PROFESSIONAL LOUDSPEAKERS

# HF100

1" - 30 W - 108 dB - 8 Ohm



## NOMINAL SPECIFICATIONS

| | |
|---|---|
| Throat Diameter | 25.4 mm (1 in) |
| Overall Diameter | 108 mm (4.02 in) |
| 180° Mounting Holes Diameter (2xM6) | 76 mm (2.99 in) |
| Depth | 55 mm (2.17 in) |
| **Net Weight** | **830 g (1.8 lb)** |
| Shipping Box (Single carton box) | 147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in) |
| Shipping Weight | 862 g (1.90 lb) |

## PART NUMBER

| | |
|---|---|
| Faston Terminals - 8 Ohm Version | 00254029 |
| Recone Kit - 8 Ohm Version | R0254029 |

## TECHNICAL PARAMETERS

| | |
|---|---|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7 Ohm |
| AES Power Handling **(1)** | 30 W |
| **Maximum Power Handling (2)** | **60 W** |
| Minimum Crossover Frequency **(3)** | 2 kHz |
| **Sensitivity (1W/1m) (4)** | **108 dB** |
| Frequency Range | 1.5÷20 kHz |
| **Voice Coil Diameter** | **25 mm (0.98 in)** |
| **Winding Material** | **Al** |
| Former Material | Kapton |
| **Diaphragm Material** | **Ketone Polymer** |
| Diaphragm Shape | Dome |
| Winding Depth | 1.7 mm (0.07 in) |
| Magnetic Gap Depth | 2 mm (0.08 in) |
| Flux Density | 1.7 T |
| Magnet | Ferrite Ring |
| Re | 6 Ohm |
| Phase Plug Design | Radial |
| Exit Angle **(5)** | 9° Conical |
| NET Air Volume filled by HF Driver | 0.25 dm^3 (0.009 ft^3) |

## NOTES:

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

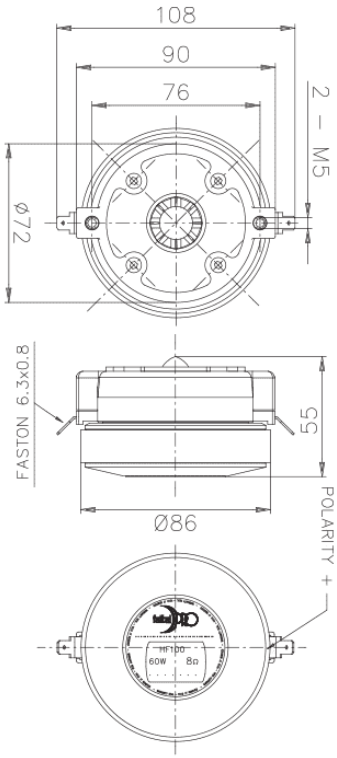
**(1)** 2 Hours Test According to AES 2-1984 Rev. 2003

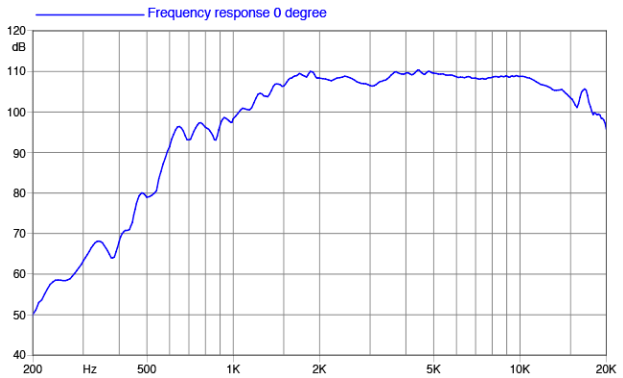
**(2)** Maximum power is defined as 3dB greater than nominal power.

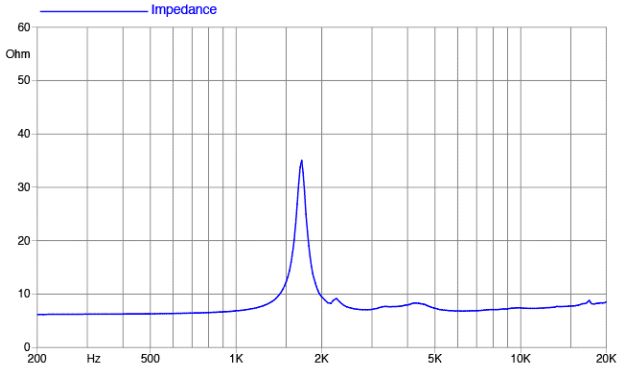
**(3)** 12 dB/oct or higher slope high-pass filter

**(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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