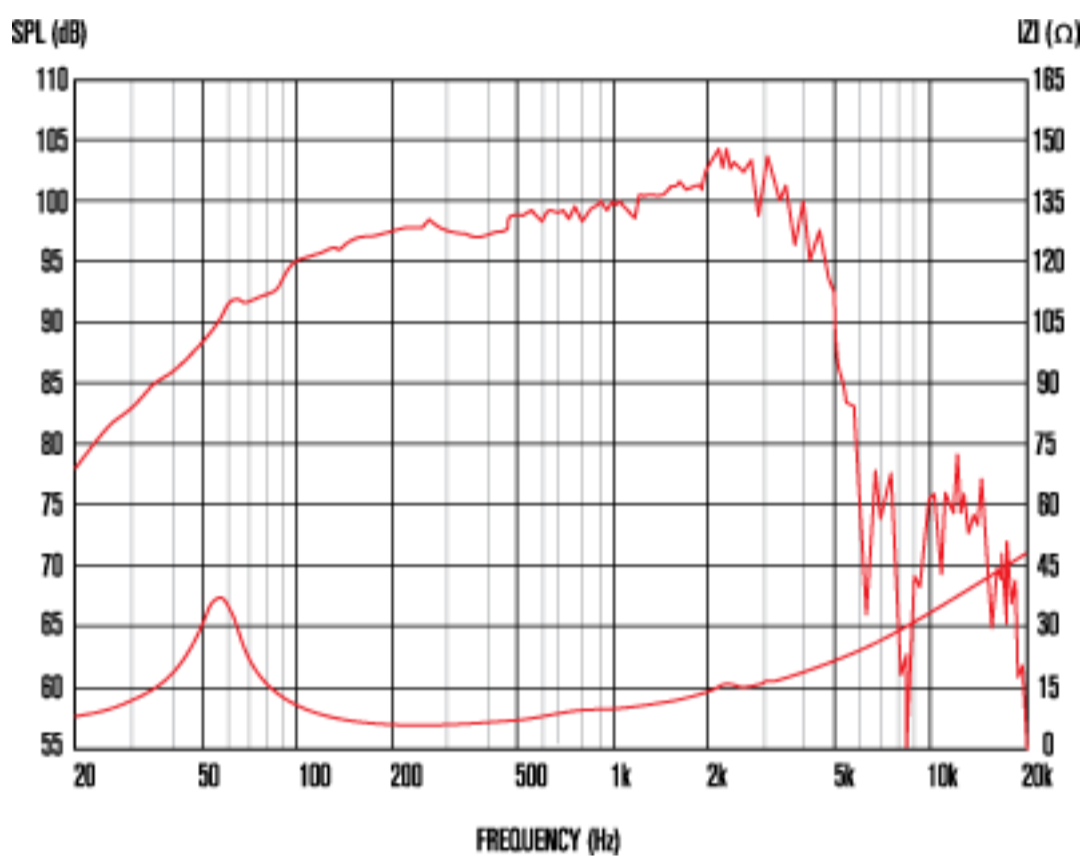


TF1220



- 12" Bass and mid-range speaker driver providing 97dB sensitivity and 150Wrms

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	150Wrms
Continuous power rating ²	300W
EIA power rating ³	250W
Nominal impedance	8
Sensitivity ⁴	97dB
Frequency range	60-4,000Hz
Voice coil diameter	50mm/2in
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 ⁵	2mm/0.08in
Gap depth	8mm/0.31in
Voice coil winding width	12mm/0.47in

Small Signal Parameters

D	0.26m/10.24in
Fs	55.8Hz
Mms	44.51g/1.57oz
Qms	3.327
Qes	0.441
Mmd	32.0g/1.258oz
Qts	0.389
Re	5.46
Vas	72.79lt/2.57ft ³
Bl	13.91Tm
Cms	0.18mm/N
Rms	4.69kg/s
Le (at 1kHz)	0.71mH

Mounting Information

Overall diameter	309mm/12.17in
Overall depth	131mm/5.16in
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	4kg/11lb

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	4.5kg/11lb
Multi pack size W x D x H	1080mmx980mmx880mm /42.5in x 38.6in x 34.6in
Multi pack weight	275kg/600lb