CELESTION

HF Compression Drivers

CDX1-1445

1-inch exit ferrite magnet compression driver







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

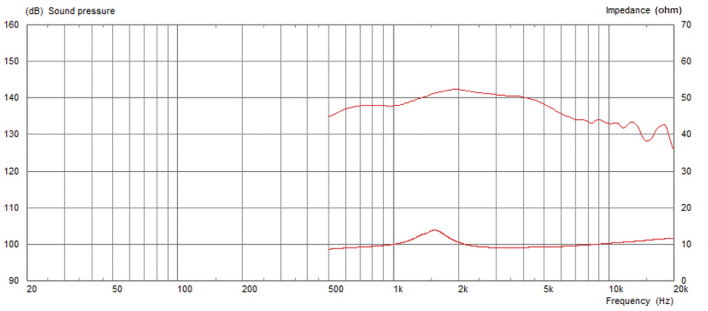
General Specifications

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?

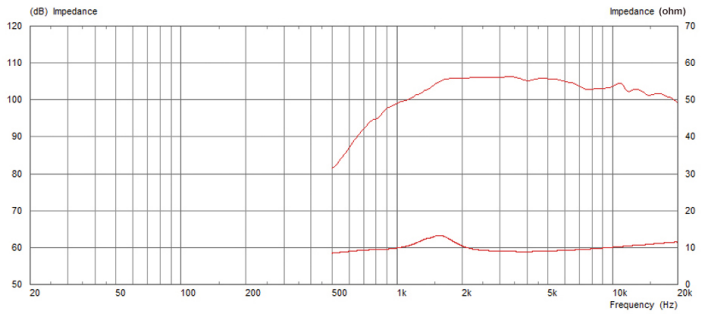
Mounting Information

Width	90mm / 3.5in
Depth	52mm / 2.1in
Fitting	Bolt (4 x M6 holes on 76mm/3in PCD)
Screw version	CDX1-1446
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
T5134	H17050 No Bell Horn

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom