

CDX1-1415

Neodymium magnet compression driver

General Specifications

Power rating ¹	20Wrms
Nominal impedance.....	8Ω
Sensitivity ²	104dB
Frequency range.....	2000-20,000Hz
Recommended min. crossover (12dB/oct).....	2500Hz
Voice coil diameter.....	35mm/1.4in
Voice coil material.....	Copper clad aluminium
Magnet type.....	Neodymium
Diaphragm material.....	Aluminium
Surround material.....	Elastomer

Mounting Information

Width.....	90mm/3.5in
Depth.....	57mm/2.2in
Weight.....	0.25kg/0.6lb
Fitting.....	Flange (2 x M6 holes on 76mm/3.0in PCD)
Throat exit.....	25.4mm/1in

Packed Dimensions & Weight

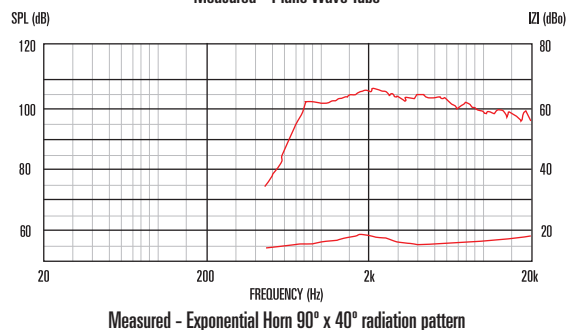
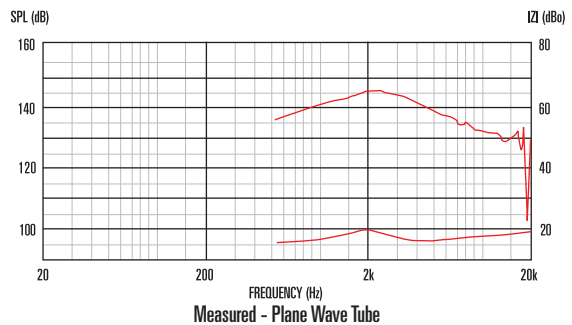
Single pack size W x D x H.....	90mm x 90mm x 60mm
.....	3.5in x 3.5in x 2.4in
Single pack weight.....	0.5kg/1.1lb
Multi pack (24) size W x D x H.....	250mm x 350mm x 290mm
.....	9.8in x 13.8in x 11.4in
Multi pack (24) weight.....	7kg/15lb



Features

- 1" exit neodymium compression driver with 1.4" copper clad aluminium voice coil
- 20Wrms power handling (AES standard) and 104dB sensitivity
- Copper sleeve on pole reduces inductive rise for improved HF performance
- Ferrofluid in magnet gap prevents sensitivity loss through thermal compression
- Aluminium diaphragm combined with elastomer surround delivers lower distortion performance
- Compact pot magnet design reduces weight and minimises stray flux
- Suitable for 2-way and 3-way systems

Frequency Response and Impedance Curves



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

