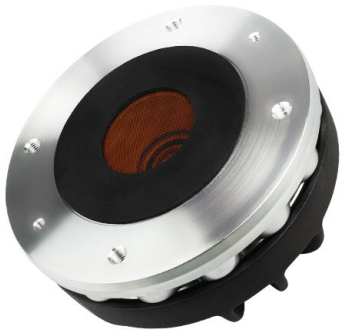
faitalPRO PROFESSIONAL LOUDSPEAKERS

# HF144

## 1.4" - 80 W - 109 dB - 8 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 (2.5 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 - 8 Ohm Version | 00654010 |
| Recone Kit - 8 Ohm Version | R0654010 |

### 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.

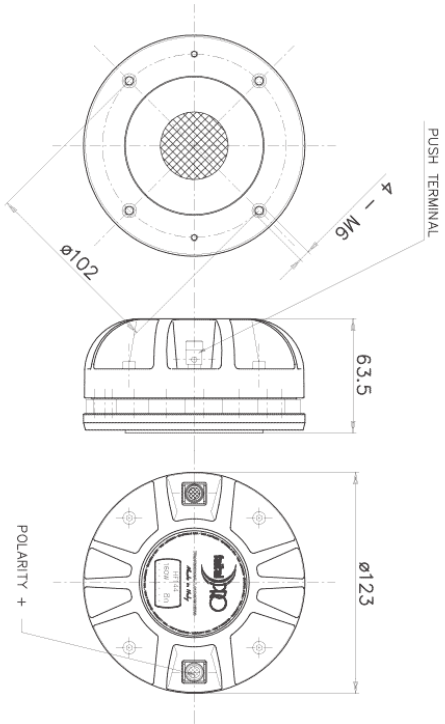
**(3)** 12 dB/oct or higher slope high-pass filter

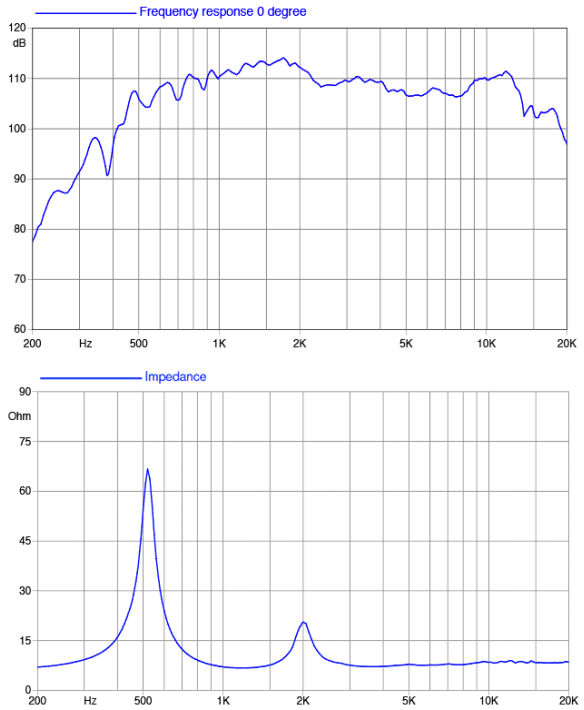
**(4)** Averaged within the frequency range

**(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 | 6.8 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 mm (0.12 in) |
| Magnetic Gap Depth | 4.2 mm (0.17 in) |
| Flux Density | 1.7 T |
| Magnet | Neodymium Slug Crown |
| Re | 5.5 Ohm |
| Phase Plug Design | Annular |
| Exit Angle **(5)** | 29° Conical |
| NET Air Volume filled by HF Driver | 0.55 dm^3 (0.019 ft^3) |






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