faital PRO PROFESSIONAL LOUDSPEAKERS

HF107

1" - 70 W - 109 dB - 16 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	75.4 mm (2.97 in)
Net Weight	**2.5 kg (5.5 lb)**
Shipping Box (Single carton box)	185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in)
Shipping Weight	2.7 kg (5.8 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	00444154
Recone Kit - 16 Ohm Version	R0444154

TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.6 Ohm
AES Power Handling **(1)**	70 W
Maximum Power Handling (2)	**140 W**
Minimum Crossover Frequency **(3)**	1.3 kHz
Sensitivity (1W/1m) (4)	**109 dB**
Frequency Range	1.3÷20 kHz
Voice Coil Diameter	**44 mm (1.73 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Annular
Winding Depth	2.9 mm (0.11 in)
Magnetic Gap Depth	2.6 mm (0.10 in)
Flux Density	1.9 T
Magnet	Ferrite Ring
Re	10.3 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	Combined Exit
NET Air Volume filled by HF Driver	0.5 dm^3 (0.018 ft^3)

NOTES:

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

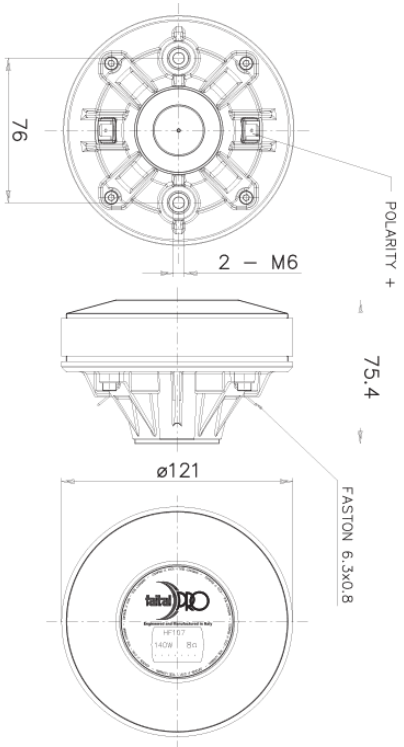
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

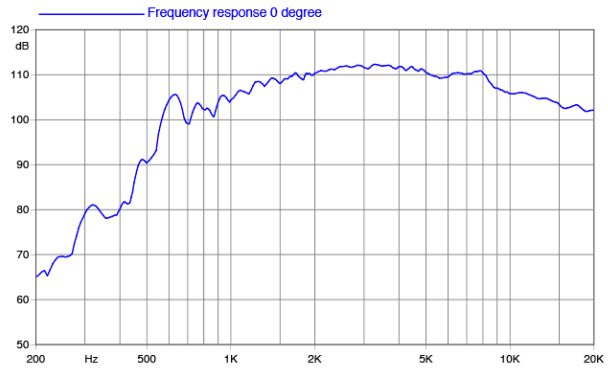
(2) Maximum power is defined as 3dB greater than nominal power.

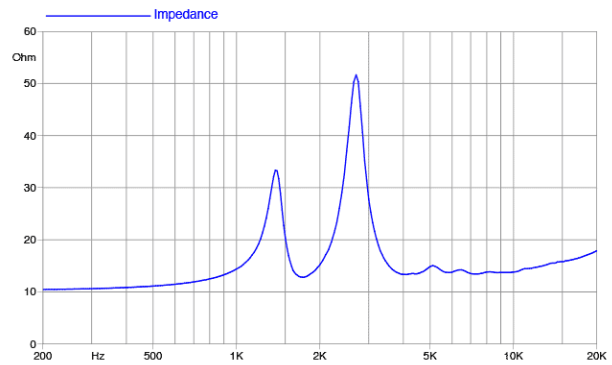
(3) 12 dB/oct or higher slope high-pass filter

(4) Averaged within the frequency range

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







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