PROFESSIONAL LOUDSPEAKERS

# HF148

## 1.4" - 100 W - 109 dB - 16 Ohm



### NOMINAL SPECIFICATIONS

| | |
|---|---|
| Throat Diameter | 35.6 mm (1.4 in) |
| Overall Diameter | 125 mm (4.92 in) |
| 90° Mounting Holes Diameter (4xM6) | 102 mm (4.02 in) |
| Depth | 55 mm (2.17 in) |
| **Net Weight** | **2.32 kg (5.1 lb)** |
| Shipping Box (Single carton box) | 185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in) |
| Shipping Weight | 2.6 kg (5.7 lb) |

### PART NUMBER

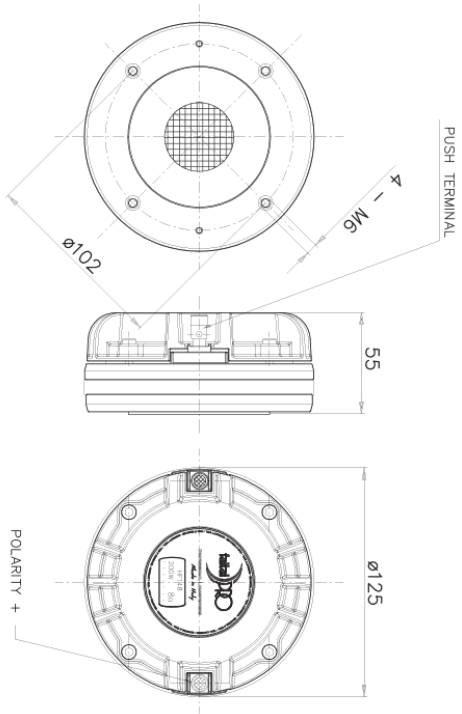
| | |
|---|---|
| Push Terminals - 16 Ohm Version | 00744233 |

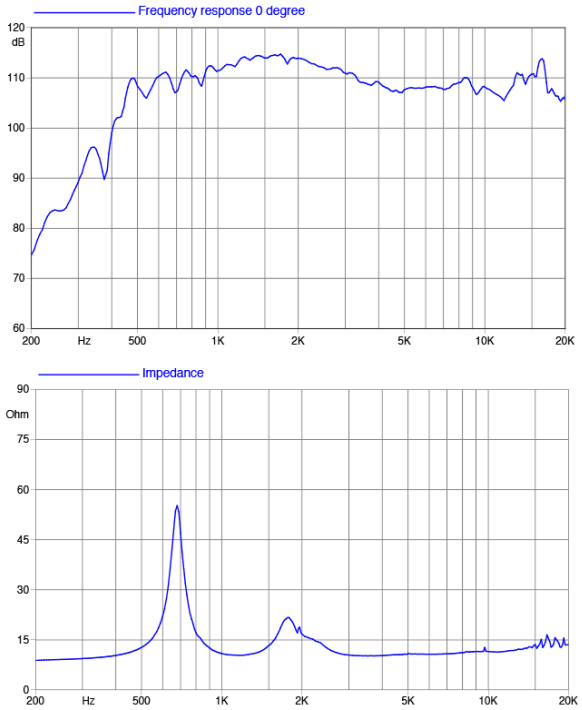
### NOTES:

**(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 | 10.1 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)** | **109 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 | 2.7 mm (0.11 in) |
| Magnetic Gap Depth | 3.2 mm (0.13 in) |
| Flux Density | 1.75 T |
| Magnet | Neodymium Ring |
| Re | 8.2 Ohm |
| Phase Plug Design | Annular |
| Exit Angle **(5)** | 12° Conical |
| NET Air Volume filled by HF Driver | 0.45 dm^3 (0.016 ft^3) |





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