

HF Compression Drivers

CDX1-1430

1-inch exit neodymium magnet compression driver



- 2,500Hz recommended min. crossover freq (12dB/oct)
- Aluminium diaphragm with elastomer surround
- Copper Inductance sleeve for improved HF performance

General Specifications

 $\begin{array}{ll} \mbox{Power Rating} & 50 \mbox{W} \\ \mbox{Continuous power rating} & 100 \mbox{W} \\ \mbox{Rated impedance} & 8 \ \Omega \\ \mbox{Sensitivity} & 108 \mbox{dB} \end{array}$

Frequency range 2000-20,000Hz

Recommended min. crossover 2500Hz

(12dB/oct)

Magnet type Neodymium
Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminiu

m

Diaphragm material Aluminium Surround material Elastomer

Mounting Information

 Width
 90mm / 3.5in

 Depth
 58mm / 2.3in

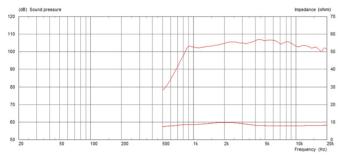
Fitting Bolt (2 x M6 holes o

n 76mm/3.0in PCD)

Throat exit 25mm / 1in
Unit weight 0.47kg / 1.0lb

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 90mm x 90mm x 60mm /

3.5in x 3.5in x 2.4

in

Single pack weight 0.6kg / 1.3lb

Multi pack qty 24

Multi pack size W x D x H 345mm x 370mm x 245m

m / 13.6in x 14.6in

x 9.6in

Multi pack weight 12.5kg / 28lb

Horns and repair kits

T5503 Diaphragm repair kit 8Ω

T5359 H19040P Horn

T5134 H17050 No Bell Horn

