

10" - Bass Mid Driver

Pro PA Range

Applications: Bass Mid in Stage Monitor Systems

- 250 Watt (AES)
- Symmetrical Field Magnet
- Vented Magnet
- Low Midrange Colouration
- Optimised For Compact Systems
- Net Weight: 8.65 Kgs



The BM2500.5 is a high power bass-midrange unit designed for use in very compact satellite systems or stage monitors. It has a smooth response with very low levels of colouration and complete freedom from cone breakup modes at high levels, The magnet is massive and rear vented. The response is tailored for use in two way systems optimised for use with a subwoofer or in low profile wedge monitors.

Specifications

Nominal Diameter	250 mm
Power Rating	250 Watt (AES)
Sensitivity (1w / 1m)	96 dB
Frequency Range	45 - 2500Hz
Nominal Impedance	8 or 16 ohms
BL Factor	15 N/A
Voice Coil Diameter	75 mm
Voice Coil Material	Copper
Maximum Excursion	20 mm (peak to peak)
Magnetic Assembly Weight	8.1 Kgs
Effective Moving Mass	0.034 Kgs
Compliance	0.00027 M/N
Volume Displacement	2 Litres
Connection	Metal Push Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	52 Hz
Re	5.2 Ohms
Qa	6.55
Qe	0.26
Qt	0.25
Vas	43 Litres
Xmax	±4 mm
Sd	336 cm ²
Vd	134 cm ³
Le	0.5 mH

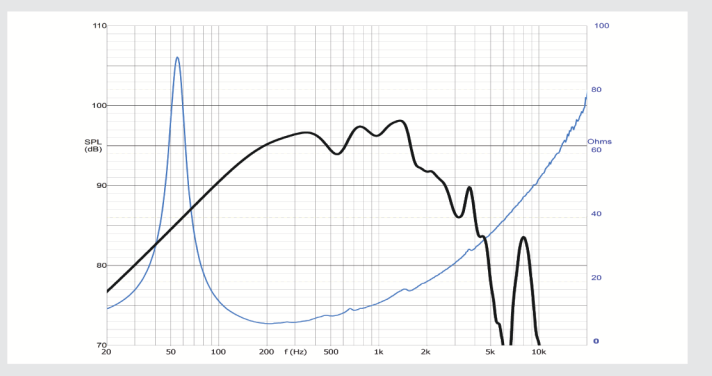
Mounting Information

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	111.5 mm
Total Depth	121 mm
Weight	8.65 Kgs

Suggested Enclosures

Volume in Litres	12	20	30
Vent diameter in Cm	7.5	7.5	7.5
Vent length in Cm	10	8	7
System Q	7	7	7
-3dB Freq in Hz	90	75	60

Response Curve



Dimensions

