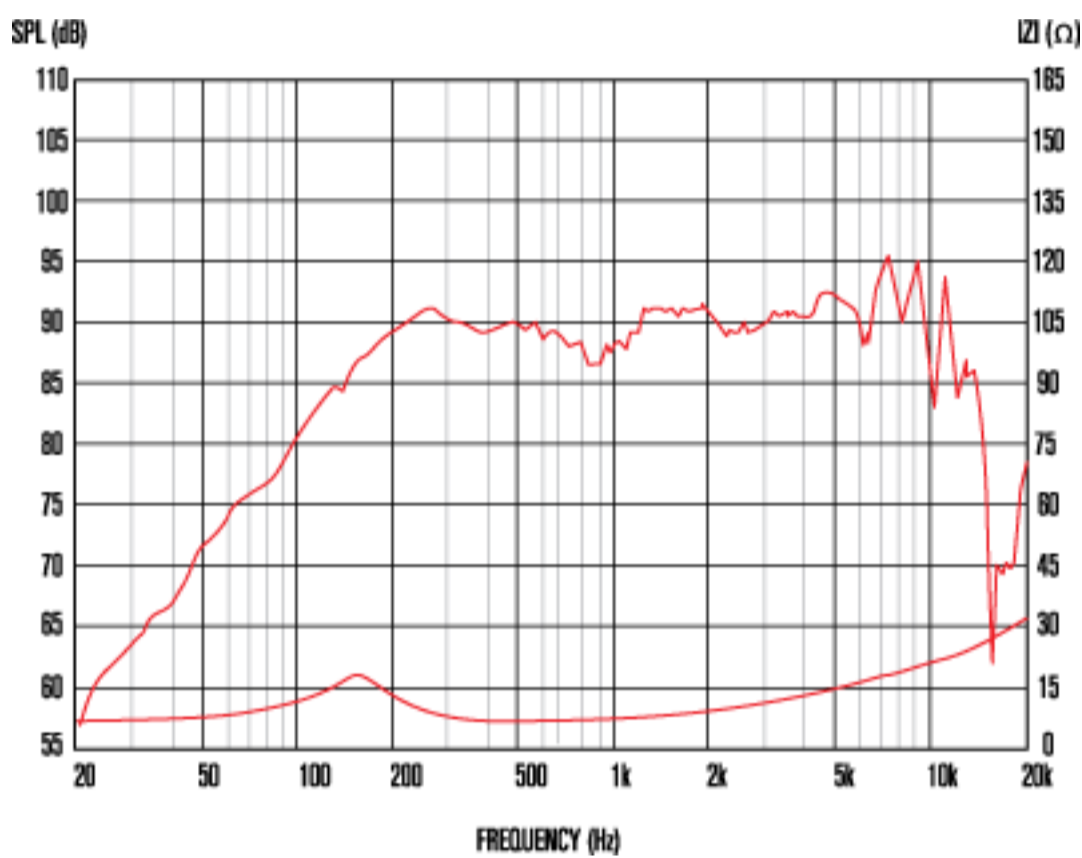


TF0510



- Multi-purpose 5" speaker drive unit delivering clear bass and mid frequencies

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. X_{max} 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	127mm/5in
Power rating ¹	30Wrms
Continuous power rating ²	60W
EIA power rating ³	50W
Nominal impedance	8
Sensitivity ⁴	91dB
Frequency range	130-8,000Hz
Voice coil diameter	25mm/1in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.37kg/13oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
X _{max} ⁵	1.1mm/0.04in
Gap depth	5mm/0.20in
Voice coil winding width	7.3mm/0.29in

Small Signal Parameters

D	0.10m/3.94in
F _s	128.1Hz
M _{ms}	7.02g/0.25oz
Q _{ms}	2.376
Q _{es}	0.768
M _{md}	5.3g/0.187oz
Q _{ts}	0.6580
Re	6.32
V _{as}	7.38lt/0.26ft ³
Bl	6.82Tm
C _{ms}	0.22mm/N
R _{ms}	2.38kg/s
Le (at 1kHz)	0.33mH

Mounting Information

Overall diameter	136 x 151mm/5.35in x 5.94in
Overall depth	68mm/2.68in
Cut-out diameter	117mm/4.61in
Mounting slot dimensions	∅4.5mm/0.18in
Number of mounting slots	4
Mounting PCD range	140mm/5.51in
Unit weight	1.0kg/2.2lb

Packed Dimensions & Weight

Single pack size W x D x H	170mm x 180mm x 70mm /6.7in x 7.1in x 2.8in
Single pack weight	1.5kg/3.3lb
Multi pack size W x D x H	320mm x 550mm x 190mm /12.6in x 21.7in x 7.5in
Multi pack weight	15kg/33lb