

### TF1530SL

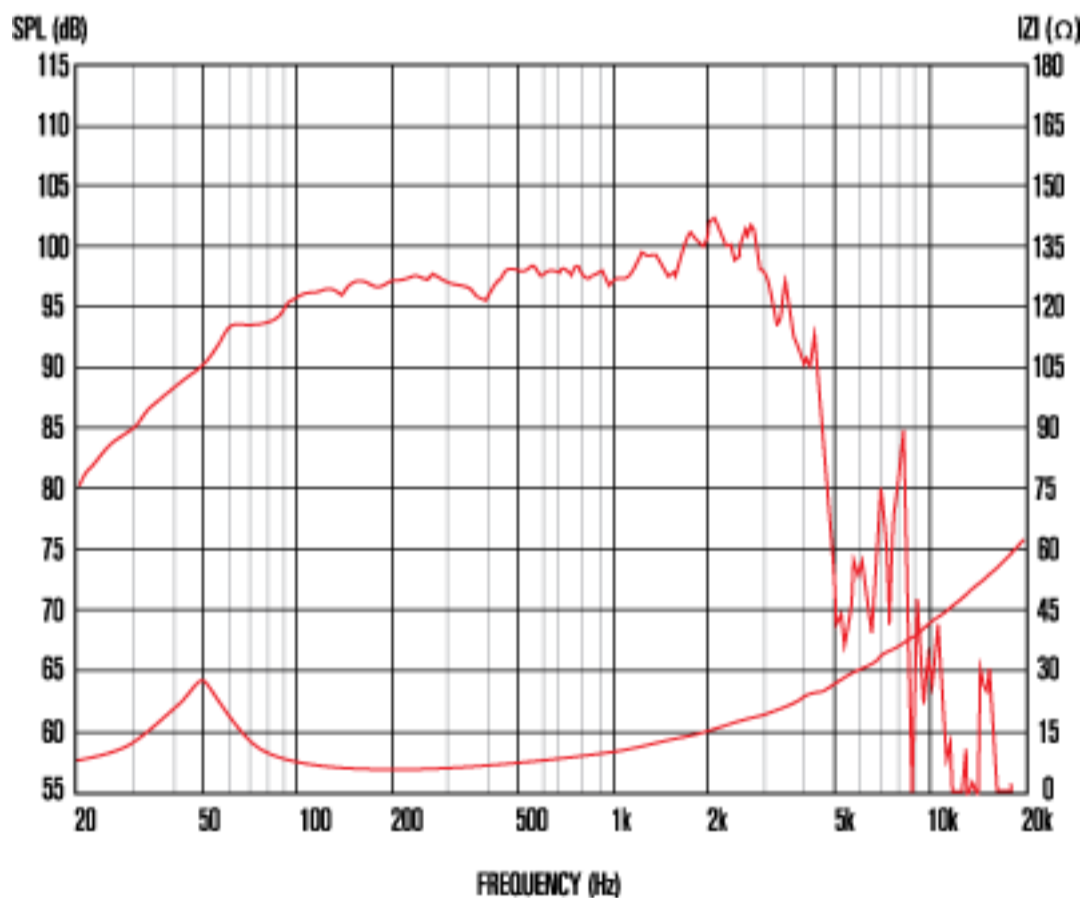


#### Features

- 15" Bass and mid-range driver providing 97dB sensitivity and 300Wrms (AES standard) power handling
- 3" high temperature copper voice coil wound on polyimide for increased reliability
- Finite Element analysis techniques used to optimise magnet assembly, resulting in lower mass than typical ferrite units
- Reduced inductive rise, leading to greater mid-range sensitivity; beneficial for many 15" driver applications
- Kevlar-loaded cone with sealed surround and damping for reduced distortion.
- Double roll surround provides exceptional linearity at extremes of cone excursion
- For use in 2-way or compact 3-way systems

#### 8 Frequency Response

T5836A Lab Std (GS1704) with chamber correction curve



#### General Specifications

|                                      |                     |
|--------------------------------------|---------------------|
| Nominal diameter                     | 381mm/15in          |
| Power rating <sup>1</sup>            | 350Wrms             |
| Continuous power rating <sup>2</sup> | 700W                |
| EIA power rating <sup>3</sup>        | 500                 |
| Nominal impedance                    | 8                   |
| Sensitivity <sup>4</sup>             | 98dB                |
| Frequency range                      | 40-3000Hz           |
| Voice coil diameter                  | 75mm/3in            |
| Chassis type                         | Pressed Steel       |
| Magnet type                          | Ferrite             |
| Coil material                        | Round copper        |
| Former material                      | Polyimide           |
| Cone material                        | Kevlar loaded paper |
| Surround material                    | Cloth-sealed        |
| Suspension                           | Single              |
| Xmax <sup>5</sup>                    | 4mm/0.16in          |
| Gap depth                            | 8mm/0.31in          |
| Voice coil winding width             | 16mm/0.63in         |

#### Small Signal Parameters

|              |                              |
|--------------|------------------------------|
| D            | 0.33m/12.99in                |
| Fs           | 40.7Hz                       |
| Mms          | 89.78g/3.17oz                |
| Qms          | 3.302                        |
| Qes          | 0.427                        |
| Mmd          | 75.62g/2.67oz                |
| Qts          | 0.378                        |
| Re           | 5.04Ω                        |
| Vas          | 176.08lt/6.22ft <sup>3</sup> |
| Bl           | 16.45Tm                      |
| Cms          | 0.17mm/N                     |
| Rms          | 6.958kg/s                    |
| Le (at 1kHz) | 0.93mH                       |

#### Mounting Information

|                          |                       |
|--------------------------|-----------------------|
| Overall diameter         | 385mm/15.16in         |
| Overall depth            | 161mm/6.34in          |
| Cut-out diameter         | 352mm/13.86in         |
| Mounting slot dimensions | 9.4x6.2mm/0.37x0.24in |
| Number of mounting slots | 8                     |
| Mounting PCD range       | 369mm/14.57in         |
| Unit weight              | 5kg/11lb              |