



CDX1-1730

Neodymium magnet compression driver

General Specifications

Power rating ¹	75Wrms
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.....	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

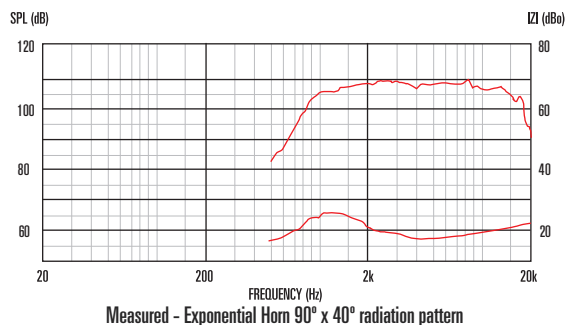
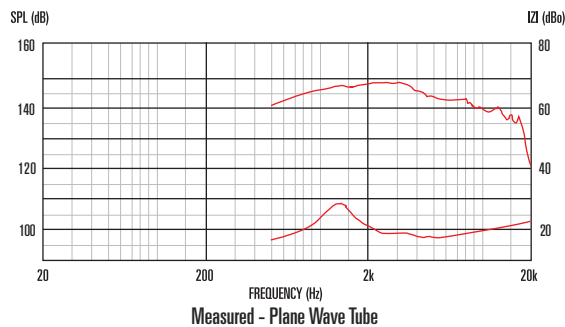
Packed Dimensions & Weight

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
- 75Wrms (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 2π anechoic environment.

