PROFESSIONAL LOUDSPEAKERS

HF143

1.4" - 100 W - 108 dB - 16 Ohm

NOMINAL SPECIFICATIONS

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	156 mm (6.14 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	64.5 mm (2.54 in)
Net Weight	**4.0 kg (8.8 lb)**
Shipping Box (Single carton box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.6 in)
Shipping Weight	4.2 kg (9.3 lb)

PART NUMBER

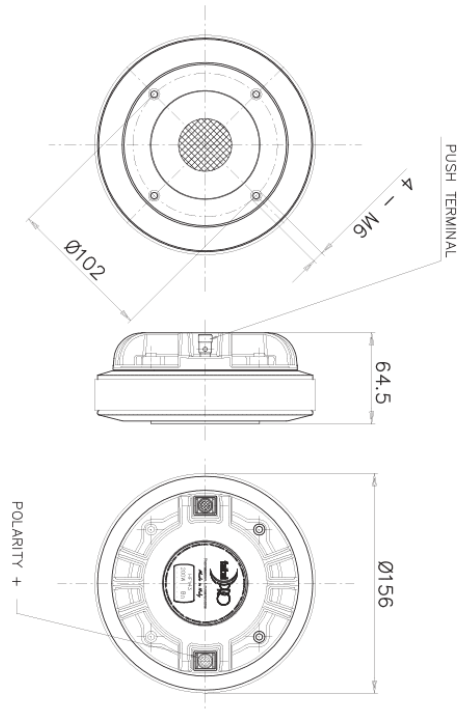
Push Terminals - 16 Ohm Version	00744247
Recone Kit - 16 Ohm Version	R0743885

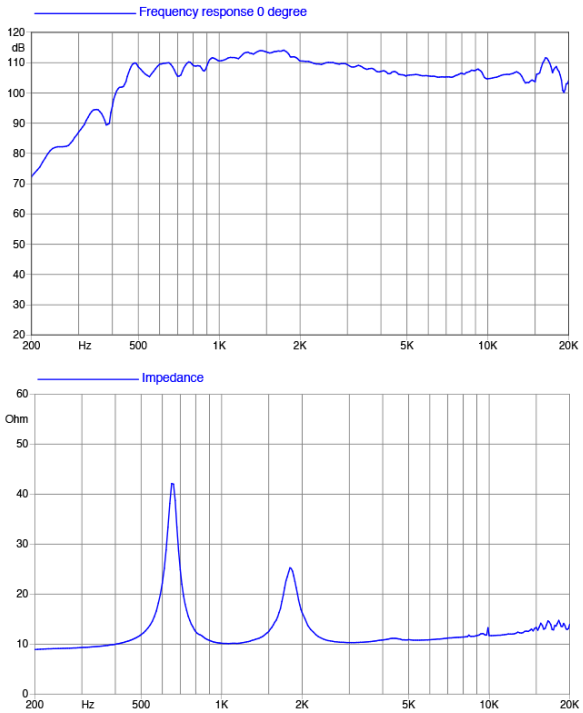
NOTES:

(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	10.3 Ohm
AES Power above 0.9 kHz (1)	**100 W**
AES Power above 0.65 kHz	50 W
Maximum Power above 0.9 kHz (2)	**200 W**
Maximum Power above 0.65 kHz	100 W
Minimum Crossover Frequency **(3)**	0.9 kHz
Sensitivity (1W/1m) (4)	**108 dB**
Frequency Range	0.5÷18 kHz
Voice Coil Diameter	**74 mm (2.91 in)**
Winding Material	**Al**
Former Material	Kapton
Diaphragm Material	**Titanium**
Diaphragm Shape	Dome
Winding Depth	2.45 mm (0.10 in)
Magnetic Gap Depth	3.2 mm (0.13 in)
Flux Density	1.6 T
Magnet	Ferrite Ring
Re	8.2 Ohm
Phase Plug Design	Annular
Exit Angle **(5)**	6° Conical
NET Air Volume filled by HF Driver	0.73 dm^3 (0.026 ft^3)





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