

INTEGRA OVATION SPECIFICATIONS

WOOFERS	Integra Ovation XO 4	Integra Ovation XO 5	Integra Ovation XO 6
Nominal Impedance	4.00 ohm	4.00 ohm	4.00 ohm
Power Handling	80W	90W	100W
Max. Transient Power Handling	250W	250W	400W
Sensitivity (2.83V/1M)	88dB	89dB	90dB
Frequency Response	60-4000Hz	50-4000Hz	45-3800Hz
FS	92Hz	70Hz	65Hz
Voice Coil Diameter	54.00mm (2.10")	54.00mm (2.10")	54.00mm (2.10")
Voice Coil Type/ Former	Aluminum	Aluminum	Aluminum
Voice Coil Wire	Hexatech aluminum	Hexatech aluminum	Hexatech aluminum
DC Resistance	3.40 ohm	3.50 ohm	3.20 ohm
Voice Coil Inductance @1kHz	0.17MH	0.44MH	0.58MH
Magnet System	Neodymium	Neodymium	Neodymium
HE-Magnetic Gap Height	4.00mm (0.18")	5.00mm (0.20")	5.00mm (0.20")
B-Flux Density	0.90T	0.90T	0.85T
BL Product/BXL	3.86	4.12	3.95
Max. Linear Excursion/Xmax	4.00mm (±2.00mm)	5.50mm (±2.75mm)	5.50mm (±2.75mm)
Suspension Compliance CMS	469	920	806
Mechanical Q Factor QES	0.70	0.52	0.57
Total Q Factor Q/T	0.58	0.45	0.50
QMS	3.27	3.23	3.95
Mechanical Resistance RMS	0.42kgS ¹	0.42kgS ¹	0.38kgS ¹
Moving Mass MMS	4.40gr	5.67gr	6.54gr
Equivalent Cas Air Load VAS	3.00L (0.11ft ³)	10.50L (0.37ft ³)	16.00L (0.57ft ³)
Effective Piston Area SD	64cm ² (9.92in ²)	90cm ² (13.95in ²)	119cm ² (18.45in ²)
Cone Material	€omposite cellular fiber	€omposite cellular fiber	€omposite cellular fiber
Unit Diameter	104.00mm (4.09")	135.00mm (5.25")	165.00mm (6.50")
Mounting Depth	50.00mm (2.00")	60.00mm (2.36")	61.00mm (2.40")
Mounting Cutout	95.00mm (3.74")	120.00mm (4.72")	141.00mm (5.55")
Net Weight	0.50kg (1.10lb)	0.60kg (1.32lb)	0.75kg (1.65lb)

CROSSOVER	INT -4,5,6
Nominal Impedance	4.00 ohm
Power Handling	150W
Crossover Point	3200Hz 6dB/octave
Crossover Controls	Tweeter level -3dB, 0dB, +3dB
Wiring Options	Standard
Housing Material	Black ABS
Terminal Type	Large screws gold plated
Net Weight	0.21kg (0.46lb)

TWEETER	
Nominal Impedance	4.00 ohm
Power Handling	80W
Max. Transient Power Handling	250W
Sensitivity (2.83V/1M)	91dB
Frequency Response	3000-22000Hz
FS	950Hz
Voice Coil Diameter	28.00mm (1.10")
Voice Coil Former	Aluminum
Voice Coil Wire	Copper
DC Resistance	3.40 ohm
Magnet System	Neodymium
Dome Type	Acuflex soft dome
Dome Material	Silk



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INTEGRA OVATION XO 4/5/6

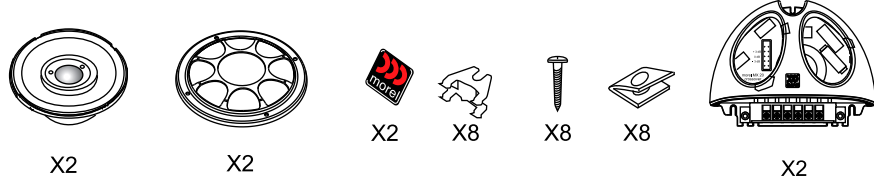
Installation Guide



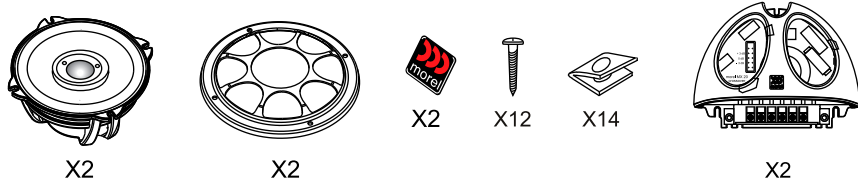
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PACKAGE CONTENT

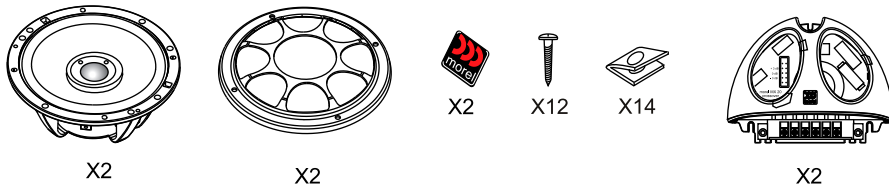
4" INTEGRA OVATION XO UNIT



5" INTEGRA OVATION XO UNIT

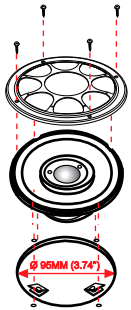


6" INTEGRA OVATION XO UNIT

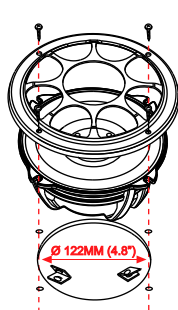


UNIT MOUNTING

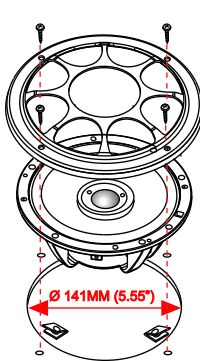
4" UNIT MOUNTING



5" UNIT MOUNTING



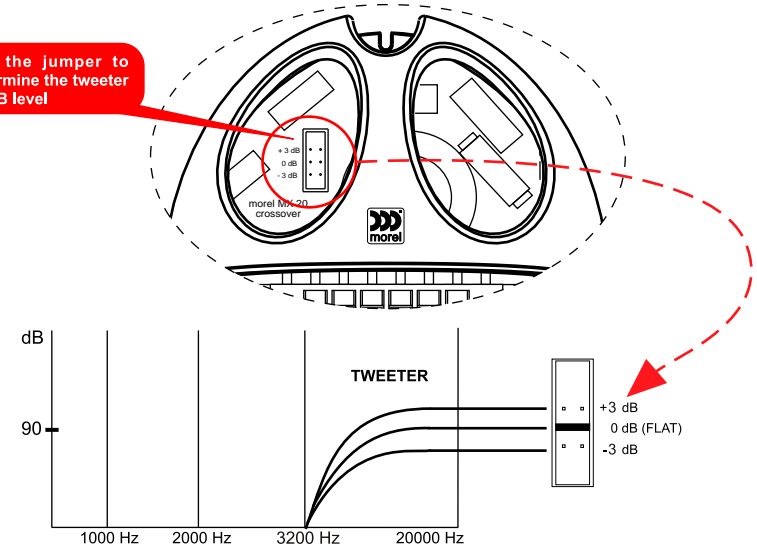
6" UNIT MOUNTING



- Use the screw clips in any combination, without the octopus grille. These clips can be used either way up/down depending on installation requirements.
- Use the non-screw clips to install in locations which do not require screws.

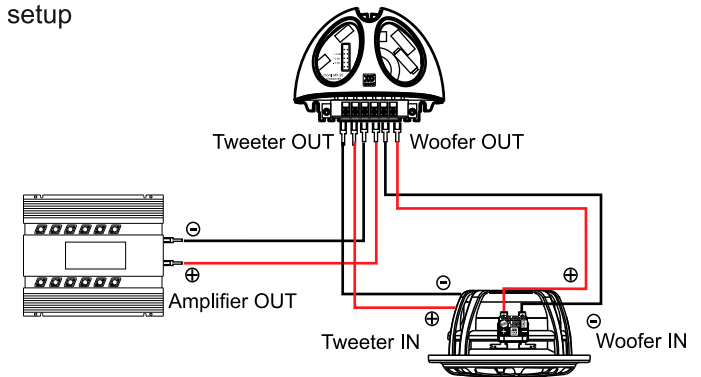
TWEETER ATTENUATION LEVEL FOR INTEGRA OVATION XO 4/5/6

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

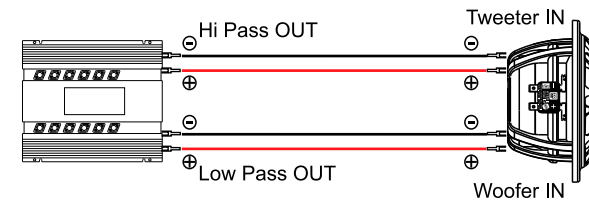


CONNECTION DIAGRAM FOR INTEGRA OVATION XO 4/5/6

Passive setup



Active setup



2ch Amplifier with crossover filtered outputs