

CELESTION

HF Compression Drivers

CDX1-1425



1-inch exit neodymium magnet compression driver

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

50W

Continuous power rating

108dB

sensitivity

1.4in

Copper clad aluminium coil voice

General Specifications

Power Rating	25W
Continuous power rating	50W
Rated impedance	8 ohm
Sensitivity	108dB
Frequency range	2000-20,000Hz
Recommended min. crossover (12 dB/oct)	2500Hz
Magnet type	Neodymium
Voice coil diameter	35mm / 1.4in
Voice coil material	Copper clad aluminium
Diaphragm material	Aluminium
Surround material	Elastomer
Additional impedances	16 ohm

Mounting Information

Width	90mm / 3.5in
Depth	58mm / 2.3in
Fitting	Bolt (2 x M6 holes on 76mm/3.0in PCD)
Throat exit	25mm / 1in
Unit weight	0.39kg / 0.9lb

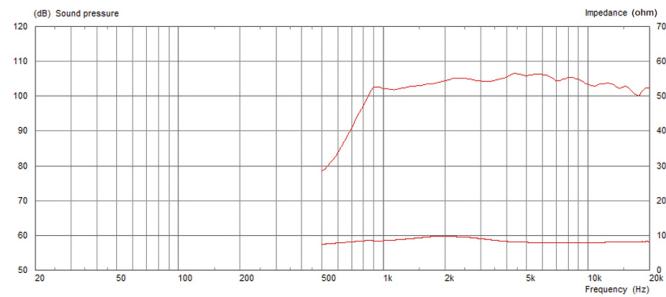
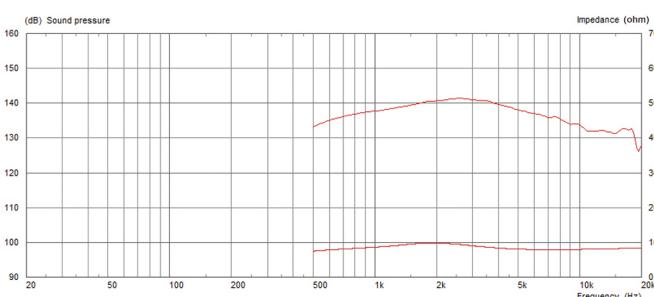
Packed Dimensions & Weight

Single pack size W x D x H	90mm x 90mm x 60mm / x x
	3.5in 3.5in 2.4in
Single pack weight	0.5kg / 1.1lb
Multi pack qty	24
Multi pack size W x D x H	250mm x 350mm x 290mm / x
	9.8in 13.8in x 11.4in
Multi pack weight	10kg / 22lb

Horns and repair kits

T5503	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 impedance.

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.

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