

HF Compression Drivers

CDX1-1412

1-inch exit neodymium magnet compression driver







- Very compact design for highly portable applications
- 2,000Hz recommended min. crossover freq (12dB/oct)
- Single piece polyimide film diaphragm and surround

General Specifications

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

Frequency range 1500-20,000Hz

Recommended min. crossover 2000Hz

(12dB/oct)

Magnet type Neodymium
Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminiu

m

Diaphragm material Polyimide Surround material Polyimide

Additional impedances 16

Mounting Information

Width 60mm / 2.4in

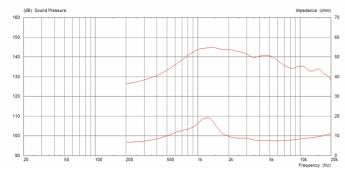
Depth 34.5mm / 1.4in

Fitting Bolt (2x M5 holes on

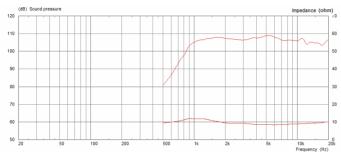
52mm/2.05in PCD)

Throat exit 25mm / 1in
Unit weight 0.36kg / 0.8lb

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 99mm x 99mm x 70mm /

3.9in x 3.9in x 2.7

5in

Single pack weight 0.35kg / 0.77lb

Multi pack qty

24 Multi pack size W x D x H 360mm x 220mm x 170m

m / 14.2in x 8.7in x

6.7in

Multi pack weight 9kg / 19.8lb

