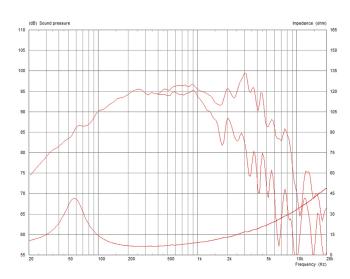
CELESTION

Legacy Loudspeakers NTR10-2520E (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. Hvc-Hg/2

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

Vented cast aluminium heatsink

Compact high flux Dual Magnet Motor design

500W 96dB 2.5in Round copper sensitivity Continuous power rating voice coil

General Specifications

Nominal Diameter 254mm / 10in 250W Power Rating 500W Continuous power rating Rated impedance 8 ohm Sensitivity 96dB Frequency range 50-3000Hz Chassis type Cast aluminium Magnet type Neodymium Voice coil diameter 64mm / 2.5in Voice coil material Round copper Glass fibre Former material Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.32in VC winding height (Hvc) 17.5mm / 0.69in

Mounting Information

Overall diameter 260mm / 10.24in Overall depth 113mm / 4.45in Cut-out diameter 235mm / 9.25in Mounting hole dimensions 7.5x6.5mm / 0.3x0.26in Number of mounting holes

244-247mm / 9.6-9.7in Mounting hole PCD

Unit weight 2.2kg / 4.9lb

Parameters

Sd 346.36cm² / 53.69in² Fs 55.80Hz 46.00g / 1.62oz Mms Qms 3.244 Qes 0.345 Qts 0.312 Re 5.44 ohm 30.07I / 1.06ft³ Vas ΒΙ 15.93Tm 0.18mm/N Cms 4.97kg/s Rms Le (at 1kHz) 0.68mH 5mm / 0.2in

Packed Dimensions & Weight

Single pack size W x D x H 305mm x 305mm x 150mm / x

12.0in 12.0in x 5.9in Single pack weight 2.5kg / 5.5lb

Multi pack qty Multi pack size W x D x H 1080mm x 880mm x 840mm / 42.5in x 34.6in x 33.1in

Multi pack weight 235kg / 518lb

