



CDX20-3000

Neodymium magnet compression driver

General Specifications

Power rating ¹	75Wrms
Nominal impedance.....	8Ω
Sensitivity ²	107dB
Frequency range.....	500-18,000Hz
Recommended min. crossover (12dB/oct).....	800Hz
Voice coil diameter.....	75mm/3in
Voice coil material.....	Edgewound copper clad aluminium
Magnet type.....	Neodymium
Diaphragm material.....	Titanium
Surround material.....	Polyimide

Mounting Information

Width.....	125mm/5.0in
Depth.....	94mm/3.7in
Weight.....	2.0kg/4.4lb
Fitting.....	Flange (4 x M6 holes on 102mm/4in PCD)
Throat exit.....	50.8mm/2in

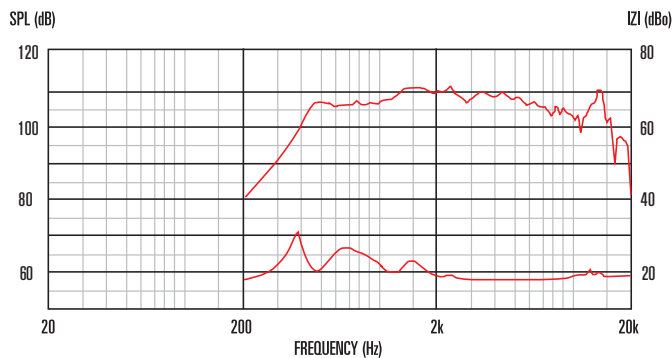
Packed Dimensions & Weight

Multi pack (6) size W x D x H.....	500mm x 365mm x 145mm
.....	19.7in x 14.4in x 5.7in
Multi pack (6) weight.....	13.5kg/29.7lb

Features

- 2" exit, neodymium magnet, 3" voice coil compression driver provides 75Wrms (AES standard) power handling and 107dB 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



Measured - Constant Directivity Horn 60° x 40° radiation pattern



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.