

# HF10AK

1" - 60 W - 110 dB - 8 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)                        |

## PART NUMBER

|                                  |          |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 00443982 |
| Recone Kit - 8 Ohm Version       | R0443984 |

## 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 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                  | 6.6 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>110 dB</b>                                 |
| Frequency Range                    | 0.8-20 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                      | 1.9 mm (0.07 in)                              |
| Magnetic Gap Depth                 | 2.65 mm (0.10 in)                             |
| Flux Density                       | 1.9 T   |
| Magnet                             | Neodymium Ring                                |
| Re                                 | 5.8 Ohm                                       |
| Phase Plug Design                  | Annular                                       |
| Exit Angle (5)                     | 21° Conical                                   |
| NET Air Volume filled by HF Driver | 0.35 dm <sup>3</sup> (0.012 ft <sup>3</sup> ) |

