



CDX1-1445

Ferrite magnet compression driver

General Specifications

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

Mounting Information

Width.....	90mm/3.54in
Depth.....	46.5mm/1.83in
Weight.....	1kg/2.2lb
Fitting.....	Flange (4 x M6 holes on 76mm/3in PCD)
Throat exit.....	25mm/1in

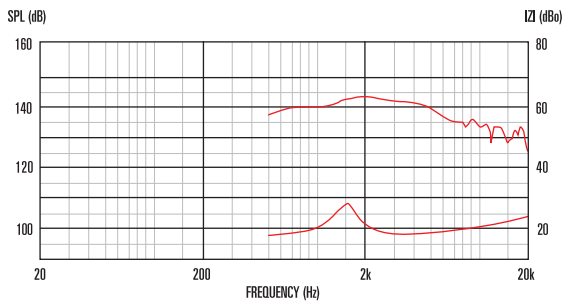
Packed Dimensions & Weight

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.....	495mm x 495mm x 90mm
.....	/19.5in x 19.5in x 3.5in
Multi pack (16) weight.....	17kg/37.4lb

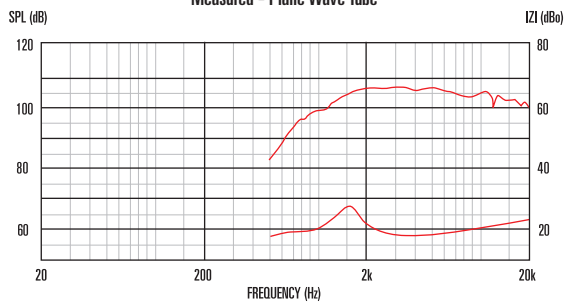
Features

- 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
- One piece PETP diaphragm and surround
- Finite Element Analysis (FEA) used to optimise both magnet 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 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 2π anechoic environment.

