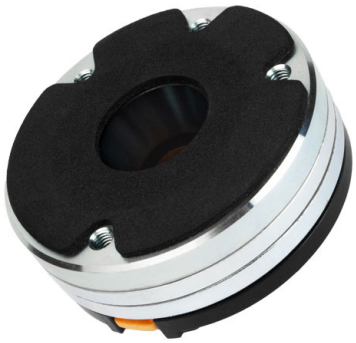
PROFESSIONAL LOUDSPEAKERS

# HF110

1" - 40 W - 110 dB - 8 Ohm



## NOMINAL SPECIFICATIONS

| | |
|---|---|
| Throat Diameter | 25.4 mm (1 in) |
| Overall Diameter | 72 mm (2.83 in) |
| 180° Mounting Holes Diameter (2xM5) | 57 mm (2.24 in) |
| Depth | 35 mm (1.38 in) |
| **Net Weight** | **520 g (1.1 lb)** |
| Shipping Box (Single carton box) | 98 x 90 x 64 mm (3.9 x 3.5 x 2.5 in) |
| Shipping Weight | 570 g (1.3 lb) |

## PART NUMBER

| | |
|---|---|
| Faston Terminals - 8 Ohm Version | 00374401 |
| Recone Kit - 8 Ohm Version | R0374401 |

## TECHNICAL PARAMETERS

| | |
|---|---|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7 Ohm |
| AES Power Handling **(1)** | 40 W |
| **Maximum Power Handling (2)** | **80 W** |
| Minimum Crossover Frequency **(3)** | 2 kHz |
| **Sensitivity (1W/1m) (4)** | **110 dB** |
| Frequency Range | 2÷20 kHz |
| **Voice Coil Diameter** | **37 mm (1.46 in)** |
| **Winding Material** | **Al** |
| Former Material | Kapton |
| **Diaphragm Material** | **Ketone Polymer** |
| Diaphragm Shape | Dome |
| Winding Depth | 2.3 mm (0.09 in) |
| Magnetic Gap Depth | 2.6 mm (0.10 in) |
| Flux Density | 2.1 T |
| Magnet | Neodymium Ring |
| Re | 5.5 Ohm |
| Phase Plug Design | Annular |
| Exit Angle **(5)** | 34° Conical |
| NET Air Volume filled by HF Driver | 0.115 dm^3 (0.004 ft^3) |

### NOTES:

Driver mounted on a **1" 50° x 40° Horn**

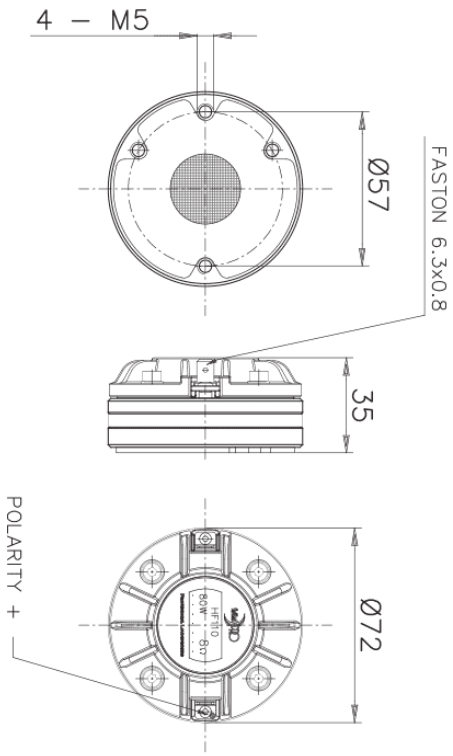
**(1)** 2 Hours Test According to AES 2-1984 Rev. 2003

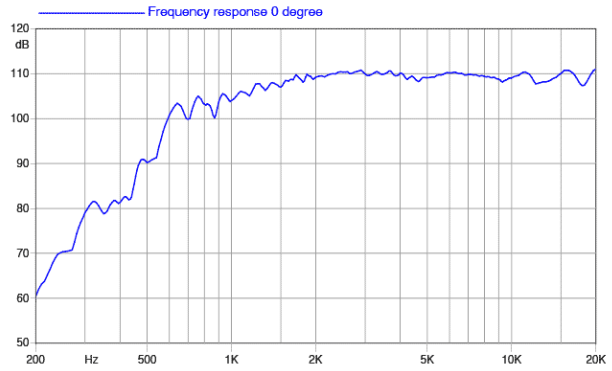
**(2)** Maximum power is defined as 3dB greater than nominal power.

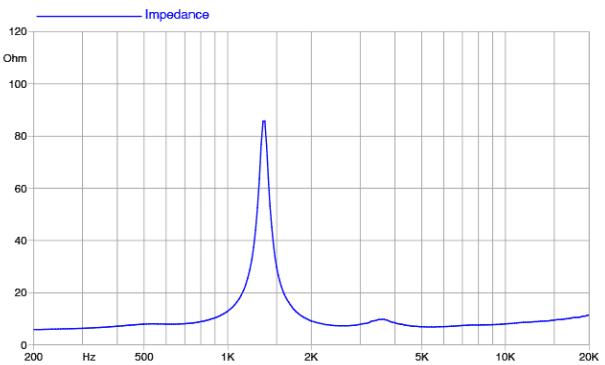
**(3)** 12 dB/oct or higher slope high-pass filter

**(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.





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