

### TF1225

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



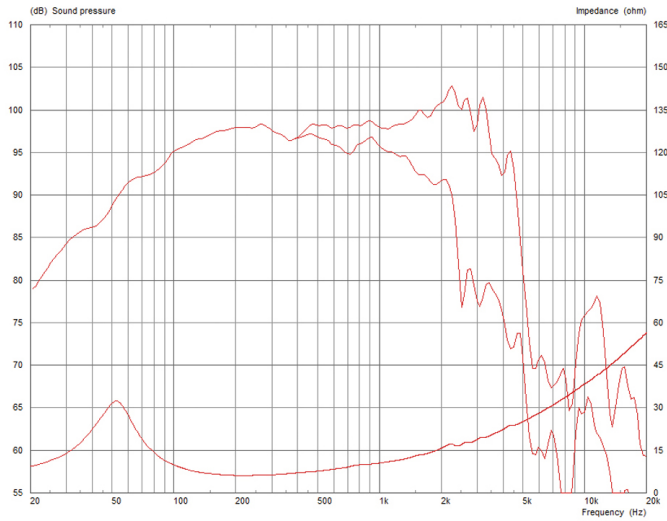
### General Specifications

|                         |                     |
|-------------------------|---------------------|
| Nominal Diameter        | 305mm / 12in        |
| Power Rating            | 250W                |
| Continuous power rating | 500W                |
| EIA power rating        | 400W                |
| Rated impedance         | 8 $\Omega$          |
| Sensitivity             | 97dB                |
| Frequency range         | 50-4000Hz           |
| Chassis type            | Pressed steel       |
| Magnet type             | Ferrite             |
| Magnet weight           | 1.2kg / 42oz        |
| Voice coil diameter     | 64mm / 2.5in        |
| Voice coil material     | Round copper        |
| Former material         | Polyimide           |
| Cone material           | Kevlar loaded paper |
| Surround material       | Cloth-sealed        |
| Suspension              | Single              |
| Gap height (Hg)         | 8mm / 0.31in        |
| VC winding height (Hvc) | 13mm / 0.51in       |
| Additional impedances   | 4                   |

### Mounting Information

|                          |                 |
|--------------------------|-----------------|
| Overall diameter         | 309mm / 12.17in |
| Overall depth            | 130mm / 5.1in   |
| Cut-out diameter         | 283mm / 11.14in |
| Mounting hole dimensions | 7.9mm / 0.31in  |
| Number of mounting holes | 4               |
| Mounting hole PCD        | 297mm / 11.69in |
| Unit weight              | 4.1kg / 9.0lb   |

## Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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.

$X_{max} = 0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$

## Parameters

|              |  |
|--------------|--|
| Sd           | 530.93cm <sup>2</sup> / 82.29in <sup>2</sup> |
| Fs           | 55.60Hz                                      |
| Mms          | 48.52g / 1.71oz                              |
| Qms          | 3.112  |
| Qes          | 0.420  |
| Qts          | 0.370  |
| Re           | 5.08 Ω                                       |
| Vas          | 67.27l / 2.38ft <sup>3</sup>                 |
| Bi           | 14.32Tm                                      |
| Cms          | 0.17mm/N                                     |
| Rms          | 5.45kg/s                                     |
| Le (at 1kHz) | 0.86mH                                       |
| Xmax         | 4.5mm / 0.18in                               |

## Packed Dimensions & Weight

|                            |   |
|----------------------------|---|
| Single pack size W x D x H | 330mm x 330mm x 150mm / 13in x 13in x 5.9in       |
| Single pack weight         | 4.6kg / 10.1lb                                    |
| Multi pack qty             | 60  |
| Multi pack size W x D x H  | 1080mm x 980mm x 880mm / 42.5in x 38.6in x 34.6in |
| Multi pack weight          | 280kg / 615lb                                     |

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