



# MW-168

6" Bass Midrange

classic range



Specifications – MW-168

APPLICATION INFORMATION		
Overall Dimensions		See diagram
Nominal Power Handling (DIN) P		150 W
Transient Power - 10 ms		1,000 W
Nominal Impedance Z		8 Ω
Sensitivity 1W/1M		98 dB
Frequency Response		40 – 5,000 Hz
Resonant Frequency FS		44 Hz
VOICE COIL		
Voice Coil Diameter	φ	75mm (3")
Voice Coil Height		12 mm (0.47")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech aluminum
Number of Layers		2
DC Resistance RE		5.2 Ω
Voice Coil Inductance @ 1 kHz	LBM	0.51 mH
MAGNET SYSTEM		
Magnet System Type		Double Ferrite, Vented
Magnetic Gap Height	HE	5.0 mm (0.20")
Flux Density B		0.72 T
BL Product		8.56 NA
Max. Linear Excursion X		±3.25 mm (0.13")
OPERATIONAL PARAMETERS		
Suspension Compliance	CMS	799 μm / Newton
Mechanical Q Factor	QMS	2.59
Electrical Q Factor	QES	0.50
Total Q Factor	Q/T	0.41
Mechanical Resistance	RMS	1,850 Kg S <sup>-1</sup>
Moving Mass	MMS	14 g
Equivalent Cas Air Load	VAS	18.0 L
Cone / Dome Material		Damped Polymer composite
Effective Piston Area	S	119 cm <sup>2</sup>
Net Weight		Kg 1.1 Kg

Features:

- Hexatech aluminum voice coil
- Vented double magnet system
- Gold Plated input tags
- Reduced stray magnetic field

The MW-168 is newest 6" driver from Morel. This driver features a large 3" aluminum Hexatech voice coil (supports a large area of the cone helping to prevent cone breakup and reduce distortion at high power) and a rear vented, double magnet system. The shallow profile, one-piece DPC cone and dustcap allow for good dispersion. This driver has excellent reproduction of low frequencies, clear and warm midrange and high power handling.

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