faital PRO PROFESSIONAL LOUDSPEAKERS

HF109

1" - 60 W - 108 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25,4 mm (1 in)
Overall Diameter	121 mm (4.76 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	55 mm (2.17 in)
Net Weight	**2.2 kg (4.9 lb)**
Shipping Box (Single carton box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	2.5 kg (5.5 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00444175
Recone Kit - 8 Ohm Version	R0444175

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling **(1)**	60 W
Maximum Power Handling (2)	**120 W**
Minimum Crossover Frequency **(3)**	1.3 kHz
Sensitivity (1W/1m) (4)	**108 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	1.8 T
Magnet	Ferrite Ring
Re	5.8 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	13° Conical
NET Air Volume filled by HF Driver	0.43 dm^3 (0.015 ft^3)

NOTES:

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

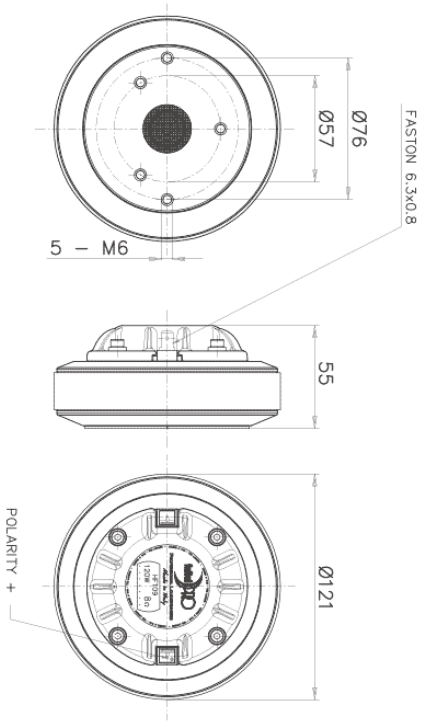
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

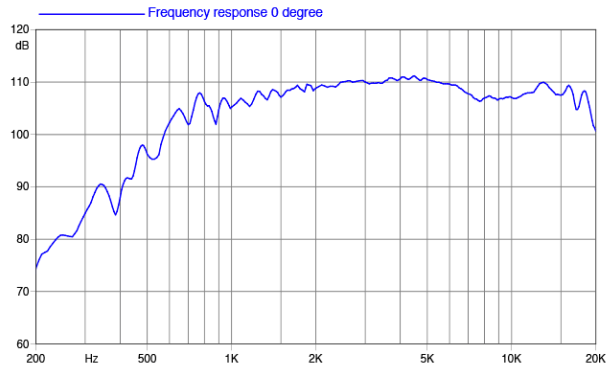
(2) Maximum power is defined as 3dB greater than nominal power.

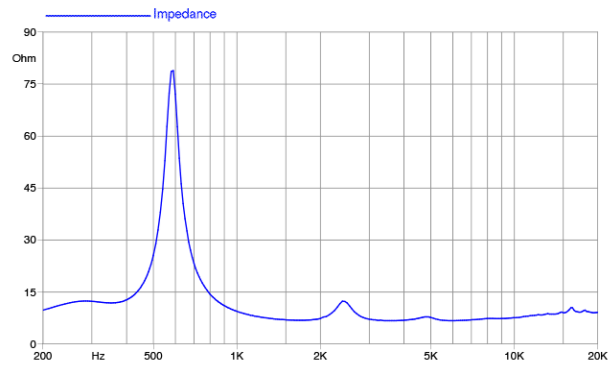
(3) 12 dB/oct or higher slope high-pass filter

(4) Averaged within the frequency range

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







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