# CELESTION **Compression Drivers / Ferrite**

## **CDX1-1445**



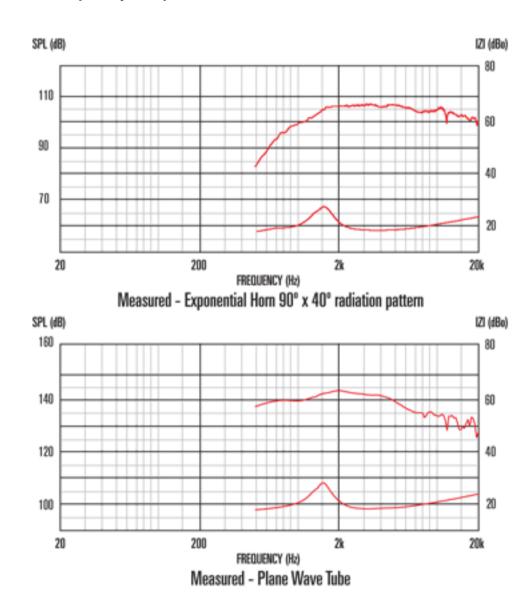




### **Features**

- 1" exit lightweight and compact ferrite magnet compression driver with1.4" copper clad aluminium voice coil
- 20Wrms power handling (AES standard) and 106dB sensitivity
- 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** 8



## **General Specifications**

Power rating	20Wrms
Nominal impedance	8/16
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	Copper clad aluminium
Magnet type	Ferrite
Diaphragm material	PETP film
Surround material	PETP film

## **Mounting Information**

Overall width	90mm/3.54in
Overall depth	52mm/2.05in
Fitting	Flange (4 x M6 holes on 76mm
	/3in PCD)
Throat exit	25mm/1in
Unit weight	1kg/2.2lb

## **Packed Dimensions & Weight**

Multi pack (8) size W x D x H	500mm x 485mm x 110mm
	/19.7in x 19.1in x 4.3in
Multi pack (8) weight	8.8kg/19.4lb

- 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 anechoic environment.



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