

CDX1-1745

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 . Flange (2/3 M6 holes on 76/57mm, 3.0/2.24in PCD)	
Throat exit.....	25.4mm/1in

Packed Dimensions & Weight

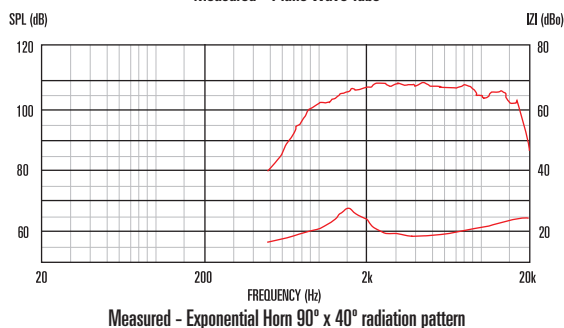
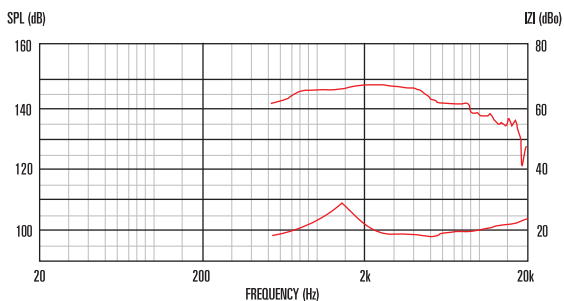
Single pack size W x D x H.....	140mm x 170mm x 70mm
.....	/5.5in x 6.7in x 2.8in
Single pack weight.....	3kg/6.6lb
Multi pack (6) size W x D x H.....	430mm x 370mm x 90mm
.....	/16.9in x 14.6in x 3.5in
Multi pack (6) weight.....	14kg/31lb



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 2π anechoic environment.

Also available in 16Ω, data available on request