CELESTION

HF Compression Drivers CDX1-1440



1-inch exit ferrite magnet compression driver

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

50W Continuous power rating 106dB sensitivity

1.4in Copper clad aluminium coil voice

General Specifications

25W Power Rating 50W Continuous power rating Rated impedance 8 ohm Sensitivity 106dB 1500-20,000Hz Frequency range 2200Hz

Recommended min. crossover (12

dB/oct)

Magnet type Ferrite Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminium

Diaphragm material Titanium Surround material Titanium

Mounting Information

Width 90mm / 3.5in Depth 46.5mm / 1.8in Fitting Bolt (4 x M6 holes on 76mm/3in PCD) Throat exit 25mm / 1in Unit weight 1.0kg / 2.2lb

Packed Dimensions & Weight

Multi pack qty

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

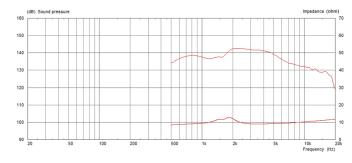
19.5in 19.5in x 3.5in 17kg / 37.4lb

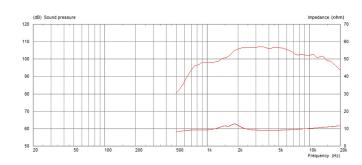
Multi pack weight

Horns and repair kits

T5580 Diaphragm repair kit 8 ohm T5359 H19040P Horn T5134 H17050 No Bell Horn

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.

