

10" - Bass Mid Driver

Pro PA Range

Applications: Bass Guitar Systems

- 200 Watt (AES)
- Symmetrical Field Magnet
- Extended Response
- Low Midrange Colouration
- Exceptional Bass Performance
- Net Weight: 4.9 Kgs



The BM251.4 curvilinear cone is terminated in a critically doped linen surround and the magnet system has a symmetrical field for linearity and low distortion. Extremely low midrange colouration with a well extended smooth response are special features of this unit. The extended range and detailed bass offer crystal clear, high quality sound that particularly suits a percussive playing style. A range of impedances to suit use in multiples is available. The BM251.4 is a high efficiency, high performance bass midrange unit designed for use in high quality bass guitar systems.

Specifications

Nominal Diameter	250 mm
Power Rating	200 Watt (AES)
Sensitivity (1w / 1m)	97 dB
Frequency Range	40 - 4500Hz
Nominal Impedance	4, 8 or 16 ohms
BL Factor	12.4 N/A
Voice Coil Diameter	50 mm
Voice Coil Material	Copper
Maximum Excursion	25 mm (peak to peak)
Magnetic Assembly Weight	3.8 Kgs
Effective Moving Mass	0.024 Kgs
Compliance	0.00031 M/N
Volume Displacement	1.1 Litres
Connection	5mm Solder Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	59 Hz
Re	5.15 Ohms
Qa	4.88
Qe	0.29
Qt	0.28
Vas	49 Litres
Xmax	±2.5 mm
Sd	337 cm ²
Vd	84 cm ³
Le	0.8 mH

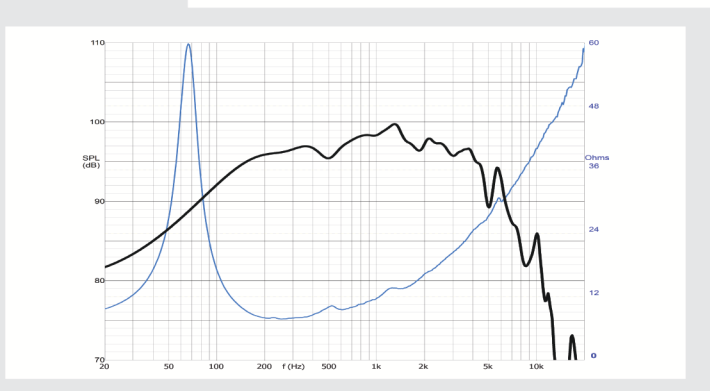
Mounting Information

Overall Diameter	285 mm
Fixing Bolt Diameter	268 mm
Fixing Holes	4 x M5
Front Mount Cut-out Diameter	253 mm
Suggested Rebate Depth	9.5 mm
Depth Below Front Flange	109.5 mm
Total Depth	119 mm
Weight	4.9 Kgs

Suggested Enclosures

Volume in Litres	15	28	40
Vent diameter in Cm	7.5	7.5	7.5
Vent length in Cm	6.5	2.5	3
System Q	10	10	10
-3dB Freq in Hz	90	75	65

Response Curve



Dimensions

