

# HF108

1" - 60 W - 109 dB - 16 Ohm



## NOMINAL SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Throat Diameter                     | 25.4 mm (1 in)                         |
| Overall Diameter                    | 87 mm (3.43 in)                        |
| 180° Mounting Holes Diameter (2xM5) | 76 mm (2.99 in)                        |
| Depth                               | 41 mm (1.61 in)                        |
| <b>Net Weight</b>                   | <b>800 g (1.8 lb)</b>                  |
| Shipping Box<br>(Single carton box) | 147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in) |
| Shipping Weight                     | 1.2 kg (2.6 lb)                        |

## PART NUMBER

|                                  |          |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 00444204 |
|----------------------------------|----------|

## 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                  | 13.2 Ohm                                       |
| AES Power Handling (1)             | 60 W   |
| <b>Maximum Power Handling (2)</b>  | <b>120 W</b>                                   |
| Minimum Crossover Frequency (3)    | 1.3 kHz  |
| <b>Sensitivity (1W/1m) (4)</b>     | <b>109 dB</b>                                  |
| Frequency Range                    | 1÷20 kHz                                       |
| <b>Voice Coil Diameter</b>         | <b>44 mm (1.73 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                      | 2.9 mm (0.11 in)                               |
| Magnetic Gap Depth                 | 2.85 mm (0.11 in)                              |
| Flux Density                       | 2.1 T  |
| Magnet                             | Neodymium Ring                                 |
| Re                                 | 10.5 Ohm                                       |
| Phase Plug Design                  | Annular  |
| Exit Angle (5)                     | 31° Conical                                    |
| NET Air Volume filled by HF Driver | 0.195 dm <sup>3</sup> (0.007 ft <sup>3</sup> ) |

