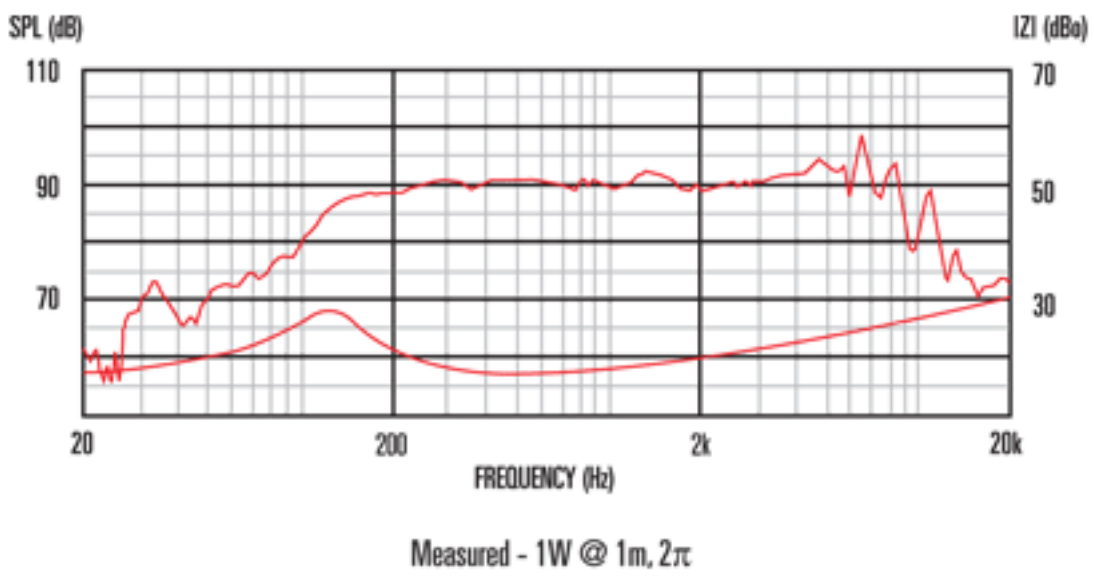
LF Pressed Chassis / Ferrite

TF0510

Features

- Multi-purpose 5" drive unit delivering clear bass and mid frequencies
- Provides 91dB sensitivity and 30Wrms (AES standard) power handling
- 1" high temperature copper voice coil wound on polyimide former for increased reliability
- Impressive extended frequency range
- Ideal for use in multiple speaker systems: as LF driver in 2-way systems, as MF driver in 3-way systems

8 Ω 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	127mm/5in
Power rating [1]	30Wrms
Nominal impedance	8 Ω
Sensitivity [2]	91dB
Frequency range	130-8000Hz
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
Xmax [3]	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
Fs	106Hz
Mms	5.7g/0.201oz
Mmd	5.3g/0.187oz
Qms	2.40
Qes	0.58
Qts	0.46
Re	6.43 Ω
Vas	4.2lt/0.15ft3
Bl	6.5Tm
Cms	0.40mm/N
Rms	1.60kg/s
Le (at 1kHz)	0.38mH

Mounting Information

Diameter	136 x 151mm/5.35 x 5.94in
Overall depth	68mm/2.68in
Cut-out diameter	117mm/4.61in
Mounting slot dimensions	Ø 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
Multipack (12) size W x D x H	320mmx550mmx190mm /12.6in x 21.7in x 7.5in
Multi pack (12) weight	13kg/29lb

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