

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)

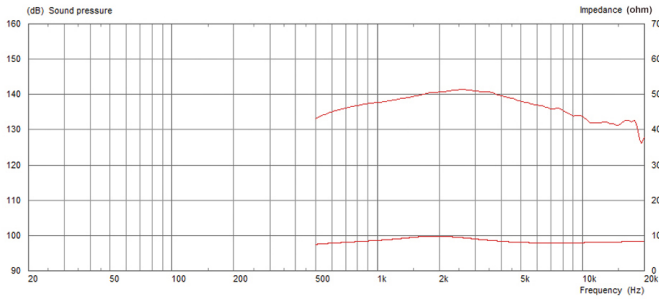
General Specifications

Power Rating	25W
Continuous power rating	50W
Rated impedance	8 Ω
Sensitivity	108dB
Frequency range	2000-20,000Hz
Recommended min. crossover (12dB/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

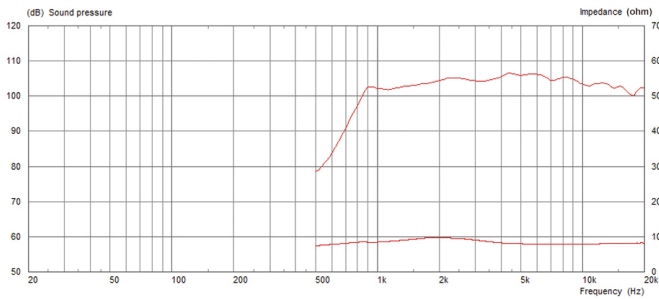
Mounting Information

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

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.

Packed Dimensions & Weight

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

Horns and repair kits

T5503	Diaphragm repair kit 8 Ω
T5359	H19040P Horn
T5134	H17050 No Bell Horn