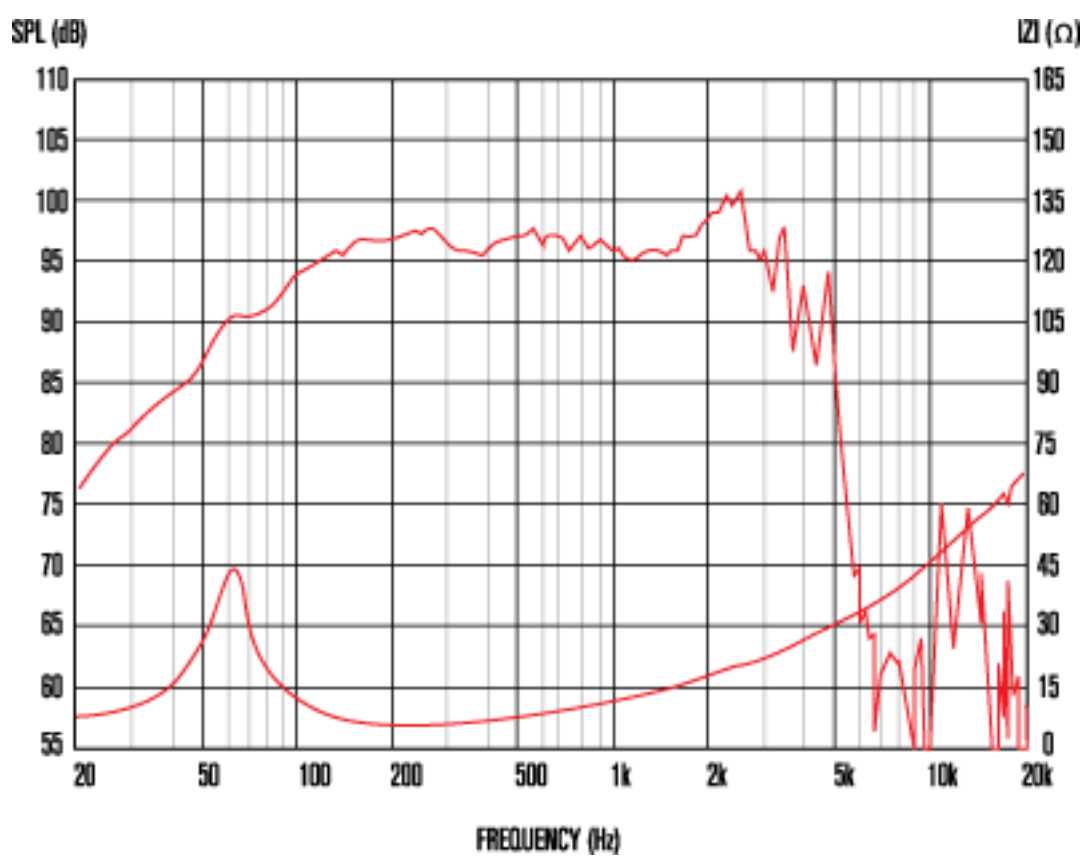


TF1225e



- 12" mid/bass driver with extended low frequency response

8 Frequency Response



1. 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.
2. Continuous Power Rating is defined as 3dB greater than the AES rating.
3. Tested as per the EIA-426-A standard.
4. Measured on axis at 1W, 1m in 2^l anechoic environment.
5. Xmax derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	300Wrms
Continuous power rating ²	600W
EIA power rating ³	450W
Nominal impedance	8
Sensitivity ⁴	96dB
Frequency range	50-3,000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg/50oz
Coil material	Edgewound copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	3.5mm/0.14in
Gap depth	8mm/0.31in
Voice coil winding width	14.5mm/0.57in

Small Signal Parameters

D	0.26m/10.24in
Fs	52.6Hz
Mms	54.01g/1.91oz
Qms	3.513
Qes	0.368
Mmd	46.31g/1.63oz
Qts	0.333
Re	6.42
Vas	67.71lt/2.39ft3
Bl	17.66Tm
Cms	0.17mm/N
Rms	5.08kg/s
Le (at 1kHz)	1.32mH

Mounting Information

Overall diameter	309mm/12.17in
Overall depth	139mm/5.47in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	216;7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	4.4kg/9.7lb

Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm /13.0in x 13.0in x 5.9in
Single pack weight	5kg/11lb
Multi pack size W x D x H	1080mmx980mmx880mm /42.5in x 38.6in x 34.6in
Multi pack weight	290kg/638lb