

HF Compression Drivers

CDX1-1731

1-inch exit neodymium magnet compression driver







- 2,200Hz recommended min. crossover freq (12dB/oct)
- Single piece PETP film diaphragm and surround
- Sound Castle diaphragm assembly
- Screw fitting

General Specifications

 $\begin{array}{ll} \mbox{Power Rating} & \mbox{40W} \\ \mbox{Continuous power rating} & \mbox{80W} \\ \mbox{Rated impedance} & \mbox{8}\,\Omega \\ \mbox{Sensitivity} & \mbox{110dB} \end{array}$

Frequency range 1200-20,000Hz

Recommended min. crossover 2200Hz

(12dB/oct)

Magnet type Neodymium
Voice coil diameter 44mm / 1.75in

Voice coil material Edgewound copper cla

d aluminium

Diaphragm material PETP film Surround material PETP film

Additional impedances 16

Mounting Information

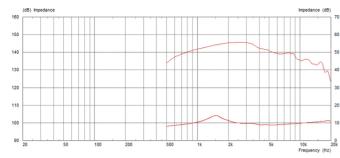
Width 88.5mm / 3.48in Depth 55mm / 2.2in

Fitting Screw (35mm/1.38in d

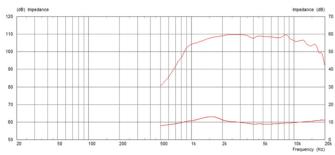
iameter)

Bolt version CDX1-1730
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

16

Single pack weight 0.75kg / 1.7lb

Multi pack qty

Multi pack size W x D x H 500mm x 485mm x 110m

m / 19.7in x 19.1in

x 4.3in

Multi pack weight 11.2kg / 24.9lb

Horns and repair kits

T5510	Diaphragm repair kit 8Ω
T5523	Diaphragm repair kit 16Ω
T5359	H19040P Horn
T5134	H17050 No Bell Horn

