



ELECTRO ACOUSTIC SPECIFICATIONS

Nominal Chassis Diameter	5"
Impedance	8, 16 Ω
Power Handling	50 (A.E.S.)
Usable Frequency Range -6dB	900 Hz - 8 kHz
Sensitivity 1 w - 1 m	100 dB
Moving Mass inc. Air Load	4.8 grams
Minimum Impedance Zmin	8.2 Ω
Effective Piston Diameter	4.2" / 106 mm
Peak Displacement Volume of Cone Vd	0.05 litres
Magnetic Gap Depth	0.250" / 6.35 mm
Flux Density	1.45 Tesla
Coil Winding Height	0.315" / 8 mm
Voice Coil Diameter	1.0" / 25 mm

THIELE SMALL PARAMETERS

FS Hz	102 Hz
RE Ohms	5.7 Ω
Qms	9.58
Qes	0.34
Qts	0.33
Vas Ltr	5.4
Vd Litres	0.05
CMS (mm/N)	0.513
BL T/m	8.12
Mms (grms)	4.66
Efficiency %	1.7

MOUNTING / SHIPPING INFORMATION

Overall Diameter	6" / 152.4 mm
Width Across Flats	5.25" / 133.35 mm
Flange Height	0.27" / 6.9 mm
Baffle Hole Diameter F/M	4.63" / 117.5 mm
Baffle Hole Diameter R/M	4.50" / 114.3 mm
Gasket Supplied	Front & Rear
Fixing Holes	4 x 0.218" / 5.5 dia
Depth	5.468 / 138.8 PCD
Weight	2.4 lb / 1.05 kg
Recommended Enclosure	0.7 - 1.5 cu ft / 2 - 4 litres
Volume	
Shipping Weight	2.8 lb / 1.1 kg
Packing Carton Dimensions	156 x 102 x 143 mm

MATERIALS OF CONSTRUCTION

Former Material	Resin Bonded Glass Fibre
Voice Coil	Polyamid-Imide Coated
Magnet Material	Neodymium
Chassis	Die-cast Aluminium
Cone	Paper
Surround / Edge Termination	Foam Plastic
Dust Dome	Linen
Connectors	0.125" Tab / Solder
Polarity	Positive Voltage at Red Terminal Causes Forward Motion of Cone

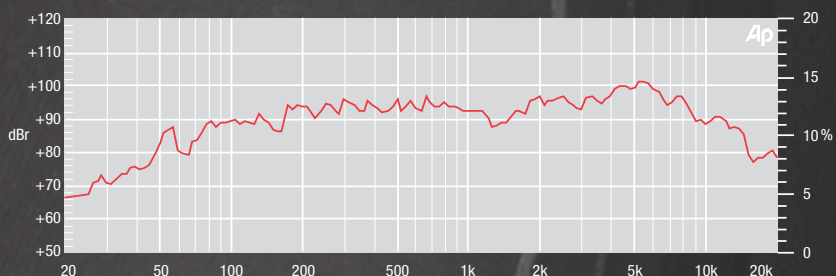
APPLICATION NOTES:

Exceptional efficiency, power handling and frequency coverage from compact dimensions.

Primarily for mid-range in compact vocal and studio systems. Extended usable frequency response makes it also suitable for multi-unit PA systems.

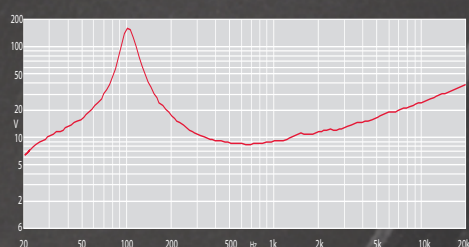
Performance is optimised for high quality, mid-range usage over a bandwidth of 900Hz - 8kHz in multiway systems.

FREQUENCY RESPONSE DATA: ¹



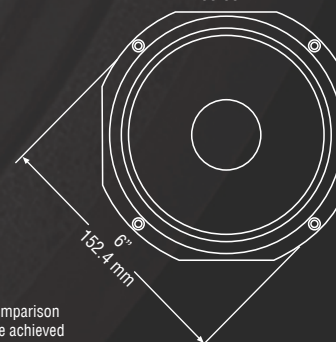
¹ Half space response measured in a 975 litre sealed box. Hz

IMPEDANCE:



2.4"
61.5 mm

5.25"
133.35 mm



6"
152.4 mm

• Please note that the frequency response measurements are supplied for comparison only and are not a measure of the low frequency performance which may be achieved in a fully optimised system.