LF Loudspeakers

TRUVOX 1525

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

- Excellent drop-in replacement/upgrade model for 15in 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



800W
Continuous power rating

96dB
Sensitivity

2.5in
Copper clad aluminium voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	400W
Continuous power rating	800W
Rated impedance	8 ohm
Sensitivity	96dB
Frequency range	40-4000Hz
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
Cone material	Glass loaded cellulose
Surround material	Triple roll, cloth sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	13.5mm / 0.53in

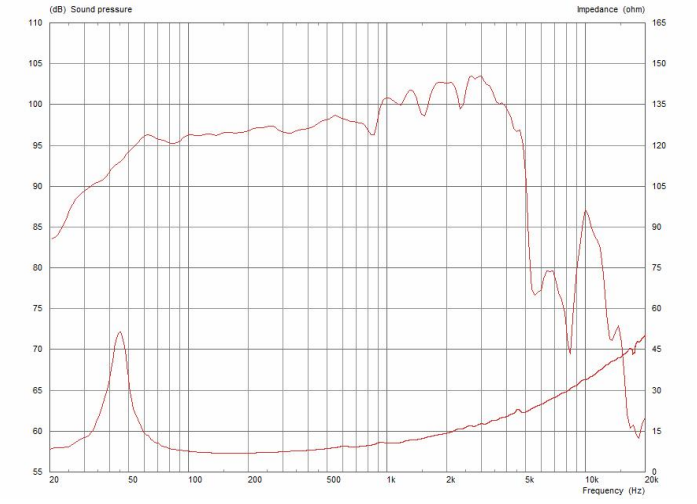
Mounting Information

Overall diameter	384mm / 15.12in
Overall depth	151.7mm / 5.97in
Cut-out diameter	352mm / 13.86in
Mounting hole dimensions	6.2mm x 9.2mm / 0.24mm x 0.36in
Number of mounting holes	8
Mounting hole PCD	366-372mm / 14.41-14.65in
Unit weight	4.8kg / 10.6lb

Parameters

Sd	855.3cm^2/132.57in^2
Fs	49Hz
Mms	80.772
Qms	12.918
Qes	0.803
Qts	0.756
Re	6.58 ohm
Vas	135.4l
Bl	14.273Tm
Cms	0.131mm/N
Rms	1.924kg/s
Le (at 1kHz)	0.703mH
Xmax	4.75mm / 0.19in

Frequency Response and Impedance Curves



Packed Dimensions & Weight

Single pack size W x D x H	415mm x 415mm x 190mm / 16.3in x 16.3in x 7.5in
Single pack weight	6kg / 13.2lb

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? 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