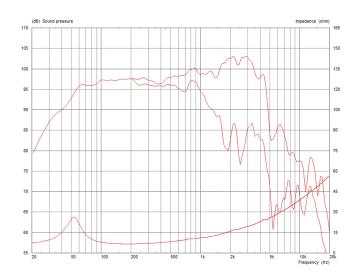
CELESTION

Legacy Loudspeakers TF1520 (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

 Versatile 15in bass and mid-range speaker drive providing 96dB sensitivity

300W Continuous power rating 96dB sensitivity

Round copper voice coil

General Specifications

Nominal Diameter 381mm / 15in 150W Power Rating 300W Continuous power rating EIA power rating 250W Rated impedance 8 ohm Sensitivity 96dB Frequency range 45-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.1kg / 40oz Voice coil diameter 50mm / 2in Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.24in VC winding height (Hvc) 14.5mm / 0.57in

Mounting Information

Overall diameter 385mm / 15.16in Overall depth 158mm / 6.2in Cut-out diameter 352mm / 13.86in 9.4x6.3mm / 0.37x0.25in Mounting hole dimensions

Number of mounting holes

Mounting hole PCD 370mm / 14.57in Unit weight 5.0kg / 11.0lb

Parameters

Xmax

855.30cm² / 132.57in² Sd Fs 54.90Hz Mms 65.49g / 2.31oz Qms 5.165 0.840 Qes Qts 0.723 Re 5.79 ohm 132.98I / 4.70ft³ Vas ВΙ 12.48Tm 0.13mm/N Cms Rms 4.37kg/s 0.80mH Le (at 1kHz) 3mm / 0.12in

Packed Dimensions & Weight

Single pack size W x D x H 410mm x 410mm x 180mm / x 16.1in 16.1in x 7.1in

5.5kg / 12.1lb Single pack weight

Multi pack qty

Multi pack size W x D x H 750mm x 340mm x 440mm / x

29.5in 13.4in x 17.3in

Multi pack weight 22kg / 48lb

