

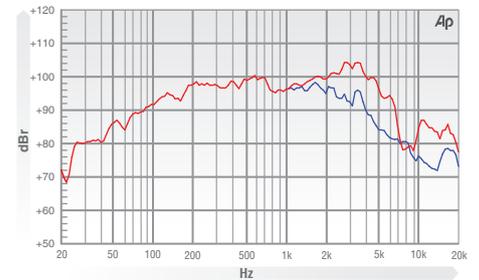


CRESCENDO 8MN

Exceptional efficiency, power handling and frequency coverage from compact dimensions. Providing high output and low distortion from 90Hz to 6kHz.

Built around a ridged die cast chassis the driver features a 2" voice coil driven by a compact neo motor system. Extended usable frequency response makes it also suitable for multi-unit PA systems and line array.

FREQUENCY RESPONSE DATA*



* Half space response measured in a 975 litre sealed box

ELECTRO ACOUSTIC SPECIFICATIONS

Nominal Chassis Diameter	8"
Impedance	8 Ω
Power Handling	250 w (A.E.S.)
Peak Power (6dB Crest Factor)	1000 w (A.E.S.)
Usable Frequency Range -6dB	90 Hz - 4.5 kHz
Sensitivity (1 w - 1 m)	99 dB
Moving Mass inc. Air Load	21.54 grams
Minimum Impedance Zmin	7 Ω
Effective Piston Diameter	6.46" / 164 mm
Peak Displacement Volume of Cone Vd	0.06 litres
Magnetic Gap Depth	0.035" / 9 mm
Flux Density	1.1 Tesla
Coil Winding Height	0.47" / 12 mm
Voice Coil Diameter	2.0" / 50.8 mm

THIELE SMALL PARAMETERS

FS Hz	80 Hz
RE Ohms	5.5 Ω
Qms	8.86
Qes	0.41
Qts	0.4
Vas Ltr	13.62
Vd litres	0.06
CMS (mm/N)	0.188
BL T/m	12.5
Mms (grms)	21.54
Xmax (mm)	1.5
Sd (cm ²)	225.9
Efficiency %	1.75
Le (1k Hz)	1.13 mH

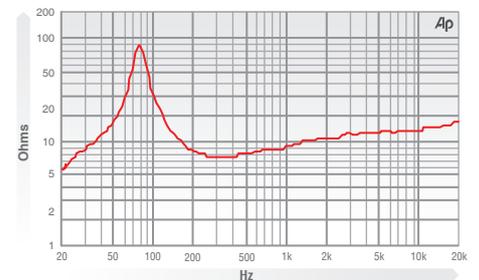
MATERIALS OF CONSTRUCTION

Former Material	Glass Fibre
Voice Coil	Aluminium
Magnet Material	Neodymium
Chassis	Die-cast Aluminium
Cone	Curvilinear Paper
Surround / Edge Termination	Polyvinyl Damped Dbl Half Roll Linen
Dust Dome	Solid Paper
Connectors	4.8 x 0.5 mm tag / soldier pad
Polarity	Positive Voltage at Red Terminal Causes Forward Motion of Cone

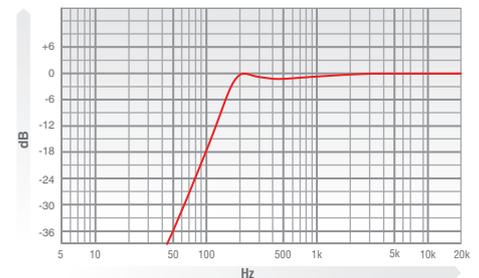
MOUNTING / SHIPPING INFORMATION

Overall Diameter	8.9" / 226 mm
Width Across Flats	8.25" / 209.5 mm
Flange Height	0.28" / 7 mm
Baffle Hole Diameter F/M	7.33" / 186 mm
Baffle Hole Diameter R/M	N/A
Gasket Supplied	Rear
Fixing Holes	4x 0.218" / 5.5 dia 213.5 / 8.41 PCD
Depth	3.51" / 89.5 mm
Weight	4.6 lb / 1.9 kg
Recommended Enclosure Volume	0.05 - 0.018 cu ft / 1.5 - 5 litres
Shipping Weight	5.2 lb / 2.3 kg
Packing Carton Dimensions	235 x 235 x 165 mm

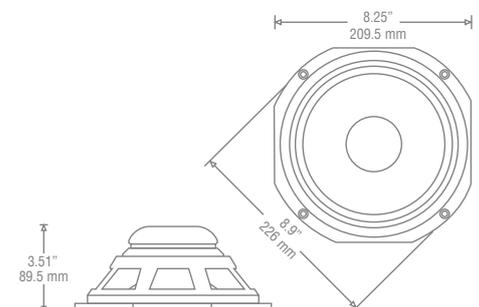
IMPEDANCE



PREDICTED BASS RESPONSE



** Normalized bass response in 20 litre tuned to 70Hz



- Please enquire about alternative impedances.
- A.E.S. power handling test. Pink noise bandpass filtered at 12 dB per octave with cutoff frequencies of 100 Hz and 1.0 kHz. Driver mounted in free air, test signal applied at rated power for two hours.
- 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.