PDN.10MH25

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.

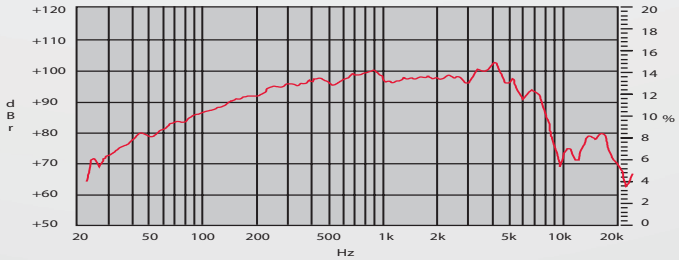
Neodymium technology ensures superb versatility in situations in which a conventional ceramic magnet transducer is unsuitable on grounds of portability or ease of installation.

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

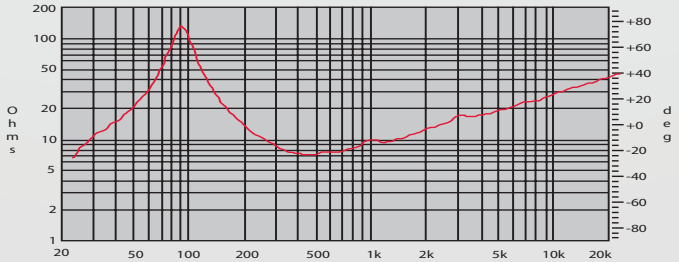
This transducer perfectly compliments our 15" and 18" neodymium transducers in a three-way system.

- 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

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.

SPECIFICATIONS

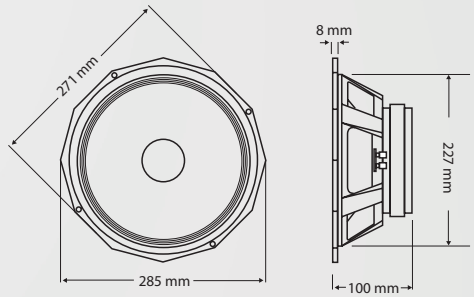
Nominal Diameter	25 cm (10")
Voice Coil Diameter	63 mm (2.5")
Nominal impedance	4,8 or 16 Ohms
Power Rating	300 Watts (AES)
Sensitivity (1W/1M)	99 dB
Frequency Range	80 Hz - 5.0 KHz
Recommended Enclosure Volume	20-60 Litres
Displacement Limit (peak-peak)	10 mm (0.39")
Resonance	80 Hz
Voice Coil	Copper
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 cm2
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.)



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