

CDX20-3075

Ferrite magnet compression driver

General Specifications

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

Mounting Information

Width	180mm/7.09in
Depth	71mm/2.8in
Weight	4.8kg/10.6lb
Fitting	Flange (4 x M6 holes on 102mm/4.02inch PCD)
Throat exit	50mm/2in

Packed Dimensions & Weight

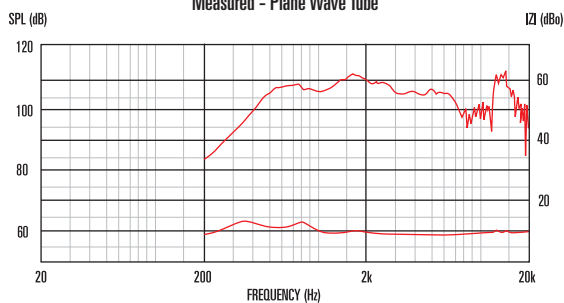
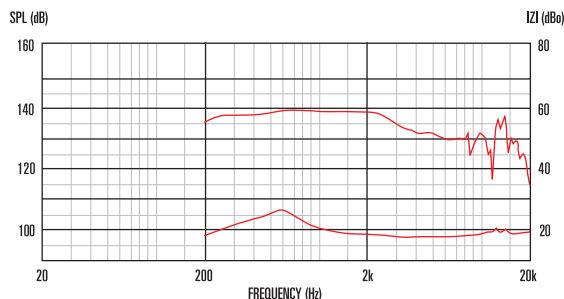
Single pack size W x D x H	214mm x 196mm x 82mm
.....	8.4in x 7.7in x 3.2in
Single pack weight	5.1kg/11.2lb



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



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.