



PRECISION DEVICES

MADE IN ENGLAND

PD.156



- Heavy duty 15" cast aluminium frame with extra wide flange for increased rigidity
- 650W_{RMS}
- 4.5" copper coil assembly
- 115 oz. ceramic magnet
- Huge copper area and breathing arrangement of the voice coil ensures superior power compression and effective heat dissipation
- Double suspension system maintaining a pure piston action for the moving mass even when driven with the most complex programme input signals and provides additional durability against the rigours of life on the road

APPLICATION NOTES

Ideal for bass applications, the PD.156 is the ultimate 15" transducer in a pole mounted box. When paired with PD.C14 or PD.C2 compression drivers, its ability to deliver bass is hard to match. Also suitable for keyboard and drum fill applications, the outstanding bass response belies the PD.156's ability to operate effectively in a variety of versatile applications.

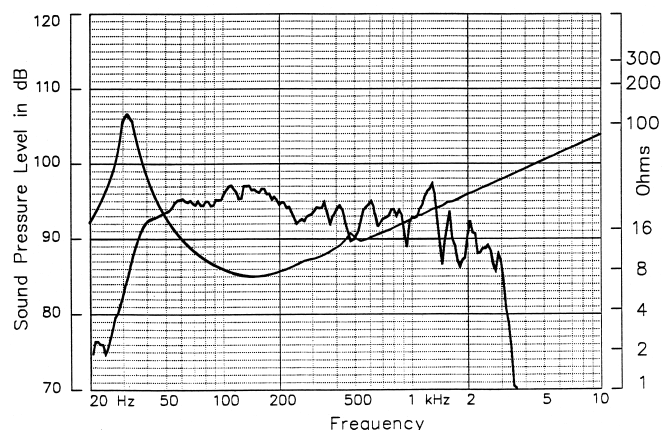
WORLD HEADQUARTERS

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FACTORY

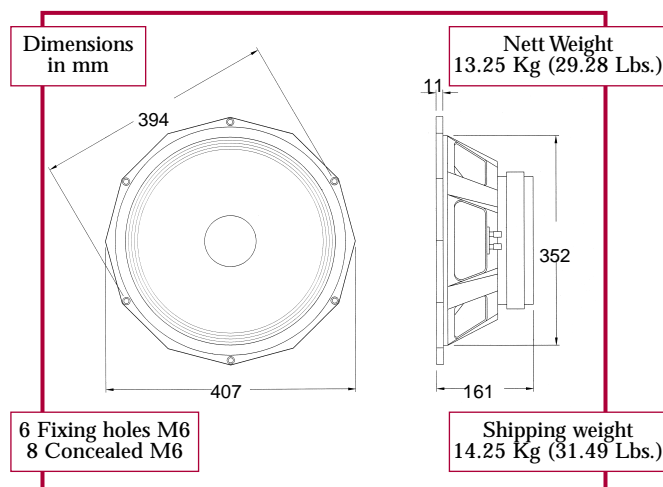
Precision Devices Jenson House Cardrew Industrial Estate Redruth Cornwall TR15 1SS England

RESPONSE & IMPEDANCE DETAIL



Response measured in a half space environment using a vented enclosure of 132 litres.

MECHANICAL DATA



TECHNICAL SPECIFICATION

Nominal Diameter	38cm (15")
Power rating ¹	650 Watts
Frequency range	Up to 1.5 kHz
Nominal Impedance	8 or 16 Ohms
Sensitivity ² (1 W 1 M)	97 dB
Resonance	35 Hz
Enc. Vol. Recommended	90 to 280 Litres
Displacement limit	19 mm (0.76")
Voice coil diameter	115 mm (4.6")
Voice coil	Copper
Voice coil winding depth	21 mm (0.84")
Suspension (Spider)	Dual Fabric
Magnet gap depth	9 mm (0.36")
Magnet material/mass	Ceramic/3.25 Kg (115 oz.)
Magnetic assembly total mass	11.00 Kg (24.31 Lbs.)
Flux Density	10,500 Gauss
Cone type/material	Curvilinear Smooth Paper
Surround	Fabric
Dust dome	Paper
Connectors	Spring loaded push button metal bodied
Polarity	Positive Voltage on Red Terminal gives forward cone motion

Notes

1. AES Standard (45 to 450 Hz) Program 1300 Watts
2. AES Recommended Practice.

THIELE - SMALL PARAMETERS

Fs	50.15 Hz	Vas	120.17 Litres
L1	1.38 mH	Qes	0.40
Revc	5.74 Ohms	Mms	92.22 grams
L2	2.55 mH	Sd	800 sq cm
Res	98.97 Ohms	Cms	110 µM/Newton
RMSE-load	4.45	R2	10.89 Ohms
Qts	0.38	BL	20.32 Tesla-M
RMSE -free	0.95 Ohms	SPLref	97.55 dB
Qms	6.94	Rub-index	0.03

Notes

3. Thiele - Small Parameters follow a 650 Watt preconditioning period.

Precision Devices operate a policy of continuous research and development. The implementation of new materials or production methods will always equal or exceed the published specifications, which may change without notice. Details shown on this sheet are correct at time of printing. March 2004