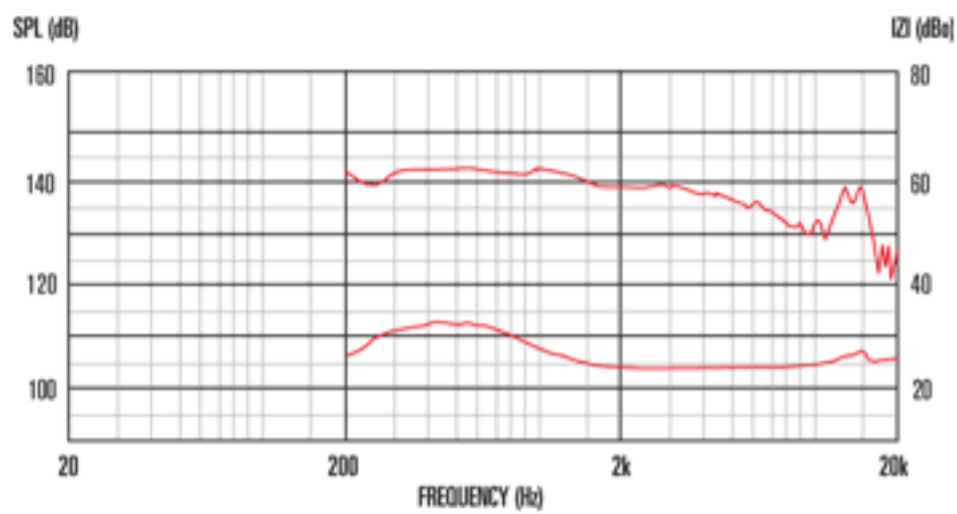


### CDX1-1720

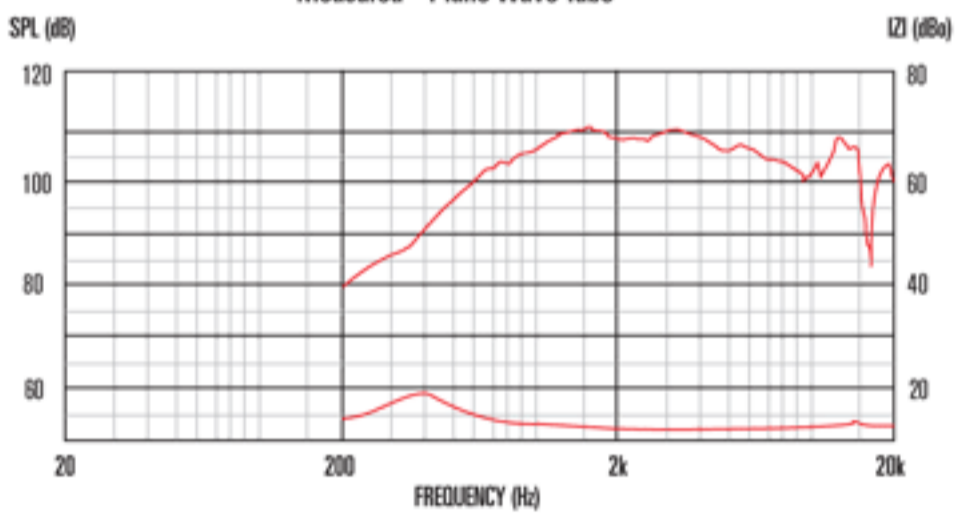


- 1" exit, lightweight and compact compression driver featuring neodymium magnet and 1.75" diameter titanium diaphragm
- 50Wrms (AES standard) power handling and 107dB sensitivity
- Rolled polyimide surround improves stiffness control, further lowering distortion
- Lower resonance enabling lower crossover frequency
- Patented phase plug design method suppresses cavity resonances at frequencies higher than that of conventional designs
- Lower compression ratio reduces air non-linearity and allows for higher maximum SPL
- Curved coherent wavefront, optimised for horn loading

#### 8 Frequency Response



Measured - Plane Wave Tube



Measured - Exponential Horn 80° x 60° 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. Continuous Power Handling is defined as 3dB greater than the AES rating.
3. Measured on axis at 1W/1m, using typical horn, in 2 anechoic environment.

#### General Specifications

Power rating <sup>1</sup>	50Wrms
Continuous power rating <sup>2</sup>	100W
Nominal impedance	8
Sensitivity <sup>3</sup>	107dB
Frequency range	800-20,000Hz
Recommended min. crossover (12dB/oct)	1500Hz
Voice coil diameter	44mm/1.75in
Voice coil material	Edgewound copper clad aluminium
Magnet type	Neodymium
Diaphragm material	Titanium
Surround material	Polyimide

#### Mounting Information

Maximum width	88.5mm/3.48in
Minimum width	82.0mm/3.23in
Depth	55mm/2.2in
Weight	0.65kg/1.4lb
Fitting	Flange (4 x M6 holes on 76mm /3in PCD)
Throat exit	25.4mm/1in

#### Packed Dimensions & Weight

Single pack size W x D x H	90mm x 90mm x 60mm /3.5in x 3.5in x 2.4in
Single pack weight	0.75kg/1.65lb
Multi pack size W x D x H	500mm x 485mm x 110mm /19.7in x 19.1in x 4.3in
Multi pack weight	11.2kg/24.9lb