

HF Compression Drivers

CDX1-1742

1-inch exit ferrite magnet compression driver







- Single piece polyimide diaphragm and surround
- Next generation Sound Castle soft clamping diaphragm assembly
- 2,000Hz recommended min. crossover freq (12dB/oct)

General Specifications

Power Rating 50W
Continuous power rating 100W
Rated impedance 8&ohm
Sensitivity 107dB

Frequency range 1200-20,000Hz

Recommended min. crossover 2000Hz

(12dB/oct)

Magnet type Ferrite

Voice coil diameter 44mm / 1.75in

Voice coil material Edgewound copper cla

d aluminium

Diaphragm material Polyimide Surround material Polyimide

Mounting Information

 Width
 100mm / 4.0in

 Depth
 53.5mm / 2.1in

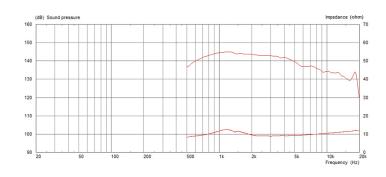
 Fitting
 Bolt (2/3 M6 holes o

n 76/57mm, 3.0/2.24i

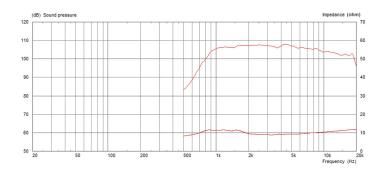
n PCD)

Throat exit 25mm / 1in Unit weight 1.4kg / 3.1lb

Frequency and 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 140mm x 170mm x 70mm

/ 5.5in x 6.7in x 2

.8in

Single pack weight 2kg / 4.4lb

Multi pack qty 16

Multi pack size W x D x H 495mm x 495mm x 90mm

/ 19.5in x 19.5in x

3.5in

Multi pack weight 26kg / 57.2lb

Horns and repair kits

T5572 Diaphragm repair kit 8&oh
T5359 H19040P Horn m
T5134 H17050 No Bell Horn

