



# 15HCX76

## Coaxials - 15 Inches

99 dB sensitivity  
 Single Neodymium magnet assembly  
 800 W continuous program power capacity  
 60°x40° nominal coverage  
 40 – 18000 Hz response



### Specification

|                    |                     |
|--------------------|---------------------|
| Nominal Diameter   | 380 mm (15 in)      |
| Nominal Impedance  | 8 ohm               |
| Minimum Impedance  | LF 6 ohm - HF 8 ohm |
| Frequency Range    | 40 - 18000 Hz       |
| Dispersion Angle   | 60°x40 °            |
| Diaphragm Material | Titanium            |
| Recom Crossover    | 1.2 kHz             |
| Magnet Material    | Neodymium Ring      |

### LF UNIT

|                              |              |
|------------------------------|--------------|
| Sensitivity (1W/1m)          | 99 dB        |
| Nominal Power Handling (AES) | 400 W        |
| Continuous Power Handling    | 800 W        |
| Voice Coil Diameter          | 76 mm (3 in) |
| Winding Material             | Copper       |

### HF UNIT

|                     |        |
|---------------------|--------|
| Sensitivity (1W/1m) | 107 dB |
|---------------------|--------|

### Mounting & Shipping

|                              |              |
|------------------------------|--------------|
| Nominal Power Handling (AES) | 80 W         |
| Continuous Power Handling    | 160 W        |
| Voice Coil Diameter          | 75 mm (3 in) |
| Winding Material             | Aluminium    |

### Parameters

|         |  |
|---------|--|
| Fs      | 38 Hz  |
| Re      | 5.1 ohm                                      |
| Qes     | 0.3  |
| Qms     | 5.8  |
| Qts     | 0.28   |
| Vas     | 246 dm <sup>3</sup> (8.6 ft <sup>3</sup> )   |
| Sd      | 855 cm <sup>2</sup> (132.5 in <sup>2</sup> ) |
| EtaZero | 3.7 %  |
| XMax    | ± 4.5 mm                                     |
| Xvar    | ± 6 mm                                       |
| Mms     | 82 g   |
| Bl      | 17.8 Txm                                     |
| Le      | 0.9 mH                                       |

|                             |                                    |
|-----------------------------|------------------------------------|
| Overall Diameter            | 393 mm (15.5 in)                   |
| Bolt Circle Diameter        | 374 mm (14.7 in)                   |
| Baffle Cutout Diameter      | 353 mm (13.9 in)                   |
| Depth                       | 198 mm (7.8 in)                    |
| Flange and Gasket Thickness | 16 mm (0.62 in)                    |
| Net Weight                  | 5.6 kg (12.3 lb)                   |
| Shipping Weight             | 7 kg (15.4 lb)                     |
| Shipping Box                | 450x450x290 mm (17.7x17.7x11.4 in) |

|                |
|----------------|
| Service kit LF |
| Service kit HF |

