

10" - Bass Mid Driver

Studio Range

Applications: Bass Mid in Studio Monitors

- 200 Watt (AES)
- Symmetrical Field Magnet
- Low Midband Colouration
- 3" Voice Coil
- Exceptional Bass Performance
- Net Weight: 8.65 Kgs



The BM2500.4 uses a massive magnet with a symmetrical field, extended pole and exceptionally long voice coil for maximum linearity. The cone, linen surround and dome are critically matched and doped to ensure very low midband colouration. The result is analytical sound quality with a stunning dynamic range. The BM2500.4 is designed for use in two way nearfield studio monitors where accuracy and realism are essential.

Specifications

Nominal Diameter	250 mm
Power Rating	200 Watt (AES)
Sensitivity (1w / 1m)	93 dB
Frequency Range	25 - 2000Hz
Nominal Impedance	8, 16 ohms
BL Factor	15.5 N/A
Voice Coil Diameter	75 mm
Voice Coil Material	Copper
Maximum Excursion	25 mm (peak to peak)
Magnetic Assembly Weight	8.1 Kgs
Effective Moving Mass	0.054 Kgs
Compliance	0.00023 M/N
Volume Displacement	2 Litres
Connection	Metal Push Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	45 Hz
Re	4.8 Ohms
Qa	2.43
Qe	0.30
Qt	0.27
Vas	37 Litres
Xmax	±8 mm
Sd	337 cm ²
Vd	269 cm ³
Le	0.9 mH

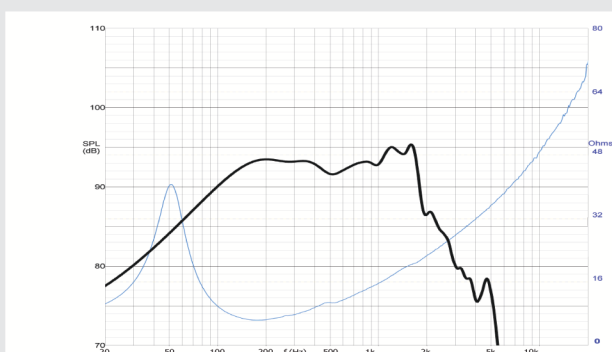
Mounting Information

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	20	32	45
Vent diameter in Cm	7.5	7.5	7.5
Vent length in Cm	9	11	13
System Q	7	7	7
-3dB Freq in Hz	60	50	40

Response Curve



Dimensions

