



# HF108R

1" - 60 W - 109 dB

## NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	87 mm (3.43 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	41 mm (1.61 in)
<b>Net Weight</b>	<b>800 g (1.8 lb)</b>
Shipping Box	147 x 130 x 82 mm
(Single Carton Box)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	1.2 kg (2.6 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
AES Power Handling (1)	60 W
<b>Maximum Power Handling (2)</b>	<b>120 W</b>
Minimum Crossover Frequency (3)	1.3 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>109 dB</b>
Frequency Range	1±20 kHz
<b>Voice Coil Diameter</b>	<b>44 mm (1.73 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	2.3 mm (0.09 in)
Magnetic Gap Depth	2.85 mm (0.11 in)
Flux Density	2.1 T
Magnet	Neodymium Ring
Re	5.8 Ω
Phase Plug Design	Annular
Exit Angle (5)	31° Conical
NET Air Volume filled by HF Driver	0.195 dm <sup>3</sup> (0.007 ft <sup>3</sup> )

**NOTE:** 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 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.

