

SPECIFICATIONS

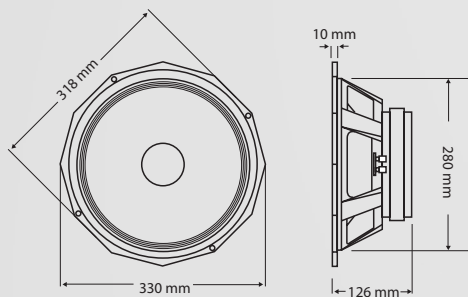
Nominal Diameter	30 cm (12")
Voice Coil Diameter	63 mm (2.52")
Nominal Impedance	4,8 or 16 Ohms
Power Rating	300 Watts (AES)
Sensitivity (1w / 1m)	100 dB
Frequency Range	100 Hz - 6 kHz
Recommended Enclosure Volume	10-60 Litres
Displacement Limit (peak-peak)	20 mm (0.76")
Resonance	60 Hz
Voice Coil	Copper
Voice Coil Winding Depth	12 mm (0.48")
Magnet Gap Depth	9 mm (0.36")
Magnet Material	Ceramic
Magnet Weight	2.5 Kg (90 oz.)
Flux Density	1.5 T
Dust Dome Material	Paper
Suspension Material	Fabric
Cone / Surround Material	Paper/Fabric

THIELE SMALL PARAMETERS

Fs	59 Hz
Re	5.7 Ohms
Qts	0.201
Qms	4.96
Qes	0.209
Vas	54 Litres
Mms	54 g
Sd	530 cm ²
Cms	135 µm/N
BL	23,36 T/m
Xmax	2.7 mm
Vd	0.143 Litres
Reference Efficiency	5.10 %

MOUNTING AND SHIPPING INFORMATION

Fixing Holes	x 4 Fixing Holes M6 x 8 Concealed M6
Nett Weight	9.2 Kg (20.28 lb.)
Shipping Weight	10 Kg (22.05 lb.)



This low mid range transducer excels in a variety of systems being perfectly suited to either direct radiating or horn loaded applications.

The PD.121 covers the critical vocal range in a single unit and is particularly effective at faithfully reproducing the pattern of powerful low end male vocals.

The PD.121 perfectly compliments our 15", 18", 21" and 24" transducers as part of a three-way system.

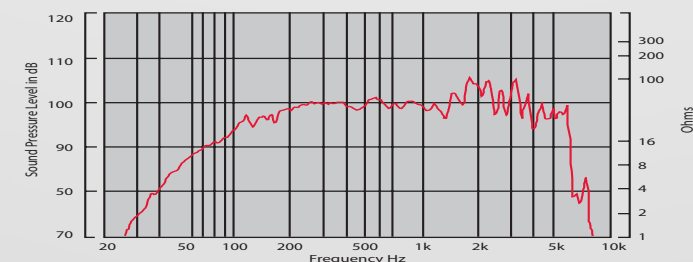
- Heavy duty 12" cast aluminium frame with extra wide flange for increased rigidity
- Mid Range
- Field replaceable magnet for touring applications
- 300 WRMS (AES)
- 2.5" copper voice coil assembly
- 90 oz. ceramic magnet
- A B/L in excess of 23 T/m for dynamic voicing

PD.121

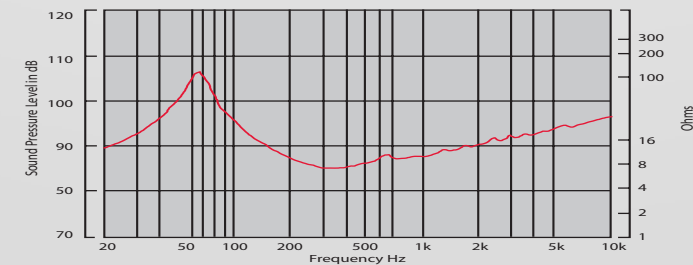


PD.121

FREQUENCY RESPONSE DATA:



IMPEDANCE:



Response measured in a half space environment using a vented enclosure of 35 litres. 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.

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