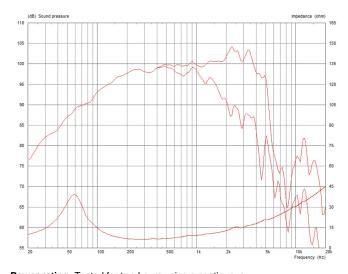
CELESTION

Legacy Loudspeakers TN1225 (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

12-inch, pressed steel chassis, neodymium magnet bass / mid driver

Compact high flux Dual Magnet Motor design

Vented cast aluminium heatsink

500W 99dB 2.5in Round copper sensitivity Continuous power rating voice coil

General Specifications

Nominal Diameter 305mm / 12in 250W Power Rating 500W Continuous power rating EIA power rating 400W Rated impedance 8 ohm Sensitivity 99dB Frequency range 50-4000Hz Chassis type Pressed steel Magnet type Neodymium Voice coil diameter 64mm / 2.5in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.32in VC winding height (Hvc) 13mm / 0.51in

Mounting Information

Overall diameter 309mm / 12.17in Overall depth 132mm / 5.2in Cut-out diameter 283mm / 11.14in Mounting hole dimensions 7.9mm / 0.31in Number of mounting holes Mounting hole PCD 297mm / 11.69in Unit weight 2.0kg / 4.4lb

Parameters

Sd 530.93cm2 / 82.29ft3 Fs 61.40Hz Mms 42.12g / 1.49oz Qms 3.118 Qes 0.339 Ots 0.306 Re 5.20 ohm Vas 63.69I / 2.25ft3 15.79Tm ΒΙ 0.16mm/N Cms Rms 5.21ka/s Le (at 1kHz) 0.65mH 2.5mm / 0.1in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 330mm x 330mm x 150mm / x 13.0in 13.0in x 5.9in Single pack weight 2.4kg / 5.3lb

Multi pack qty Multi pack size W x D x H 1008mm x 980mm x 860mm /

39.7in x 38.6in x 33.9in Multi pack weight 150kg / 330lb