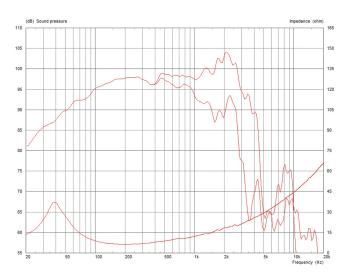
CELESTION

Legacy Loudspeakers TN1530 (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

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

Compact high flux Dual Magnet Motor design

Vented cast aluminium heatsink

600W 98dB sensitivity Continuous power rating

3in Round copper voice coil

General Specifications

Nominal Diameter 381mm / 15in 300W Power Rating 600W Continuous power rating EIA power rating 450W Rated impedance 8 ohm Sensitivity 98dB Frequency range 40-3000Hz Chassis type Pressed steel Magnet type Neodymium Voice coil diameter 75mm / 3in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single 10mm / 0.39in Gap height (Hg) VC winding height (Hvc) 17.5mm / 0.69in

Mounting Information

Overall diameter 385mm / 15.16in Overall depth 160mm / 6.3in Cut-out diameter 352mm / 13.86in Mounting hole dimensions 9.2x6.2mm / 0.36x0.24in Number of mounting holes

Mounting hole PCD 369mm / 14.53in Unit weight 2.8kg / 6.2lb

Parameters

Sd 855.30cm² / 132.57in² Fs 42.50Hz Mms 92.58g / 3.27oz Qms 2.619 Qes 0.358 Ots 0.315 Re 5.38 ohm Vas 156.55I / 5.53ft³ ΒΙ 19.29Tm 0.15mm/N Cms 9.45kg/s Rms Le (at 1kHz) 1.11mH **Xmax** 3.75mm / 0.15in

Packed Dimensions & Weight

Single pack size W x D x H 410mm x 410mm x 180mm / x 16.1in 16.1in x 7.1in Single pack weight 3.2kg / 7.0lb

Multi pack qty Multi pack size W x D x H

1200mm x 1000mm x 980mm / 47.2in x 39.4in x 38.6in

Multi pack weight 150kg / 330lb

