

# **Compression Drivers / Ferrite**

## **CDX1-1440**



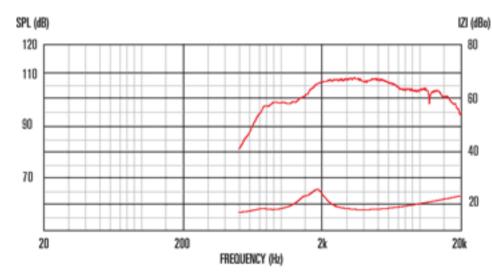


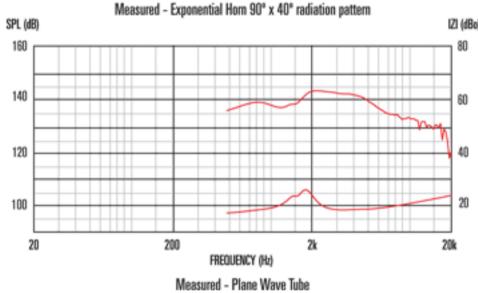


## Features

- 1.0" exit, lightweight and compact ferrite magnet compression driver with 1.4" copper clad aluminium voice coil
- 25Wrms (AES standard) power handling and 106dB sensitivity
- Application of Titanium diaphragm increases stiffness and hence reduces distortion
- Finite Element Analysis (FEA) techniques used to optimise both magnetic and acoustic design
- Suitable for 2-way and 3-way systems

#### 8 Frequency Response





- Tested for two hours on plane wave tube using continuous band-limited pink noise as per AES standard.
   Power calculated on minimum impedance.
- 2. Measured on axis at 1W/1m, using typical horn, in 2 anechoic environment.

### **General Specifications**

Power rating <sup>1</sup> 25Wrms Nominal impedance 8 Frequency range 1500Hz-20kHz Sensitivity 2 106dB Recommended min. crossover (12dB/oct) 2200Hz 35mm/1.4in Voice coil diameter Voice coil material Copper clad aluminium Magnet type **Ferrite** Diaphragm material **Titanium** Surround material **Titanium** 

## **Mounting Information**

Overall width 90mm/3.54in

Overall depth 46.5mm/1.83in

Fitting Flange (4 x M6 holes on 76mm

/3in PCD)

Throat exit 25mm/1in

Unit weight 1kg/2.2lb

## **Packed Dimensions & Weight**

Multi pack (16) size W x D x H 495mm x 495mm x 90mm /19.5in x 19.5in x 3.5in

Multi pack (16) weight 17kg/37.4lb

