

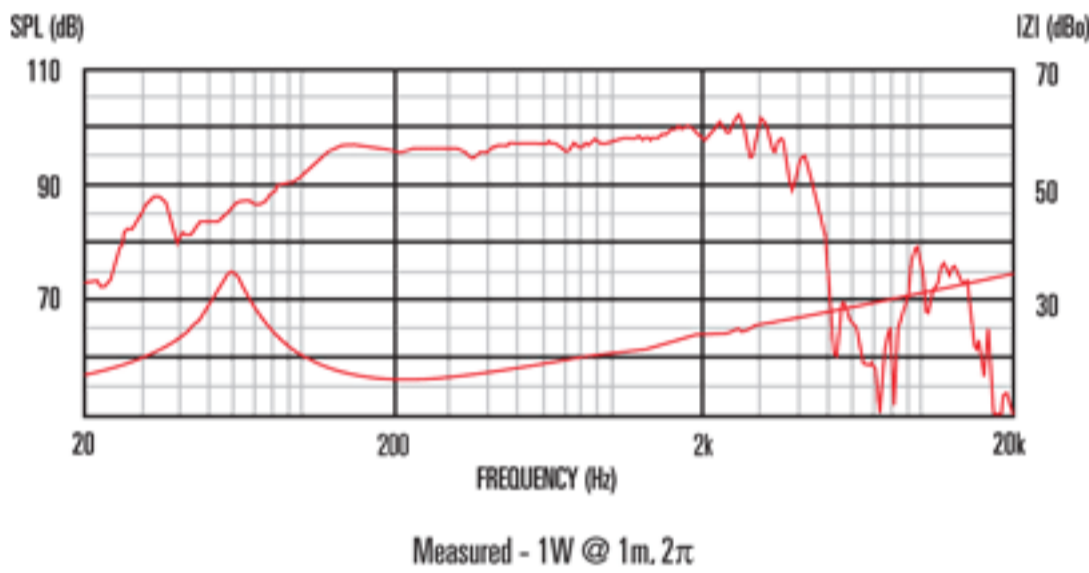
### TF1225



#### Features

- 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. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.

#### General Specifications

Nominal diameter	305mm/12in
Power rating	250Wrms
Nominal impedance	8
Sensitivity	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
Xmax	2.5mm/0.1in
Gap depth	8mm/0.31in
Voice coil winding width	13mm/0.51in

#### Small Signal Parameters

D	0.26m/10.24in
Fs	63Hz
Mms	46.51g/1.64oz
Mmd	39.60g/1.40oz
Qms	6.70
Qes	0.54
Qts	0.50
Re	5.13
Vas	54.5lt/1.92ft <sup>3</sup>
Bl	13.20Tm
Cms	0.14mm/N
Rms	2.76kg/s
Le (at 1kHz)	0.84mH

#### Mounting Information

Diameter	309mm/12.17in
Overall depth	130mm/5.12in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	Ø 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
Multipack (60) size W x D x H	1080mmx980mmx880mm /42.5in x 38.6in x 34.6in
Multipack (60) weight	290kg/638lb