

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

Packed Dimensions & Weight

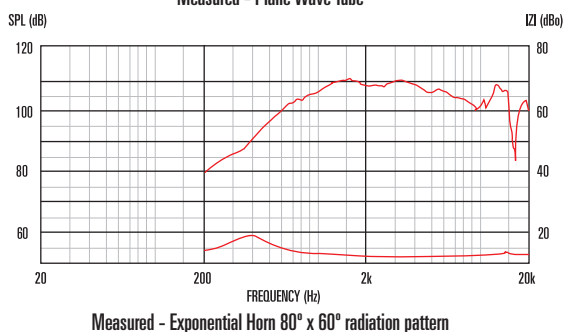
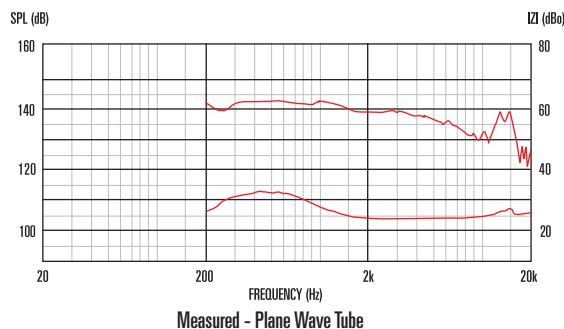
Single pack size W x D x H	172mm x 135mm x 69mm
.....	6.8in x 5.3in x 2.7in
Single pack weight	1.8kg/3.9lb
Multi pack (6) size W x D x H	500mm x 365mm x 90mm
.....	19.7in x 14.4in x 3.5in
Multi pack (6) weight	11.5 kg/25.3lb



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.

Also available in 8Ω, data available on request

