CELESTION

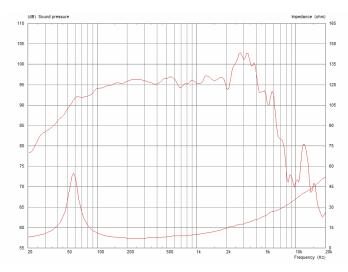
LF Loudspeakers TRUVOX 1225



Mounting Information

Overall diameter 305.6mm / 12.03in
Overall depth 131.4mm / 5.17in
Cut-out diameter 284.5mm / 11.2in
Mounting hole dimensions 6.4mm / 0.25in
Number of mounting holes 8
Mounting hole PCD 294.4mm / 11.6in
Unit weight 4.7kg / 10.4lb

Frequency Response and Impedance Curves



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

- Excellent drop-in replacement/upgrade model for 12in mid/bass applications
- FEA optimised magnet assembly
- Triple roll surround for superior performance stability
- Glass fibre reinforced cone for added durability
 - Robust pressed steel chassis with front and rear mounting gaskets

600W 96dB 2.5in
Continuous sensitivity Copper clad aluminium coil voice

General Specifications

Nominal Diameter 305mm / 12in Power Rating 300W Continuous power rating 600W Rated impedance 8 ohm Sensitivity 96dB Frequency range 50Hz - 4000Hz Chassis type Pressed Steel Magnet type Ferrite Magnet weight 1.42kg / 50oz Voice coil diameter 64mm / 2.5in Voice coil material Copper clad aluminium

Former material Polyimide
Surround material Cloth-sealed
Suspension Single
Gap height (Hg) 9.5mm / 0.37in
VC winding height (Hvc) 14.3mm / 0.56in

Parameters

Sd 530.93cm² / 82.29in² 60.3Hz Mms 51.39g/1.81oz 7.389 Oms Qes 0.681 0.623 Qts Re 6.38 ohm 54.15I/1.91ft³ Vas BI 13.51Tm Cms 0.14mm/N Rms 2.63kg/s Le (at 1kHz) 0.68mH 4.75mm / 0.19in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 334mm x 345mm x 157mm / 13.1in x 13.6in x 6.2in

Single pack weight 5.2kg / 11.5lb

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

