



TF0818MR

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	203mm/8in
Power rating ¹	100Wrms
Nominal impedance	8Ω
Sensitivity ²	99dB
Frequency range	800-5000Hz
Voice coil diameter	45mm/1.75in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.57kg/20oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Treated paper
Suspension	Single
Xmax	n/a
Gap depth	n/a
Voice coil winding width	n/a

Small Signal Parameters

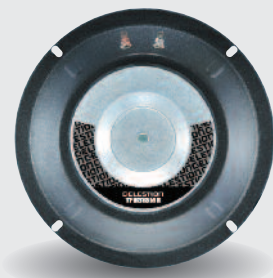
D	n/a
Fs	450Hz
Mair	n/a
Mmd	n/a
Qms	n/a
Qes	n/a
Qts	n/a
Re	6.70Ω
Vas	n/a
Bl	n/a
Cms	n/a
Rms	n/a
Le (at 1kHz)	0.34mH

Mounting Information

Overall diameter	208mm/8.19in
Overall depth	85mm/3.35in
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	1.9kg/4.2lb

Packed Dimensions & Weight

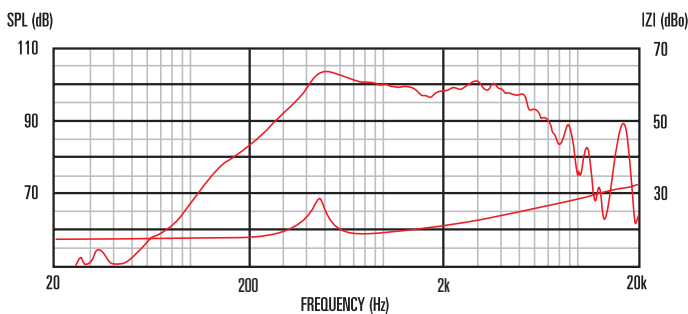
Single pack size W x D x H	230mm x 230mm x 1100mm
	/9.1in x 9.1in x 4.3in
Single pack weight	3kg/6.6lb
Multi pack (140) size W x D x H	1070mm x 850mm x 860mm
	/42.1in x 33.5in x 33.9in
Multi pack (140) weight	290kg/640lb



Features

- 8" mid-range loudspeaker provides 99dB sensitivity and 100Wrms (AES standard) power handling
- 1.75" high temperature copper voice coil wound on polyimide former for increased reliability
- Designed for use in large 3-way systems
- Closed back chassis simplifies cabinet manufacture, eliminating need for separate mid-range enclosure

Frequency Response and Impedance Curves



Measured - 1W @ 1m, 2π

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. Measured on axis at 1W, 1m in 2π anechoic environment.