



CDX1-1010/1020

Ferrite magnet compression driver

General Specifications

Power rating ¹	15Wrms
Nominal impedance	8Ω
Frequency range	1500-20,000Hz
Sensitivity ²	107dB
Recommended min. crossover (12dB/oct)	2200Hz
Voice coil diameter	25mm/1.0in
Voice coil material	Copper clad aluminium
Magnet type	Ferrite
Diaphragm and surround material	PETP film

Mounting Information

Width	90mm/3.54in
Depth CDX1-1010	52.8mm/2.08in
Depth CDX1-1020	51.7mm/2.04in
Weight CDX1-1010	0.83kg/1.8lb
Weight CDX1-1020	0.6kg/1.3lb
Fitting CDX1-1010	Screw (35mm/1.38in diameter)
Fitting CDX1-1020	Flange (4x5.5mm holes at 72mm/2.8in)
Throat exit	25mm/1.0in

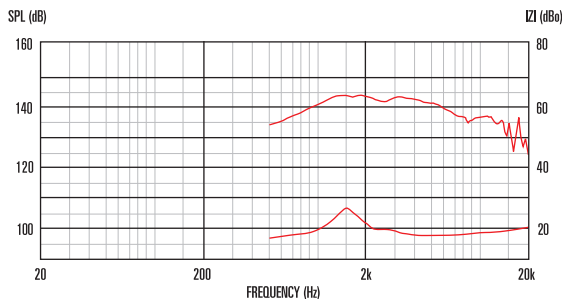
Packed Dimensions & Weight

Multi pack (16) size W x D x H ..	480mm x 480mm x 75mm
.....	18.9in x 18.9in x 2.95in
Multi pack (16) weight	15kg/33lb

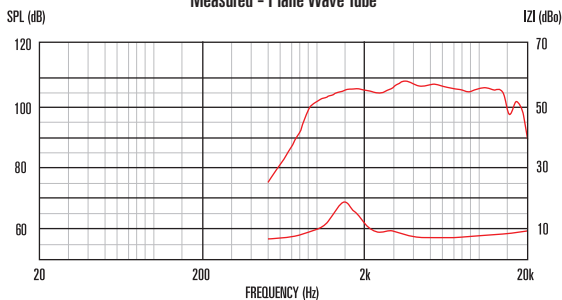
Features

- Very lightweight, low-profile ferrite magnet compression driver
- 15Wrms (AES standard) power handling and 107dB sensitivity, 1500-20,000Hz frequency range
- Finite Element Analysis (FEA) techniques used to optimise both magnetic and acoustic design
- Ideal for entry-level two-way and three-way sound reinforcement cabinets
- CDX1-1020 supplied with partial phase plug assembly (for applications where outer phase plug and horn form single moulding as part of front baffle)

Frequency Response and Impedance Curves



Measured - Plane Wave Tube

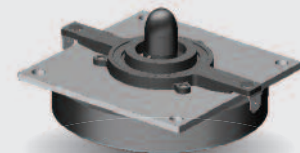


Measured - Exponential Horn 90° x 40° radiation pattern

1. Tested for two hours on plane wave tube using continuous band-limited pink noise as per AES standard. Power calculated on minimum impedance.
 2. Measured on axis at 1W/1m, using typical horn, in 2π anechoic environment.



CDX1-1010 fitting



CDX1-1020 fitting