HFD160-1

PRELIMINARY SPECIFICATIONS

COMPRESSION DRIVER

1" / 25.4 mm
SOUND CHANNEL / THROAT SIZE

60 W (A.E.S.)
POWER HANDLING

1 kHz - 18 kHz
FREQUENCY RESPONSE

1.75" / 44 mm
VOICE COIL DIAMETER

107 dB
SENSITIVITY (1W/ 1m)

- 1" Exit ferrite magnet compression driver.
- 1.75" / 44mm CCAR voice coil.
- 60 Wrms (AES standard).
- 120 W continuous program power capacity.
- 1 kHz - 18 kHz frequency response.
- PEEK Diaphragm material.
- Self aligning diaphragm for easy field replacement.

ELECTRO ACOUSTIC SPECIFICATIONS

Sound Channel / Throat Size	1" / 25.4 mm
Impedance	8 Ohm
Power Handling	60 W (A.E.S.)
Sensitivity (1 W - 1 m)	107 dB
Usable Frequency Range	1 kHz - 18 kHz
Rec. X-over Frequency Filtered at 18dB/ Octave	1.6 kHz
Effective Diaphragm Diameter	1.75" / 44 mm
Voice Coil Diameter	1.75" / 44 mm
Voice Coil DC Resistance	6.1 Ω
Max Diaphragm Displacement	0.00157" / 0.04 mm
Flux Density	1.75 Tesla

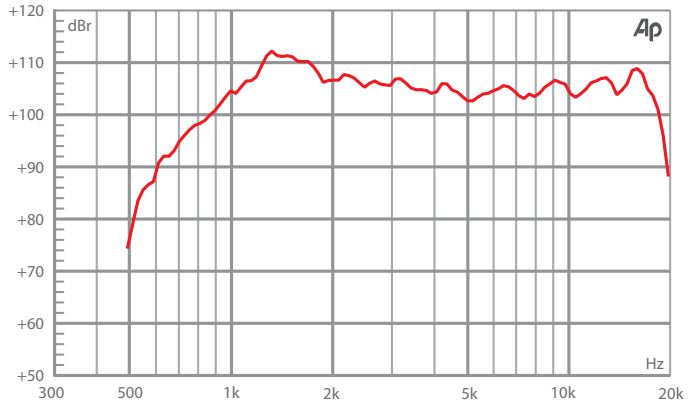
MATERIALS OF CONSTRUCTION

Former Material	Polyamide
Voice Coil Material	Aluminium
Diaphragm Material	PEEK
Surround / Edge Termination	Flat
Magnet Material	Ferrite
Connectors	Push Button Spring Terminals
Polarity	Positive voltage at red/ positive terminal causes positive pressure at throat exit

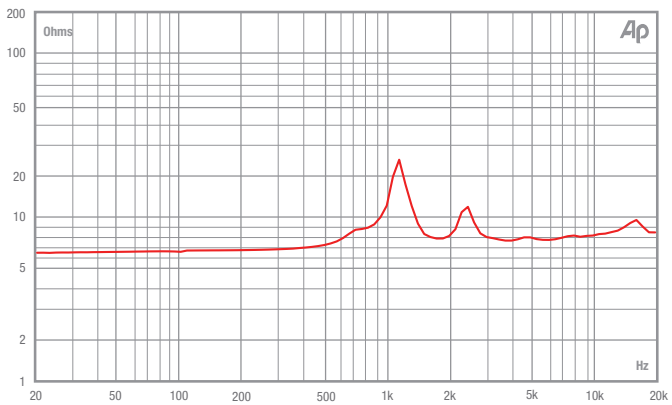
MOUNTING / SHIPPING INFO

Overall Diameter	4.70" / 120 mm
Depth	2.45" / 63 mm
Weight	4.73 lb / 2.15 kg
Shipping Weight	TBC
Packing Carton Dimensions	(W) 129X (H)72 (D) 129
Bolt Fixing Hole Dimensions and Qty.	3x M6 on 57.15 mm PCD / 2x M6 on 76.2 mm PCD

FREQUENCY RESPONSE DATA (3)



IMPEDANCE



(1) Please enquire about alternative impedances.

(2) Frequency response measurement taken on axis with 1w signal at distance of 1m using custom horn with 80° x 60° coverage.

(3) Sensitivity measured 1W / 1m.

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