# **CELESTION**

# **HF Compression Drivers**

## **CDX1-1412**

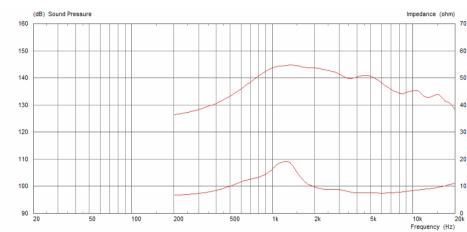




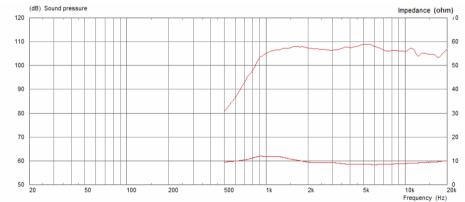


- · Very compact design for highly portable applications
- 2,000Hz recommended min. crossover freq (12dB/oct)
- · Single piece polyimide film diaphragm and surround

#### **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 anechoic environment.

### **General Specifications**

Power Rating 35W
Continuous power rating 70W
Rated impedance 8
Sensitivity 106dB

Frequency range 1500-20,000Hz

Recommended min. crossove

2000Hz

r (12dB/oct)

Magnet type Neodymium
Voice coil diameter 35mm / 1.4in

Voice coil material Copper clad aluminium

Diaphragm material Polyimide Surround material Polyimide

### **Mounting Information**

Width 60mm / 2.4in
Depth 34.5mm / 1.4in

Fitting Bolt (2x M5 holes on 52mm/2.05

in PCD)

Throat exit 25mm / 1in
Unit weight 0.36kg / 0.8lb

### **Packed Dimensions & Weight**

Single pack size W x D x 99mm x 99mm x 70mm / 3.9in x 3

H .9in x 2.75in

Single pack weight 0.35kg / 0.77lb

Multi pack qty 24

Multi pack size W x D x H 360mm x 220mm x 170mm / 14.2in

x 8.7in x 6.7in

Multi pack weight 9kg / 19.8lb



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