PRECISION DEVICES
MADE IN ENGLAND

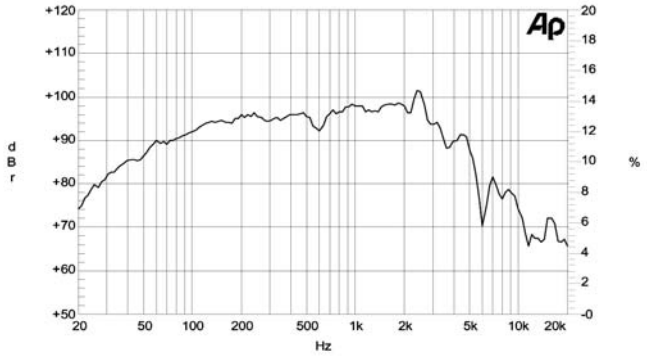
- Heavy duty 12” cast aluminium frame with extra wide flange for increased rigidity
- Bass Mid
- 600WRMS
- 4” copper voice coil assembly
- 125 oz. ceramic magnet
- Low Mms for fast dynamic mid range response

PD.12BM40

Designed for high power bass-mid application and can be considered the ultimate 12” bass/ bass-mid transducer. Extensive use of heat sinks achieves excellent power compression and the low Mms makes for a fast dynamic mid range response.

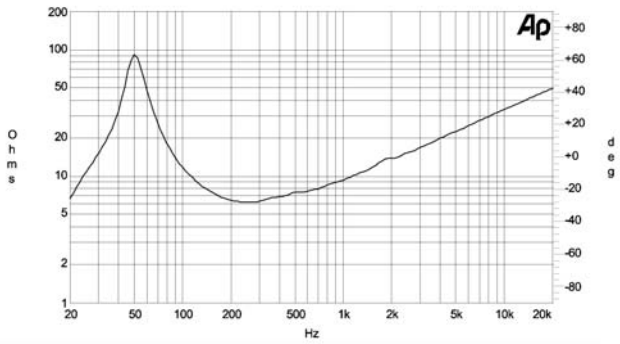
The ultimate 12” bass transducer, perfect as a drop in upgrade and ideal for two way applications where it provides a perfect balance between bass extension and high sensitivity.

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

Website: www.precision-devices.com

Technical Specifications

Nominal diameter	30 cm (12”)
Voice coil diameter	101 mm (4”)
Nominal impedance	8 Ohms
Power rating (AES) [1]	600 Watts
Sensitivity [2] (1W/1M)	96 dB/1W/1m
Frequency range	50-3.0 KHz
Enc Vol recommended	25-100 Litres
Displacement limit (peak-peak)	26 mm
Resonance	50 Hz
Voice coil	copper
Voice coil W/L	19 mm
Magnet gap depth	8.0 mm
Flux Density	1.41 T
Dust dome	Paper
Suspension	Double Fabric
Cone/Surround	Paper/cloth

Notes

1. AES Standard (50 to 500 Hz) Program 1200 Watts
2. AES Recommended Practice.

Thiele - Small Parameters

Fs	52.825 Hz
L1	0.716 mH
L2	1.204 mH
Res	109.726 Ohms
RMSE-load	0.445 Ohms
Qts	0.328
RMSE-free	0.400 Ohms
Qms	7.232
Vas	43.167 Litres
Qes	0.343
Mms	83.256 grams
Sd	530.93 Sq Cm
Cms	109.032 µM/N
R2	2.757 Ohms
BL	20.476 T/m
Xmax	7.4 mm
Re	5.205 Ohms

Notes

3. Thiele - Small Parameters follow a 600 Watt preconditioning period.

Mechanical Data