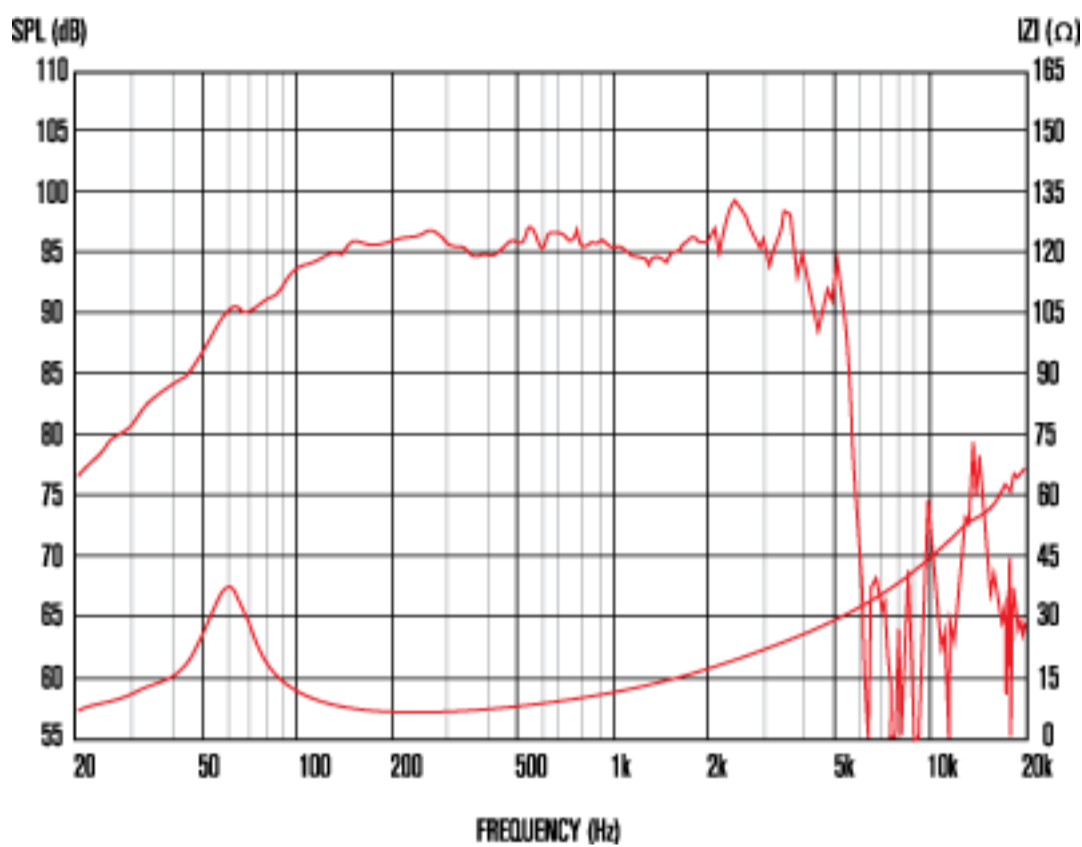


TF1230S



- Increased chassis diameter for compatibility with popular portable two-way reinforcement systems

8 Frequency Response



- 1.
2. 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.
3. Continuous Power Rating is defined as 3dB greater than the AES rating.
4. Tested as per the EIA-426-A standard
5. Measured on axis at 1W, 1m in 2^l anechoic environment.
6. Xmax derived from: (voice coil winding width-gap depth)/2.
7. 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	50-4,000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed Steel
Magnet type	Ferrite
Magnet weight	1.7kg/60oz
Coil material	Edgewound copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	4.5mm/0.18in
Gap depth	8mm/0.31in
Voice coil winding width	17mm/0.67in

Small Signal Parameters ⁶

D	0.26m/10.24in
Fs	60.3Hz
Mms	51.08g/1.8oz
Qms	3.28
Qes	0.422
Qts	0.374
Re	5.98
Vas	54.41lt1.92ft3
Bl	16.56Tm
Cms	0.14mm/N
Rms	5.91kg/s
Le (at 1kHz)	0.98mH

Mounting Information

Overall diameter	317.5mm/12.5in
Overall depth	137mm/5.43in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	13mm x 6.6mm/0.51 x 0.26in
Number of mounting slots	8
Mounting PCD range	299mm/11.77in
Unit weight	4.3kg/9.5lb

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	5.kg/11lb