CELESTION

HF Compression Drivers CDX1-1748



1-inch exit ferrite magnet compression driver

- 1,600Hz recommended min. crossover freq (12dB/oct)
- Single piece polyimide diaphragm and surround
- Sound Castle soft clamping diaphragm assembly
- Screw fitting

120W Continuous

power rating

110dB sensitivity

1.75in Edgewound clad

copper voice aluminium coil

General Specifications

60W Power Rating Continuous power rating 120W Rated impedance 8 ohm Sensitivity 110dB 1000-20,000Hz Frequency range Recommended min. crossover (12 1600Hz

dB/oct)

Magnet type

Ferrite Voice coil diameter 44mm / 1.75in

Voice coil material Edgewound copper clad

aluminium Diaphragm material Polyimide Surround material Polyimide

Mounting Information

120mm / 4.7in 53mm / 2.1in Depth Fitting Screw (35mm/1.38in

diameter)

Bolt version CDX1-1747 Throat exit 25mm / 1in Unit weight 2.3kg / 5.1lb

Packed Dimensions & Weight

Single pack size W x D x H 140mm x 170mm x 70mm / x

5.5in 6.7in x 2.8in 3kg / 6.6lb

Single pack weight Multi pack qty

Multi pack size W x D x H 430mm x 370mm x 90mm / x

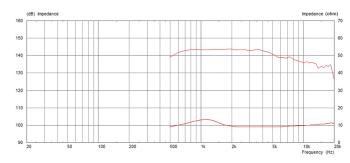
16.9in 14.6in x 3.5in

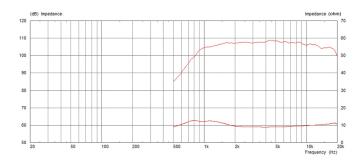
Multi pack weight 14kg / 30.8lb

Horns and repair kits

T5572 Diaphragm repair kit 8 ohm T5359 H19040P Horn 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

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.

