PD.186

SPECIFICATIONS

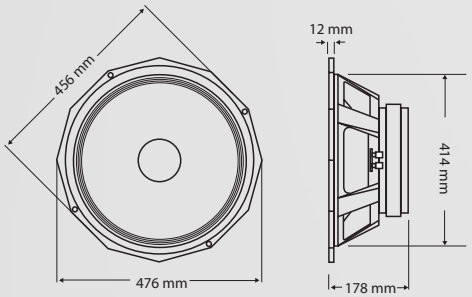
Nominal Diameter	46 cm (18″)
Voice Coil Diameter	127 mm (5.08″)
Nominal Impedance	4,8 or 16 Ohms
Power Rating	700 Watts (AES)
Sensitivity (1w / 1m)	97 dB
Frequency Range	30 Hz - 2 kHz
Recommended Enclosure Volume	100-350 Litres
Displacement Limit (peak-peak)	34 mm (1.33″)
Resonance	25 Hz
Voice Coil	Copper
Voice Coil Winding Depth	25 mm (1.0″)
Magnet Gap Depth	9 mm (0.36″)
Magnet Material	Ceramic
Magnet Weight	3.0 Kg (110 oz.)
Flux Density	0.95 T
Dust Dome Material	Paper
Suspension Material	Dual Fabric
Cone / Surround Material	Paper/Fabric

THIELE SMALL PARAMETERS

Fs	27 Hz
Re	5.5 Ohms
Qts	0.312
Qms	7.75
Qes	0.326
Vas	353 Litres
Mms	184 g
Sd	1150 cm^2
Cms	188 µm/N
BL	22.94 T/m
Xmax	10.5 mm
Vd	1.20 Litres
Reference Efficiency	2.05 %

MOUNTING AND SHIPPING INFORMATION

Fixing Holes	x 6 Fixing Holes M6 x 8 Concealed M6
Nett Weight	15.0 Kg (33.15 lb.)
Shipping Weight	16.25 Kg (35.91 lb.)



Designed to provide outstanding high power bass and sub bass, suitable for all systems demanding the best possible low frequency response.

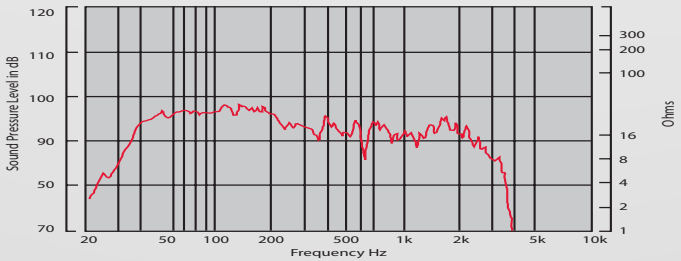
A popular choice for horn loaded applications when the PD.186's full low end can deliver extremely high SPLs. Ideal for three-way direct radiating systems where the powerful bass comes into its own.

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.

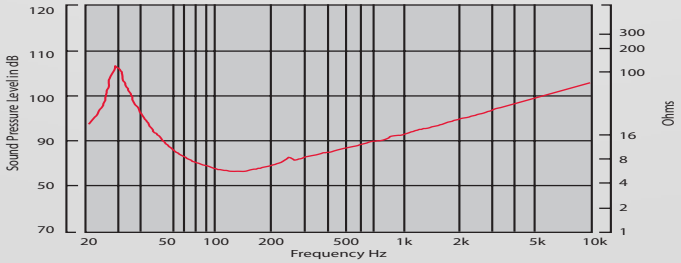
- Heavy duty 18″ cast aluminium frame with extra wide flange for increased rigidity
- Sub Woofer
- 900 WRMS (AES)
- 5″ copper voice coil capable of dissipating tremendous heat build up when driven in concert conditions
- 110 oz. ceramic magnet
- Huge copper area and breathing arrangement of the voice coil ensures superior power compression performance
- 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.186

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.

PRECISION DEVICES
MADE IN ENGLAND

1. AES Standard (35 to 350 Hz) Program 1200 Watts.
2. AES Recommended Practice.
3. Thiele - Small Parameters follow a 600Watt preconditioning period.