

HF Compression Drivers

CDX14-3055

1.4-inch exit neodymium magnet compression driver



- Maximum modal suppression phase plug
- Deep-drawn titanium diaphragm with polyimide surround
- Sound Castle soft clamping diaphragm assembly

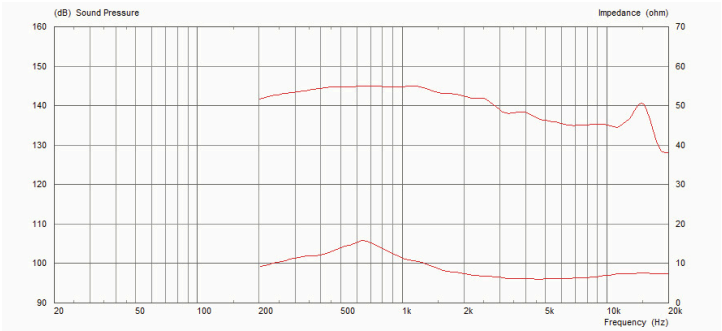
General Specifications

Power Rating	120W
Continuous power rating	240W
Rated impedance	8 Ω
Sensitivity	108dB
Frequency range	500-20,000Hz
Recommended min. crossover (12dB/oct)	800Hz
Magnet type	Neodymium
Voice coil diameter	75mm / 3in
Voice coil material	Edgewound copper clad aluminium
Diaphragm material	Titanium
Surround material	Polyimide

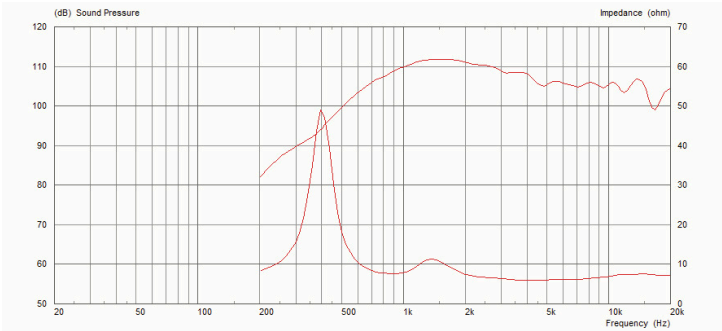
Mounting Information

Width	120mm / 4.7in
Depth	55mm / 2.2in
Fitting	Bolt (4 x M6 holes on 102mm/4in PCD)
Throat exit	35mm / 1.4in
Unit weight	1.7kg / 3.7lb

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	170mm x 140mm x 75mm / 6.7in x 5.5in x 3 in
Single pack weight	2kg / 4.4lb

