

HF Compression Drivers

CDX1-1447

1-inch exit ferrite magnet compression driver







- Single piece polyimide diaphragm and surround
- Integrated diaphragm and rear cover for ease of replacement
- 2,200Hz recommended min. crossover freq (12dB/oct)

General Specifications

 $\begin{array}{ll} \mbox{Power Rating} & 35 \mbox{W} \\ \mbox{Continuous power rating} & 70 \mbox{W} \\ \mbox{Rated impedance} & 8 \ \Omega \\ \mbox{Sensitivity} & 106 \mbox{dB} \end{array}$

Frequency range 1500-20,000Hz

Recommended min. crossover 2200Hz

(12dB/oct)

Magnet type Ferrite

Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminiu

m

Diaphragm material Polyimide Surround material Polyimide

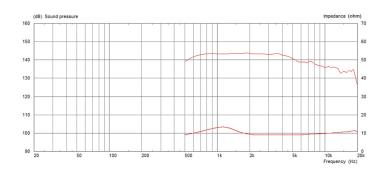
Mounting Information

Width 90mm / 3.5in
Depth 46.5mm / 1.8in
Fitting Bolt (4 x M6 holes o

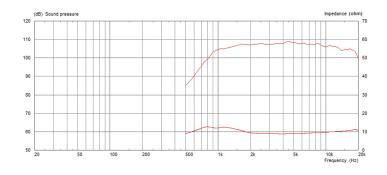
n 76mm/3in PCD)

Throat exit 25mm / 1in Unit weight 1.0kg / 2.2lb

Frequency Response and Impedance Curves



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

Power rating: Tested for two hours on plane wave tube using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m, using typical horn, in 2? anechoic environment.

Packed Dimensions & Weight

Single pack size W x D x H 110mm x 98mm x 81mm

/ 4.3in x 3.9in x 3.

2in

16

Single pack weight 1.5kg / 3.3lb

Multi pack qty

Multi pack size W x D x H 495mm x 495mm x 90mm

/ 19.5in x 19.5in x

3.5in

Multi pack weight 17kg / 37.4lb

Horns and repair kits

T6525 Diaphragm repair kit 8Ω

T5359 H19040P Horn

T5134 H17050 No Bell Horn

