

8" - Sub Bass Driver

Studio Range

Applications: Sub Bass in Studio Monitors

- 150 Watt (AES)
- Critically Doped Cone
- Symmetrical Field Magnet
- Exceptional Sub Bass Performance
- Heavy Duty 8" High Pressure Chassis
- Net Weight: 4.1 Kgs



The SB2201 has been optimised for bass performance in sub-woofer applications. It uses a vented, symmetrical field magnet system with an exceptionally long voice coil for large linear excursion capability. The cone uses a long fibred pulp for rigidity and with the dustcap, is damped by a coat of glossy black dope. Suspension stiffness and excursion is optimised for tight control over high power transients.

The Thiele-Small parameters are ideal for easy use in small sealed, vented or bandpass enclosures to give extended bass performance.

Specifications

Nominal Diameter	220 mm
Power Rating	150 Watt (AES)
Frequency Range	20 - 1000Hz
Nominal Impedance	8 ohms
Voice Coil Diameter	38 mm
Voice Coil Height	30 mm
Voice Coil Layers	2
Magnet Gap Height	6 mm
Linear Excursion (XMax)	±12 mm
Maximum Excursion	30 mm
Volume Displacement	0.8 Litres
Connection	4.8mm Solder Terminals
Chassis	High Pressure Diecast Aluminium

Thiele-Small Parameters

Fs	27 Hz
Re	4.8 Ω
Sd	227 cm ²
Qms	5.94
Qes	0.53
Qts	0.49
Cms	0.58 mm/N
Mms	50.3 g
Rms	1.70 Ωm
Bl	9.72 N/A
Sensitivity (1w / 1m)	86 dB
VAS	37.35 L
Le	0.85 mH

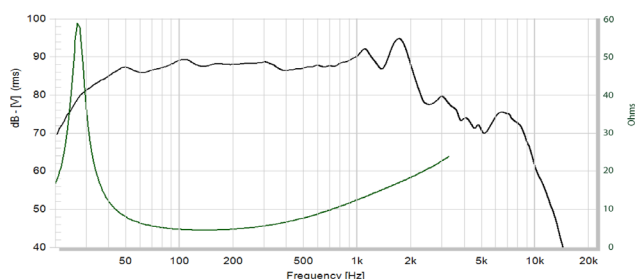
Mounting Information

Overall Diameter	235 mm
Fixing Bolt Diameter	218 mm
Fixing Holes	4 x M5
Front Mount Cut-out Diameter	192 mm
Suggested Rebate Depth	9.5 mm
Depth Below Front Flange	108.5 mm
Total Depth	118 mm
Weight	4.1 Kgs

Suggested Enclosures

Volume in Litres	20	35	50
Vent diameter in Cm	Sealed	5	5
Vent length in Cm	Box	15	14
System Q	0	7	10
-3dB Freq in Hz	44	30	25

Response Curve



Dimensions

