faital PRO PROFESSIONAL LOUDSPEAKERS

HF1000

1" - 70 W - 110 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	48.5 mm (1.91 in)
Net Weight	**985 g (2.2 lb)**
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.1 kg (2.4 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00524379
Recone Kit - 8 Ohm Version	R0524379

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling **(1)**	70 W
Maximum Power Handling (2)	**140 W**
Minimum Crossover Frequency **(3)**	1.3 kHz
Sensitivity (1W/1m) (4)	**110 dB**
Frequency Range	1÷18 kHz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Dome
Winding Depth	2.6 mm (0.10 in)
Magnetic Gap Depth	3.1 mm (0.12 in)
Flux Density	2.1 T
Magnet	Neodymium Ring
Re	5.5 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	0° Cylindrical
NET Air Volume filled by HF Driver	0.245 dm^3 (0.009 ft^3)

NOTES:

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

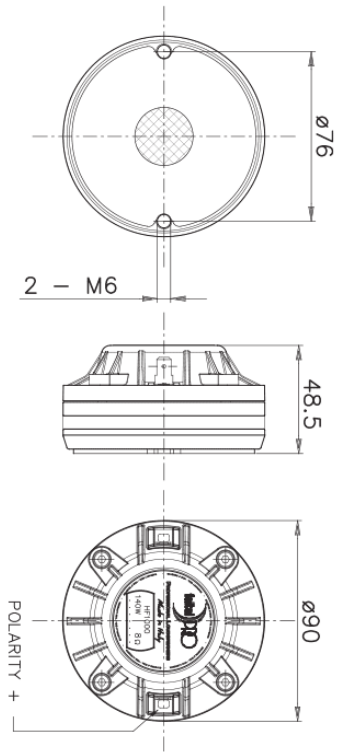
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

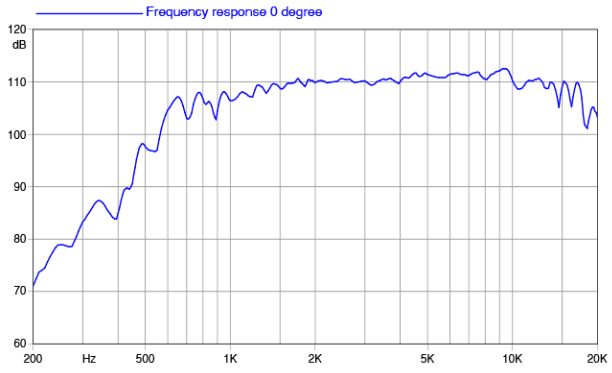
(2) Maximum power is defined as 3dB greater than nominal power.

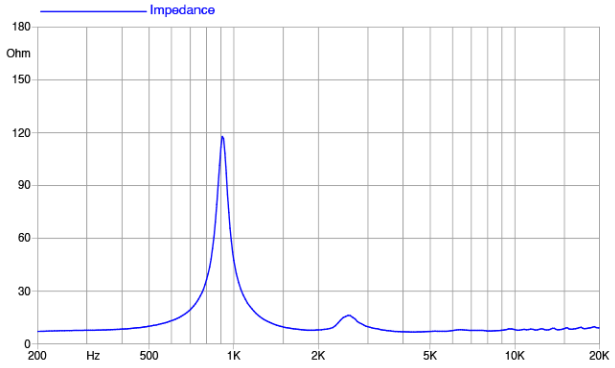
(3) 12 dB/oct or higher slope high-pass filter

(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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