CELESTION

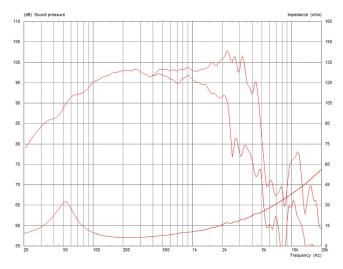
LF Loudspeakers **TF1225**



Mounting Information

Overall diameter 309mm / 12.17in Overall depth 130mm / 5.1in Cut-out diameter 283mm / 11.14in 7.9mm / 0.31in Mounting hole dimensions Number of mounting holes Mounting hole PCD 297mm / 11.69in Unit weight 4.1kg / 9.0lb

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

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

500W Continuous power rating

97dB sensitivity

2.5in Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in Power Rating 250W Continuous power rating 500W 400W EIA power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 50-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.2kg / 42oz Voice coil diameter 64mm / 2.5in 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) 13mm / 0.51in Additional impedances

Parameters

Sd 530.93cm² / 82.29in² Fs 55 60Hz Mms 48.52g / 1.71oz 3.112 Qms Qes 0.420 0.370 Ots Re 5.08 ohm Vas 67.27l / 2.38ft³ Ы 14.32Tm Cms 0.17mm/N Rms 5.45kg/s Le (at 1kHz) 0.86mH 4.5mm / 0.18in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 330mm x 330mm x 150mm / x

13in 13in x 5.9in Single pack weight 4.6kg / 10.1lb

Multi pack qty

Multi pack size W x D x H 1080mm x 980mm x 880mm / 42.5in x 38.6in x 34.6in

Multi pack weight 280kg / 615lb

