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CAR RECEIVERS — Receivers • Media receivers and stations • Native receivers • CD/DVD changers • FM-modulators/USB adapters • Flash memory • Facia plates and adapters • Antennas • Accessories |
 CAR AUDIO — Car audio speakers • Amplifiers • Subwoofers • Processors • Crossovers • Headphones • Accessories | TRIP COMPUTERS — Universal computers • Model computers • Accessories |
 GPS NAVIGATORS — Portable GPS • Built-in GPS • GPS modules • GPS trackers • Antennas for GPS navigators • Accessories | VIDEO — DVR • TV sets and monitors • Car TV tuners • Cameras • Videomodules • Transcoders • Car TV antennas • Accessories | SECURITY SYSTEMS — Car alarms • Bike alarms • Mechanical blockers • Immobilizers • Sensors • Accessories | OPTIC AND LIGHT — Xenon • Bixenon • Lamps • LED • Stroboscopes • Optic and Headlights • Washers • Light, rain sensors • Accessories | PARKTRONICS AND MIRRORS — Rear parktronic • Front parktronic • Combined parktronic • Rear-view mirrors • Accessories | HEATING AND COOLING — Seat heaters • Mirrors heaters • Screen-wipers heaters • Engine heaters • Auto-refrigerators • Air conditioning units • Accessories | TUNING — Vibro-isolation • Noise-isolation • Tint films • Accessories | ACCESSORIES — Radar-detectors • Handsfree, Bluetooth • Windowlifters • Compressors • Beeps, loudspeakers • Measuring instruments • Cleaners • Carsits • Miscellaneous | MOUNTING — Installation kits • Upholstery • Grilles • Tubes • Cable and wire • Tools • Miscellaneous | POWER — Batteries • Converters • Start-charging equipment • Capacitors • Accessories | MARINE AUDIO AND ELECTRONICS — Marine receivers • Marine audio speakers • Marine subwoofers • Marine amplifiers • Accessories | CAR CARE PRODUCTS — Additives • Washer fluid • Care accessories • Car polish • Flavors • Adhesives and sealants | LIQUID AND OIL — Motor oil • Transmission oil • Brake fluid • Antifreeze • Technical lubricant



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HYBRID OVATION™ 4/5/6

***Component Systems
Installation Guide***



www.morelhifi.com

PACKAGE CONTENT

4" HYBRID OVATION WOOFER



X2



X2



X6



X8



X2



X8



X8

5" HYBRID OVATION WOOFER



X2



X2



X2



X8



X8

6" HYBRID OVATION WOOFER



X2



X2



X2



X8



X8

CROSSOVER ACCUSET MX-22



X2



X2



X6



X6

TWEETER MT-22



X2



X2



X2



X2



X2



X2



X4



X2



M3

GRILL OPTION

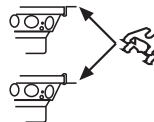
SURFACE
OPTIONS

WOOFER & CROSSOVER MOUNTING

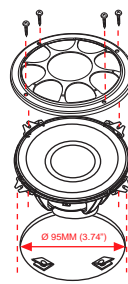
4" UNIT MOUNTING

1

Use the screw clips in any combination, with or without the plastic frame. These clips can be used either way up down depending on installation requirements.



1

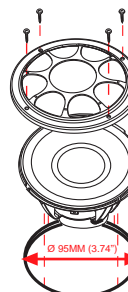


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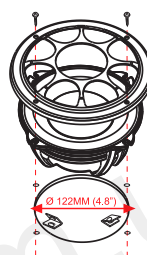
Use the non-screw clips to install in locations which do not require screws. Insert the clips in the small holes on the side of the loudspeaker according to your requirements.



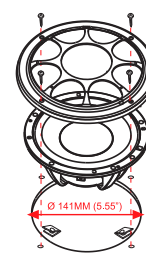
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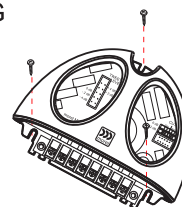
5" UNIT MOUNTING



6" UNIT MOUNTING

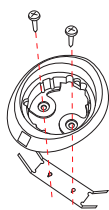


CROSSOVER MOUNTING

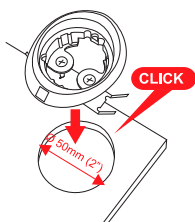


FLUSH MOUNTING

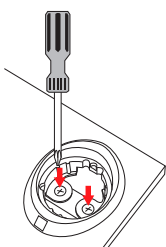
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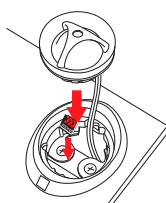
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3

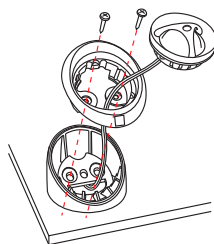


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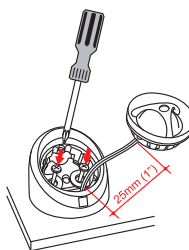


SURFACE MOUNTING

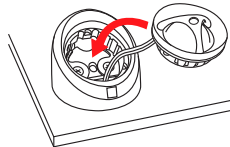
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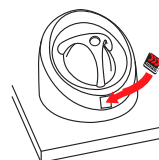
2



3

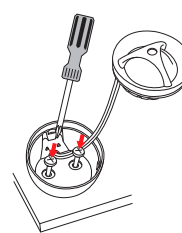


4

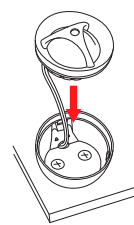


OPTION 3

1

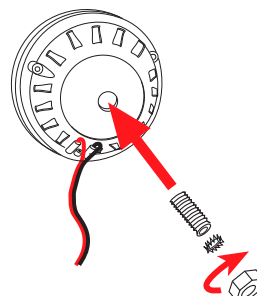


2



OPTION 4

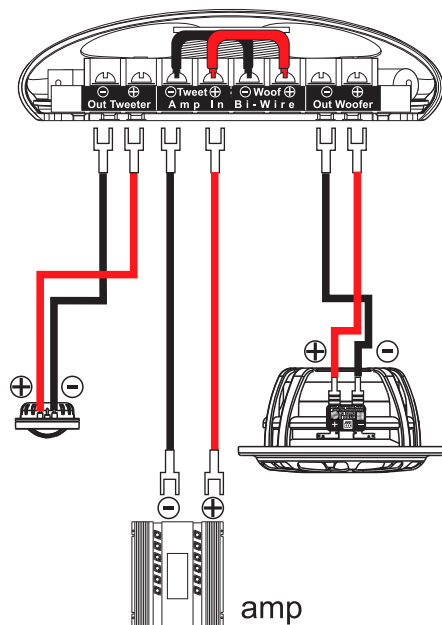
USE M3 SCREW SIZE



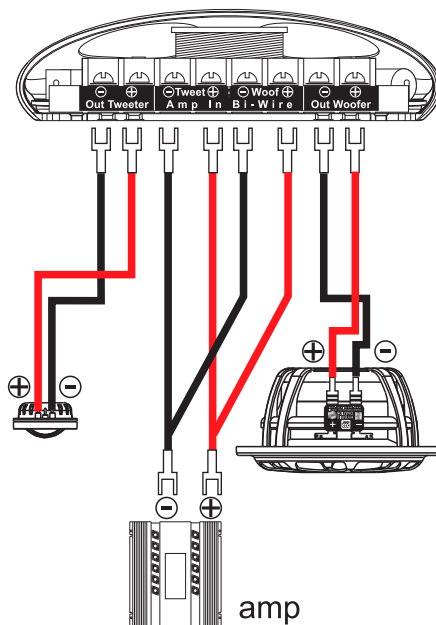
Caution : Tighten screw gently to avoid damaging the magnet assembly

WIRING OPTIONS FOR ACCUSET MX-22 CROSSOVER

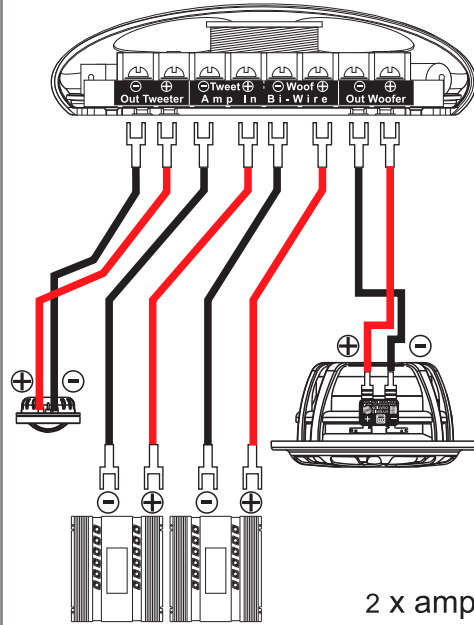
1 Standard wire connection\ With bridged Jumpers



2 Bi Wire connection\ No bridged jumpers



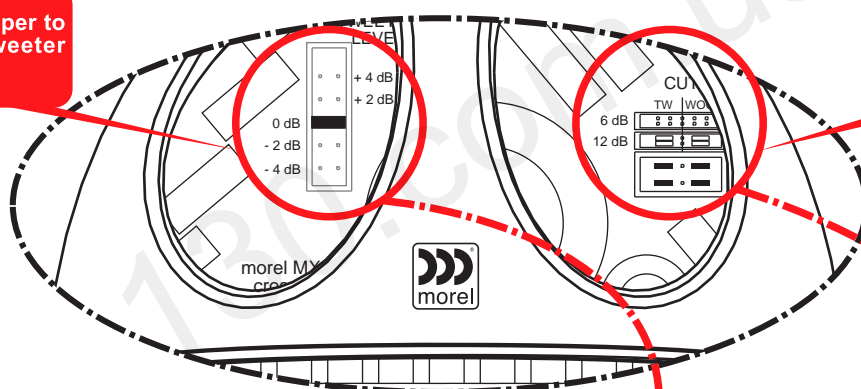
3 Bi Amp connection\ No bridged jumpers



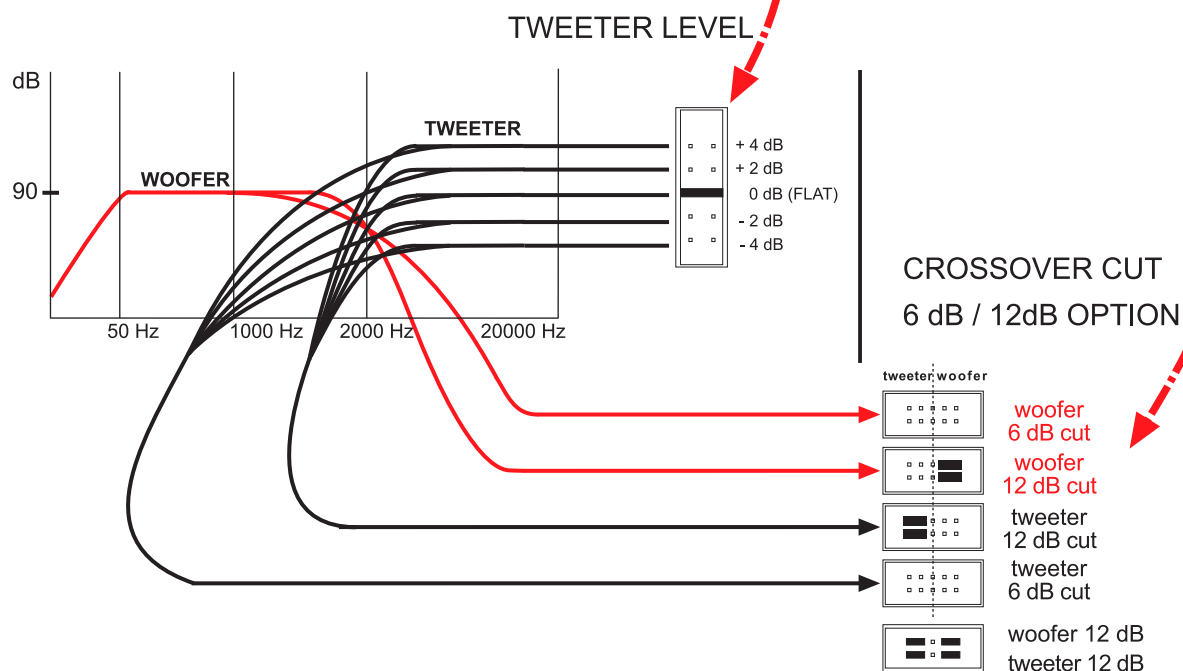
ACCUSET MX-22 CROSSOVER ALIGNMENT SYSTEMS

Use the black jumper to determine the tweeter +/- dB level

Use the black jumper to determine the tweeter and woofer crossover slope cut



ACCUSET ALIGNMENT SYSTEM



HYBRID OVATION SPECIFICATIONS

4" SYSTEM SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	100W
Max. Transient Power Handling	300W
Sensitivity (2.83V/1M)	89dB
Frequency response	50-25000Hz

4" WOOFER SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	100W
Max. Transient Power Handling	300W
Sensitivity (2.83V/1M)	89dB
Frequency response	50-4200Hz
FS	82Hz
Voice Coil Diameter	54mm (2.125")
Voice Coil Height	10.5mm (.41")
Voice Coil type/ Former	Aluminum
Voice Coil Wire	Hexatech™ Aluminum
DC Resistance	4.2Ohm
Voice Coil Inductance @1Khz	0.34MH
Magnet system	Hybrid,Rear Vented magnet
HE- Magnetic Gap Height	5mm
B- Flux density	0.85T
BL Product/BXL	5.92
Max Linear Excursion/Xmax	5.5mm (±2.75mm)
Suspension Compliance CMS	551
Mechanical Q factor QES	0.41
Total Q Factor Q/T	0.35
QMS	2.44
Mechanical Resistance RMS	0.68KgS¹
Moving Mass MMS	6.48gr
Equivalent Cas Air Load VAS	3.17 Liters
Effective piston area SD	64cm²
Cone Type	One Piece Formed
Cone Material	DPC (Damped Polymer Composite)
Unit Diameter	104mm (4")
Mounting Depth	50mm (2")
Mounting Cutout	95mm (3.74") Dia.
Net Weight	0.530Kg

5" SYSTEM SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	150W
Max. Transient Power Handling	600W
Sensitivity (2.83V/1M)	91dB
Frequency response	40-25000Hz

5" WOOFER SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	150W
Max. Transient Power Handling	500W
Sensitivity (2.83V/1M)	91dB
Frequency response	35-3000Hz
FS	60Hz
Voice Coil Diameter	54mm (2.125")
Voice Coil Height	10.5mm (.41")
Voice Coil type/ Former	Aluminum
Voice Coil Wire	Hexatech™ Aluminum
DC Resistance	3.7Ohm
Voice Coil Inductance @1Khz	0.31MH
Magnet system	Hybrid,Rear Vented magnet
HE- Magnetic Gap Height	5mm
B- Flux density	1.0T
BL Product/BXL	4.33
Max Linear Excursion/Xmax	5.5mm (±2.75mm)
Suspension Compliance CMS	921
Mechanical Q factor QES	0.55
Total Q Factor Q/T	0.45
QMS	2.54
Mechanical Resistance RMS	0.52KgS¹
Moving Mass MMS	7.0gr
Equivalent Cas Air Load VAS	10.50 Liters
Effective piston area SD	90cm²
Cone Type	One Piece Formed
Cone Material	DPC (Damped Polymer Composite)
Unit Diameter	135mm (5.25")
Mounting Depth	60mm (2.36")
Mounting Cutout	120mm (4.72") Dia.
Net Weight	0.600Kg

6" SYSTEM SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	160W
Max. Transient Power Handling	600W
Sensitivity (2.83V/1M)	91dB
Frequency response	35-25000Hz

6" WOOFER SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	160W
Max. Transient Power Handling	600W
Sensitivity (2.83V/1M)	91dB
Frequency response	35-3000Hz
FS	55Hz
Voice Coil Diameter	54mm (2.125")
Voice Coil Height	10.5mm (.41")
Voice Coil type/ Former	Aluminum
Voice Coil Wire	Hexatech™ Aluminum
DC Resistance	3.2Ohm
Voice Coil Inductance @1Khz	0.24MH
Magnet system	Hybrid, Rear Vented magnet
HE- Magnetic Gap Height	5mm
B- Flux density	1.0T
BL Product/BXL	4.47
Max Linear Excursion/Xmax	5.1mm (±2.75mm)
Suspension Compliance CMS	870
Mechanical Q factor QES	0.49
Total Q Factor Q/T	0.42
QMS	2.69
Mechanical Resistance RMS	0.60KgS¹
Moving Mass MMS	9.30gr
Equivalent Cas Air Load VAS	17.30 Liters
Effective piston area SD	119cm²
Cone Type	One Piece Formed
Cone Material	DPC (Damped Polymer Composite)
Unit Diameter	165mm (4")
Mounting Depth	61mm (2")
Mounting Cutout	141mm (3.74") Dia.
Net Weight	0.735Kg

TWEETER MT-22 SPECIFICATIONS

Nominal Impedance	4 Ohm
Power Handling	110W
Max. Transient Power Handling	300W
Sensitivity (2.83V/1M)	91dB
Frequency response	1600-25000Hz
FS	950Hz
Voice Coil Diameter	28mm (1.125")
Voice Coil Height	2.2mm (.06")
Voice Coil Former	Aluminum
Voice Coil Wire	Hexatech™ Aluminum
DC Resistance	3.4Ohm
Magnet system	Neodymium
HE- Magnetic Gap Height	2mm (0.12")
Dome Type	Acuflex™
Unit Diameter	45mm (1.8") Dia.
Mounting Depth	20mm (0.8")
Mounting Cutout	50mm (2") Dia.

ACCUSET MX-22 CROSSOVER

Nominal Impedance	4 Ohm
Power Handling	280W
Crossover Point	1800Hz
Crossover Controls	Frequency Slope: Cut 6/12 dB. Tweeter Level: ± 4 dB (2 dB steps)
Wiring Options	Standard, Bi-amp, Bi-wire.
Housing Material	Die-cast Aluminium
Terminal Type	Large Screws gold plated
Net Weight	1.050 Kg



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