

## Compression Drivers / Ferrite

Loudspeaker type

Size

Preliminary Data

SELECT

### CDX1-1446



- 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

#### General Specifications

Power rating <sup>1</sup>	20Wrms
Continuous power rating <sup>2</sup>	40W
Nominal impedance	8Ω
Frequency range	1500-20000
Sensitivity <sup>3</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 material	PETP film
Surround material	PETP film

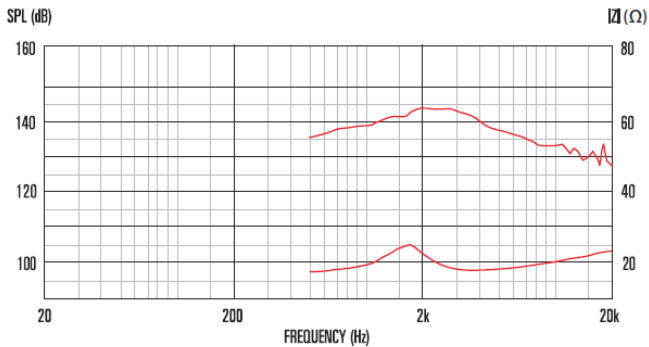
#### Mounting Information

Width	90.0mm/3.54in
Depth	69mm/2.71in
Weight	1.1kg
Fitting	Screw (35mm, 1.38in diameter)
Throat exit	25.4mm/1.0in

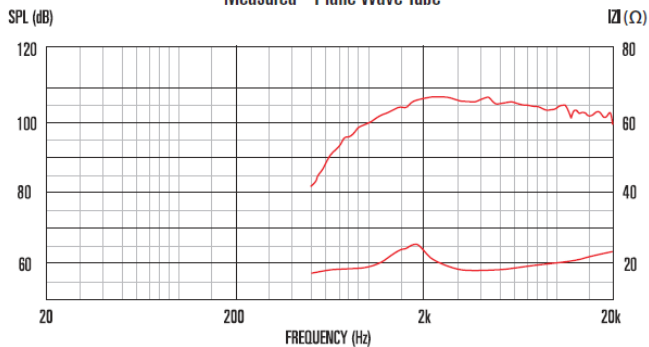
#### Packed Dimensions & Weight

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 size W x D x H	480mm x 480mm x 80mm /18.9in x 18.9in x 3.15in
Multi pack weight	19kg/42lb

#### 8Ω Frequency Response



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

1. Tested for two hours on plane wave tube using continuous band-limited pink noise as per AES standard. Power calculated on minimum impedance.
2. Continuous Power Handling is defined as 3dB greater than the AES rating.
3. Measured on axis at 1W/1m, using typical horn, in 2π anechoic environment.

