

8" - Bass Driver

Studio Range

Applications: Bass in Compact Studio Monitors

- 150 Watt (AES)
- Doped Cone
- Double Suspensions
- Symmetrical Field Magnet
- Exceptional Bass Performance
- Net Weight: 4.1 Kgs



The B220.2 uses a symmetrical field magnet system with a long coil for large linear excursion capability. Double rear suspensions guarantee transient stability at high drive levels. The cone is doped for minimal colouration. The Thiele-Small parameters are optimised for easy use in relatively small enclosures to give extended bass performance. The B220.2 has been optimised for bass performance in compact studio monitoring systems.

Specifications

Nominal Diameter	200 mm
Power Rating	150 Watt (AES)
Sensitivity (1w / 1m)	90 dB
Frequency Range	25 - 1000Hz
Nominal Impedance	8 or 16 ohms
BL Factor	11.8 N/A
Voice Coil Diameter	38 mm
Voice Coil Material	Copper
Maximum Excursion	25 mm (peak to peak)
Magnetic Assembly Weight	3.6 Kgs
Effective Moving Mass	0.033 Kgs
Compliance	0.00077 M/N
Volume Displacement	0.8 Litres
Connection	5mm Solder Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	32 Hz
Re	6 Ohms
Qa	1.92
Qe	0.28
Qt	0.25
Vas	49 Litres
Xmax	±5.25 mm
Sd	214 cm ²
Vd	112 cm ³
Le	1 mH

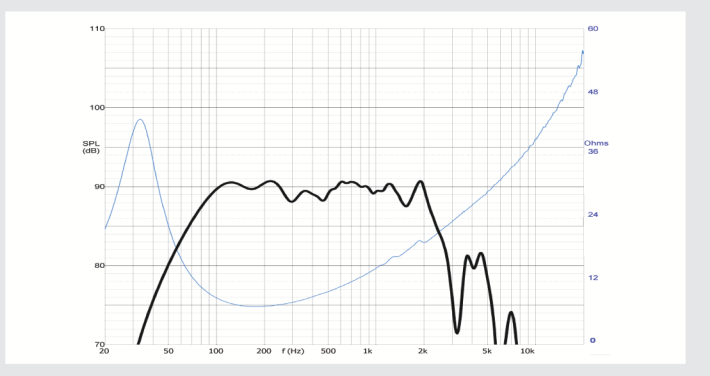
Mounting Information

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	96.5 mm
Total Depth	106 mm
Weight	4.1 Kgs

Suggested Enclosures

Volume in Litres	15	35	60
Vent diameter in Cm	5	5	5
Vent length in Cm	12	6	4
System Q	7	5	5
-3dB Freq in Hz	55	45	35

Response Curve



Dimensions

