

HF144

1.4" - 80 W - 109 dB - 16 Ohm

NOMINAL SPECIFICATIONS

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	123 mm (4.84 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	63.5 mm (2.50 in)
Net Weight	2 kg (4.4 lb)
Shipping Box (Single carton box)	185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in)
Shipping Weight	2.3 kg (5.1 lb)

PART NUMBER

Push Terminals - 16 Ohm Version	00654016
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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 phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.



TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	14.4 Ohm
AES Power above 0.9 kHz (1)	80 W
AES Power above 0.65 kHz	40 W
Maximum Power above 0.9 kHz (2)	160 W
Maximum Power above 0.65 kHz	80 W
Minimum Crossover Frequency (3)	0.9 kHz
Sensitivity (1W/1m) (4)	109 dB
Frequency Range	0.7÷18 kHz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Al
Former Material	Kapton
Diaphragm Material	Ketone Polymer
Diaphragm Shape	Dome
Winding Depth	3.75 mm (0.15 in)
Magnetic Gap Depth	4.2 mm (0.17 in)
Flux Density	1.7 T
Magnet	Neodymium Slug Crown
Re	11 Ohm
Phase Plug Design	Annular
Exit Angle (5)	29° Conical
NET Air Volume filled by HF Driver	0.55 dm³ (0.019 ft³)

