

# HF1000T

1" - 70 W - 108 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	49.5 mm (1.95 in)
<b>Net Weight</b>	<b>985 g (2.2 lb)</b>
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	TBD
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## NOTES:

Driver mounted on a **1" 50° x 40° Horn**  
 (1) 2 Hour 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.

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling (1)	70 W
<b>Maximum Power Handling (2)</b>	<b>140 W</b>
Minimum Crossover Frequency (3)	1.2 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>108 dB</b>
Frequency Range	1÷18 kHz
<b>Voice Coil Diameter</b>	<b>52 mm (2 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Titanium</b>
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)

