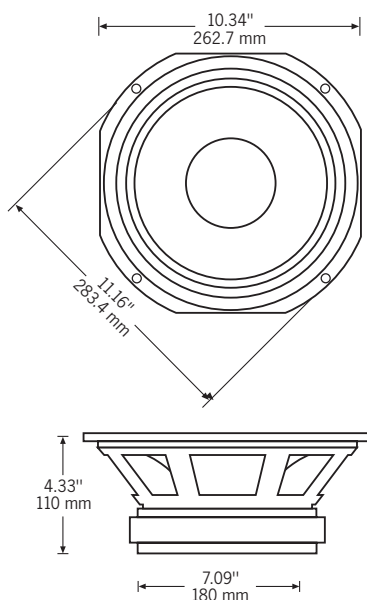
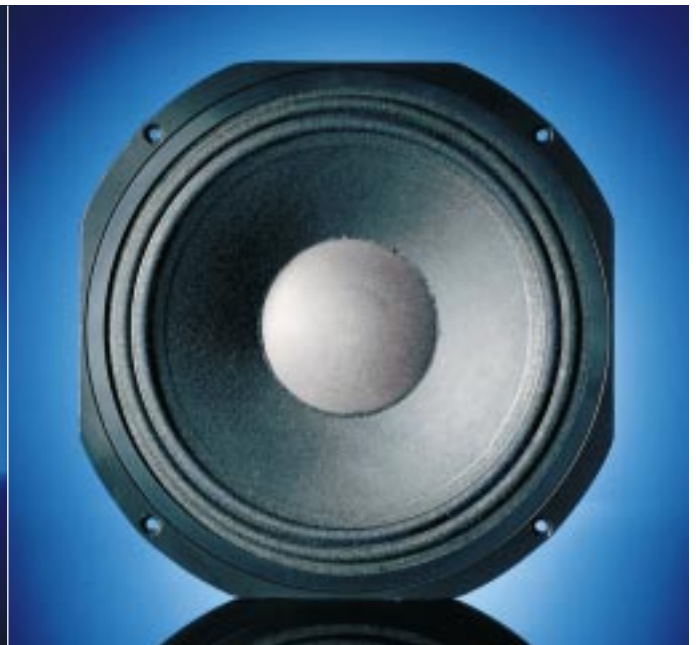


The Crescendo 10M is designed as a dedicated mid driver, providing high output, low distortion midrange from 250 Hz to 3.5 kHz. Built around a die cast chassis, the driver features a 2.5 inch voice coil driven by a 6.1 kg motor system. This yields an average sensitivity of 98.5 dB over the unit's operating range, combined with an A.E.S.

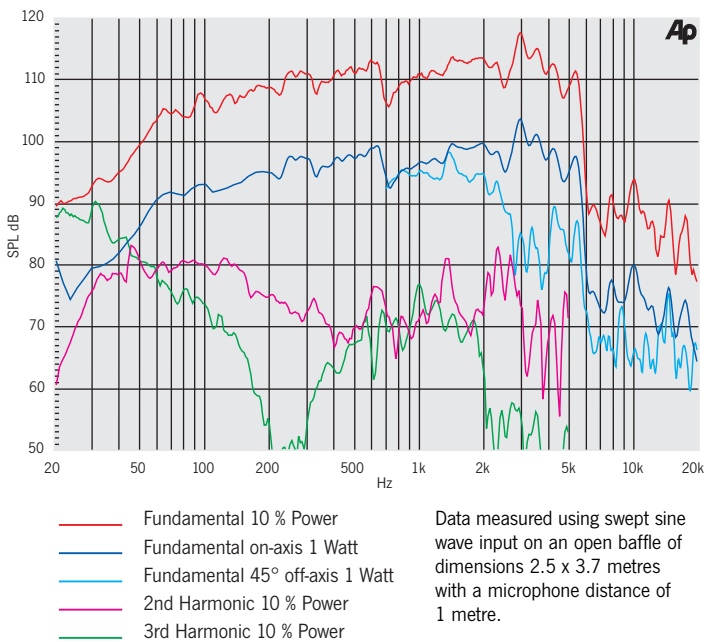
power handling of 250 Watts. The heatsinking effect of the large magnet structure and die cast chassis yields low power compression, producing maximum output levels of up to 124 dB. The Crescendo 10M is best mounted in sealed enclosures of 5 to 10 litres.



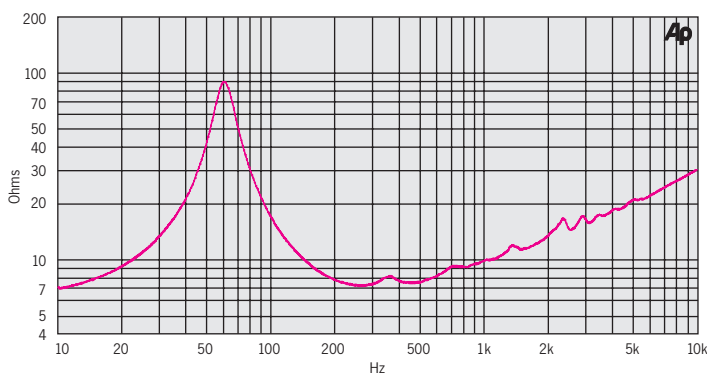
### Mounting information

Overall Diameter	11.16 inch/283.4 mm
Width Across Flats	10.34 inch/262.7 mm
Flange Thickness	0.305 inch/7.8 mm
Baffle Hole Diameter, Front Mount	8.97 inch/228 mm
Gasket Supplied	Rear
Fixing Holes	4 x 0.218 inch diam on 10.625 PCD 4 x 5.5 mm diam on 270 PCD
Depth	4.33 inch/110 mm
Weight	14.1 lb/6.4 kg
Recommended Enclosure Volume	0.18-0.71 cu ft/5-20 litres
Volume Displaced by Driver	0.067 cu ft/1.9 litres
Shipping Weight	15.7 lb/7.1 kg
Packing Carton Dimensions	288 x 288 x 195 mm

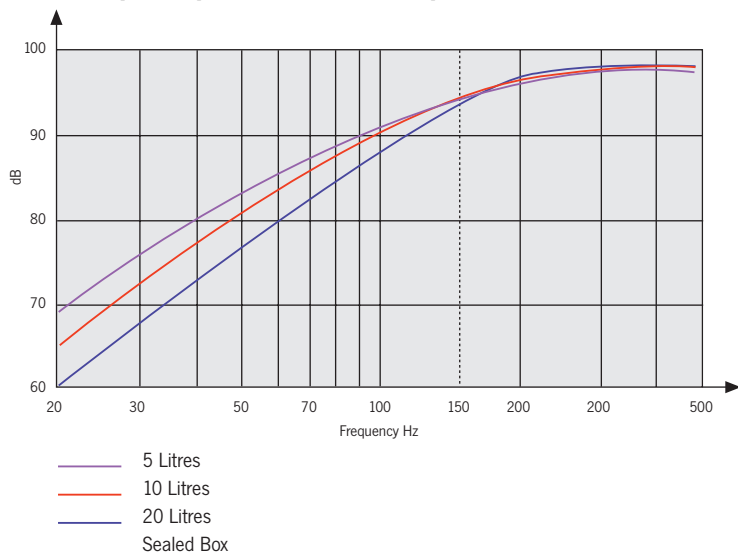
### Frequency response data



### Impedance



### Computer predicted bass response



### Electro mechanical specifications

Nominal Chassis Diameter	10 inch/250 mm
Impedance	8 Ω
Power Handling	250 (A.E.S.) <sup>1</sup>
Maximum Output Continuous/Peak	117.5/123.5 dB
Power Compression at Rated Power	5 dB
Usable Frequency Range (-6 dB)	150 Hz-5 kHz
Average Sensitivity (in above range) 1W/1m	98.5 dB
Recommended Frequency Range filtered at 12 dB/octave	230 Hz-3.5 kHz
Resonance	61 Hz
Moving Mass inc. Air Load	34 grams
BL Product (Newtons/amp)	15.1
Minimum Impedance (Zmin)	7.4 Ω
Effective Piston Diameter	8.19 inch/208 mm
Flux Density	1.28 Tesla
Magnetic Gap Depth	0.31 inch/8 mm
Coil Winding Height	0.43 inch/11 mm
Voice Coil Length	44.3 feet/13.5 m
Magnet Weight	78 oz/2.2 kg
Maximum Cone Displacement	0.39 inch/10 mm
Peak Displacement Volume of Cone, Vd	0.100 litres
Voice Coil Diameter	2.5 inch/63.7 mm

### Construction materials

Coil Former	Fibreglass
Voice Coil Material	Aluminium
Magnet	Ferrite
Chassis	Die Cast Aluminium
Cone	Curvilinear Paper
Surround/Edge Termination	Polyvinyl Damped Double Half Roll Linen
Dust Dome	Solid Paper
Connectors	Push Button Spring Terminals
Polarity	Positive voltage at red terminal causes forward motion of cone

### Thiele-Small parameters

Resonant Frequency fs	61 Hz
D.C Resistance Re	5.6 Ω
Qts	0.301
Qes	0.32
Qms	4.99
Mms (grams)	34
Cms (microns per Newton)	200
BL Product	15.1 Tesla metres
Vas	34.3 litres
Reference Efficiency ηo	2.21 %
Piston Area Sd	0.034 m <sup>2</sup>
Xmax	1.5 mm

<sup>1</sup> A.E.S. power handling test. Pink noise bandpass filtered at 12 dB per octave with cutoff frequencies of 30 Hz and 300 Hz. Driver mounted in free air, test signal applied at rated power for two hours.