

HF1440

1.4" - 120 W - 109 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	35.8 mm (1.4 in)
Overall Diameter	124 mm (4.9 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	75 mm (3 in)
Net Weight	2.1 kg (4.5 lb)
Shipping Box (Single carton box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	2.4 kg (5.3 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00864312
----------------------------------	----------

NOTES:

Driver mounted on **FaitalPRO LTH142 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	8.3 Ohm
AES Power above 0.9 kHz (1)	120 W
Maximum Power above 0.9 kHz (2)	240 W
Minimum Crossover Frequency (3)	0.7 kHz
Sensitivity (1W/1m) (4)	109 dB
Frequency Range	0.5-20 kHz
Voice Coil Diameter	86 mm (3.4 in)
Winding Material	Al
Former Material	Kapton
Diaphragm Material	Ketone Polymer
Diaphragm Shape	Annular
Winding Depth	3.6 mm (0.14 in)
Magnetic Gap Depth	4 mm (0.16 in)
Flux Density	2.2 T
Magnet	Neodymium Ring
Re	6.8 Ohm
Phase Plug Design	Radial
Exit Angle (5)	Combined Exit
NET Air Volume filled by HF Driver	0.55 dm ³ (0.019 ft ³)

