

# LF Pressed Chassis / Ferrite

# **TF0818**

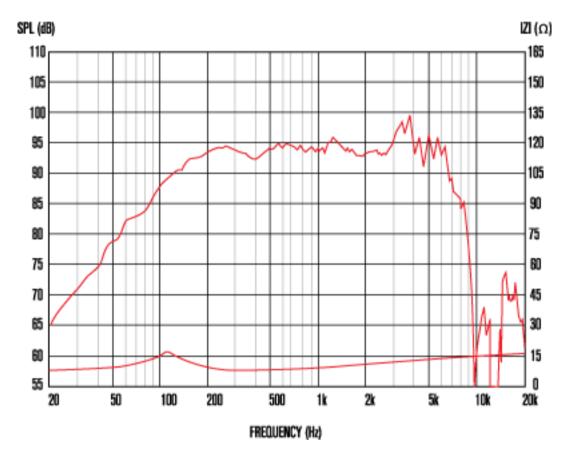






• 8" low frequency driver providing 94dB sensitivity and 100Wrms

#### 8 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. Continuous Power Rating is defined as 3dB greater than the AES rating.
- 3. Tested as per the EIA-426-A standard.
- 4. Measured on axis at 1W, 1m in 2Î anechoic environment.
- 5. Xmax derived from: (voice coil winding width-gap depth)/2.
- 6. Small signal parameters measured after unit subjected to pre-conditioning signal.

### **General Specifications**

Nominal diameter	203mm/8in
Power rating <sup>1</sup>	100Wrms
Continuous power rating <sup>2</sup>	200W
EIA power rating <sup>3</sup>	150W
Nominal impedance	8
Sensitivity <sup>4</sup>	94dB
Frequency range	70-6,000Hz
Voice coil diameter	44mm/1.75in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.88kg/31oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ₅	3.5mm/0.14in
Gap depth	6mm/0.24in
Voice coil winding width	13mm/0.51in

#### **Small Signal Parameters**

D	0.17m/6.69ir
Fs	100Hz
Mms	19.57g/0.69oz
Qms	3.311
Qes	0.493
Mmd	15.60g/0.55oz
Qts	0.429
Re	6.72
Vas	9.441lt/0.33ft3
BI	12.95Tm
Cms	0.13mm/N
Rms	3.72kg/s
Le (at 1kHz)	0.75mH

### **Mounting Information**

Overall diameter 208mm/8.19in
Overall depth 99mm/3.54in
Cut-out diameter 183mm/7.20in
Mounting slot dimensions 9.5mm x 5.5mm/0.37in x 0.22in
Number of mounting slots 4
Mounting PCD range 195-199mm/7.68-7.83in
Unit weight 2.3kg/5.1lb

## **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 size W x D x H

1070mmx850mmx860mm

Multi pack weight

350kg/770lb



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