LF Loudspeakers

TRUVOX 1225

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
Continuous power rating

96dB
sensitivity

2.5in
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

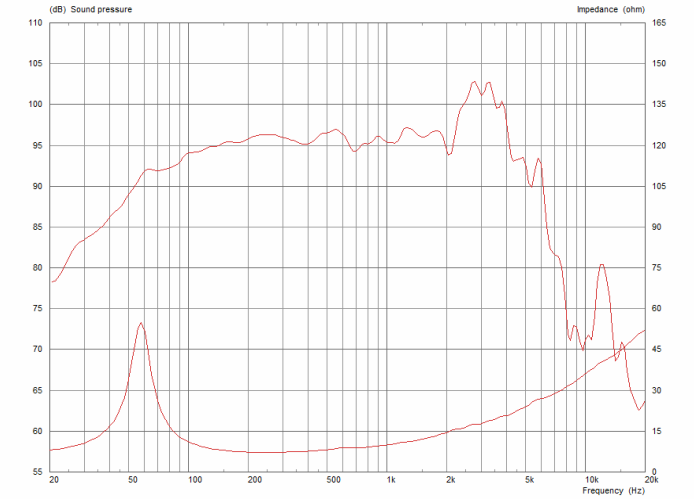
Mounting Information

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

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	60.3Hz
Mms	51.39g/1.81oz
Qms	7.389
Qes	0.681
Qts	0.623
Re	6.38 ohm
Vas	54.15l/1.91ft^3
Bi	13.51Tm
Cms	0.14mm/N
Rms	2.63kg/s
Le (at 1kHz)	0.68mH
Xmax	4.75mm / 0.19in

Frequency Response and Impedance Curves



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

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom