



CDX1-1746

Ferrite magnet compression driver

General Specifications

Power rating ¹	40Wrms
Nominal impedance.....	8Ω
Frequency range.....	1200-20,000Hz
Sensitivity ²	110dB
Recommended min. crossover (12dB/oct).....	2200Hz
Voice coil diameter.....	44mm/1.75in
Voice coil material.....	Edgewound copper clad aluminium
Magnet type.....	Ferrite
Diaphragm and surround material.....	PETP film

Mounting Information

Width.....	120mm/4.7in
Depth.....	56mm/2.2in
Weight.....	2.3kg/5.1lb
Fitting.....	Screw (35mm/1.38in dia)
Throat exit.....	25.4mm/1in

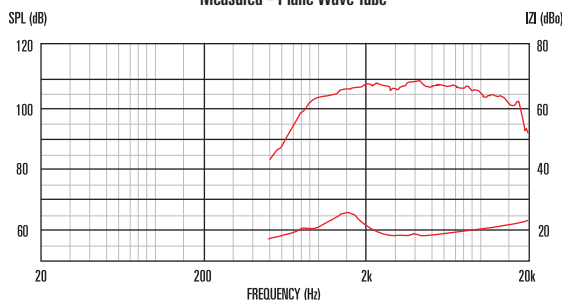
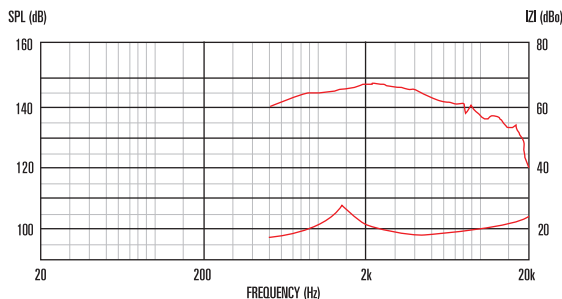
Packed Dimensions & Weight

Single pack size W x D x H.....	140mm x 170mm x 70mm
.....	/5.5in x 6.7in x 2.8in
Single pack weight.....	3kg/6.6lb
Multi pack (6) size W x D x H....	430mm x 370mm x 90mm
.....	/16.9in x 14.6in x 3.5in
Multi pack (6) weight.....	14kg/31lb

Features

- 1" exit, ferrite magnet compression driver with 1.75" edgewound copper clad aluminium voice coil
- 40Wrms power handling (AES standard) and 110dB sensitivity
- Sound Castle™ clamping ensures even pressure on diaphragm assembly for reduced distortion
- One piece PETP diaphragm and surround
- Finite Element Analysis (FEA) used to optimise both magnet assembly and acoustic design

Frequency Response and Impedance Curves



1. 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.
 2. Measured on axis at 1W, 1m, using typical horn, in 2x anechoic environment.

