PD.188

SPECIFICATIONS

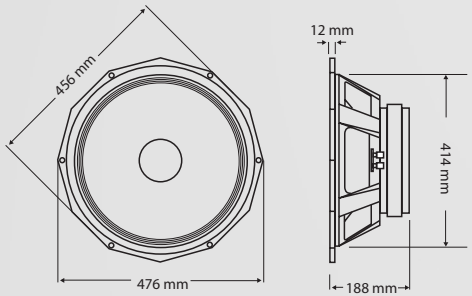
Nominal Diameter	46 cm (18")
Voice Coil Diameter	101 mm (4.0")
Nominal Impedance	4,8 or 16 Ohms
Power Rating	600 Watts (AES)
Sensitivity (1w / 1m)	98.5 dB
Frequency Range	40 Hz- 3.5 kHz
Recommended Enclosure Volume	100-350 Litres
Displacement Limit (peak-peak)	34 mm (1.33")
Resonance	35 Hz
Voice Coil	Copper
Voice Coil Winding Depth	19 mm (0.74")
Magnet Gap Depth	11 mm (0.43")
Magnet Material	Ceramic
Magnet Weight	3.5 Kg (125 oz.)
Flux Density	1.1 T
Dust Dome Material	Paper
Suspension Material	Dual Fabric
Cone / Surround Material	Paper/Fabric

THIELE SMALL PARAMETERS

Fs	37.409 Hz
Re	5.58 Ohms
Qts	0.28
Qms	8.406
Qes	0.289
Vas	224.419 Litres
Mms	146.613 g
Sd	1134.11 cm^2
Cms	124.125 µm/N
BL	26.59 T/m
Xmax	6 mm
Vd	0.68 Litres
Reference Efficiency	3.92 %

MOUNTING AND SHIPPING INFORMATION

Fixing Holes	x 6 Fixing Holes M6
Nett Weight	14.0 Kg (30.94 lb.)
Shipping Weight	15.25 Kg (33.70 lb.)



Designed to provide outstanding performance when used in either a horn-loaded or reflex enclosure where fast accurate lows are demanded.

Delivers faultless low end performance in applications in which others fall by the wayside. Perfectly at home in new or refurbished horn loaded sub bass systems this unit also delivers powerful lows in reflex designs.

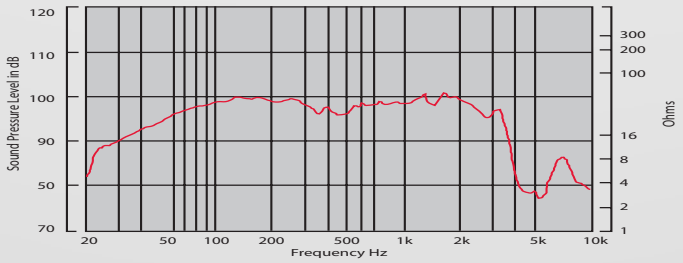
An exemplary choice for upgrade or replacement situations where the capability of the PD.188 to "drop in" and provide outstanding bass response makes this a versatile, popular and highly effective unit.

Well suited for use with PD. 121 and 1" / 2" compression drivers in direct radiating/horn loaded systems where the double suspension system allows it to thrive in the demanding touring sector.

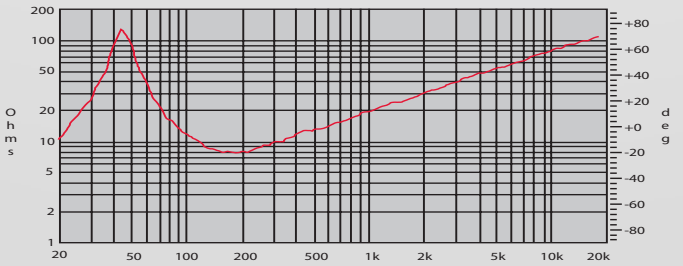
- Heavy duty 18" cast aluminium frame with extra wide flange for increased rigidity
- Sub Woofer
- Field replaceable magnet for touring applications
- 600 WRMS (AES)
- 4" copper voice coil assembly
- 125 oz. ceramic magnet
- A B/L in excess of 26 T/m for fast accurate lows
- Double suspension maintains pure piston action for the moving mass even when driven with the most complex programme input signals and provides additional durability against the rigors of life on the road

PD.188

FREQUENCY RESPONSE DATA:



IMPEDANCE:



Response measured in a half space environment using a vented enclosure of 208 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 (40 to 400 Hz) Program 1200 Watts.
2. AES Recommended Practice.
3. Thiele - Small Parameters follow a 600 Watt preconditioning period.

PRECISION DEVICES
MADE IN ENGLAND