

HF Compression Drivers

CDX1-1745

1-inch exit ferrite magnet compression driver







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

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
 120mm / 4.7in

 Depth
 56mm / 2.2in

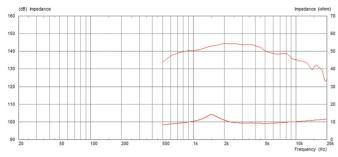
Fitting Bolt (2/3 M6 holes o

n 76/57mm, 3.0/2.24i

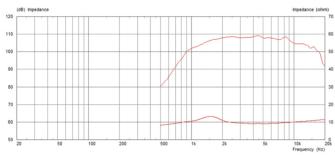
n PCD)

Screw version CDX1-1746
Throat exit 25mm / 1in
Unit weight 2.3kg / 5.1lb

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 140mm x 170mm x 70mm

/ 5.5in x 6.7in x 2

.8in

6

Single pack weight 3kg / 6.6lb

Multi pack qty

Multi pack size W x D x H 430mm x 370mm x 90mm

/ 430in x 370in x 9

0in

Multi pack weight 14kg / 30.8lb

Horns and repair kits

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

