

# HF107

1" - 70 W - 109 dB - 8 Ohm

### NOMINAL SPECIFICATIONS

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Throat Diameter                     | 25.4 mm (1 in)                             |
| Overall Diameter                    | 121 mm (4.76 in)                           |
| 180° Mounting Holes Diameter (2xM6) | 76 mm (2.99 in)                            |
| Depth                               | 75.4 mm (2.97 in)                          |
| <b>Net Weight</b>                   | <b>2.5 kg (5.5 lb)</b>                     |
| Shipping Box<br>(Single carton box) | 185 x 170 x 122 mm<br>(7.3 x 6.7 x 4.8 in) |
| Shipping Weight                     | 2.7 kg (5.8 lb)                            |

### PART NUMBER

|                                  |          |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 00444112 |
| Recone Kit - 8 Ohm Version       | R0444112 |

### 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                      | 6.8 Ohm                |
| AES Power Handling <b>(1)</b>          | 70 W                   |
| <b>Maximum Power Handling (2)</b>      | <b>140 W</b>           |
| Minimum Crossover Frequency <b>(3)</b> | 1.3 kHz                |
| <b>Sensitivity (1W/1m) (4)</b>         | <b>109 dB</b>          |
| Frequency Range                        | 1.3-20 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                        | Annular                |
| Winding Depth                          | 2.3 mm (0.09 in)       |
| Magnetic Gap Depth                     | 2.6 mm (0.10 in)       |
| Flux Density                           | 1.9 T                  |
| Magnet                                 | Ferrite Ring           |
| Re                                     | 5.4 Ohm                |
| Phase Plug Design                      | Annular                |
| Exit Angle <b>(5)</b>                  | Combined Exit          |
| NET Air Volume filled by HF Driver     | 0.5 dm^3 (0.018 ft^3)  |

