

# CDX1-1446

Ferrite magnet compression driver

## General Specifications

Power rating <sup>1</sup> .....	20Wrms
Nominal impedance .....	8Ω
Frequency range .....	1500-20,000Hz
Sensitivity <sup>2</sup> .....	106dB
Recommended min. crossover (12dB/oct) .....	2200Hz
Voice coil diameter .....	35mm/1.4in
Voice coil material .....	Round Copper Coated Aluminium
Magnet type .....	Ferrite
Diaphragm and surround material .....	PETP film

## Mounting Information

Width .....	90mm/3.54in
Depth .....	69mm/2.71in
Weight .....	1.1kg/3.1lb
Fitting .....	Screw (35mm/1.38in diameter)
Throat exit .....	25.4mm/1.0in

## Packed Dimensions & Weight

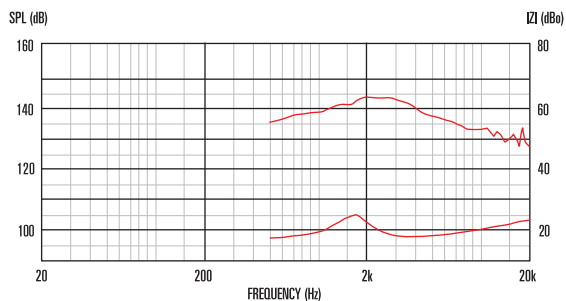
Single pack size W x D x H .....	110mm x 98mm x 81mm
.....	4.3in x 3.9in x 3.2in
Single pack weight .....	1.5kg/3.3lb
Multi pack (16) size W x D x H .....	480mm x 480mm x 80mm
.....	18.9in x 18.9in x 3.15in
Multi pack (16) weight .....	19kg/42lb



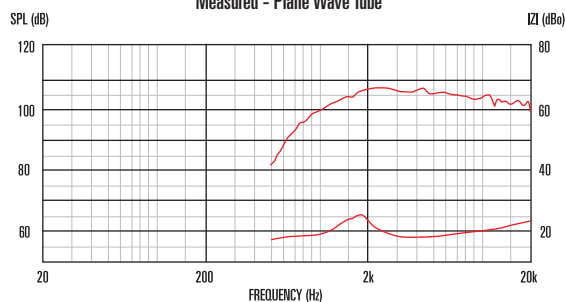
## Features

- 1" exit lightweight and compact ferrite magnet compression driver with 1.4" copper clad aluminium voice coil
- 20Wrms power handling (AES standard) and 106dB sensitivity
- 35mm/1.38in screw attachment
- One piece PETP diaphragm and surround
- Finite Element Analysis (FEA) techniques used to optimise both magnetic and acoustic design
- Suitable for 2-way and 3-way systems

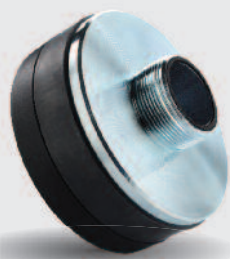
## Frequency Response and Impedance Curves



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.  
2. Measured on axis at 1W, 1m in 2x anechoic environment.