

10" - Midrange Driver

Pro PA Range

Applications: Midrange in PA Systems

- 200 Watt (AES)
- High Efficiency
- Vented Magnet
- Low Midrange Colouration
- Exceptional Midrange Performance
- Net Weight: 8.65 Kgs



The M2500.2 is a high power midrange unit designed for use in the most demanding professional applications. 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 M2500.2 has an aluminium dustcap and an additional linen dustcap to optimise response smoothness as a direct radiating midrange unit.

Specifications

Nominal Diameter	250 mm
Power Rating	200 Watt (AES)
Sensitivity (1w / 1m)	99 dB
Frequency Range	200 - 3000Hz
Nominal Impedance	8 or 16 ohms
BL Factor	20 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	0.00022 M/N
Volume Displacement	2 Litres
Connection	Metal Push Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	59 Hz
Re	5.1 Ohms
Qa	0.96
Qe	0.16
Qt	0.14
Vas	34 Litres
Xmax	±0.44 mm
Sd	337 cm ²
Vd	15 cm ³
Le	0.4 mH

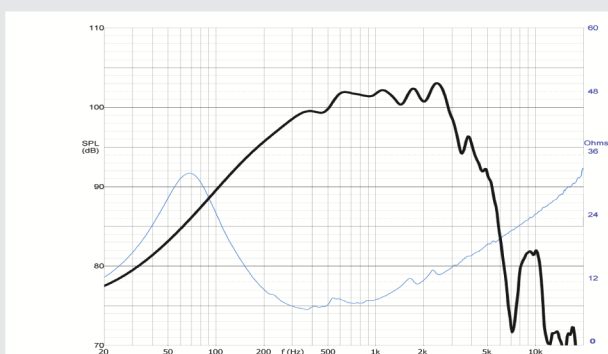
Mounting Information

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	1.2	3.6
Vent diameter in Cm	Sealed-	5
Vent length in Cm	Box	1.9
System Q		7
-3dB Freq in Hz	300	175

Response Curve



Dimensions

