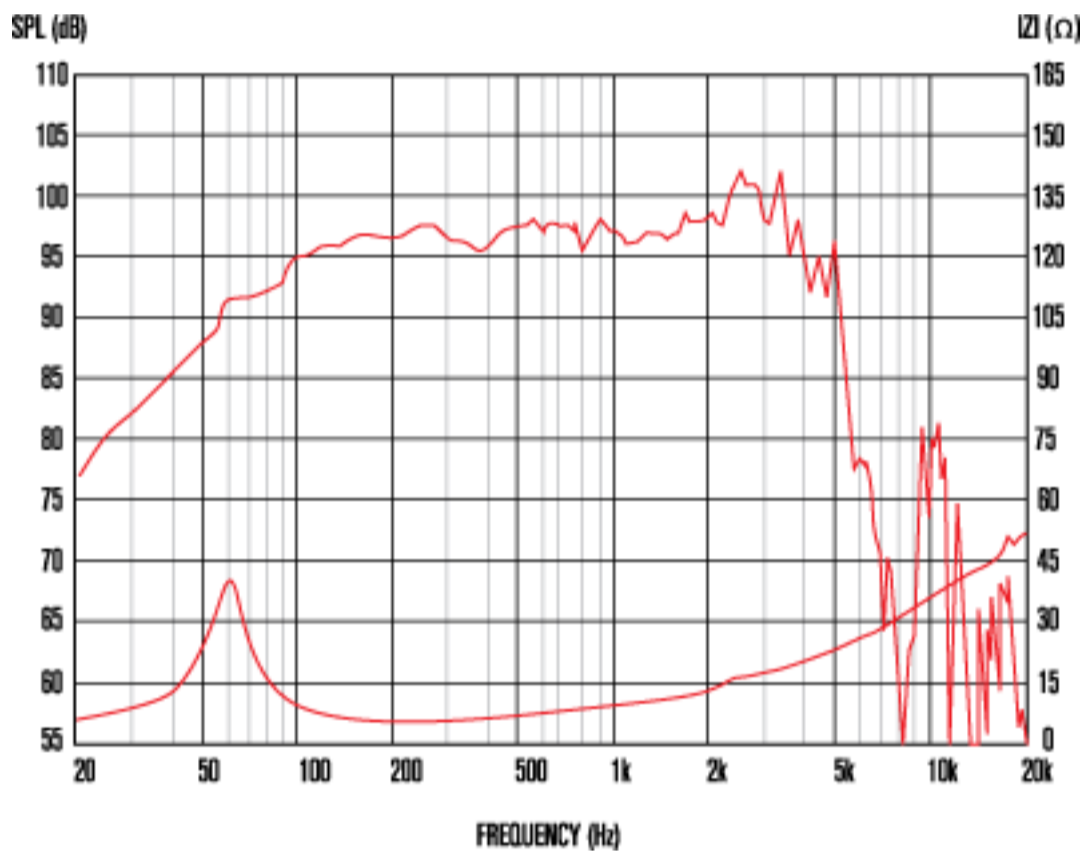


### TF1225



- 12" Bass and mid-range driver providing 97dB sensitivity and 250Wrms (AES standard) power handling
- 2.5" high temperature copper voice coil wound on polyimide for increased reliability
- Optimised ferrite magnet design reduces weight
- Double roll surround for greater excursion control
- For use in 2-way or compact 3-way systems

### 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 Handling 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<sup>1</sup> anechoic environment.
5. X<sub>max</sub> 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 <sup>1</sup>	250Wrms
Continuous power rating <sup>2</sup>	500W
EIA power rating <sup>3</sup>	400W
Nominal impedance	8
Sensitivity <sup>4</sup>	97dB
Frequency range	50-4000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.2kg/42oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
X <sub>max</sub> <sup>5</sup>	2.5mm/0.1in
Gap depth	8mm/0.31in
Voice coil winding width	13mm/0.51in

### Small Signal Parameters

D	0.26m/10.24in
F <sub>s</sub>	63Hz
M <sub>ms</sub>	46.51g/1.64oz
Q <sub>ms</sub>	6.70
Q <sub>es</sub>	0.54
M <sub>md</sub>	39.60g/1.40oz
Q <sub>ts</sub>	0.50
R <sub>e</sub>	5.13Ω
V <sub>as</sub>	54.5lt/1.92ft <sup>3</sup>
Bl	13.20Tm
C <sub>ms</sub>	0.14mm/N
R <sub>ms</sub>	2.76kg/s
L <sub>e</sub> (at 1kHz)	0.84mH

### Mounting Information

Overall diameter	309mm/12.17in
Overall depth	130mm/5.12in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	7.9/0.31
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	4.1kg/9.0lb

### 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