

TF0818

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



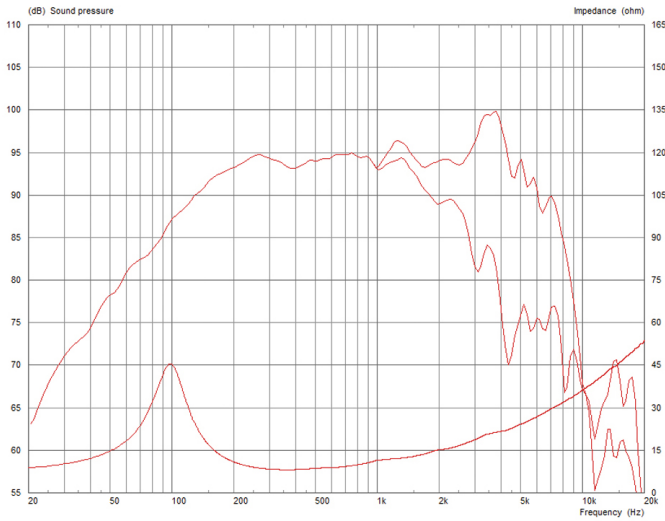
General Specifications

| | |
|-------------------------|---------------------|
| Nominal Diameter | 203mm / 8in |
| Power Rating | 100W |
| Continuous power rating | 200W |
| EIA power rating | 150W |
| Rated impedance | 8 Ω |
| Sensitivity | 94dB |
| Frequency range | 70-6000Hz |
| Chassis type | Pressed steel |
| Magnet type | Ferrite |
| Magnet weight | 0.88kg / 31oz |
| Voice coil diameter | 44mm / 1.75in |
| Voice coil material | Round copper |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Cloth-sealed |
| Suspension | Single |
| Gap height (Hg) | 6mm / 0.24in |
| VC winding height (Hvc) | 13mm / 0.51in |
| Additional impedances | 4 , 16 |

Mounting Information

| | |
|--------------------------|-------------------------|
| Overall diameter | 208mm / 8.19in |
| Overall depth | 99mm / 3.9in |
| Cut-out diameter | 183mm / 7.2in |
| Mounting hole dimensions | 9.5x5.5mm / 0.37x0.22in |
| Number of mounting holes | 4 |
| Mounting hole PCD | 195-199mm / 7.68-7.83in |
| Unit weight | 2.3kg / 5.1lb |

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 | 226.98cm ² / 35.18in ² |
| Fs | 100.00Hz |
| Mms | 19.57g / 0.69oz |
| Qms | 3.311 |
| Qes | 0.493 |
| Qts | 0.429 |
| Re | 6.72 Ω |
| Vas | 9.44l / 0.33ft ³ |
| Bi | 12.95Tm |
| Cms | 0.13mm/N |
| Rms | 3.72kg/s |
| Le (at 1kHz) | 0.75mH |
| Xmax | 5mm / 0.2in |

Packed Dimensions & Weight

| | |
|----------------------------|---|
| Single pack size W x D x H | 230mm x 230mm x 110mm / 9.1in x 9.1in x 4.3in |
| Single pack weight | 2.8kg / 6.2lb |
| Multi pack qty | 140 |
| Multi pack weight | 350kg / 770lb |

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