CELESTION

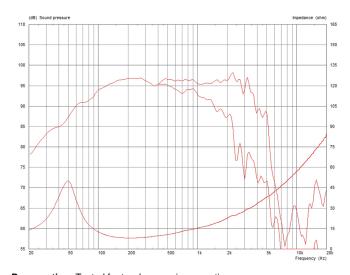
LF Loudspeakers **TF1225E**



Mounting Information

Overall diameter 309mm / 12.17in Overall depth 139mm / 5.5in 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 4.4kg / 9.7lb

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

• 12in mid/bass driver with extended low frequency response

600W 96dB 2.5in Continuous sensitivity **Edgewound coil** power rating copper voice

General Specifications

Nominal Diameter 305mm / 12in Power Rating 300W Continuous power rating 600W 450W EIA power rating Rated impedance 8 ohm Sensitivity 96dB Frequency range 50-3000Hz 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 Polyimide 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

Parameters

Sd 530.93cm2 / 82.29in2 Fs 52.60Hz 54.04g / 1.91oz Mms Qms 3.513 0.368 Qes Qts 0.333 6.42 ohm Re 67.711 / 2.39ft³ Vas ВΙ 17.66Tm Cms 0.17mm/N Rms 5.08kg/s Le (at 1kHz) 1.32mH 5.25mm / 0.21in

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 5.0kg / 11.0lb

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 290kg / 638lb