PROFESSIONAL LOUDSPEAKERS

HF102

1" - 30 W - 107 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	43 mm (1.69 in)
Net Weight	**300 g (0.7 lb)**
Shipping Box (Single carton box)	98 x 90 x 64 mm (3.9 x 3.5 x 2.5 in)
Shipping Weight	330 g (0.72 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00253937
Recone Kit - 8 Ohm Version	R0253937

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling **(1)**	30 W
Maximum Power Handling (2)	**60 W**
Minimum Crossover Frequency **(3)**	2.6 kHz
Sensitivity (1W/1m) (4)	**107 dB**
Frequency Range	1.8÷20 kHz
Voice Coil Diameter	**25 mm (0.98 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Ketone Polymer**
Diaphragm Shape	Dome
Winding Depth	1.7 mm (0.07 in)
Magnetic Gap Depth	2 mm (0.08 in)
Flux Density	1.3 T
Magnet	Neodymium Ring
Re	6 Ohm
Phase Plug Design	Radial
Exit Angle **(5)**	9° Conical
NET Air Volume filled by HF Driver	0.1 dm^3 (0.004 ft^3)

NOTES:

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

Ferrofluid added in air gap

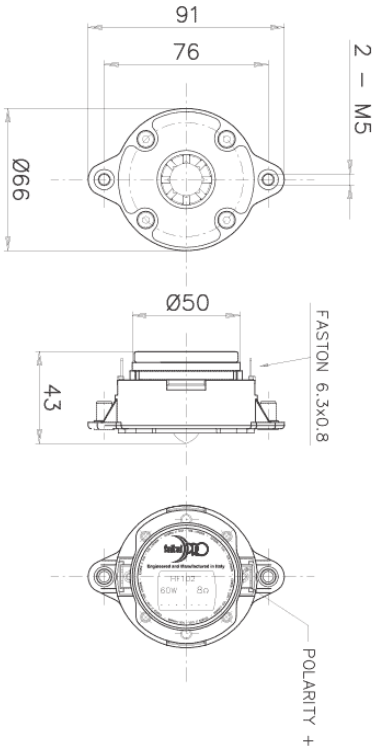
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

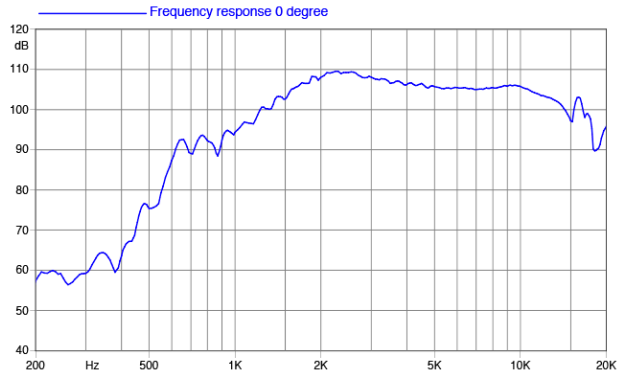
(2) Maximum power is defined as 3dB greater than nominal power.

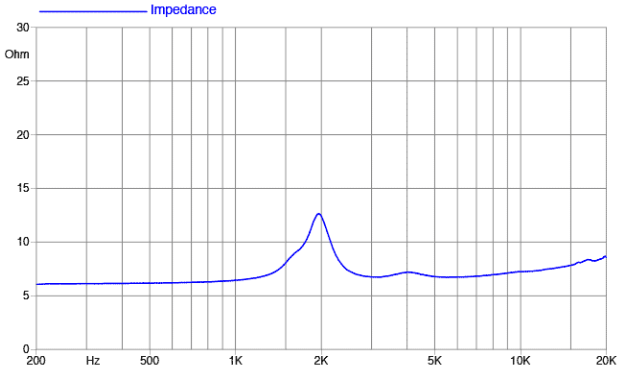
(3) 12 dB/oct or higher slope high-pass filter

(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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