

HF111

1" - 40 W - 107 dB



NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	90 mm (3.54 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	47 mm (1.85 in)
Net Weight	1.05 kg (2.3 lb)
Shipping Box	147 x 130 x 82 mm
(Single Carton Box)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	1.3 kg (2.9 lb)

- NOTES:** Driver mounted on a 1" 50° x 40° Al horn
- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
 - (2) Maximum power is defined as 3 dB 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 Ω
Minimum Impedance	6.6 Ω
AES Power Handling (1)	40 W
Maximum Power Handling (2)	80 W
Minimum Crossover Frequency (3)	2 kHz
Sensitivity (1W/1m) (4)	107 dB
Frequency Range	2÷20 kHz
Voice Coil Diameter	37 mm (1.46 in)
Winding Material	Al
Former Material	Kapton
Diaphragm Material	Ketone Polymer
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 Ω
Phase Plug Design	Annular
Exit Angle (5)	18° Conical
NET Air Volume filled by HF Driver	0.225 dm³ (0.008 ft³)

