CELESTION

HF Compression Drivers CDX1-1740



1-inch exit ferrite magnet compression driver

- Maximum modal suppression phase plug for ultra low noise response
- Deep-drawn titanium diaphragm with polyimide surround
- 1,500Hz recommended min. crossover frequency (12dB/oct)

100W Continuous power rating 107dB sensitivity

Edgewound clad copper voice aluminium coil

General Specifications

Power Rating 50W 100W Continuous power rating Rated impedance 8 ohm 107dB Frequency range 800-20,000Hz 1500Hz

Recommended min. crossover (12

dB/oct)

Magnet type Ferrite Voice coil diameter 44mm / 1.75in

Voice coil material Edgewound copper clad aluminium

Diaphragm material Titanium Surround material Polyimide

Mounting Information

Width 120mm / 4.7in Depth 53mm / 2.1in Fitting Bolt (2/3 M6 holes on 76/57mm, 3.0/2.24in PCD)

Throat exit 25mm / 1in Unit weight 2.3kg / 5.1lb

Packed Dimensions & Weight

Multi pack qty

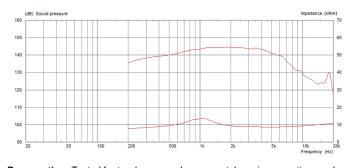
430mm x 370mm x 90mm / x Multi pack size W x D x H 16.9in 14.6in x 3.5in

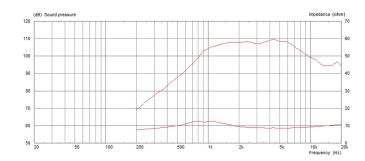
Multi pack weight 14kg / 30.8lb

Horns and repair kits

T5555 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.

