



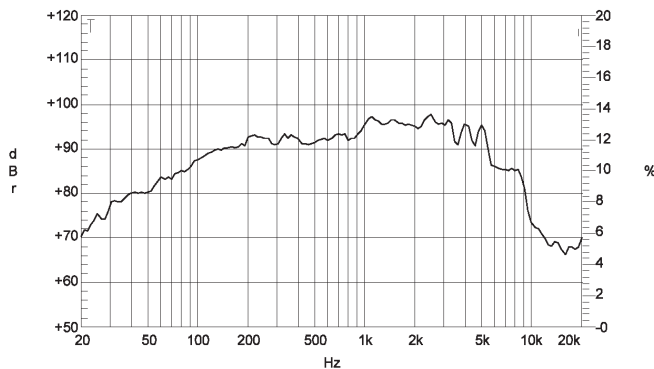
- Heavy duty cast aluminium frame for increased rigidity
- Bass/Mid Range
- 150W_{RMS}
- 2" copper voice coil assembly
- Neodymium magnet assembly
- Net Weight: 2.2kg

PDN.8BM31

Perfectly suited for full range high power applications in compact enclosures, the PDN.8BM30 excels in compact sound systems popular for total coverage of the dance floor where low profile cabinets are required with excellent low frequency response.

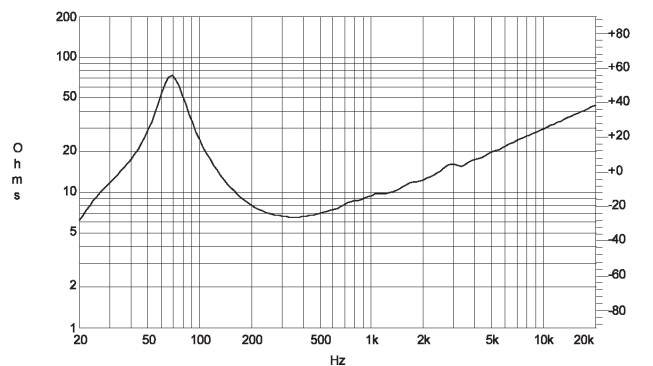
Neodymium technology ensures superb versatility in situations in which a conventional ceramic magnet transducer is unsuitable on grounds of portability or ease of installation.

Response Detail



Please note that frequency response measurements are supplied for comparison purposes only and are not a measure of the low frequency performance which may be achievable in a fully optimised system.

Impedance Detail



Half space response measured in a 975 Litre sealed box.

Specifications

| | |
|----------------------------------|-----------------|
| Nominal Diameter | 20cm (8") |
| Voice coil diameter | 51 mm (2") |
| Nominal Impedance | 4, 8 or 16 Ohms |
| Power rating (AES) ¹ | 150 Watts RMS |
| Sensitivity ² (1W/1M) | 95 dB/1W/1m |
| Frequency range | 70-5.0 KHz |
| Enc Vol recommended | 5-20 Litres |
| Displacement limit (peak-peak) | 12 mm |
| Resonance | 70 Hz |
| Voice coil | copper |
| Voice coil winding depth | 11.5 mm |
| Magnet gap depth | 6.5 mm |
| Flux Density | 1.425 T |
| Dust dome | Paper |
| Suspension | Fabric |
| Cone/Surround | Paper/fabric |

Notes

1. AES Standard (60 to 600 Hz) Program 300 Watts
2. AES Recommended Practice.

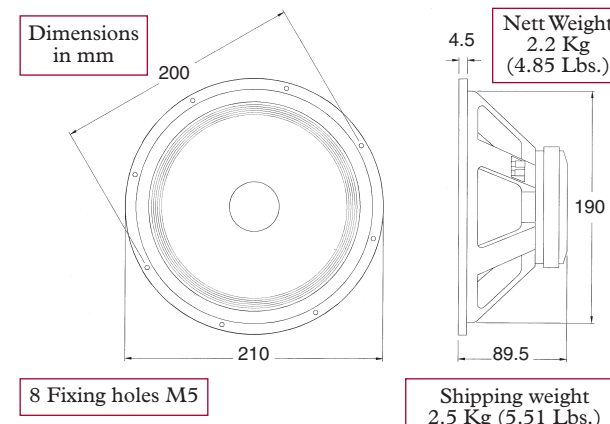
Thiele - Small Parameters

| | |
|-----------|---------------|
| Fs | 71.037 Hz |
| L1 | 0.461 mH |
| L2 | 1.161 mH |
| Res | 81.455 Ohms |
| RMSE-load | 0.556 Ohms |
| Qts | 0.286 |
| RMSE-free | 0.815 Ohms |
| Qms | 4.650 |
| Vas | 15.171 Litres |
| Qes | 0.305 |
| Mms | 21.247 grams |
| Sd | 213.82 sq cm |
| Cms | 236.246 μM/N |
| R2 | 4.400 Ohms |
| BL | 12.889 T/m |
| Xmax | 4.00 mm |
| Re | 5.347 Ohms |

Notes

3. Thiele - Small Parameters follow a 150 Watt preconditioning period.

Mechanical Data



8 Fixing holes M5

Shipping weight
2.5 Kg (5.51 Lbs.)