

HF Compression Drivers

CDX1-1747

1-inch exit ferrite magnet compression driver



- Single piece polyimide diaphragm and surround
- Sound Castle soft clamping diaphragm assembly
- 1,600Hz recommended min. crossover freq (12dB/oct)
- Bolt fitting

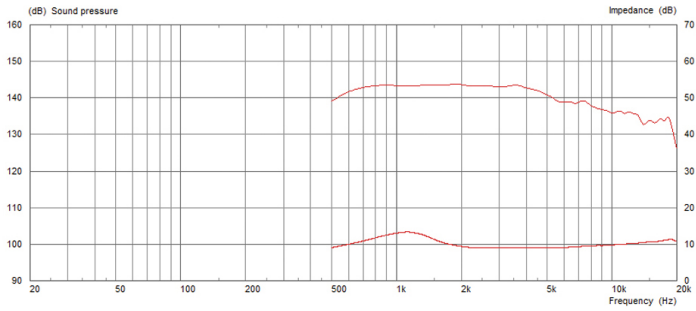
General Specifications

| | |
|----------------------------|---------------------------------|
| Power Rating | 60W |
| Continuous power rating | 120W |
| Rated impedance | 8 Ω |
| Sensitivity | 110dB |
| Frequency range | 1000-20,000Hz |
| Recommended min. crossover | 1600Hz |
| (12dB/oct) | |
| Magnet type | Ferrite |
| Voice coil diameter | 44mm / 1.75in |
| Voice coil material | Edgewound copper clad aluminium |
| Diaphragm material | Polyimide |
| Surround material | Polyimide |

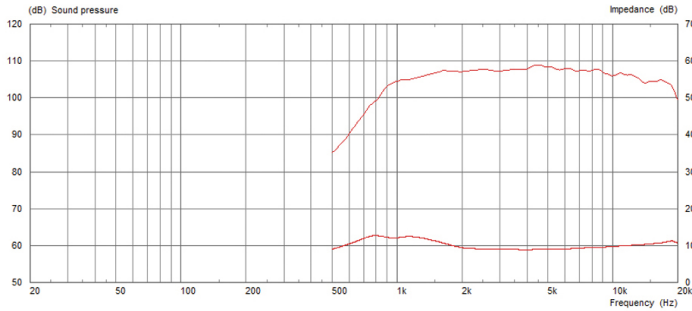
Mounting Information

| | |
|---------------|--|
| Width | 120mm / 4.7in |
| Depth | 53mm / 2.1in |
| Fitting | Bolt (2/3 M6 holes on 76/57mm, 3.0/2.24in PCD) |
| Screw version | CDX1-1748 |
| Throat exit | 25mm / 1in |
| Unit weight | 2.3kg / 5.1lb |

Frequency 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.

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 | 3kg / 6.6lb |
| Multi pack qty | 6 |
| Multi pack size W x D x H | 430mm x 370mm x 90mm / 16.9in x 14.6in x 3.5in |
| Multi pack weight | 14kg / 30.8lb |

Horns and repair kits

| | |
|-------|--------------------------|
| T5572 | Diaphragm repair kit 8 Ω |
| T5359 | H19040P Horn |
| T5134 | H17050 No Bell Horn |