

LF Loudspeakers

TF1525E



15-inch pressed steel chassis, ferrite magnet bass/mid driver

- 15in speaker driver provides extended low frequency range

600W

Continuous power rating

97dB

sensitivity

2.5in

Edgewound coil copper voice

General Specifications

| | |
|-------------------------|---------------------|
| Nominal Diameter | 381mm / 15in |
| Power Rating | 300W |
| Continuous power rating | 600W |
| EIA power rating | 450W |
| Rated impedance | 8 ohm |
| Sensitivity | 97dB |
| Frequency range | 45-3500Hz |
| Chassis type | Pressed steel |
| Magnet type | Ferrite |
| Magnet weight | 1.4kg / 50oz |
| Voice coil diameter | 64mm / 2.5in |
| Voice coil material | Edgewound copper |
| Former material | Glass fibre |
| Cone material | Kevlar loaded paper |
| Surround material | Cloth-sealed |
| Suspension | Single |
| Gap height (Hg) | 8mm / 0.31in |
| VC winding height (Hvc) | 14.5mm / 0.57in |
| Additional impedances | 4 ohm |

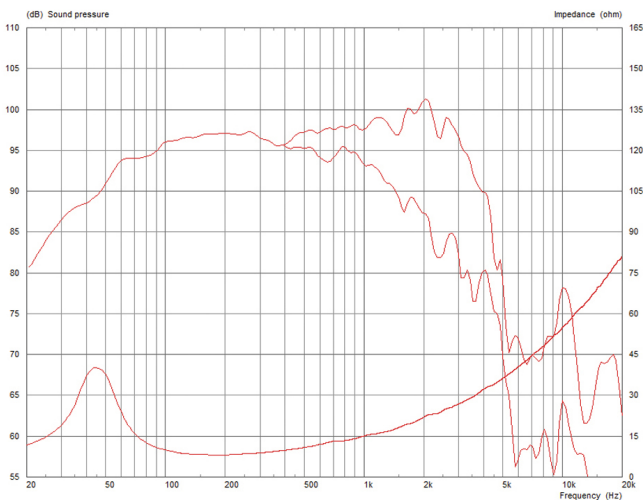
Parameters

| | |
|--------------|---|
| Sd | 855.30cm ² / 132.57in ² |
| Fs | 47.50Hz |
| Mms | 82.07g / 2.89oz |
| Qms | 4.486 |
| Qes | 0.529 |
| Qts | 0.473 |
| Re | 6.82 ohm |
| Vas | 141.77l / 5.01ft ³ |
| Bl | 17.78Tm |
| Cms | 0.14mm/N |
| Rms | 5.46kg/s |
| Le (at 1kHz) | 1.31mH |
| Xmax | 5.25mm / 0.21in |

Mounting Information

| | |
|--------------------------|-------------------------|
| Overall diameter | 385mm / 15.16in |
| Overall depth | 163mm / 6.4in |
| Cut-out diameter | 352mm / 13.86in |
| Mounting hole dimensions | 9.2x6.2mm / 0.36x0.24in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 369mm / 14.56in |
| Unit weight | 4.8kg / 10.6lb |

Frequency Response and Impedance Curves



Power rating: 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.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2? anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

Packed Dimensions & Weight

| | |
|----------------------------|---|
| Single pack size W x D x H | 410mm x 410mm x 180mm / x 16.1in 16.1in x 7.1in |
| Single pack weight | 5.5kg / 12.1lb |
| Multi pack qty | 45 |
| Multi pack size W x D x H | 1200mm x 1000mm x 980mm / 47.2in x 39.4in x 38.6in |
| Multi pack weight | 245kg / 515lb |