 6 & 7 are scaled to the exact size of the terminal, making it extremely easy to choose the correct terminal that you require.



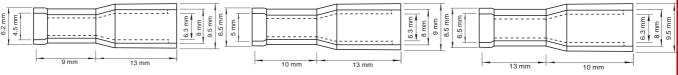
Sizes may vary slightly due to manufacturing tolerances



Spade Terminals 10A







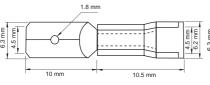
- 6.3mm Red female spade terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- 6.3mm Blue female spade terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm
- 6.3mm Yellow female spade terminals, 100pcs
- Wire size 12-10 AWG 4-6mm









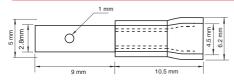


- 6.3mm Red male spade terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- 10.5 mm • 6.3mm Blue male
- spade terminals, 100pcs • Wire size 16-14 AWG 1.5-2.5mm
- 10 mm 13 mm • 6.3mm Yellow male
 - spade terminals, 100pcs • Wire size 12-10 AWG 4-6mm





Special Terminals



- 2.8mm Red male spade terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm

- 2.8mm 4.5 mm 10 mm
 - 2.8mm Red female spade terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm



We have also added mini female speaker terminals and male speaker terminals for fitting to factory headunit connectors!

Sizes may vary slightly due to manufacturing tolerances

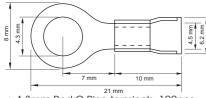




O Ring Terminals

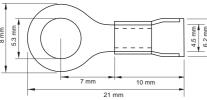




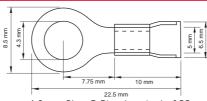


• 4.3mm Red O Ring terminals, 100pcs



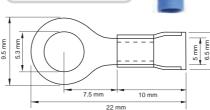


- 5.3mm Red O Ring terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm



- 4.3mm Blue O Ring terminals, 100pcs
- Wire size 16-14 AWG 1.2-1.5mm





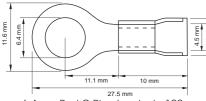
- 5.3mm Blue O Ring terminals, 100pcs
- Wire size16-14 AWG 1.5-2.5mm



- 13.2 mm 26.3 mm
- 5.3mm Yellow O Ring terminals, 100pcs
- Wire size 12-10 AWG 4-6mm

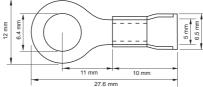






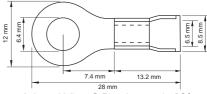
- 6.4mm Red O Ring terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm





- 6.4mm Blue O Ring terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm





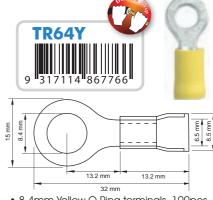
- 6.4mm Yellow O Ring terminals, 100pcs
- Wire size 12-10 AWG 4-6mm



- 8.4mm Red O Ring terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm



- 27.6 mm • 8.4mm Blue O Ring terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm



- 8.4mm Yellow O Ring terminals, 100pcs
- Wire size 12-10 AWG 4-6mm





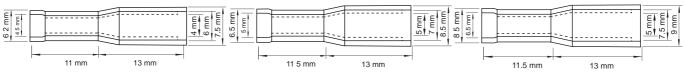
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Bullet Terminals 10A







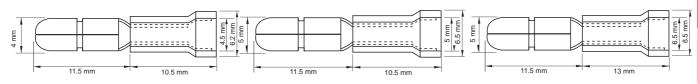
- Red female bullet terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- Blue female bullet terminals, 100pcs • Wire size 16-14 AWG 1.5-2.5mm
- Yellow female bullet terminals, 100pcs
- Wire size 12-10 AWG 4-6mm











- Red male bullet terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- Blue male bullet terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm
- Yellow male bullet terminals, 100pcs
- Wire size 12-10 AWG 4-6mm



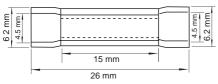




Butt Terminals (10A)







- Red butt terminals, 100pcs
- Wire size 22-16 AWG 0.5-1.5mm
- 6.5 mm 6 5 mm mm 15 mm 26 mm
- Blue butt terminals, 100pcs
- Wire size 16-14 AWG 1.5-2.5mm
- 6.5 mm 8.5 mm 8.5 mm 6.5 mm 15 mm
- Yellow butt terminals, 100pcs
- Wire size 12-10 AWG 4-6mm











Tools • 2 year Warranty on all tools!

This assortment of professional workshop tools hasve been carefully created to cater specifically to the mobile electronics professional installer. All items are made from the finest materials with world's best practice manufacturing to deliver the highest quality at the best price.

Wire Strippers

- Multi-Function insulated wire strippers
- Strip, crimp & cut
- Rubber over moulded grip
- Patented design
- Made in Taiwan





Side Cutters

- Small wire side cutters
- Rubber over moulded grip
- Suitable for cutting wire sizes up to 12 GA
- Genuine Pro quality tool





Wire Crimpers

- Double crimp type
- Made in Taiwan





Wire Strippers

- Adjustable pressure
- Built-in cutters
- Made in Taiwan





Cable Cutters 8 GA to 0 GA

- For large gauge wire
- Made in Taiwan





Adjustable Wire Crimpers

- 3 Die
- Double crimp type
- Left and right hand insertion
- Adjustable crimp pressure
- Made in Taiwan





LED Test Light

- 6~24 VDC
- Low current draw
- 2 Red LED power indicators
- 2 Metre Fly Lead











Cable Clamps

- Made from Tough Black Nylon
- "P" Type Design Clamps
- Packs of 100













Spiral Wrap

• 10 Metre length, black • Packed in poly bags













Accessories

• Packed in hang sell poly bags with full colour header cards

Diodes



- 1 Amp
- Pack of 10



- 3 Amp
- Pack of 10



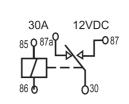
- 6 Amp
- Pack of 10



Relay

- 5 Pin
- Fully sealed-weather resistant
 12VDC, 30A







ABS Plastic Sheets

- Ideal for Custom interior work
- Black, fine grain
- 300mm W x 300mm H x 3mm D
- 4 Sheets per pack





Split Loom Tubing

- Material Nylon 66
- UL certified 94V-2
- Heat resistant
- UV black, 10 metres
- Adaptable to temperature −40° to 850°C





6mm Short Blind Rivets

- 3.2mm width
- 6mm rivet head length
- Aluminium with steel pin, pack of 100 pcs



10mm Long Blind Rivets

- 4mm width
- 10mm rivet head length
- Aluminium with steel pin, pack of 100 pcs

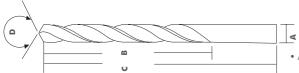






Titanium Coated Drill Bits

In keeping with our philosophy of providing a complete range of products rather than having a patch work of individual items, we have created an extensive assortment of imperial and metric drill bits to cater to the needs of the Workshop professional and the enthusiast DIY Retail customer. We thought that having just 1/8th drill bits in a "range" is like having tomato sauce with out a meat pie to put it on! This range of professional drill bits are made from durable HSS Steel with a Titanium Nitrate coating. This coating acts as a surface lubricant that reduces friction at the cutting face as well as helping to clear swarf from the drill hole. This effect increases the life of the cutting face in terms of its sharpness. Drill bits from 3mm up also feature a split point to stabilise the tip when drilling metals and alloys.



• A for size • B for flute length • C for total length • D for degree

Imperial Sizes

Model	А	Metric conversion(mm)	Closest Metric	В	С	D
HSS14	1/4"	6.25	6	63	101	135
HSS18	1/8"	3.125	3	36	65	135
HSS18PK	1/8"	3.125 10 Pack	3	36	65	135
CD18	1/8"	3.125 Cobalt	3	36	65	135









Cobalt steel 1/8th drill bit for super heavy duty use on hardened steels and Stainless.

Metric Sizes

Model	A (mm)	Closest I conversi	mperial on	В	С	D
HSS15	1.5	1/16"	1.563mm	18	40	118
HSS20	2	5/64"	1.953mm	24	49	118
HSS25	2.5	3/32" 7/64"	2.344mm 2.734mm	30	57	118
HSS30	3	1/8"	3.125mm	33	61	135
HSS35	3.5	9/64"	3.516mm	39	70	135
HSS40	4	5/32"	3.905mm	43	75	135
HSS45	4.5	11/64"	4.297mm	47	80	135
HSS50	5	13/64"	5.078mm	52	86	135
HSS55	5.5	7/32"	5.469mm	57	93	135
HSS60	6	15/64" 1/4"	3.516mm 6.25mm	57	93	135
HSS65	6.5	17/64"	6.641mm	63	101	135
HSS70	7	9/32"	7.031mm	69	109	135
HSS75	7.5	19/64"	7.422mm	69	109	135
HSS80	8	5/16" 21/64"	7.813mm 8.203	75	117	135
HSS85	8.5	11/32"	8.594mm	75	117	135
HSS90	9	23/64"	8.984mm	81	125	135
HSS95	9.5	3/8" 25/64"	9.375mm 9.766mm	81	125	135
HSS100	10	13/32"	10.156mm	87	133	135





HSS₂0



HSS25



HSS30



HSS35



HSS40



HSS45



HSS50



HSS55



HSS60



HSS65



HSS70



HSS75



HSS80



HSS85



HSS90



HSS95



HSS100





Fasteners



Model Number Description I

Thread width: 4.0mm

Length: 13mm

STC)(40)(13 Fastener type: Self tapping countersunk

Model	Thread Width	Length	Description	Image
STP3913	3.9mm	13mm	Wide pan head self tapping screws	- CONT
STP3919	3.9mm	19mm	Black zinc plating	The state of
STP3925	3.9mm	25mm	Black zinc plating Case hardened carbon steel 1022a Pack of 100 pcs	4
STP4238	4.2mm	38mm	Tack of 100 pes	
STB3913	3.9mm	13mm	Button head self tapping screws	4000
STB3919	3.9mm	19mm	Black zinc plating	CV CONTRACTOR
STB3925	3.9mm	25mm	Black zinc plating Case hardened carbon steel 1022a Pack of 100 pcs	To Bre
STB4232	4.2mm	32mm	Tack of 100 pes	
STH3913	3.9mm	13mm	Hex washer head self tapping screws	
STH3916	3.9mm	16mm	Black zinc plating Case hardened carbon steel 1022a	A STREET
STH3922	3.9mm	22mm	Pack of 100 pcs	



STH3922

3.9mm



22mm













































Model	Thread Width	Length	Description	Image
STC4013	4mm	13mm	Self tapping counter sunk wood screws	The
STC4019	4mm	19mm	sunk wood screws	
STC4025	4mm	25mm	Gold zinc plating Case hardened carbon steel 1022a Suitable for MDF/HDF board Pack of 100 pcs	
STC4032	4mm	32mm		The state of the s
STC4545	4.5mm	45mm	Pack of 100 pcs	









3.9mm

3.9mm

3.9mm

3.9mm

3.9mm

3.9mm

Model

SDP3913

SDP3916

SDP3922

SDH3913

SDH3916

SDH3922



















Pack of 100 pcs

22mm



















Hex Head Bolts

• Pack of 20 pcs

Model	Head Size	Length	Thread Pitch	Suited To	Image	
HB0812	8mm	12mm	0.8mm	Nut and Washer sets		
HB0826	8mm	26mm	HNW508	U HIVW508		
HB0840	8mm	40mm				
HB1012	10mm	12mm	1mm Nut and Washer sets			
HB1026	10mm	26mm		HNW610		
HB1040	10mm	40mm				
HB1312	13mm	12mm	1.25mm	Nut and Washer sets		
HB1326	13mm	26mm		HNW813		
HB1340	13mm	40mm				















HB1012



HB1026



HB1040



HB1312



HB1326



HB1340



Nylon Locking Nuts With Washers

Pack of 20 of each



- To suit hex bolt head size 8mm - HB0812, HB0826, HB0840
- Thread pitch 0.8mm
- To suit hex bolt head size 10mm - HB1012, HB1026, HB1040
- Thread pitch 1.0mm
- To suit hex bolt head size 15mm - HB1312, HB1326, HB1340
- Thread pitch 1.25mm

0

HNW5089 317114 899545









Jigsaw Blades - Bi Metalic

3 Blades per pack

Makita Type

Suits most Makita models

Model	Tooth Pitch	Blade Length	Will Cut	
JSB1M	1.1mm/21 tpi	80mm	Soft Metals, Non Ferrous Metals, Stainless Steel, Epoxy	
JSB2M	2.0mm/12 tpi	80mm	Soft Metals, Non Ferrous Metals, Stainless Steel, Epoxy	
JSB3M	3.0mm/8 tpi	nm/8 tpi 100mm Hardwoods, Softwoods, Laminated Board, Fiberglass		
JSB4M	2.0mm/12 tpi	76mm	Hardwoods, Softwoods, Plastics	

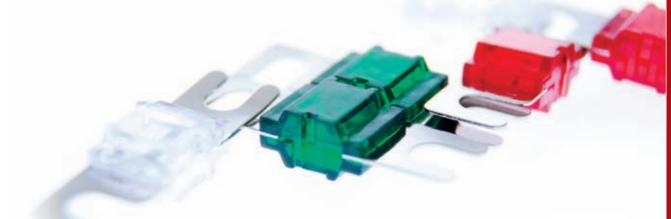


T Shank

Suits Bosch, Metabo, DeWalt, recent Makita, AEG, ELU Models

Model	Tooth Pitch	Blade Length	Will Cut
JSB1T	1.1mm/21 tpi	76mm	Soft Metals, Aluminium, Epoxy, Non Ferrous Metals, Stainless Steel
JSB2T	2.0mm/12 tpi	76mm	Soft Metals, Aluminium, Epoxy, Non Ferrous Metals, Stainless Steel
JSB3T	4.0mm/6 tpi	100mm	Hardwoods, Softwoods, Fiberglass, Laminated Board
JSB4T	1.4mm/20 tpi	76mm	Hardwoods, Softwoods, Plastics





Fuse Range

AGU Fuses

- Pack of 50
- Suits all AGU type AERPRO Fuse Holders and Distribution BlocksGold plated for excellent conductivity





• 30 Amp

AP45530



• 40 Amp

AP45540



• 50 Amp



• 60 Amp



• 80 Amp

08AMA

• 160 Amp

AMA160

Mini ANL Fuses

• Pack of 2





Lubricants and Adhesives

General purpose lubricant

• Selleys RP7 300g Can





Kwik Grip Spray Adhesive 150g

- Selleys kwik grip
- Spray contact adhesive 150 ml.
- Strong durable bonding
- · Permanent, fast drying, instant grab





Butane Gas 450ml Can





Pro Spec Construction Adhesive 320g

• Light Tan Colour





Tarzans Grip Glue 30ml





Two Part Plastics Glue 3ml





Heat Shrink

- Packs of 10 lengths
- 30cm length eachQuality material
- Available in either red or black

Model	Size (mm)	Heat shrink range	Colour
HS4B	4	4mm to 2mm	Black
HS4R	4	4mm to 2mm	Red
HS7B	7	7mm to 3.5mm	Black
HS7R	7	7mm to 3.5mm	Red
HS10B	10	10mm to 5mm	Black
HS10R	10	10mm to 5mm	Red
HS16B	16	16mm to 8mm	Black
HS16R	16	16mm to 8mm	Red
HS25B	25	2.5mm to 1.25mm	Black
HS25R	25	2.5mm to 1.25mm	Red

















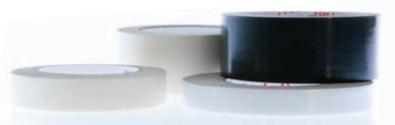












Tape

Premium Gaffa Rubber Adhesive Tape (Black)

• Size C25A, 48mm x 20m





Premium Grade Foam Laminated Closed Cell Tape • Size C21, 3mm Thickness, 12mm x 20m





Non Woven Rayon Double-Sided Acrylic Adhesive Tape • Size C3, 18mm x 50m





White Hot Melt Adhesive Masking Tape • Size C16, 24mm x 50m





White Hot Melt Adhesive Masking Tape • Size C16, 48mm x 50m





Automotive Felt Carpet

• 0.75M x 2M Sheet • Packed in gift box



















Automotive Vinyl

• 0.7M x 2M Sheet • Packed in gift box



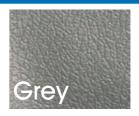














Bulk Rolls Carpet and Vinyl

• Packed in poly bag

• 1.5M wide, 25 metre roll Carpet









• 1.4M wide, 12 metre roll Vinyl















Sound Deadening

- MAXMATT Sound deadening material for reducing noise and vibration
- Easily moulds to the contours of the metal or fiberglass interior surface of your vehicle
- Extra sticky butyl layer of MAXMATT stays firmly in place once it is applied and absorbs road noise, panel rattle and vibration
- The aluminium layer keeps your vehicle cool in addition to lowering noise

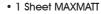


- 2 Sheets MAXMATT
- 25cm x 25cm
- 1.5mm thick



- 46cm x 80cm
- · 1.5mm thick





- 46cm x 80cm
- 1.5mm thick



- 9 Sheets MAXMATT
- 46cm x 80cm
- 1.5mm thick



Lead-Free Solder Wire

• Metal alloy for lead-free solder

1.2mm Lead Free Solder, **Three Core Flux**

- Sn99.3% Cu0.7%
- · Three core
- Flux percentage 0.5% - 3% wt
- 1.2mm Diameter







1.5mm Lead Free Solder, **Three Core Flux**

- Sn99.3% Cu0.7%
- Three core
- Flux percentage 0.5% - 3% wt
- 1.5 mm Diameter







Phone Brackets

- Allows phone holder to be mounted using original factory screws, bolts and fixtures - no damage left when the accessory is removed
- No drilling of holes required







Phone Bracket To Suit BMW







Phone Bracket To Suit Ford Falcon AU Series II







Phone Bracket To Suit Ford Falcon AU







Phone Bracket To Suit Ford Falcon BA











Phone Bracket To Suit Ford Falcon EF-EL







Phone Bracket To Suit Holden VY-VZ







Phone Bracket To Suit Holden W







Phone Bracket To Suit Holden Commodore VR-VS







Phone Bracket To Suit Holden Commodore VT







Phone Bracket To Suit Mitsubishi Magna







Phone Bracket To Suit Mitsubishi Pajero







Phone Bracket To Suit Mitsubishi 380







Phone Bracket To Suit Toyota Camry













Phone Bracket To Suit Toyota Hilux





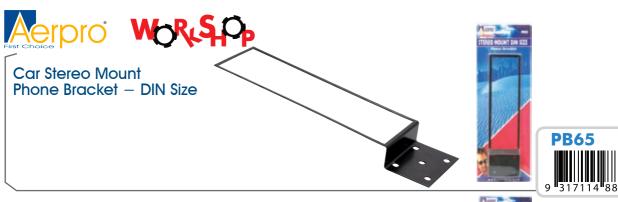


Phone Bracket To Suit L Shaped Metal

























AV Mounting Brackets

Monitor Headrest Side Mounting Bracket

- · Simply attaches to your front seat's headrest
- Variable adjustment positions for multiple viewing angles
- Can be easily removed when not required
- Made from quality components and durable steel







Monitor DIN Box Mounting Bracket • Simple DIN mount attachment under or above radio

- Manual up-down tilt mechanism for variable viewing angles
- Made from quality components and durable steel









Monitor Headrest Mounting Bracket

- Simply attaches to your front seat's headrestSits in line with headrest for neat installation
- Made from quality components and durable steel







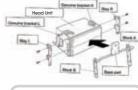
Monitor DIN Wide Mounting Bracket • Simple DIN mount attachment on each side of radio

- Manual up-down tilt mechanism for variable viewing angles

• Made from quality components and durable steel











Monitor Dashboard Mounting Bracket

- Simple stick-on dash attachment
- · Manual up-down and side tilt mechanism for variable viewing angles
- Made from quality components and durable steel







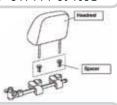


Monitor Deluxe Headrest Side **Mounting Bracket**

- · Simply attaches to your front seat's headrest
- Variable adjustment positions for multiple viewing angles with full tilt/pan capabilities
- · Can be easily removed when not required
- · Made from quality components and durable stee









Monitor Headrest Mounting Bracket • Holds TFT TV/Monitor to headrest

- Fully adjustable for mounting any screen
- Used for rear seat viewing
- UV stabilised plastic
- Dimensions: 195mm (H) x 235mm (W) x 60mm (D)





Portable Mini VCD/CD/MD Car Mounting Kit

- This mounting kit is the most stable and practical way to use your portable player in your car
- · Easy to install with multiple angle adjustment
- Anti vibration platform improves stability
- Fits all portable CD and MD players





CA400





Amplifier Wiring Kits

10 GA 250W Max

- 5.5M 10 GA Red Power Cable With O-Ring Terminal
- 0.8M 10 GA Black Ground Cable with O-Ring Terminal
- 20 GA Blue Trigger Wire
- 30A ATC Fuse with Holder
- 10 GA Grommet
- 6pcs Cable Ties







2 Channel 10 Gauge 250W Max

- 5.5M 10 GA Red Power Cable with O-Ring Terminal

 O.8M 10 GA Black Ground Cable
- with O-Ring Terminal
- 5M, 2 Male to 2 Male RCA Lead
- 20 GA Blue Trigger Wire
- 30A ATC Fuse with Holder
- 10 GA Grommet
- 10pcs Cable Ties







4 Channel 8 Gauge 450W Max

- 5.5M 8 GA Red Power Cable with O-Ring Terminal
- 0.8M 8 GA Black Ground Cable with O-Ring Terminal
- 2pcs 5M, 2 Male to 2 Male RCA Lead
- 20 GA Blue Trigger Wire
- 50A ATC Fuse with Holder
- 8 GA Grommet
- 12pcs Cable Ties







ATC (Blade) Inline Fuse Holder with Rubber Dust Cover

- Fitted with 30cm 12 gauge cable
- Holds standard ATC (Automotive Type blade) Fuses
- Water-resistant covering
- Gold plated terminals









RCA Leads

1.2M, 2 Male/2 Male

- Clear single shielded CableGold plated RCA Plugs
- Metal RCA Lead







3M, 2 Male/2 Male

- Clear single shielded CableGold plated RCA Plugs
- Metal RCA Lead







5M, 2 Male/2 Male

- Clear single shielded CableGold plated RCA Plugs
- Metal RCA Lead







1 Pair, 22cm 2 Female/1 Male

- Clear single shielded Cable
- Gold plated RCA Plugs
- Metal RCA Lead







1 Pair, 22cm 1 Female/2 Male

- Clear single shielded Cable
- Gold plated RCA Plugs
- Metal RCA Lead











