

# HF10RT

1" - 60 W - 108 dB - 16 Ohm



## NOMINAL SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Throat Diameter                     | 25.4 mm (1 in)                         |
| Overall Diameter                    | 102 mm (4.02 in)                       |
| 180° Mounting Holes Diameter (2xM6) | 76 mm (2.99 in)                        |
| 120° Mounting Holes Diameter (3xM6) | 57 mm (2.24 in)                        |
| Depth                               | 54 mm (2.13 in)                        |
| <b>Net Weight</b>                   | <b>1.4 kg (3.1 lb)</b>                 |
| Shipping Box (Single carton box)    | 147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in) |
| Shipping Weight                     | 1.5 kg (3.3 lb)                        |

## 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                  | 9.8 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>108 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>Titanium</b>                               |
| Diaphragm Shape                    | Dome  |
| Winding Depth                      | 2.1 mm (0.08 in)                              |
| Magnetic Gap Depth                 | 2.65 mm (0.10 in)                             |
| Flux Density                       | 1.9 T   |
| Magnet                             | Neodymium Ring                                |
| Re                                 | 8.2 Ohm                                       |
| Phase Plug Design                  | Radial  |
| <b>Exit Angle (5)</b>              | <b>21° Conical</b>                            |
| NET Air Volume filled by HF Driver | 0.35 dm <sup>3</sup> (0.012 ft <sup>3</sup> ) |

