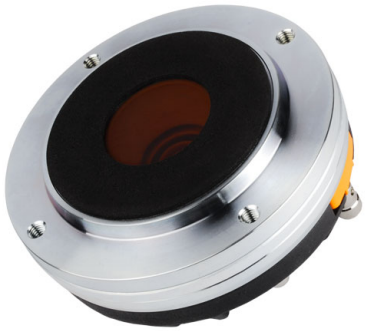
PROFESSIONAL LOUDSPEAKERS

HF142

1.4" - 80 W - 110 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	115 mm (4.53 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	54.5 mm (2.15 in)
Net Weight	**1.64 kg (3.6 lb)**
Shipping Box (Single carton box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	1.95 kg (4.3 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	00654272
Recone Kit - 8 Ohm Version	R0654272

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	8.4 Ohm
AES Power above 0.9 kHz (1)	**80 W**
AES Power above 0.65 kHz	25 W
Maximum Power above 0.9 kHz (2)	**160 W**
Maximum Power above 0.65 kHz	50 W
Minimum Crossover Frequency **(3)**	0.9 kHz
Sensitivity (1W/1m) (4)	**110 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	2.1 mm (0.08 in)
Magnetic Gap Depth	4.2 mm (0.17 in)
Flux Density	1.8 T
Magnet	Neodymium Ring
Re	6.7 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	29° Conical
NET Air Volume filled by HF Driver	0.4 dm^3 (0.014 ft^3)

NOTES:

Driver mounted on **FaitalPRO LTH142 Horn**

Perforated suspension for acoustic tuning

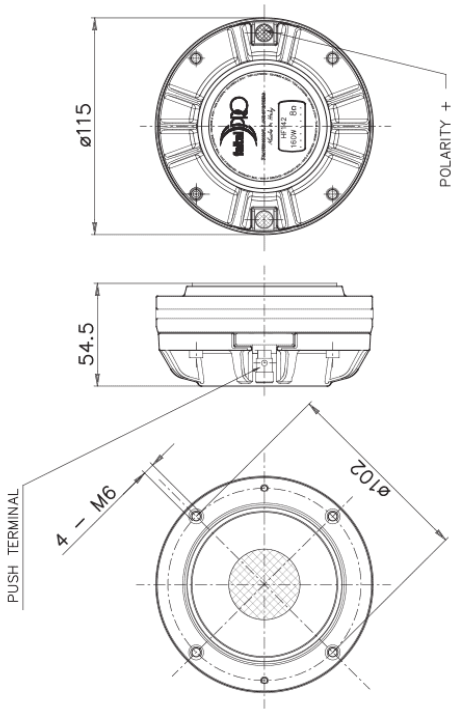
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

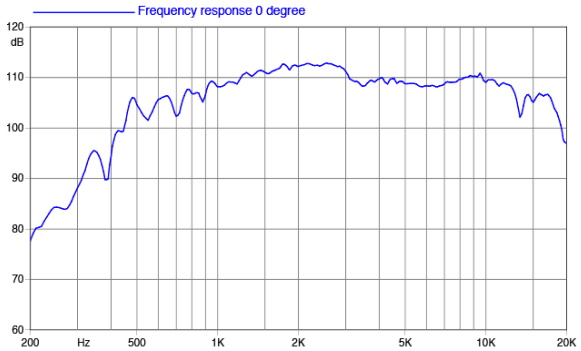
(2) Maximum power is defined as 3dB greater than nominal power.

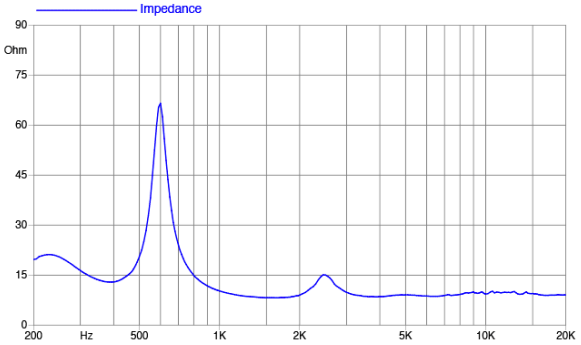
(3) 12 dB/oct or higher slope high-pass filter

(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.







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