

# 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)
<b>Net Weight</b>	<b>2.1 kg (4.5 lb)</b>
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
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## 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 Handling (1)	120 W
<b>Maximum Power Handling (2)</b>	<b>240 W</b>
Minimum Crossover Frequency (3)	0.7 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>109 dB</b>
Frequency Range	0.5-20 kHz
<b>Voice Coil Diameter</b>	<b>86 mm (3.4 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>
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 <sup>3</sup> (0.019 ft <sup>3</sup> )

