

HF Compression Drivers

CDX1-1740

1-inch exit ferrite 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 Ω
Sensitivity	107dB
Frequency range	800-20,000Hz
Recommended min. crossover	1500Hz
(12dB/oct)	
Magnet type	Ferrite
Voice coil diameter	44mm / 1.75in
Voice coil material	Edgewound copper clad aluminium
Diaphragm material	Titanium
Surround material	Polyimide

Mounting Information

Width	120mm / 4.7in
Depth	53mm / 2.1in
Fitting	Bolt (2/3 M6 holes on 76/57mm, 3.0/2.24in PCD)
Throat exit	25mm / 1in
Unit weight	2.3kg / 5.1lb

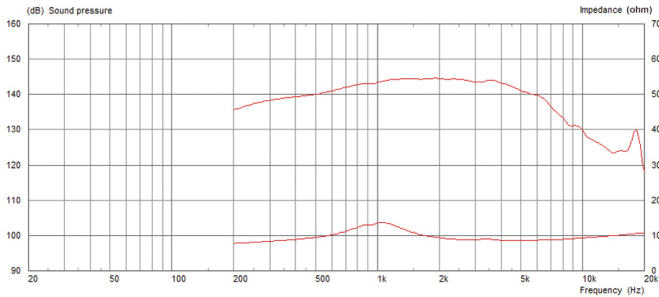
Frequency Response and Impedance Curves

Packed Dimensions & Weight

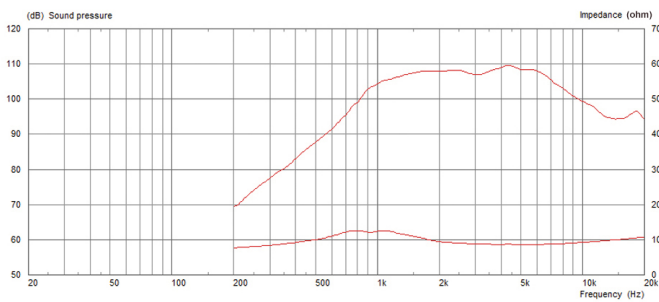
Multi pack qty	6
Multi pack size W x D x H	430mm x 370mm x 90mm / 16.9in x 14.6in x 3.5in
Multi pack weight	14kg / 30.8lb

Horns and repair kits

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



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.

