# CELESTION

# LF Loudspeakers

# **TF1525**

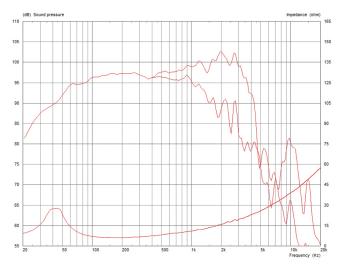


#### **Mounting Information**

Overall diameter 385mm / 15.16in Overall depth 153mm / 6in Cut-out diameter 351mm / 13.82in 9.2x6.2mm / 0.36x0.24in Mounting hole dimensions Number of mounting holes

Mounting hole PCD 369mm / 14.56in Unit weight 5.2kg / 11.5lb

### 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 bass and mid-range speaker driver unit providing 98dB sensitivity and

**500W** 98dB 2.5in Round copper sensitivity Continuous power rating voice coil

#### **General Specifications**

Nominal Diameter 381mm / 15in 250W Power Rating 500W Continuous power rating EIA power rating 400W Rated impedance 8 ohm Sensitivity 98dB Frequency range 40-3000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.2kg / 42oz Voice coil diameter 64mm / 2.5in 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) 13mm / 0.51in

#### **Parameters**

**Xmax** 

Sd 855.30cm<sup>2</sup> / 132.57in<sup>2</sup> Fs 47 60Hz Mms 77.93g / 2.75oz 3.835 Qms Qes 0.565 Ots 0.493 Re 5.15 ohm Vas 148.411 / 5.24ft<sup>3</sup> Ы 14.57Tm Cms 0.14mm/N Rms 6.08kg/s Le (at 1kHz) 0.90mH 4.5mm / 0.18in

## 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 6.0kg / 13.2lb

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 270kg / 595lb

