## **CELESTION**

# **HF Compression Drivers** CDX1-1445



### 1-inch exit ferrite magnet compression driver

- Single piece PETP diaphragm and surround
- Integrated diaphragm and rear cover for ease of replacement
- 2,200Hz recommended min. crossover freq (12dB/oct)
- Bolt fitting

**40W** Continuous

106dB sensitivity

1.4in Copper clad aluminium coil

voice

#### **General Specifications**

20W Power Rating Continuous power rating 40W Rated impedance 8 ohm Sensitivity 106dB 1500-20,000Hz Frequency range Recommended min. crossover (12 2200Hz

dB/oct)

Magnet type Ferrite Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminium

Diaphragm material PETP film Surround material PETP film Additional impedances 16 ohm

#### **Mounting Information**

90mm / 3.5in 52mm / 2.1in Depth Fitting Bolt (4 x M6 holes on 76mm/3in PCD)

Screw version CDX1-1446 Throat exit 25mm / 1in Unit weight 1.0kg / 2.2lb

#### **Packed Dimensions & Weight**

Single pack size W x D x H 110mm x 98mm x 81mm / x x

4.3in 3.9in 3.2in Single pack weight 1.5kg / 3.3lb Multi pack qty 16

Multi pack size W x D x H 495mm x 495mm x 90mm / x

19.5in 19.5in x 3.5in

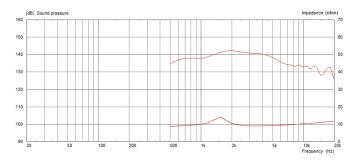
Multi pack weight 17kg / 37.4lb

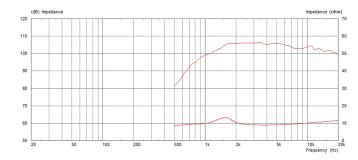
#### Horns and repair kits

T5549 Diaphragm repair kit 8 ohm T5557 Diaphragm repair kit 16 ohm H19040P Horn T5359

H17050 No Bell Horn T5134

#### **Frequency Response and Impedance Curves**





Power rating: Tested for two hours on plane wave tube using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m, using typical horn, in 2 pi anechoic environment.

