## CELESTION

# LF Loudspeakers **TF1530**

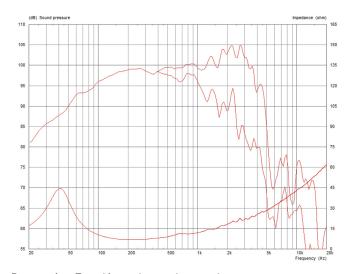


### **Mounting Information**

Overall diameter 385mm / 15.16in Overall depth 163mm / 6.4in Cut-out diameter 352mm / 13.86in 9.2x6.2mm / 0.36x0.24in Mounting hole dimensions Number of mounting holes

Mounting hole PCD 369mm / 14.56in Unit weight 6.9kg / 15.2lb

## 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:** 0.5\*(Hvc-Hg) + 0.25\*Hg

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

High output 15in mid/bass driver

800W 99dB 3in Continuous sensitivity Round copper power rating voice coil

## **General Specifications**

Nominal Diameter 381mm / 15in Power Rating 400W Continuous power rating 800W 550W EIA power rating Rated impedance 8 ohm Sensitivity 99dB Frequency range 40-3000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 2.44kg / 86oz Voice coil diameter 75mm / 3in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 12mm / 0.47in Additional impedances

### **Parameters**

Sd 855.30cm<sup>2</sup> / 132.57in<sup>2</sup> Fs 42 00Hz Mms 91.65g / 3.23oz 2.728 Qms Qes 0.313 0.281 Ots Re 5.82 ohm Vas 162.20I / 5.73ft3 Ы 21.22Tm Cms 0.16mm/N Rms 8.87kg/s Le (at 1kHz) 0.96mH 4mm / 0.16in **Xmax** 

## 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 8.0kg / 17.6lb

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 345kg / 760lb

