

CDX1-1446

1-inch exit ferrite magnet compression driver



- 2,200Hz recommended min. crossover freq (12dB/oct)
- Single piece PETP diaphragm and surround
- Integrated diaphragm and rear cover for ease of replacement
- Screw fitting

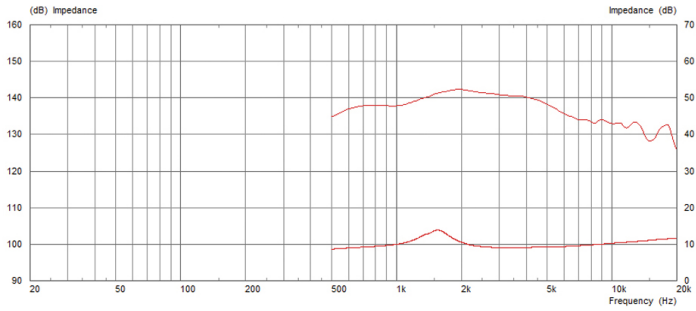
General Specifications

| | |
|---------------------------------------|-----------------------|
| Power Rating | 20W |
| Continuous power rating | 40W |
| Rated impedance | 8 Ω |
| Sensitivity | 106dB |
| Frequency range | 1500-20,000Hz |
| Recommended min. crossover (12dB/oct) | 2200Hz |
| Magnet type | Ferrite |
| Voice coil diameter | 35mm / 1.4in |
| Voice coil material | Copper clad aluminium |
| Diaphragm material | PETP film |
| Surround material | PETP film |
| Additional impedances | 16? |

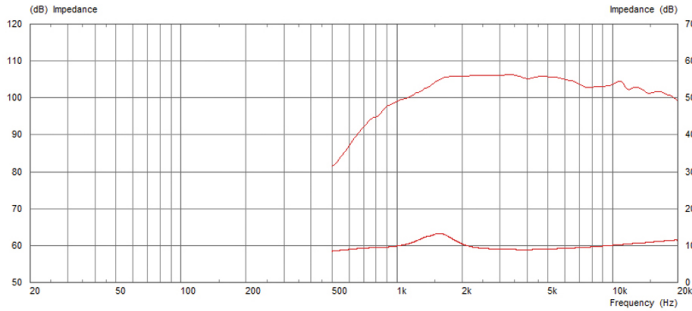
Mounting Information

| | |
|--------------|------------------------------|
| Width | 90mm / 3.5in |
| Depth | 52.0mm / 2.1in |
| Fitting | Screw (35mm/1.38in Diameter) |
| Bolt version | CDX1-1445 |
| Throat exit | 25mm / 1in |
| Unit weight | 1.0kg / 2.2lb |

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 | 110mm x 98mm x 81mm / 4.3in x 3.9in x 3.2in |
| Single pack weight | 1.5kg / 3.3lb |
| 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 | 17kg / 37.4lb |

Horns and repair kits

| | |
|-------|---------------------------|
| T5549 | Diaphragm repair kit 8 Ω |
| T5557 | Diaphragm repair kit 16 Ω |
| T5359 | H19040P Horn |
| T5359 | H17050 No Bell Horn |