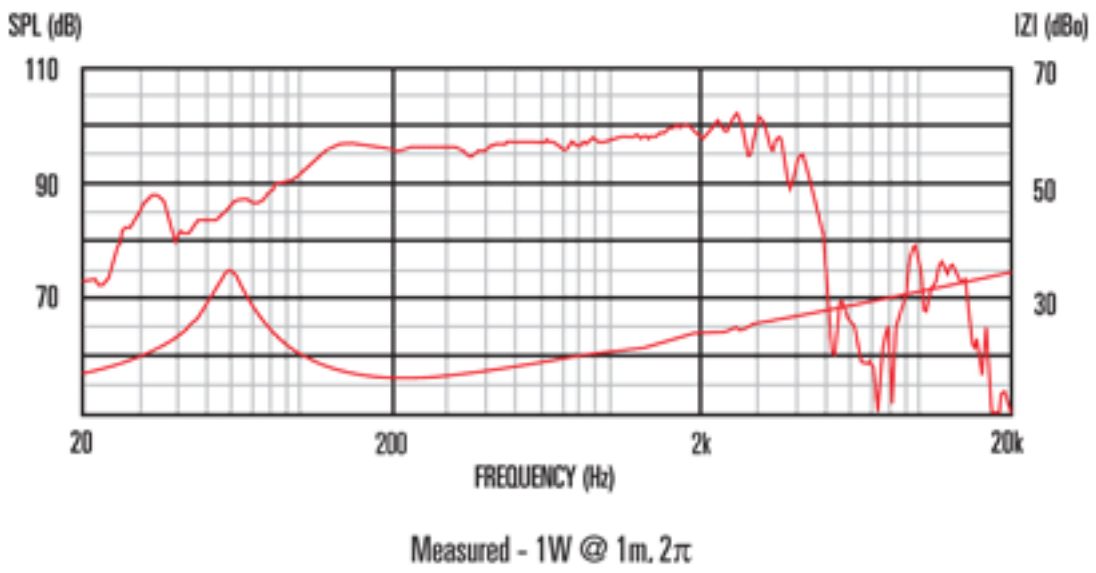
# LF Pressed Chassis / Ferrite

## TF1225

Features

- 12" Bass and mid-range driver providing 97dB sensitivity and 250Wrms (AES standard) power handling
- 2.5" high temperature copper voice coil wound on polyimide for increased reliability
- Optimised ferrite magnet design reduces weight
- Double roll surround for greater excursion control
- For use in 2-way or compact 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 | 305mm/12in |
| Power rating | 250Wrms |
| Nominal impedance | 8 Ω |
| Sensitivity | 97dB |
| Frequency range | 50-4000Hz |
| Voice coil diameter | 64mm/2.5in |
| Chassis type | Pressed steel |
| Magnet type | Ferrite |
| Magnet weight | 1.2kg/42oz |
| 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 |

### Small Signal Parameters

| | |
|---|---|
| D | 0.26m/10.24in |
| Fs | 63Hz |
| Mms | 46.51g/1.64oz |
| Mmd | 39.60g/1.40oz |
| Qms | 6.70 |
| Qes | 0.54 |
| Qts | 0.50 |
| Re | 5.13 Ω |
| Vas | 54.5lt/1.92ft3 |
| Bl | 13.20Tm |
| Cms | 0.14mm/N |
| Rms | 2.76kg/s |
| Le (at 1kHz) | 0.84mH |

### Mounting Information

| | |
|---|---|
| Diameter | 309mm/12.17in |
| Overall depth | 130mm/5.12in |
| Cut-out diameter | 283mm/11.14in |
| Mounting slot dimensions | Ø 7.9/0.31 |
| Number of mounting slots | 4 |
| Mounting PCD range | 297mm/11.69in |
| Unit weight | 4.1kg/9.0lb |

### Packed Dimensions & Weight

| | |
|---|---|
| Single pack size W x D x H | 330mm x 330mm x 150mm /13.0in x 13.0in x 5.9in |
| Single pack weight | 5kg/11lb |
| Multipack (60) size W x D x H | 1080mmx980mmx880mm /42.5in x 38.6in x 34.6in |
| Multipack (60) weight | 290kg/638lb |

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