LF Loudspeakers

TF1225

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

500W
Continuous power rating

97dB
Sensitivity

2.5in
Round copper voice coil



General Specifications

Nominal Diameter	305mm / 12in
Power Rating	250W
Continuous power rating	500W
EIA power rating	400W
Rated impedance	8 ohm
Sensitivity	97dB
Frequency range	50-4000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.2kg / 42oz
Voice coil diameter	64mm / 2.5in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	13mm / 0.51in
Additional impedances	4 ohm

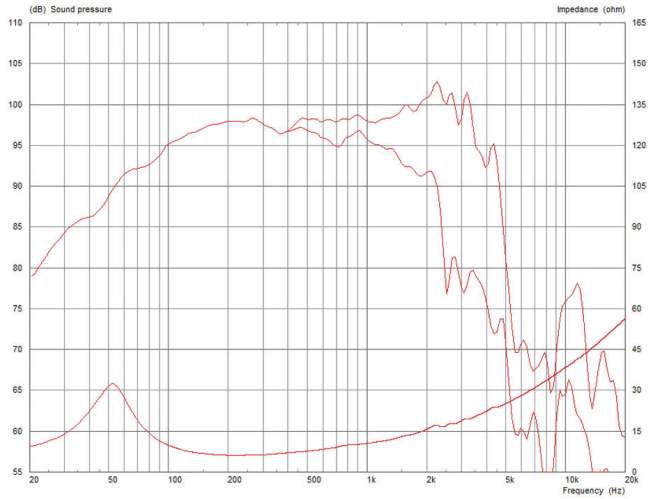
Mounting Information

Overall diameter	309mm / 12.17in
Overall depth	130mm / 5.1in
Cut-out diameter	283mm / 11.14in
Mounting hole dimensions	7.9mm / 0.31in
Number of mounting holes	4
Mounting hole PCD	297mm / 11.69in
Unit weight	4.1kg / 9.0lb

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	55.60Hz
Mms	48.52g / 1.71oz
Qms	3.112
Qes	0.420
Qts	0.370
Re	5.08 ohm
Vas	67.27l / 2.38ft^3
Bl	14.32Tm
Cms	0.17mm/N
Rms	5.45kg/s
Le (at 1kHz)	0.86mH
Xmax	4.5mm / 0.18in

Frequency Response and Impedance Curves



Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm / 13in x 13in x 5.9in
Single pack weight	4.6kg / 10.1lb
Multi pack qty	60
Multi pack size W x D x H	1080mm x 980mm x 880mm / 42.5in x 38.6in x 34.6in
Multi pack weight	280kg / 615lb

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

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