

10" - Bass Mid Driver

Pro PA Range

Applications: Bass Mid in PA Systems

- 200 Watt (AES)
- Symmetrical Field Magnet
- Doped Cone
- Extended Midrange
- Exceptional Bass Performance
- Net Weight: 4.9 Kgs



The BM251.3 cone is fully doped and terminated in a linen surround. The magnet has a symmetrical field and a long voice coil is used for linearity and accurate bass reproduction at high power levels. Low midrange colouration and bass linearity are special features of this unit and it is ideally used with a small compression driver and horn for optimum results in compact high quality systems. The BM251.3 is a medium efficiency, high performance bass midrange unit designed for use in compact systems.

Specifications

Nominal Diameter	250 mm
Power Rating	200 Watt (AES)
Sensitivity (1w / 1m)	95 dB
Frequency Range	40 - 4000Hz
Nominal Impedance	4, 8, 16 ohms
BL Factor	12.2 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	0.031 Kgs
Compliance	0.00027 M/N
Volume Displacement	1.1 Litres
Connection	5mm Solder Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	55 Hz
Re	5.2 Ohms
Qa	5.42
Qe	0.37
Qt	0.35
Vas	44 Litres
Xmax	±5 mm
Sd	336 cm ²
Vd	168 cm ³
Le	1 mH

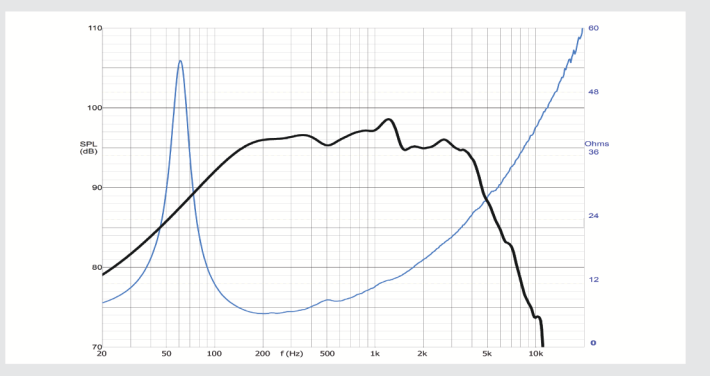
Mounting Information

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	25	35	50
Vent diameter in Cm	7.5	7.5	7.5
Vent length in Cm	8.5	7.5	6.5
System Q	10	10	10
-3dB Freq in Hz	65	60	47

Response Curve



Dimensions

