## CELESTION

# LF Loudspeakers **TF1525E**

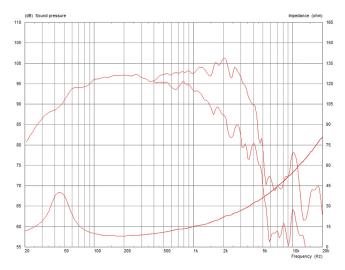


### **Mounting Information**

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 4.8kg / 10.6lb

## 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

• 15in speaker driver provides extended low frequency range

600W 97dB 2.5in Continuous sensitivity **Edgewound coil** power rating copper voice

## **General Specifications**

Nominal Diameter 381mm / 15in Power Rating 300W Continuous power rating 600W 450W EIA power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 45-3500Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.4kg / 50oz Voice coil diameter 64mm / 2.5in Edgewound copper Voice coil material Former material Glass fibre Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 14.5mm / 0.57in Additional impedances

### **Parameters**

Sd 855.30cm<sup>2</sup> / 132.57in<sup>2</sup> Fs 47 50Hz Mms 82.07g / 2.89oz 4.486 Qms Qes 0.529 Ots 0.473 Re 6.82 ohm Vas 141.77I / 5.01ft<sup>3</sup> Ы 17.78Tm Cms 0.14mm/N Rms 5.46kg/s Le (at 1kHz) 1.31mH 5.25mm / 0.21in **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 5.5kg / 12.1lb

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 245kg / 515lb

