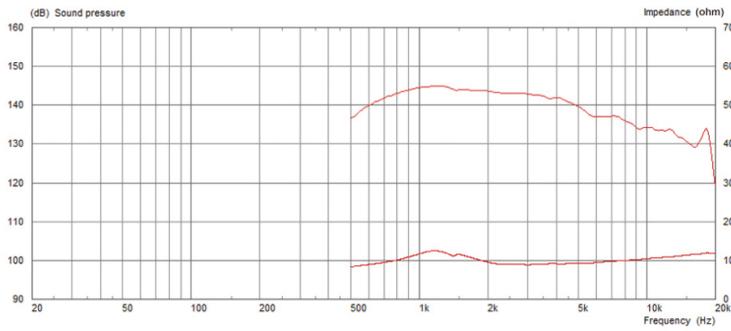


CDX1-1742

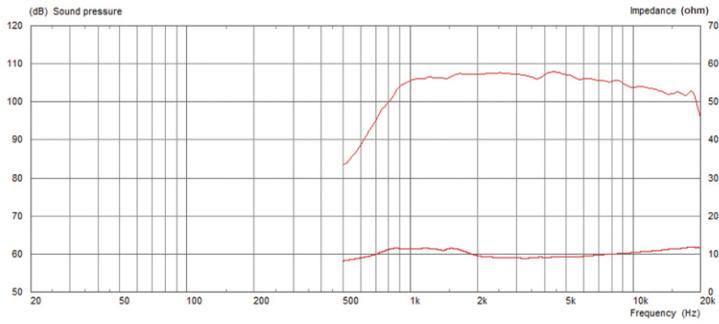


- Single piece polyimide diaphragm and surround
- Next generation Sound Castle soft clamping diaphragm assembly
- 2,000Hz recommended min. crossover freq (12dB/oct)

Frequency and Response and Impedance Curves



Measured - Plane Wave Tube



Measured - Exponential Horn 90° x 40° radiation pattern

Power rating: 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.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m, using typical horn, in 2 anechoic environment.

General Specifications

| | |
|----------------------------|---------------------------------|
| Power Rating | 50W |
| Continuous power rating | 100W |
| Rated impedance | 8 |
| Sensitivity | 107dB |
| Frequency range | 1200-20,000Hz |
| Recommended min. crossover | 2000Hz |
| r (12dB/oct) | |
| Magnet type | Ferrite |
| Voice coil diameter | 44mm / 1.75in |
| Voice coil material | Edgewound copper clad aluminium |
| Diaphragm material | Polyimide |
| Surround material | Polyimide |

Mounting Information

| | |
|-------------|--|
| Width | 100mm / 4.0in |
| Depth | 53.5mm / 2.1in |
| Fitting | Bolt (2/3 M6 holes on 76/57mm, 3.0/2.24in PCD) |
| Throat exit | 25mm / 1in |
| Unit weight | 1.4kg / 3.1lb |

Packed Dimensions & Weight

| | |
|----------------------------|--|
| Single pack size W x D x H | 140mm x 170mm x 70mm / 5.5in x 6.7in x 2.8in |
| Single pack weight | 2kg / 4.4lb |
| Multi pack qty | 16 |
| Multi pack size W x D x H | 495mm x 495mm x 90mm / 19.5in x 19.5in x 3.5in |
| Multi pack weight | 26kg / 57.2lb |