



MW-144

5" Bass Midrange

classic range



Features:

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

Specifications – MW-144

APPLICATION INFORMATION	
Overall Dimensions	See diagram
Nominal Power Handling (DIN)	150 W
Transient Power - 10 ms	1,000 W
Nominal Impedance	Z 8 Ω
Sensitivity 1W/1M	88 dB
Frequency Response	48 – 5,000 Hz
Resonant Frequency	FS 45 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 0.32 mH
MAGNET SYSTEM	
Magnet System Type	Double Ferrite, Vented
Magnetic Gap Height	HE 5 mm (0.20")
Flux Density	B 0.68 T
BL Product	BAL 8.20 NA
Max. Linear Excursion	X 53.5 mm (0.137")
OPERATIONAL PARAMETERS	
Suspension Compliance	CMS 1,085 μM / Newton
Mechanical Q Factor	QMS 1.71
Electrical Q Factor	QES 0.46
Total Q Factor	QT 0.98
Mechanical Resistance	RMS 1.88 Kg S ⁻¹
Moving Mass	MMS 11.40 g
Equivalent Cas Air Load	VAS 12.34 L
Cone / Dome Material	DPC (Damped Polymer Composite)
Effective Piston Area	S 90 cm ²
Net Weight	Kg 1.0 Kg

The MW-144 is a newer version of the MW-142. Like the MW-142, this drivers uses a 3" Hexatech aluminum voice coil. The MW-144 has a higher sensitivity due to the enlargement of the double magnet system. The new chassis style on the MW-144 is also designed for maximum freedom of cone movement via addition ventilation holes under the suspension.

MW 144

