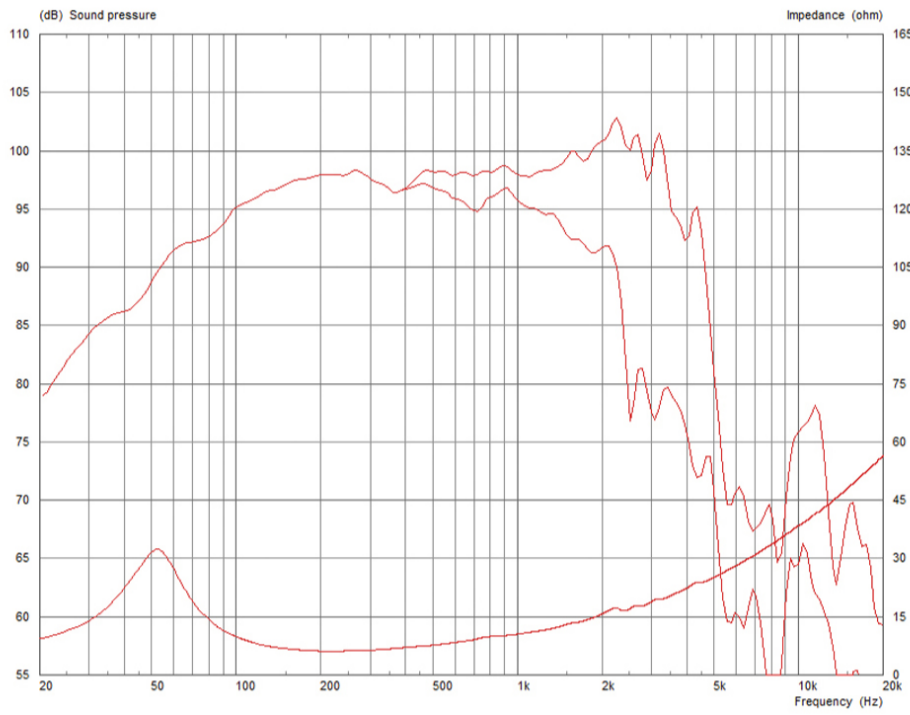


TF1225



12in Bass and mid-range driver

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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 is defined as 3dB greater than the AES rating.

Sensitivity measured on axis at 1W, 1m in 2 anechoic environment.

Xmax is derived from: (voice coil winding width-gap depth)/2.

Small Signal Parameters are measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal Diameter	305mm/12in
Power Rating	250W
Additional Impedances	4
Continuous Power Rating	500W
Sensitivity	97dB
Rated Impedance	8
Frequency Range	50Hz-4000Hz
Voice coil diameter (mm)	64mm
Voice coil diameter (in)	2.5in
Chassis Type	Pressed steel
Magnet Type	Ferrite
Magnet Weight	1.2kg/42oz
Voice 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

Mounting Information

Mounting slot dimensions	7.9mm/0.31in
Mounting slot PCD	297mm/11.69in
Number of mounting slots	4
Overall Depth	130mm/5.12in
Overall Diameter (mm)	309mm
overall_diameter_in	12.17in
Cut-out diameter	283mm/11.14in
Unit Weight	4.1kg/9.0lb

Small Signal 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
Vas	67.27L/2.38ft ³
Bi	14.32Tm
Cms	0.17mm/N
Rms	5.45kg/s
Le (at 1kHz)	0.86mH

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