# CELESTION

# LF Pressed Chassis / Ferrite

# TF1525e

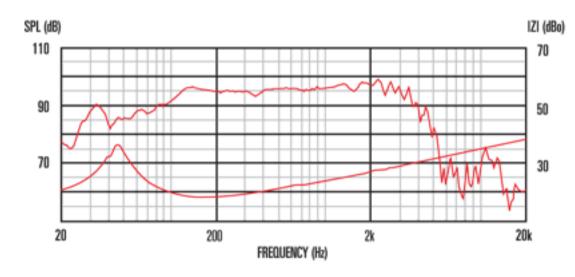






• 15" speaker driver provides extended low frequency range

#### 8 Frequency Response



Measured - 1W @ 1m,  $2\pi$ 

- 1. 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.
- 2. Continuous Power Rating is defined as 3dB greater than the AES rating
- 3. Tested as per the EIA-426-A standard
- 4. Measured on axis at 1W, 1m in 2 $\hat{\mathbf{l}}$  anechoic environment.
- 5. Xmax derived from: (voice coil winding width-gap depth)/2.
- 6. Small signal parameters measured after unit subjected to pre-conditioning signal

## **General Specifications**

Nominal diameter	381mm/15in
Power rating <sup>1</sup>	300Wrms
Continuous power rating <sup>2</sup>	600W
EIA power rating <sup>3</sup>	450W
Nominal impedance	8
Sensitivity <sup>2</sup>	97dB
Frequency range	45-3,500Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg/50oz
Coil material	Edgewound copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax 5	3.5mm/0.14in
Gap depth	8mm/0.31in
Voice coil winding width	14.5mm/0.57in

## **Small Signal Parameters**

D	0.33m/12.99in
Fs	47.5Hz
Mms	82071g/2.89oz
Qms	4.486
Qes	0.529
Mmd	68.26g/2.41oz
Qts	0.473
Re	6.82
Vas	141.77lt5.01ft3
BI	17.78m
Cms	0.14mm/N
Rms	5.46kg/s
Le (at 1kHz)	1.31mH

### **Mounting Information**

#### Overall diameter

Overall depth	163mm/6.42in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.2mm x 6.2mm/0.36in x 0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.56in
Unit weight	4.8kg/10.6lb

#### **Packed Dimensions & Weight**

Single pack size W x D x H	410mm x 410mm x 180mm
	/16.1in x 16.1in x 7.1in
Single pack weight	5.5kg/12.1lb
Multi pack size W x D x H	1200mmx1000mmx980mm
	/47.2in x 39.4in x 38.6in
Multi pack weight	245kg/515lb



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