

CDX14-2420

Neodymium magnet compression driver



General Specifications

Power rating ¹	70Wrms
Nominal impedance	16Ω
Sensitivity ²	106.5dB
Frequency range.....	800-20,000Hz
Recommended min. crossover (12dB/oct)	1200Hz
Voice coil diameter	60mm/2.4in
Voice coil material	Edgewound copper clad aluminium
Magnet type	Neodymium
Diaphragm material	Titanium
Surround material	Polyimide

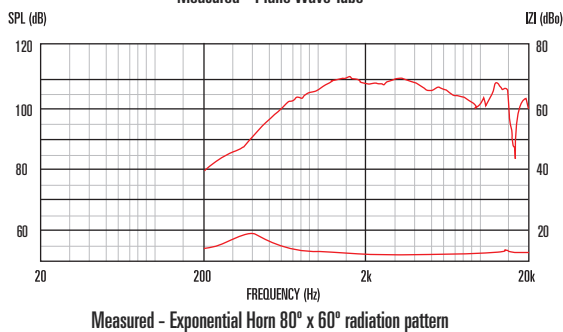
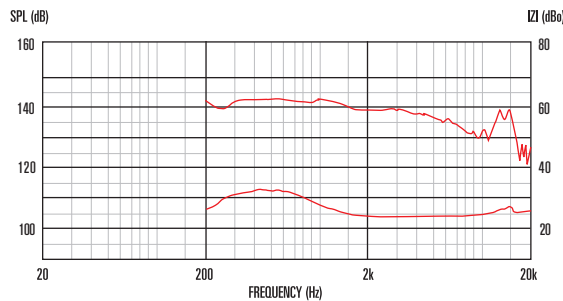
Mounting Information

Width	116mm/4.6in
Depth	56mm/2.2in
Weight	1.5kg/3.3lb
Fitting	Flange (4 x M6 holes on 102mm/4in PCD)
Throat exit	35.6mm/1.4in

Features

- 1.4" exit, neodymium magnet, 60mm (2.4") voice coil compression driver provides 70Wrms (AES standard) power handling and 106.5dB sensitivity
- Patented phase plug design method suppresses cavity resonances at higher frequencies
- Titanium diaphragm, deep drawn to increase stiffness and reduce distortion
- Lower compression ratio reduces air non-linearity and allows for higher maximum SPL
- Rolled polyimide surround improves stiffness control, further lowering distortion
- Curved coherent wavefront, optimised for horn loading

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.

