

10" - Sub Bass Driver

Studio Range

Applications: Sub Bass in Studio Monitors

- 200 Watt (AES)
- Critically Doped Cone
- High Linear Excursion
- Exceptional Sub Bass Performance
- Heavy Duty 10" High Pressure Chassis
- Net Weight: 5.8 Kgs



The SB2550 uses a heavy, doped cone, large rubber surround and a rigid plastic dustcap that can make high excursions with true piston movement. The stacked magnet assembly is rear vented for cooling and is deep enough to allow exceptional peak to peak travel well in excess of the substantial linear capability without bottoming out.

The design and construction of the SB2550 is dedicated to maximising no compromise sub bass reproduction.

Specifications

Nominal Diameter	250 mm
Power Rating	200 Watt (AES)
Frequency Range	18 - 500Hz
Nominal Impedance	8 ohms
Voice Coil Diameter	50 mm
Voice Coil Height	29 mm
Voice Coil Layers	2
Magnet Gap Height	8 mm
Linear Excursion (XMax)	±11 mm
Maximum Excursion	36 mm
Volume Displacement	1.2Litres
Connection	Metal Push Terminals
Chassis	High Pressure Diecast Aluminium

Thiele-Small Parameters

Fs	21 Hz
Re	6.0 Ω
Sd	337 cm ²
Qms	1.90
Qes	0.34
Qts	0.29
Cms	0.69 mm/N
Mms	84.48 g
Rms	5.82 Ωm
Bl	14.0 N/A
Sensitivity (1w / 1m)	88 dB
VAS	111.0 L
Le	1.46 mH

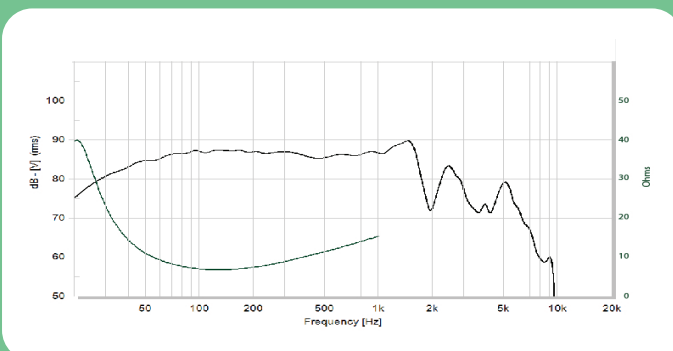
Mounting Information

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	122.5 mm
Total Depth	132 mm
Weight	5.8 Kgs

Suggested Enclosures

Volume in Litres	10	30	100
Vent diameter in Cm	Sealed	7.5	7.5
Vent length in Cm	Box	44	31
System Q		0.7	10
-3dB Freq in Hz		55	30
			18

Response Curve



Dimensions

