

# HF111

1" - 40 W - 107 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| Throat Diameter                     | 25.4 mm (1 in)                            |
| Overall Diameter                    | 90 mm (3.54 in)                           |
| 180° Mounting Holes Diameter (2xM5) | 76 mm (2.99 in)                           |
| Depth                               | 47 mm (1.85 in)                           |
| <b>Net Weight</b>                   | <b>1.3 kg (2.9 lb)</b>                    |
| Shipping Box<br>(Single carton box) | 147 x 130 x 82 mm<br>(5.8 x 5.1 x 3.2 in) |
| Shipping Weight                     | 1.3 kg (2.9 lb)                           |

## PART NUMBER

|                                  |          |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 00374274 |
|----------------------------------|----------|

## 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 driver's exit coincides with the end of the phase plug, there is no adaptation throat.



## TECHNICAL PARAMETERS

|                                    |                        |
|------------------------------------|------------------------|
| Nominal Impedance                  | 8 Ohm                  |
| Minimum Impedance                  | 6.6 Ohm                |
| AES Power Handling (1)             | 40 W                   |
| <b>Maximum Power Handling (2)</b>  | <b>80 W</b>            |
| Minimum Crossover Frequency (3)    | 2 kHz                  |
| <b>Sensitivity (1W/1m) (4)</b>     | <b>107 dB</b>          |
| Frequency Range                    | 2-20 kHz               |
| <b>Voice Coil Diameter</b>         | <b>37 mm (1.46 in)</b> |
| <b>Winding Material</b>            | <b>Al</b>              |
| Former Material                    | Kapton                 |
| <b>Diaphragm Material</b>          | <b>Ketone Polymer</b>  |
| Diaphragm Shape                    | Dome                   |
| Winding Depth                      | 2.2 mm (0.09 in)       |
| Magnetic Gap Depth                 | 2.4 mm (0.09 in)       |
| Flux Density                       | 1.6 T                  |
| Magnet                             | Ferrite Ring           |
| Re                                 | 5.5 Ohm                |
| Phase Plug Design                  | Annular                |
| Exit Angle (5)                     | 18° Conical            |
| NET Air Volume filled by HF Driver | 0.225 dm³ (0.008 ft³)  |

