

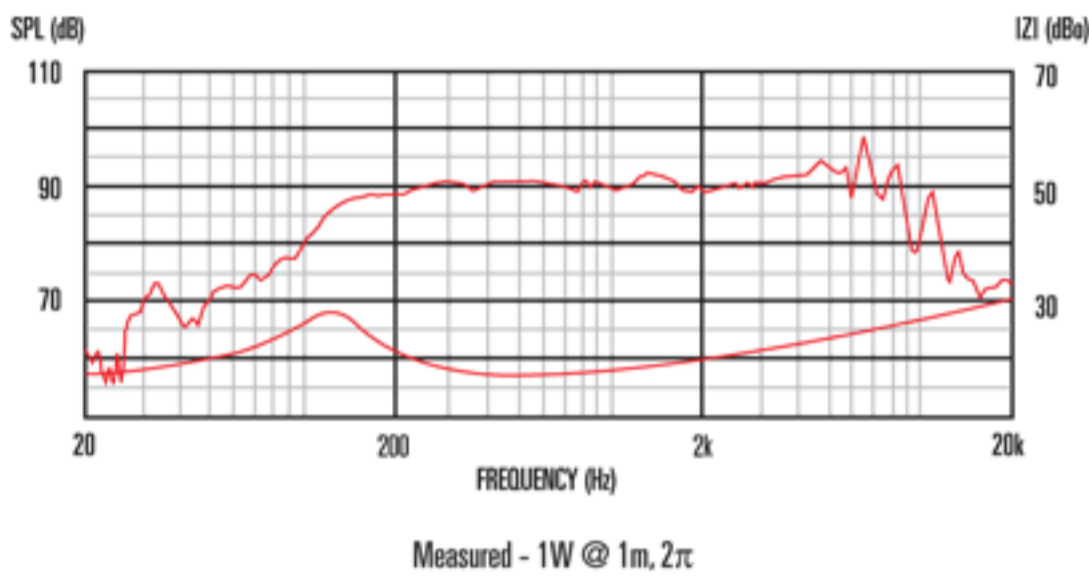
TF0510



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 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 |
| 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 |
| Vas | 4.2lt/0.15ft ³ |
| 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 |