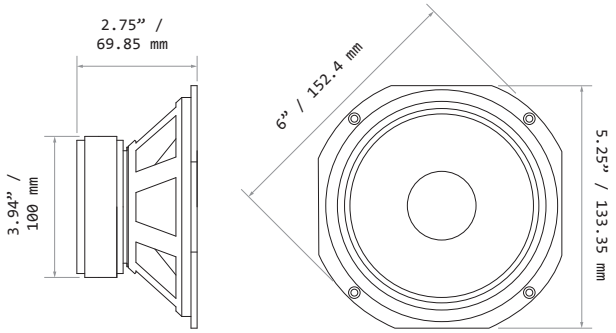
STUDIO 5HPM

FULL RANGE DRIVER

5" / 127 mm CHASSIS DIAMETER	**200 W** PROGRAM POWER	**90 Hz - 7 kHz** FREQUENCY RESPONSE
1.5" / 38.1 mm VOICE COIL	**92.5 dB** SENSITIVITY (1W/ 1m)	**4.5 mm Xmax** MAX. LINEAR EXCURSION

- Offers exceptional power handling and frequency coverage from compact dimensions.
- Smooth midband response with extended high frequency range.
- Ideal for full-range reinforcement in compact two-way and multi-way systems.
- Suitable for line array and studio monitor enclosure designs.
- 1.5-Inch Polyamid-imide coated copper voice coil.



GENERAL SPECIFICATIONS

Nominal Chassis Diameter	5" / 127 mm
Nominal Impedance (1)	8 Ohm
Minimum Impedance Zmin	7.7 Ω
AES Power Handling (2)	100 W (A.E.S.)
Program Power	200 W
Peak Power (6dB Crest Factor)	**400 W**
Frequency Range (-6dB)	90 Hz - 7 kHz
Sensitivity (1W/ 1m)	**92.5 dB**
Magnet Material	**Ferrite**
Magnet Weight	26 oz
Magnetic Gap Depth	0.23" / 6 mm
Flux Density	1.42 Tesla
Former Material	Resin Bonded Glass Fibre
Voice Coil Material	Polyamid-imide Coated Copper
Coil Winding Height	0.51" / 13 mm
Voice Coil Diameter	**1.5" / 38.1 mm**
Cone/ Dust Dome Material	Paper / Paper
Surround / Edge Termination	Polyvinyl Damped Multi Roll Linen

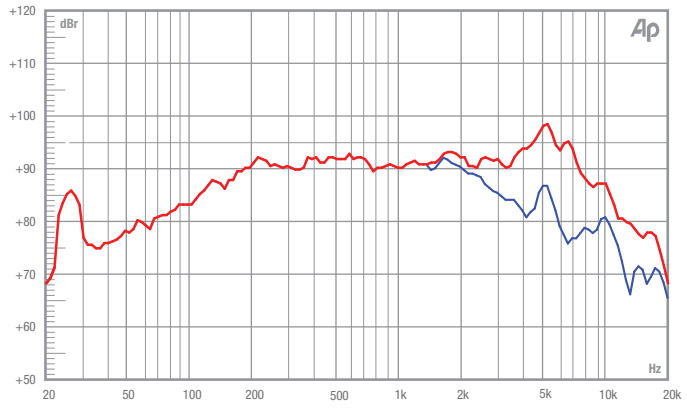
TECHNICAL & THIELE SMALL PARAMETERS

Fs	164 Hz
Re	6.6 Ω
Qms	2.3
Qes	0.715
Qts	0.54
Vas	1.63 Litres
Vd	0.045 Litres
Cms	0.148 mm/N
Bl	7.92 T/m
Mms	6.5 g
Xmax	4.5 mm
Sd	88 cm^2
Efficiency	1.03 %
Le (1k Hz)	1.19 mH
EBP	229.37 Hz
Effective Piston Diameter	4.2" / 106.68 mm
Rec. Enclosure Volume	0.07 - 0.35 ft3 / 2 - 10 Litres

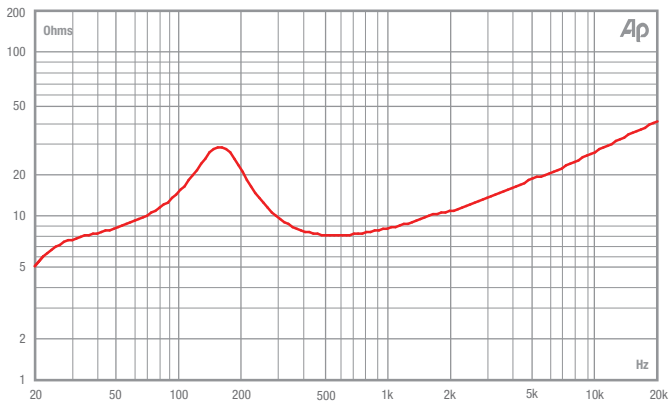
MOUNTING / SHIPPING INFORMATION

Overall Diameter	6" / 152.4 mm
Width Across Flats	5.25" / 133.35 mm
Depth	2.75" / 69.85 mm
Flange Height	0.27" / 6.9 mm
Baffle Hole Diameter F/M	4.63" / 117.60 mm
Baffle Hole Diameter R/M	4.50" / 114.3 mm
Chassis Material	**Die-cast Aluminium**
Gasket Supplied	Front & Rear
Outer Fixing Holes	4x ø 0.218" on 5.468" PCD / 4x ø 5.5 mm on 138.8 mm PCD
Inner Fixing Holes	N/A
Connectors (4)	0.125" Tab / Solder
Weight	**3.15 lb / 1.43 Kg**
Shipping Weight	3.65 lb / 1.66 Kg
Packing Carton Dimensions (mm)	(W) 160 (D) 160 (H) 110

FREQUENCY RESPONSE DATA (3)



IMPEDANCE



(1) *Please enquire about alternative impedances.*

(2) *A.E.S. power handling test. Pink noise bandpass filtered at 12 dB per octave with cutoff frequencies of 50 Hz and 500 Hz. Driver mounted in free air, test signal applied at rated power for two hours.*

(3) *Half space response measured in a 975 Litre sealed box. Blue line = fundamental 45° off-axis. 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.*

(4) *Positive voltage at red terminal causes forward motion of cone.*