

HF143

1.4" - 100 W - 108 dB - 8 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 - 8 Ohm Version | 00744207 |
| Recone Kit - 8 Ohm Version | R0743887 |

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 | 8 Ohm |
| Minimum Impedance | 6.9 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 | 2.35 mm (0.09 in) |
| Magnetic Gap Depth | 3.2 mm (0.13 in) |
| Flux Density | 1.6 T |
| Magnet | Ferrite Ring |
| Re | 5.6 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) |

