

HF Compression Drivers

CDX14-2420

1.4-inch exit neodymium magnet compression driver



- Maximum modal suppression phase plug
- Deep-drawn titanium diaphragm with polyimide surround
- 1,200Hz recommended min. crossover freq (12dB/oct)

General Specifications

 $\begin{array}{lll} \mbox{Power Rating} & 70\mbox{W} \\ \mbox{Continuous power rating} & 140\mbox{W} \\ \mbox{Rated impedance} & 8\,\Omega \\ \mbox{Sensitivity} & 106.5\mbox{dB} \\ \mbox{Frequency range} & 800-20,000\mbox{Hz} \\ \end{array}$

Recommended min. crossover 1200Hz

(12dB/oct)

Magnet type Neodymium Voice coil diameter 60mm / 2.4in

Voice coil material Edgewound copper cla

d aluminium

Diaphragm material Titanium Surround material Polyimide

Additional impedances 16

Mounting Information

 Width
 116mm / 4.6in

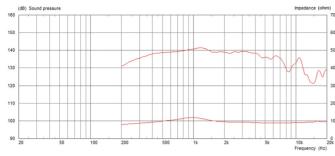
 Depth
 56mm / 2.2in

Fitting Bolt (4 x M6 holes o

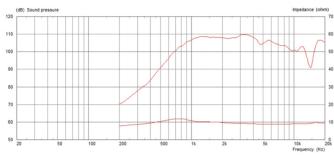
n 102mm/4in PCD)

Throat exit 36mm / 1.4in
Unit weight 1.5kg / 3.3lb

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 170mm x 140mm x 75mm

/ 6.7in x 5.5in x 3

.0in

6

Single pack weight 1.8kg / 3.9lb

Multi pack qty

Multi pack size W x D x H 500mm x 365mm x 90mm

/ 19.7in x 14.4in x

3.5in

Multi pack weight 11.5kg / 25.3lb

Repair kits

T6510 Diaphragm repair kit 8 Ω T5548 Diaphragm repair kit 16 Ω

