

HF Compression Drivers

CDX1-1412

1-inch exit neodymium magnet compression driver



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

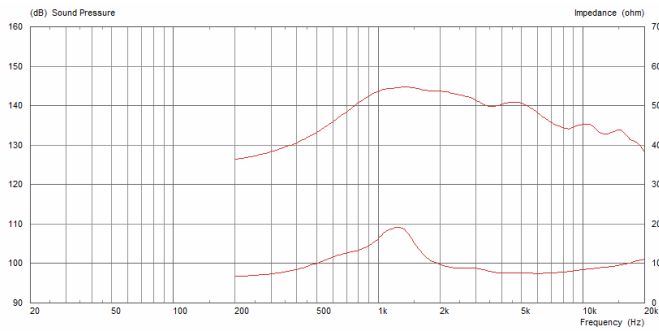
General Specifications

Power Rating	35W
Continuous power rating	70W
Rated impedance	8 Ω
Sensitivity	106dB
Frequency range	1500-20,000Hz
Recommended min. crossover (12dB/oct)	2000Hz
Magnet type	Neodymium
Voice coil diameter	35mm / 1.4in
Voice coil material	Copper clad aluminium
Diaphragm material	Polyimide
Surround material	Polyimide
Additional impedances	16

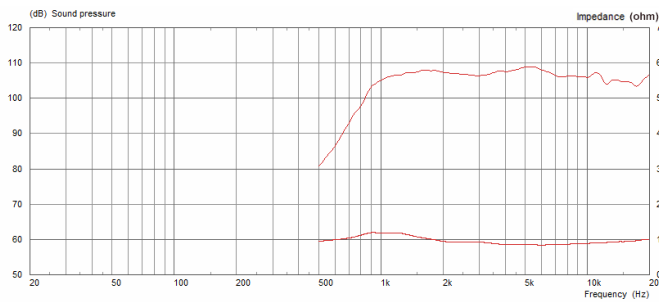
Mounting Information

Width	60mm / 2.4in
Depth	34.5mm / 1.4in
Fitting	Bolt (2x M5 holes on 52mm/2.05in PCD)
Throat exit	25mm / 1in
Unit weight	0.36kg / 0.8lb

Frequency Response and Impedance Curves



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

Packed Dimensions & Weight

Single pack size W x D x H	99mm x 99mm x 70mm / 3.9in x 3.9in x 2.7 5in
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

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.