

Ferrite Magnet Compression Driver



Specifications

General Specifications

Power rating.....	150 W
Nominal impedance.....	8Ω
Sensitivity.....	109 dB
Frequency range.....	800-18000 Hz
Recommended min. crossover (12dB/oct).....	800 Hz
Voice coil diameter.....	101.6mm/4 in
Voice coil material.....	AL-R
Magnet type.....	Ferrite
Diaphragm and surround material	Titanium
Net Weight.....	12 kg/26.5 lb
Packing Dimension WxDxH.....	235 x 235 x 170 mm
Shipping Weight (1 Pc).....	12.3 kg/27.1 lb

Features

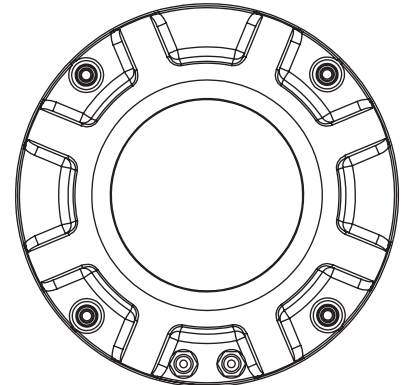
- Large Format Wide Bandwidth Compression Driver
- 2.0" Exit Diameter
- 600 Watts Peak Power Handling
- Pure Titanium Based 4" Diaphragm Diameter
- Bolt On Mounting
- Ferrite Magnetics

Applications

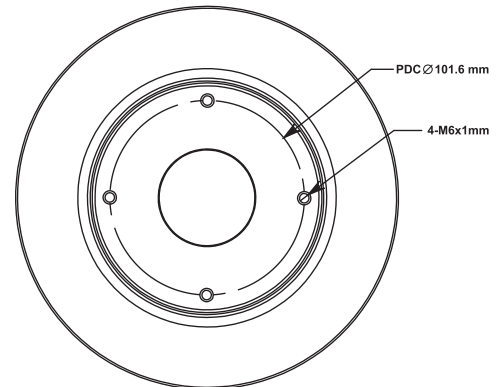
The P Audio BM-D950 is a very high performance ultra large format compression driver. The driver features a large optimized ferrite motor that provides extended high frequency response and bandwidth. The ultra large format 4 inch (101.6mm) titanium diaphragm produces very high sound pressure level performance. The BM-D950 offers superior vocal fundamentals and excellent vocal range intelligibility while also offering extended high frequency response. The increased magnetic volume insures elevated thermal reliability and reduced high frequency power compression as well as extended high frequency content.

The BM-D950 offers very high continuous power handling and excellent reliability. The design allows for the driver to be crossed over as low as 800Hz yet still exhibits full specification performance. The rated continuous power handling is 150 watts.

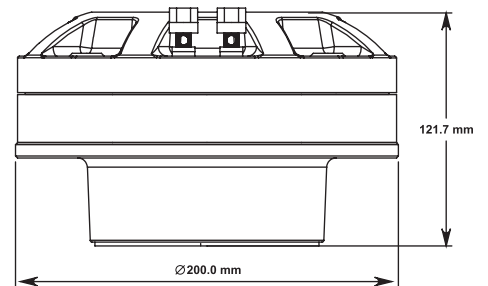
The BM-D950 features a finite element optimized ferrite magnet structure that offers excellent magnetic efficiency. The design features an industry standard 2.0 inch (50.8mm) exit diameter that will accommodate most standard bolt on style high frequency horns. Useable frequency range is 800Hz to 18kHz. The amplitude response is very controlled and offers excellent time domain response.



TOP VIEW



BOTTOM VIEW



FRONT VIEW

Frequency Response and Impedance Curves

