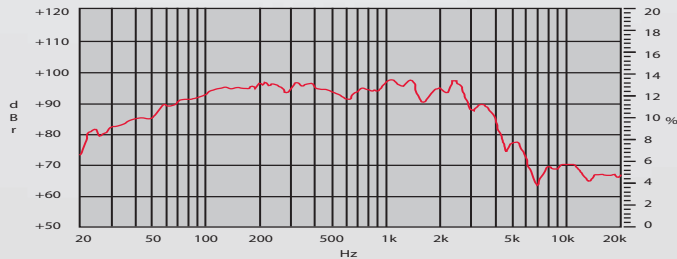


# PD.12SB30

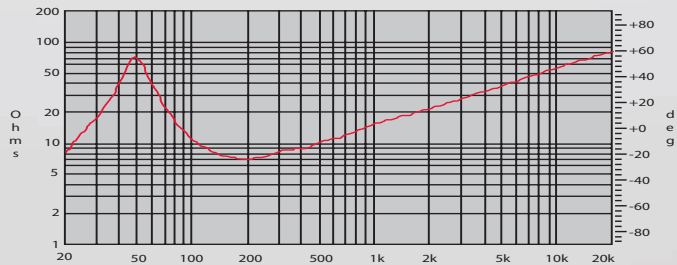


# PD.12SB30

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.

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 reproduction.

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

## SPECIFICATIONS

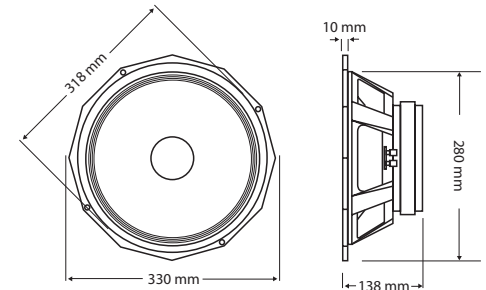
Nominal Diameter	30 cm (12")
Voice Coil Diameter	76 mm (3")
Nominal impedance	4,8 or 16 Ohms
Power Rating	400 Watts (AES)
Sensitivity (1W/1M)	96 dB
Frequency Range	45 Hz -3.5 kHz
Recommended Enclosure Volume	25-75 Litres
Displacement Limit (peak-peak)	24 mm (0.94")
Resonance	50 Hz
Voice Coil	Copper
Voice Coil Winding Depth	19 mm (0.74")
Magnet Gap Depth	9 mm (0.36")
Magnet Material	Ceramic
Magnet Weight	2.4 Kg (85 oz.)
Flux Density	1.1 T
Dust Dome Material	Paper
Suspension Material	Fabric
Cone / Surround Material	Paper/Cloth

## THIELE SMALL PARAMETERS

Fs	50.238 Hz
Re	5.493 Ohms
Qts	0.297
Qms	5.024
Qes	0.316
Vas	58.945 Litres
Mms	67.410 g
Sd	530.93 cm <sup>2</sup>
Cms	148.887 μM/N
BL	19.228 T/m
Xmax	7.00 mm
Vd	0.372 Litres
Reference Efficiency	2.28 %

## MOUNTING AND SHIPPING INFORMATION

Fixing Holes	x 4 Fixing Holes M6 x 8 Concealed M6
Nett Weight	7.9 Kg (17.4 lb.)
Shipping Weight	8.8 Kg (19.40 lb.)



1. AES Standard (50 to 500 Hz) Program 800Watts  
2. AES Recommended Practice.  
3. Thiele - Small Parameters follow a 400Watt preconditioning period.