faital PRO PROFESSIONAL LOUDSPEAKERS

HF10AT

1" - 60 W - 109 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	102 mm (4.02 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
120° Mounting Holes Diameter (3xM6)	57 mm (2.24 in)
Depth	54 mm (2.13 in)
Net Weight	**1.4 kg (3.1 lb)**
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.5 kg (3.3 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.9 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	**Titanium**
Diaphragm Shape	Dome
Winding Depth	1.9 mm (0.07 in)
Magnetic Gap Depth	2.65 mm (0.10 in)
Flux Density	1.9 T
Magnet	Neodymium Ring
Re	5.8 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	21° Conical
NET Air Volume filled by HF Driver	0.35 dm^3 (0.012 ft^3)

NOTES:

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

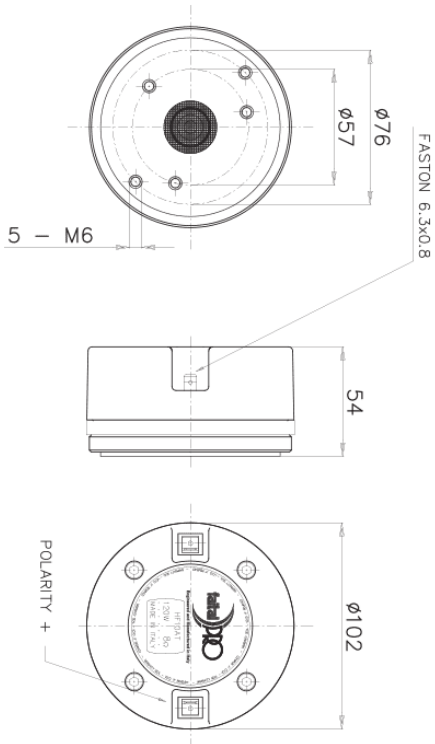
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

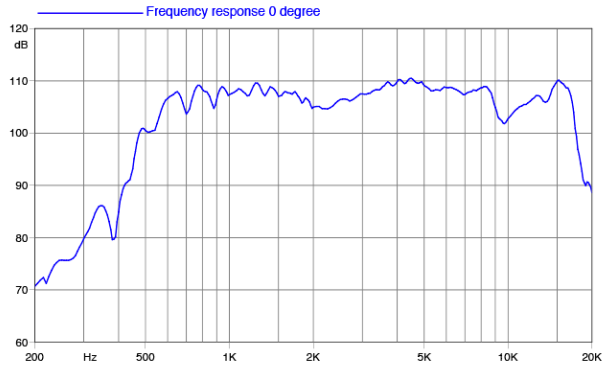
(2) Maximum power is defined as 3dB greater than nominal power.

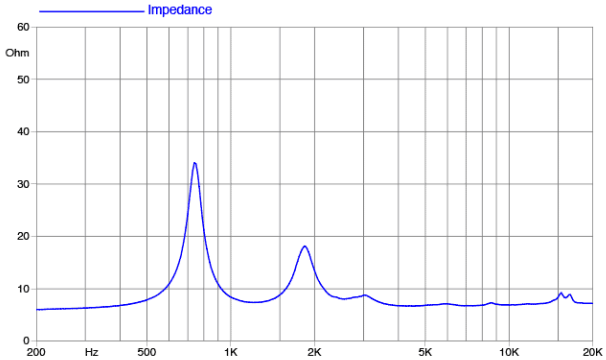
(3) 12 dB/oct or higher slope high-pass filter

(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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