faital PRO PROFESSIONAL LOUDSPEAKERS

HF111

1" - 40 W - 107 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	90 mm (3.54 in)
180° Mounting Holes Diameter (2xM5)	76 mm (2.99 in)
Depth	47 mm (1.85 in)
Net Weight	**1.3 kg (2.9 lb)**
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.3 kg (2.9 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00374274
Recone Kit - 8 Ohm Version	R0374274

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling **(1)**	40 W
Maximum Power Handling (2)	**80 W**
Minimum Crossover Frequency **(3)**	2 kHz
Sensitivity (1W/1m) (4)	**107 dB**
Frequency Range	2÷20 kHz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Dome
Winding Depth	2.2 mm (0.09 in)
Magnetic Gap Depth	2.4 mm (0.09 in)
Flux Density	1.6 T
Magnet	Ferrite Ring
Re	5.5 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	18° Conical
NET Air Volume filled by HF Driver	0.225 dm^3 (0.008 ft^3)

NOTES:

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

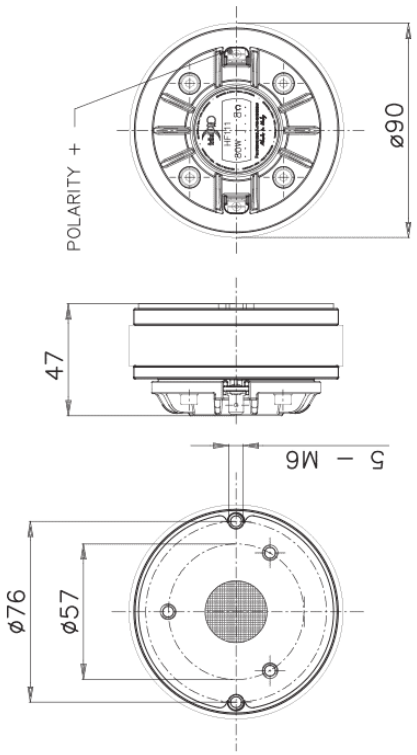
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

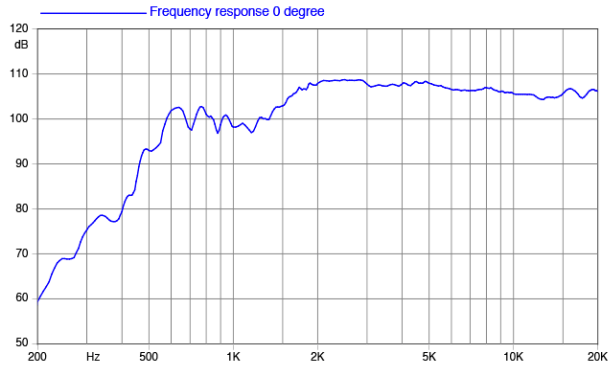
(2) Maximum power is defined as 3dB greater than nominal power.

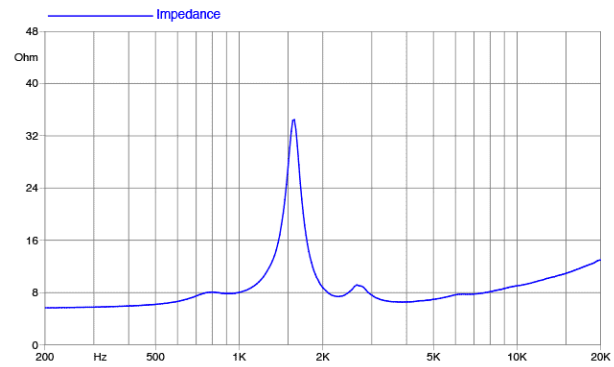
(3) 12 dB/oct or higher slope high-pass filter

(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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