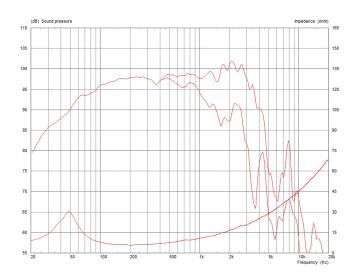
CELESTION

Legacy Loudspeakers TF1530SL (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, ferrite magnet bass/mid driver

Airflow vented magnet assembly for dynamic heat dispersion

Compact high flux Dual Magnet Motor design

700W Continuous power rating 98dB

3in

sensitivity

Round copper voice coil

General Specifications

Nominal Diameter 381mm / 15in 350W Power Rating 700W Continuous power rating EIA power rating 500W Rated impedance 8 ohm Sensitivity 98dB Frequency range 40-3000Hz Chassis type Pressed Steel Magnet type Ferrite Magnet weight 1.7kg / 60oz Voice coil diameter 75mm / 3in Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 16mm / 0.63in Additional impedances 4 ohm

Mounting Information

Overall diameter 385mm / 15.16in Overall depth 161mm / 6.3in 352mm / 13.86in Cut-out diameter Mounting hole dimensions 9.4x6.2mm / 0.37x0.24in Number of mounting holes Mounting hole PCD 369mm / 14.57in

5.0kg / 11.0lb Unit weight

Parameters

 $855.30 cm^2 / 132.57 in^2$ Sd 46.20Hz Mms 87.70g / 3.09oz 3.060 Qms Qes 0.446 Qts 0.389 5.07 ohm Re 140.08I / 4.95ft³ Vas 17.01Tm ΒI Cms 0.14mm/N 8.32kg/s Rms Le (at 1kHz) 0.99mH 4mm / 0.16in **Xmax**

Packed Dimensions & Weight

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 265kg / 585lb

