

# HF2000

2" - 100 W - 110 dB - 8 Ohm



## NOMINAL SPECIFICATIONS

|                                    |   |
|------------------------------------|---|
| Throat Diameter                    | 50.8 mm (2 in)                          |
| Overall Diameter                   | 130.5 mm (5.14 in)                      |
| 90° Mounting Holes Diameter (4xM6) | 102 mm (4.02 in)                        |
| Depth                              | 83.5 mm (3.29 in)                       |
| <b>Net Weight</b>                  | <b>2.75 kg (6.1 lb)</b>                 |
| Shipping Box (Single carton box)   | 185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in) |
| Shipping Weight                    | 2.9 kg (6.4 lb)                         |

## PART NUMBER

|                                |          |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 00744218 |
| Recone Kit - 8 Ohm Version     | R0743887 |

## NOTES:

Driver mounted on a 2" 90° 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.

## TECHNICAL PARAMETERS

|  |  |
|--|--|
| Nominal Impedance                      | 8 Ohm  |
| Minimum Impedance                      | 7 Ohm  |
| <b>AES Power above 0.9 kHz (1)</b>     | <b>100 W</b>                                 |
| AES Power above 0.65 kHz               | 50 W   |
| <b>Maximum Power above 0.9 kHz (2)</b> | <b>200 W</b>                                 |
| Maximum Power above 0.65 kHz           | 100 W  |
| Minimum Crossover Frequency (3)        | 0.9 kHz                                      |
| <b>Sensitivity (1W/1m) (4)</b>         | <b>110 dB</b>                                |
| Frequency Range                        | 0.5÷18 kHz                                   |
| <b>Voice Coil Diameter</b>             | <b>74 mm (2.91 in)</b>                       |
| <b>Winding Material</b>                | <b>Al</b>                                    |
| Former Material                        | Kapton                                       |
| <b>Diaphragm Material</b>              | <b>Titanium</b>                              |
| Diaphragm Shape                        | Dome   |
| Winding Depth                          | 2.35 mm (0.09 in)                            |
| Magnetic Gap Depth                     | 3.2 mm (0.13 in)                             |
| Flux Density                           | 1.95 T                                       |
| Magnet                                 | Neodymium Ring                               |
| Re                                     | 5.6 Ohm                                      |
| Phase Plug Design                      | Annular                                      |
| Exit Angle (5)                         | 30° Conical                                  |
| NET Air Volume filled by HF Driver     | 0.6 dm <sup>3</sup> (0.021 ft <sup>3</sup> ) |

