CELESTION

HF Compression Drivers

CDX1-1430





- 2,500Hz recommended min. crossover freq (12dB/oct)
- Aluminium diaphragm with elastomer surround
- Copper Inductance sleeve for improved HF performance

Frequency Response and Impedance curves





General Specifications

Power Rating	50W
Continuous power rating	100W
Rated impedance	8
Sensitivity	108dB
Frequency range	2000-20,000Hz
Recommended min. crossove	2500Hz
r (12dB/oct)	
Magnet type	Neodymium
Voice coil diameter	35mm / 1.4in
Voice coil material	Copper clad aluminium
Diaphragm material	Aluminium
Surround material	Elastomer

Mounting Information

Width	90mm / 3.5in
Depth	58mm / 2.3in
Fitting	Bolt (2 x M6 holes on 76mm/3.0
	in PCD)
Throat exit	25mm / 1in
Unit weight	0.47kg / 1.0lb

Packed Dimensions & Weight

Single pack size W x D x	90mm x 90mm x 60mm / 3.5in x 3
H	.5in x 2.4in
Single pack weight	0.6kg / 1.3lb
Multi pack qty	24

24 345mm x 370mm x 245mm / 13.6in x 14.6in x 9.6in 12.5kg / 28lb

Multi pack weight

Multi pack size W x D x H

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.

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