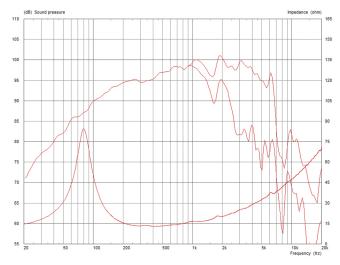
CELESTION

Legacy Loudspeakers CN1025B (LEGACY)



Frequency Response and Impedance Curves



Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. Xmax: Hvc-Hg/2

10-inch cast aluminium chassis, neodymium magnet mid/bass driver

Inverted dustcap for closer positioning of phase plug

Balanced Airflow Venting provides enhanced cooling

500W Continuous power rating 99dB sensitivity

2.5in Copper clad aluminium coil

General Specifications

Nominal Diameter 254mm / 10in 250W Power Rating 500W Continuous power rating Rated impedance 16 ohm Sensitivity 99dB Frequency range 60-5000Hz Chassis type Cast aluminium Magnet type Neodymium Voice coil diameter 64mm / 2.5in Voice coil material Copper clad aluminium

Glass fibre Former material Cone material Treated paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 12.2mm / 0.49in

Mounting Information

Overall diameter 265mm / 10.4in Overall depth 119mm / 4.7in Cut-out diameter 233mm / 9.2in Mounting hole dimensions 8x6.5mm / 0.3x0.25in

Number of mounting holes

244.5-247mm / 9.63-9.73in Mounting hole PCD

Unit weight 2.96kg / 6.5lb

Parameters

Sd 346.36cm2 / 53.69in2 Fs 79.50Hz 31.45g / 1.11oz Mms Qms 3.27 Qes 0.409 Qts 0.364 10.76 ohm Re 21.65I / 0.75ft3 Vas ΒΙ 20.31Tm Cms 0.13mm/N 4.81kg/s Rms Le (at 1kHz) 0.75mH

Packed Dimensions & Weight

Multi pack qty

Multi pack size W x D x H 970mm x 1070mm x 850mm / 38.1in x 42.1in x 33.4in

2.1mm / 0.08in

Multi pack weight 257kg / 565lb

