faital PRO PROFESSIONAL LOUDSPEAKERS

HF108R

1" - 60W - 109 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	87 mm (3.43 in)
180° Mounting Holes Diameter (2xM5)	76 mm (2.99 in)
Depth	41 mm (1.61 in)
Net Weight	**800 g (1.8 lb)**
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.2 kg (2.6 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00444206
Recone Kit - 8 Ohm Version	R0444206

NOTES:

Driver mounted on a **1" 50° x 40° Horn**

Perforated suspension for acoustic tuning and tighter clamping

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

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

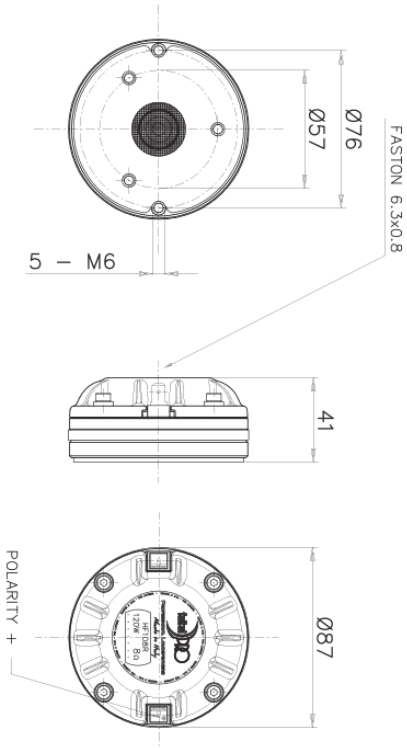
(3) 12 dB/oct or higher slope high-pass filter

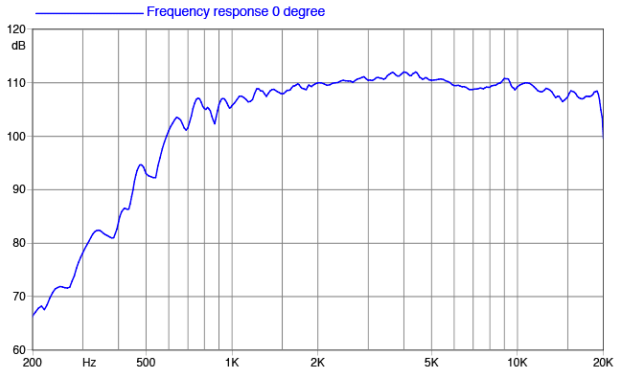
(4) Averaged within the frequency range

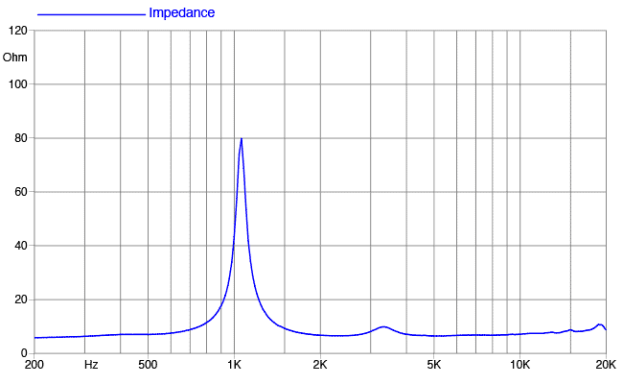
(5) The phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling **(1)**	60 W
Maximum Power Handling (2)	**120 W**
Minimum Crossover Frequency **(3)**	1.3 kHz
Sensitivity (1W/1m) (4)	**109 dB**
Frequency Range	1÷20 kHz
Voice Coil Diameter	**44 mm (1.73 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Dome
Winding Depth	2.3 mm (0.09 in)
Magnetic Gap Depth	2.85 mm (0.11 in)
Flux Density	2.1 T
Magnet	Neodymium Ring
Re	5.8 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	31° Conical
NET Air Volume filled by HF Driver	0.195 dm^3 (0.007 ft^3)







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