

# 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)
<b>Net Weight</b>	<b>1.3 Kg (2.9 lb)</b>
Shipping Box (Single carton box)	147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in)
Shipping Weight	1.3 Kg (2.9 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	00374274
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## 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.

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling (1)	40 W
<b>Maximum Power Handling (2)</b>	<b>80 W</b>
Minimum Crossover Frequency (3)	2 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>107 dB</b>
Frequency Range	2÷20 kHz
<b>Voice Coil Diameter</b>	<b>37 mm (1.46 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>
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 <sup>3</sup> (0.008 ft <sup>3</sup> )

