

# HF104

1" - 40 W - 108 dB - 16 Ohm



## NOMINAL SPECIFICATIONS

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Throat Diameter                     | 25.4 mm (1 in)                       |
| Overall Diameter                    | 91 mm (3.58 in)                      |
| 180° Mounting Holes Diameter (2xM5) | 77.5 mm (3.05 in)                    |
| Depth                               | 51 mm (2.01 in)                      |
| <b>Net Weight</b>                   | <b>670 g (1.5 lb)</b>                |
| Shipping Box (Single carton box)    | 98 x 90 x 64 mm (3.9 x 3.5 x 2.5 in) |
| Shipping Weight                     | 700 g (1.5 lb)                       |

## PART NUMBER

|                                   |          |
|-----------------------------------|----------|
| Faston Terminals - 16 Ohm Version | 00374063 |
|-----------------------------------|----------|

## 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                  | 16 Ohm  |
| Minimum Impedance                  | 13.9 Ohm                                      |
| AES Power Handling (1)             | 40 W  |
| <b>Maximum Power Handling (2)</b>  | <b>80 W</b>                                   |
| Minimum Crossover Frequency (3)    | 1.7 kHz                                       |
| <b>Sensitivity (1W/1m) (4)</b>     | <b>108 dB</b>                                 |
| Frequency Range                    | 1.5-20 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                    | Annular                                       |
| Winding Depth                      | 2.6 mm (0.10 in)                              |
| Magnetic Gap Depth                 | 2.6 mm (0.10 in)                              |
| Flux Density                       | 1.85 T  |
| Magnet                             | Neodymium Ring                                |
| Re                                 | 11 Ohm  |
| Phase Plug Design                  | Radial  |
| Exit Angle (5)                     | Combined Exit                                 |
| NET Air Volume filled by HF Driver | 0.16 dm <sup>3</sup> (0.006 ft <sup>3</sup> ) |

