

# **Compression Drivers / Neo**

### CDX1-1430



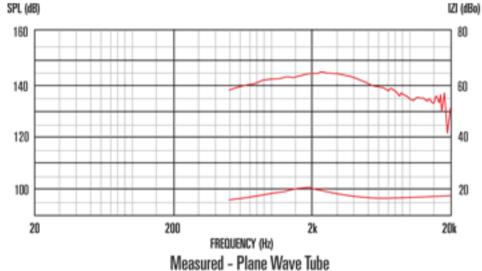


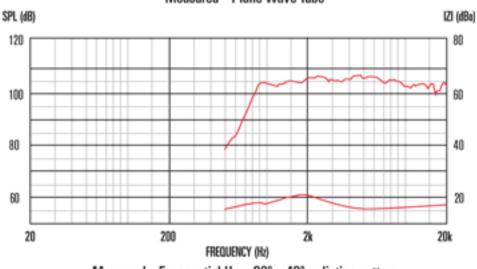


#### Features

- 1" exit neodymium compression driver with 1.4" copper clad aluminium voice coil
- 50Wrms power handling (AES standard) and 108dB 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 lowerdistortion performance
- Finite Element Analysis (FEA) used to optimise both magnet and acoustic design
- Screw mounting adaptor available

#### 8 Frequency Response





Measured - Exponential Horn 90° x 40° radiation pattern

- 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 anechoic environment.

### **General Specifications**

Power rating <sup>1</sup>	50Wrms
Nominal impedance	8
Frequency range	2000-20,000Hz
Sensitivity <sup>2</sup>	108dB
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**

Overall width	90mm/3.5ir
Overall depth	58mm/2.3ir
Fitting	Flange (2 x M6 holes on 76mm
	3.0in PCD)
Throat exit	25.4mm/1ir
Unit weight	0.47kg/1.0lb

### **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	0.6kg/1.3lb
Multi pack (24) size W x D x H	345mmx370mmx245mm
	/13.6in x 14.6in x 9.6in

Multi pack (24) weight 12.5kg/28lb

