CELESTION Compression Drivers / Ferrite

CDX20-3020

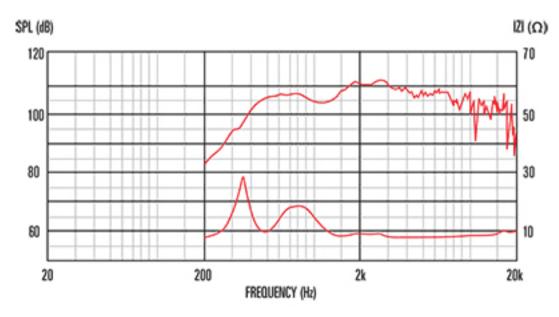






- 2" exit ferrite magnet compression driver with 3" copper clad aluminium voice coil
- 100Wrms (AES standard) power handling and 107dB sensitivity
- Next generation Sound Castle[™] soft clamping assembly reduces diaphragm stress for decreased distortion and even greater reliability of performance
- Single piece titanium diaphragm and surround
- Finite element analysis (FEA) used to optimise magnetic, acoustic and electromechanical design

8 Frequency Response



Voice coil

Frequency range	500-18,000Hz
Sensitivity ³	107dB
Recommended min. crossove	r (12dB/oct) 800Hz
Voice coil diameter	75mm/3in
Voice coil material	Edgewound copper clad aluminium
Magnet type	Ferrite
Diaphragm material	Titanium
Surround material	Titanium

100Wrms

200W 8

Mounting Information

General Specifications

Continuous power rating ²

Nominal impedance

Power rating ¹

Width	180mm/7in
Depth	68mm/2.7in
Weight	4.9kg/10.8lb
Fitting	Flange (4 x M6 holes on 102mm
	/4.02inch PCD)
Throat exit	50mm/2in

Packed Dimensions & Weight

Single pack size W x D x H	214mm x 196mm x 82mm
	/8.4in x 7.7in x 3.2in
Single pack weight	5.1kg/11.2lb
Multi pack size W x D x H	
Multi pack weight	

Measured - Exponential Horn 90° x 40° radiation pattern

- 1. 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. Continuous Power Handling is defined as 3dB greater than the AES rating.
- 3. Measured on axis at 1W, 1m, using typical horn, in 2 anechoic environment.



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