CELESTION Compression Drivers / Ferrite

CDX1-1746

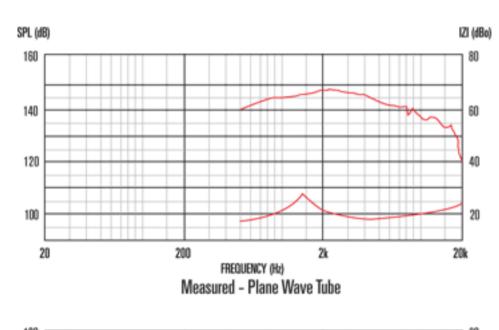




Features

- 1" exit, ferrite magnet compression driver with 1.75" edgewound copper clad aluminium voice coil
- 40Wrms power handling (AES standard) and 110dB sensitivity
- Sound Castle[™] clamping ensures even pressure on diaphragm assembly for reduced distortion
- One piece PETP diaphragm and surround
- Finite Element Analysis (FEA) used to optimise both magnet assembly and acoustic design

8 Frequency Response



120 80

General Specifications

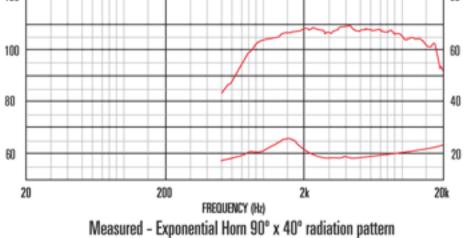
Power rating	40Wrms
Nominal impedance	8
Frequency range	1200-20,000Hz
Sensitivity ²	110dB
Recommended min. crossove	er (12dB/oct) 2200Hz
Voice coil diameter	44mm/1.75in
Voice coil material	Edgewound copper clad aluminium
Magnet type	Ferrite
Diaphragm material	PETP film
Surround material	PETP film

Mounting Information

Overall width	120mm/4.7in
Overall depth	56mm/2.2in
Fitting	Screw (35mm, 1.38in dia)
Throat exit	25.4mm/1in
Unit weight	2.3kg/5.1lb

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	3kg/6.6lb
Multi pack (6) size W x D x H	430mm x 370mm x 90mm
	/16.9in x 14.6in x 3.5in
Multi pack (6) weight	14kg/31lb



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



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