### **CELESTION**

## **HF Compression Drivers** CDX1-1415



# 1-inch exit neodymium magnet compression

- Aluminium diaphragm with elastomer surround
- Copper inductance sleeve for improved HF performance
- 2,500Hz recommended min. crossover freq (12dB/oct)

**40W** Continuous power rating 104dB sensitivity

1.4in Copper clad aluminium coil voice

#### **General Specifications**

Power Rating 20W 40W Continuous power rating Rated impedance 8 ohm 104dB Frequency range 2000-20,000Hz 2500Hz

Recommended min. crossover (12

dB/oct)

Magnet type Neodymium Voice coil diameter 35mm / 1.4in

Copper clad aluminium Voice coil material

Diaphragm material Aluminium Surround material Elastomer

#### **Mounting Information**

Width 90mm / 3.5in Depth 57mm / 2.2in Fitting Bolt (2 x M6 holes on 76mm/3.0in PCD) Throat exit 25mm / 1in Unit weight 0.25kg / 0.6lb

#### Packed Dimensions & Weight

Single pack size W x D x H 90mm x 90mm x 60mm / x x

3.5in 3.5in 2.4in 0.5kg / 1.1lb

Single pack weight Multi pack qty

Multi pack size W x D x H 250mm x 350mm x 290mm / x

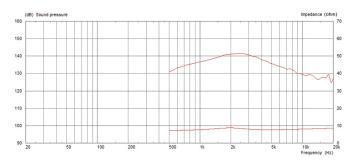
9.8in 13.8in x 11.4in

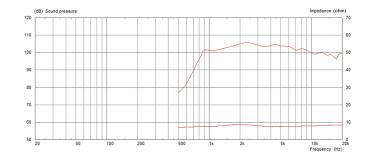
Multi pack weight 7kg / 14.5lb

#### Horns and repair kits

Diaphragm repair kit 8 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

Impedance.

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.

