

## HF Compression Drivers

### CDX1-1720

1-inch exit neodymium magnet compression driver



- Maximum modal suppression phase plug
- Deep-drawn titanium diaphragm with polyimide surround
- 1,500Hz recommended min. crossover freq (12dB/oct)

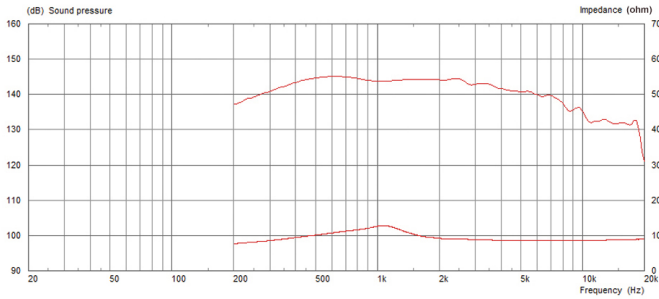
### General Specifications

Power Rating	50W
Continuous power rating	100W
Rated impedance	8 $\Omega$
Sensitivity	107dB
Frequency range	800-20,000Hz
Recommended min. crossover	1500Hz
(12dB/oct)	
Magnet type	Neodymium
Voice coil diameter	44mm / 1.75in
Voice coil material	Edgewound copper clad aluminium
Diaphragm material	Titanium
Surround material	Polyimide

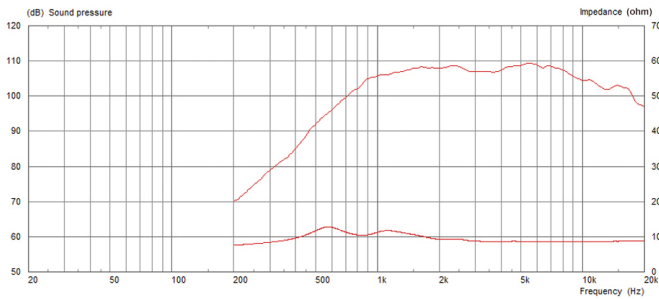
### Mounting Information

Width	88.5mm / 3.5in
Depth	55mm / 2.2in
Fitting	Bolt (4 x M6 holes on 76mm/3in PCD)
Throat exit	25mm / 1in
Unit weight	0.65kg / 1.4lb

## 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	0.75kg / 1.7lb
Multi pack qty	16
Multi pack size W x D x H	500mm x 485mm x 110mm / 19.7in x 19.1in x 4.3in
Multi pack weight	11.2kg / 24.9lb

## Horns and repair kits

T5555	Diaphragm repair kit 8 Ω
T5359	H19040P Horn
T5134	H17050 No Bell Horn