

HF108

1" - 60 W - 109 dB

HF108R⁽⁶⁾

1" - 60 W - 109 dB



NOMINAL SPECIFICATIONS

	HF108	HF108R (6)
Throat Diameter	25.4 mm (1 in)	25.4 mm (1 in)
Overall Diameter	87 mm (3.43 in)	87 mm (3.43 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)	76 mm (2.99 in)
Depth	41 mm (1.61 in)	41 mm (1.61 in)
Net Weight	800 g (1.8 lb)	800 g (1.8 lb)
Shipping Box	147 x 130 x 82 mm	147 x 130 x 82 mm
(Single Carton Box)	(5.8 x 5.1 x 3.2 in)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	1.2 kg (2.6 lb)	1.2 kg (2.6 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.

(6) Perforated suspension for acoustic tuning and tighter clamping.

TECHNICAL PARAMETERS

	HF108	HF108R (6)
Nominal Impedance	8 Ω	8 Ω
Minimum Impedance	6.8 Ω	6.5 Ω
AES Power Handling (1)	60 W	60 W
Maximum Power Handling (2)	120 W	120 W
Minimum Crossover Frequency (3)	1.3 kHz	1.3 kHz
Sensitivity (1W/1m) (4)	109 dB	109 dB
Frequency Range	1÷20 kHz	1÷20 kHz
Voice Coil Diameter	44 mm (1.73 in)	44 mm (1.73 in)
Winding Material	Al	Al
Former Material	Kapton	Kapton
Diaphragm Material	Ketone Polymer	Ketone Polymer
Diaphragm Shape	Dome	Dome
Winding Depth	2.3 mm (0.09 in)	2.3 mm (0.09 in)
Magnetic Gap Depth	2.85 mm (0.11 in)	2.85 mm (0.11 in)
Flux Density	2.1 T	2.1 T
Magnet	Neodymium Ring	Neodymium Ring
Re	5.8 Ω	5.8 Ω
Phase Plug Design	Annular	Annular
Exit Angle (5)	31° Conical	31° Conical
NET Air Volume filled by HF Driver	0.195 dm ³ (0.007 ft ³)	0.195 dm ³ (0.007 ft ³)

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