PROFESSIONAL LOUDSPEAKERS

HF1440

1.4" - 120 W - 109 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	35.8 mm (1.4 in)
Overall Diameter	124 mm (4.9 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	75 mm (3 in)
Net Weight	**2.1 kg (4.5 lb)**
Shipping Box (Single carton box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	2.4 kg (5.3 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00864312
Recone Kit - 8 Ohm Version	R0864312

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	8.3 Ohm
AES Power Handling **(1)**	120 W
Maximum Power Handling (2)	**240 W**
Minimum Crossover Frequency **(3)**	0.7 kHz
Sensitivity (1W/1m) (4)	**109 dB**
Frequency Range	0.5÷20 kHz
Voice Coil Diameter	**86 mm (3.4 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Annular
Winding Depth	3.6 mm (0.14 in)
Magnetic Gap Depth	4 mm (0.16 in)
Flux Density	2.2 T
Magnet	Neodymium Ring
Re	6.8 Ohm
Phase Plug Design	Radial
Exit Angle **(5)**	Combined Exit
NET Air Volume filled by HF Driver	0.55 dm^3 (0.019 ft^3)

NOTES:

Driver mounted on **FaitalPRO LTH142 Horn**

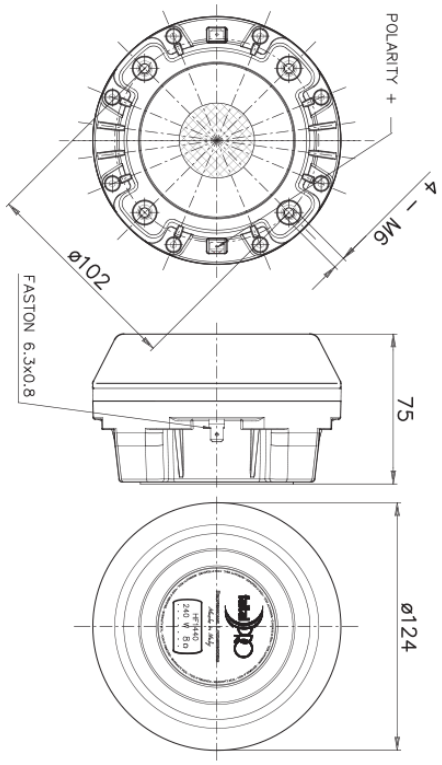
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

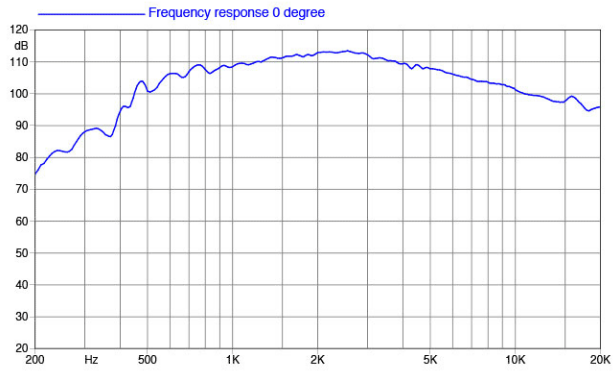
(2) Maximum power is defined as 3dB greater than nominal power.

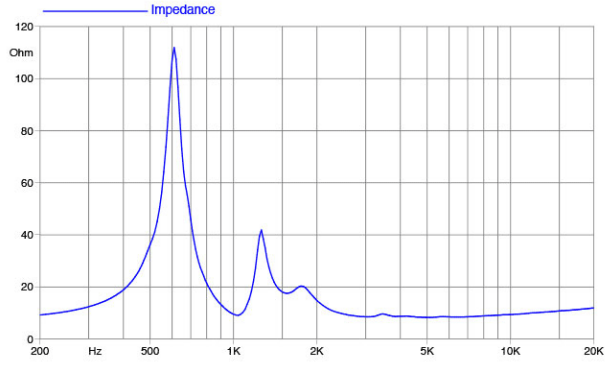
(3) 12 dB/oct or higher slope high-pass filter

(4) Averaged within the frequency range

(5) The driver's exit coincides with the end of the phase plug, there is no adaptation throat.







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