# PDN.10MH25

## SPECIFICATIONS

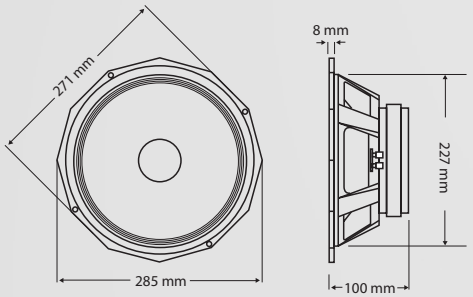
| | |
|---|---|
| Nominal Diameter | 25 cm (10") |
| Voice Coil Diameter | 63 mm (2.5") |
| Nominal Impedance | 4,8 or 16 Ohms |
| Power Rating | 300 Watts (AES) |
| Sensitivity (1w / 1m) | 99 dB |
| Frequency Range | 80 Hz - 5.0 KHz |
| Recommended Enclosure Volume | 20-60 Litres |
| Displacement Limit (peak-peak) | 10 mm (0.39") |
| Resonance | 80 Hz |
| Voice Coil | Copper |
| Voice Coil Winding Depth | 11 mm (0.44") |
| Magnet Gap Depth | 8 mm (0.31") |
| Magnet Material | Neodymium |
| Flux Density | 1.67 T |
| Dust Dome Material | Paper |
| Suspension Material | Fabric |
| Cone / Surround Material | Paper/fabric |

## THIELE SMALL PARAMETERS

| | |
|---|---|
| Fs | 79.716 Hz |
| Re | 5.868 Ohms |
| Qts | 0.221 |
| Qms | 6.22 |
| Qes | 0.229 |
| Vas | 18.030 Litres |
| Mms | 37.251 g |
| Sd | 346.36 $cm^2$ |
| Cms | 107.007 µm/N |
| BL | 21.846 T/m |
| Xmax | 2.6 mm |
| Vd | 0.15 Litres |
| Reference Efficiency | 3.98 % |

## MOUNTING AND SHIPPING INFORMATION

| | |
|---|---|
| Fixing Holes | x 4 Fixing Holes M6 |
| Nett Weight | 3.26 Kg (7.19 lb.) |
| Shipping Weight | 4.51 Kg (9.94 lb.) |




This exceptional low/mid range transducer features a synthetic loaded paper cone optimised for minimum delayed resonances with a smooth mid range roll off which eliminates "out of band" effects.

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

The PDN. 10MH25 excels as a high efficiency transducer perfectly suited to direct radiating or horn loaded mid/high applications.

This transducer perfectly compliments our 15" and 18" neodymium transducers in a three-way system.

- Heavy duty 10" cast aluminium frame with extra wide flange for increased rigidity
- Mid Range
- Field replaceable magnet for touring applications
- 300 RMS (AES)
- 2.5" copper voice coil assembly
- Neodymium magnet assembly
- Net Weight: 3.26kg

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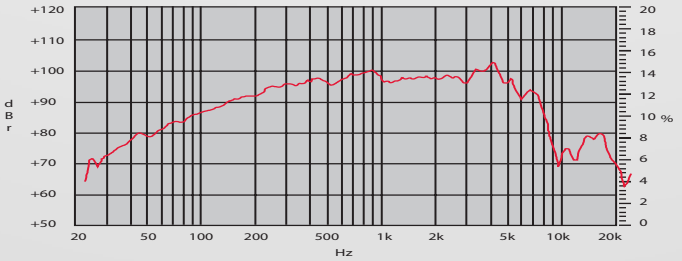
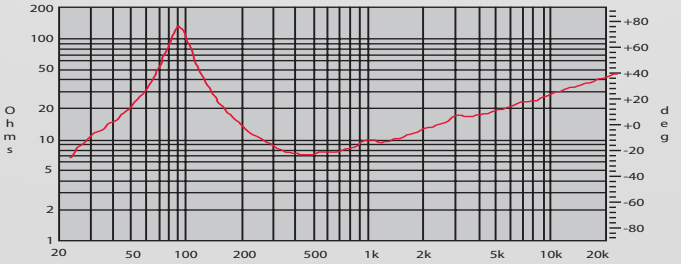
FREQUENCY RESPONSE DATA:




IMPEDANCE:




Half space response measured in a 975 Litre sealed box.
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.

PRECISION DEVICES
MADE IN ENGLAND

1. AES Standard (60 to 100 Hz) Program 600 Watts.
2. AES Recommended Practice.
3. Thiele - Small Parameters follow a 300 Watt preconditioning period.