PRECISION DEVICES
MADE IN ENGLAND

- Heavy duty cast aluminium frame with extra wide flange for increased rigidity
- Sub Bass
- Field replaceable magnet for touring applications
- 400WRMS
- 3” copper voice coil assembly
- 85 oz. ceramic magnet

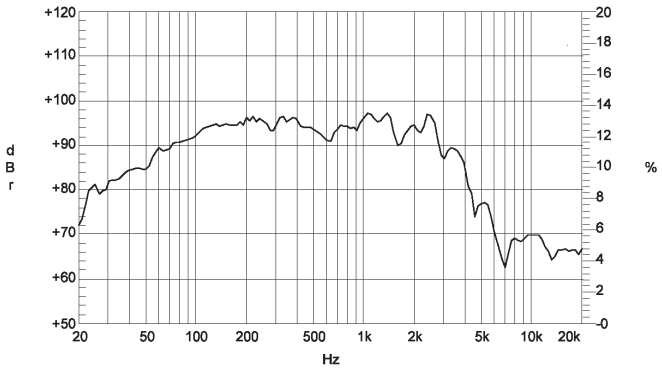
PD.12SB30

The ultimate 12” sub bass transducer.

The PD.12SB30 is the perfect choice for an extended low-frequency response and high SPL applications. Ideal for bandpass applications and extended throw designs.

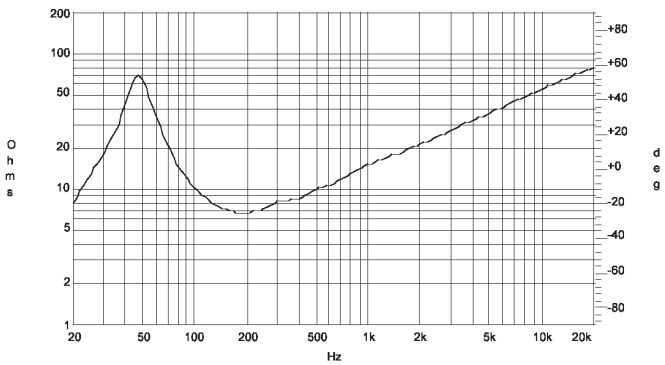
Also excels in compact two-way cabinets giving extended low frequency capability.

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	30cm (12”)
Voice coil diameter	76 mm (3”)
Nominal Impedance	4, 8 or 16 Ohms
Power rating (AES) [1]	400 Watts RMS
Sensitivity [2] (1W/1M)	96 dB/1W/1m
Frequency range	45-3.5 KHz
Enc Vol recommended	25-75 Litres
Displacement limit (peak-peak)	24 mm
Nett weight	7.9 Kg
Resonance	50 Hz
Voice coil	copper
Voice coil winding depth	19 mm
Magnet gap depth	9 mm
Flux Density	1.1 T
Dust dome	Paper
Suspension	Fabric
Cone/Surround	Paper/cloth

Notes

1. AES Standard (50 to 500 Hz) Program 800 Watts
2. AES Recommended Practice.

Thiele - Small Parameters

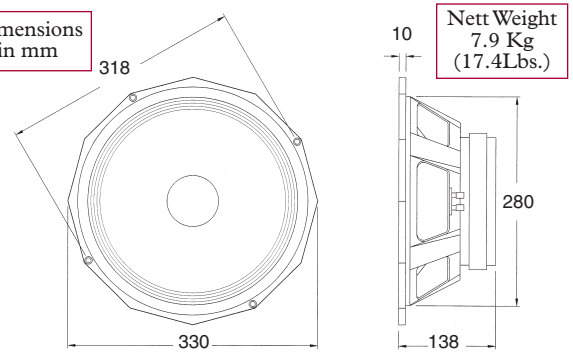
Fs	50.238 Hz
L1	0.999 mH
L2	1.773 mH
Res	87.286 Ohms
RMSE-load	0.905 Ohms
Qts	0.297
RMSE-free	1.718 Ohms
Qms	5.024
Vas	58.945 Litres
Qes	0.316
Mms	67.410 grams
Sd	530.93 sq cm
Cms	148.887 µM/N
R2	8.105 Ohms
BL	19.228 T/m
Xmax	7.00 mm
Re	5.493 Ohms

Notes

3. Thiele - Small Parameters follow a 400 Watt preconditioning period.

Mechanical Data

Dimensions in mm



Nett Weight 7.9 Kg (17.4Lbs.)

4 Fixing holes M6
8 Concealed M6

Shipping weight 8.8 Kg (19.40 Lbs.)

WORLD HEADQUARTERS Precision Devices Grantley Way Wakefield West Yorkshire WF1 4PY England Tel: +44 (0) 1924 332188 Fax: +44 (0) 1924 239988 Email: info@precision-devices.com W: www.precision-devices.com

FACTORY Precision Devices Jenson House Cardrew Industrial Estate Redruth Cornwall TR15 1SS England