CELESTION

LF Loudspeakers

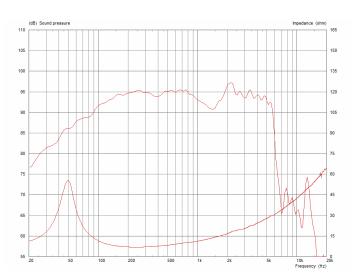
TN1230



Mounting Information

Overall diameter 309mm / 12.17in Overall depth 132mm / 5.2in 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 2.1kg / 4.6lb

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: Hvc-Hg/2

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

Compact, high flux, dual magnet motor design

Vented cast aluminium heatsink

700W Continuous power rating 97dB sensitivity

3in

Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in Power Rating 350W 700W Continuous power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 50-4500Hz Chassis type Pressed steel Magnet type Neodymium Voice coil diameter 75mm / 3in Voice coil material Round copper Polyimide Former material Cone material Kevlar loaded paper Surround material Cloth-sealed Single Suspension Gap height (Hg) 10mm / 0.39in VC winding height (Hvc) 17.5mm / 0.69in

Parameters

 $530.93 \text{cm}^2 / 82.29 \text{in}^2$ Sd Fs 46.6Hz 72.42g / 2.56oz Mms Oms 4 76 Qes 0.37 0.35 Qts Re 6.09 ohm 64.33I / 2.3ft³ Vas ΒΙ 18.55Tm Cms 0.16mm/N Rms 4.45kg/s Le (at 1kHz) 0.99mH 3.75mm / 0.15in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 330mm x 330mm x 150mm / x 13in 13in x 5.9in

2.4kg / 5.3lb Single pack weight

