## **CELESTION**

# **Legacy Loudspeakers**

# TF1530SL (Legacy)

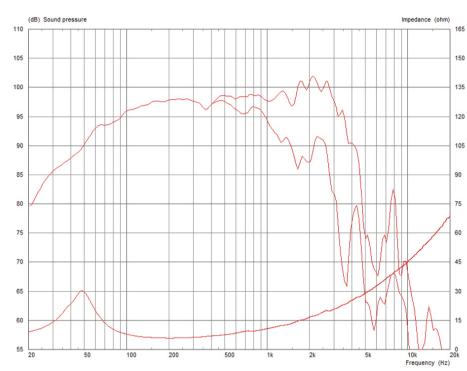






- Airflow vented magnet assembly for dynamic heat dispersion
- Compact high flux Dual Magnet Motor design

### **Frequency Response and Impedance Curves**



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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 anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: Hvc-Hg/2

### **General Specifications**

**Nominal Diameter** 381mm / 15in **Power Rating** 350W 700W Continuous power rating 500W **EIA** power rating Rated impedance  $\Omega$ 8 Sensitivity 98dB Frequency range 40-3000Hz **Pressed Steel** Chassis type **Ferrite** Magnet type 1.7kg / 60oz Magnet weight Voice coil diameter 75mm / 3in Voice coil material Round copper Former material Polyimide

Cone material Kevlar loaded paper

Surround material Cloth-sealed
Suspension Single
Xmax 4mm / 0.16in
Gap height (Hg) 8mm / 0.31in
VC winding height (Hvc) 16mm / 0.63in

Additional impedances 4

## **Mounting Information**

Overall diameter 385mm / 15.16in

Overall depth 161mm / 6.3in

Cut-out diameter 352mm / 13.86in

Mounting hole dimensions 9.4x6.2mm / 0.37x0.24in

Number of mounting holes 8

Mounting hole PCD 369mm / 14.57in
Unit weight 5.0kg / 11.0lb

#### **Parameters**

Sd 855.30cm2 / 132.57in2

Fs 46.20Hz Mms 87.70g / 3.09oz

 Qms
 3.060

 Qes
 0.446

 Qts
 0.389

 Re
 507 Ω

 Vas
 140.08I / 4.95ft3

 Bi
 17.01Tm

 Cms
 0.14mm/N

 Rms
 8.32kg/s

 Le (at 1kHz)
 0.99mH

 Xmax
 4mm / 0.16in

## **Packed Dimensions & Weight**

Multi pack qty 45

Multi pack size W x D x H 1200mm x 1000mm x 980mm / 47.2

in x 39.4in x 38.6in

Multi pack weight 265kg / 585lb



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