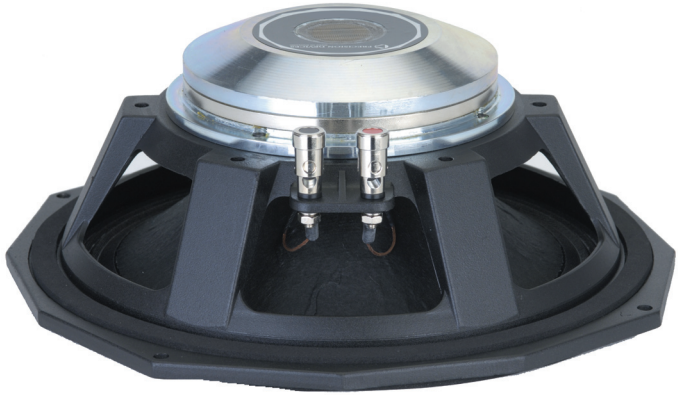
PRECISION DEVICES
MADE IN ENGLAND



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

PDN.10MH25

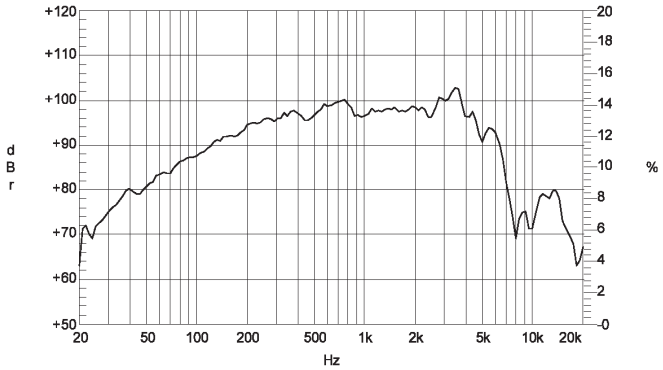
This superlative low/mid range transducer features a synthetic loaded paper cone optimised for minimum delayed resonances with a smooth mid range roll off which eliminates “out of band” effects.

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.

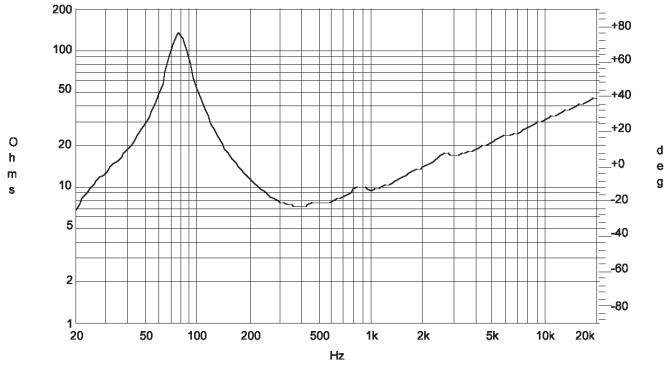
This transducer perfectly compliments our 15” and 18” neodymium transducers in a three-way system.

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	25cm (10”)
Voice coil diameter	63 mm (2.5”)
Nominal impedance	4, 8 or 16 Ohms
Power rating (AES) [1]	300 Watts
Sensitivity [2] (1W/1M)	99 dB/1W/1m
Frequency range	80-5.0 KHz
Enc Vol recommended	N/A
Displacement limit (peak-peak)	10 mm
Nett weight	3.26 Kg
Resonance	80 Hz
Voice coil	copper
Voice coil winding depth	11 mm
Magnet gap depth	8 mm
Flux Density	1.67 T
Dust dome	Paper
Suspension	Fabric
Cone/Surround	Paper/fabric

Notes

1. AES Standard (60 to 100 Hz) Program 600 Watts
2. AES Recommended Practice.

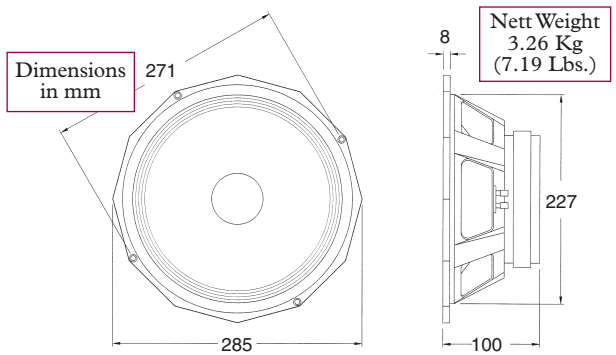
Thiele - Small Parameters

Fs	79.716 Hz
L1	-0.833 mH
L2	2.128 mH
Res	159.115 Ohms
RMSE-load	2.477 Ohms
Qts	0.221
RMSE-free	5.537 Ohms
Qms	6.220
Vas	18.030 Litres
Qes	0.229
Mms	37.251 grams
Sd	346.36 sq cm
Cms	107.007 µM/N
R2	32.242 Ohms
BL	21.846 T/m
Xmax	2.6 mm
Re	5.868 Ohms

Notes

3. Thiele - Small Parameters follow a 300 Watt preconditioning period.

Mechanical Data



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