

CDX1-1730

Neodymium magnet compression driver

General Specifications

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

Mounting Information

Maximum width	88.5mm/3.48in
Minimum width	82.0mm/3.23in
Depth	55mm/2.2in
Weight	0.65kg/1.4lb
Fitting	Flange (4 x M6 holes on 76mm/3in PCD)
Throat exit	25.4mm/1in

Packed Dimensions & Weight

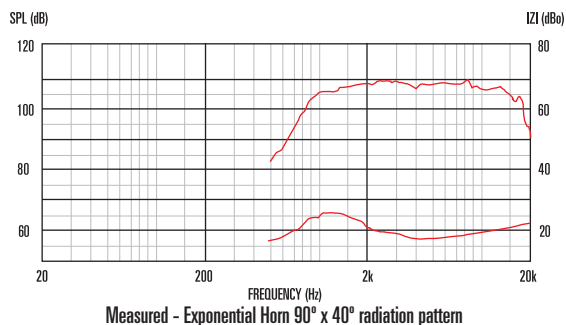
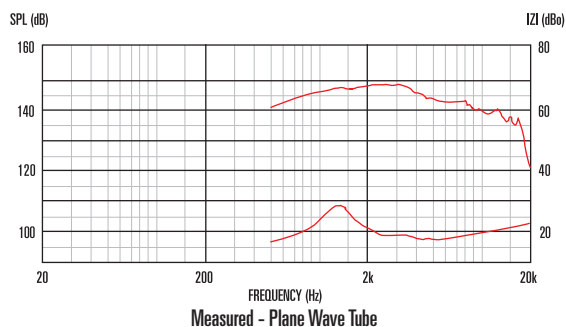
Single pack size W x D x H	90mm x 90mm x 60mm
.	3.5in x 3.5in x 2.4in
Single pack weight	0.75kg/1.7lb
Multi pack (16) size W x D x H	500mm x 485mm x 110mm
.	19.7in x 19.1in x 4.3in
Multi pack (16) weight	11.2kg/24.9lb



Features

- 1" exit, neodymium magnet compression driver with 1.75" edgewound copper clad aluminium voice coil
- 40Wrms (AES standard) power handling and 110dB sensitivity
- Designed with Sound Castle™ clamping to ensure uniform pressure on diaphragm assembly for reduced acoustic distortion
- One piece PETP film diaphragm and surround
- Advanced Finite Element Analysis (FEA) tools used to create a very light weight, high powered compression driver

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 2r anechoic environment.

Also available in 16Ω, data available on request

