

10" - Bass Driver

Studio Range

Applications: Bass in Studio Monitors

- 250 Watt (AES)
- Symmetrical Field Magnet
- Dual Suspensions
- Rear Vented Magnet
- Exceptional Bass Performance
- Net Weight: 8.65 Kgs



The B2500.1 uses a massive magnet with symmetrical magnetic field and extended pole for maximum linearity. Matched dual rear suspensions maintain stability at high power levels. The cone is exceptionally rigid ensuring true piston integrity. The B2500.1 is the ultimate 250 mm high power studio bass driver. This unit is intended for state of the art studio systems where dynamic range and analytical clarity are essential.

Specifications

| | |
|--------------------------|----------------------|
| Nominal Diameter | 250 mm |
| Power Rating | 250 Watt (AES) |
| Sensitivity (1w / 1m) | 88 dB |
| Frequency Range | 25 - 1000Hz |
| Nominal Impedance | 8, 16 or 24 ohms |
| BL Factor | 18.7 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 | 0.104 Kgs |
| Compliance | 0.00016 M/N |
| Volume Displacement | 2 Litres |
| Connection | Metal Push Terminals |
| Chassis | Diecast Aluminium |

Thiele-Small Parameters

| | |
|------|---------------------|
| Fs | 39 Hz |
| Re | 5.7 Ohms |
| Qa | 2.21 |
| Qe | 0.41 |
| Qt | 0.34 |
| Vas | 26. Litres |
| Xmax | ±5.5 mm |
| Sd | 337 cm ² |
| Vd | 185 cm ³ |
| Le | 0.9 mH |

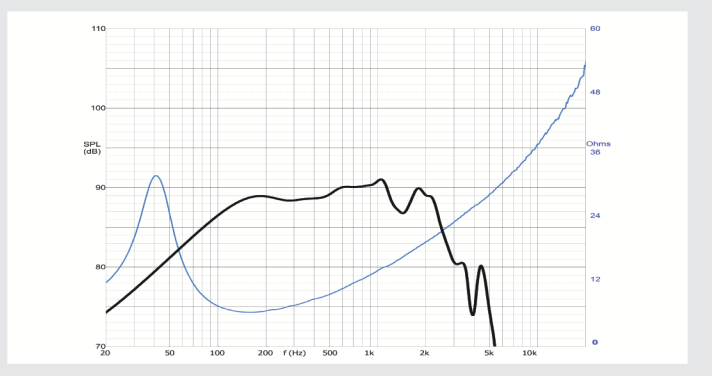
Mounting Information

| | |
|------------------------------|----------|
| 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 | 15 | 28 | 40 |
| Vent diameter in Cm | 6.4 | 7.5 | 7.5 |
| Vent length in Cm | 22 | 29 | 27 |
| System Q | 7 | 7 | 7 |
| -3dB Freq in Hz | 50 | 39 | 34 |

Response Curve



Dimensions

