CELESTION

HF Compression Drivers

CDX1-1440

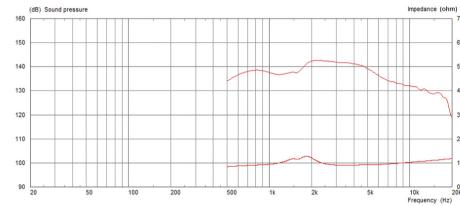




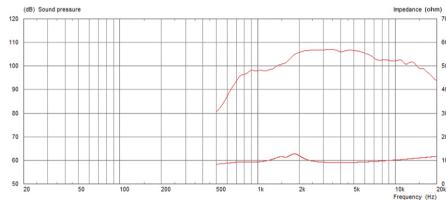


- · Single piece Titanium diaphragm and surround
- Integrated diaphragm and rear cover for ease of replacement
- 2,200Hz recommended min. crossover freq (12dB/oct)

Frequency Response and Impedance Curves



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

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

General Specifications

Power Rating 25W 50W Continuous power rating Rated impedance Ω 8 Sensitivity 106dB

1500-20,000Hz Frequency range 2200Hz

Recommended min. crossove

r (12dB/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 / 19.5in

x 19.5in x 3.5in

Multi pack weight 17kg / 37.4lb



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