



TF0510MR

Ferrite magnet steel chassis driver

General Specifications

Nominal diameter	127mm/5in
Power rating ¹	30Wrms
Nominal impedance	8Ω
Sensitivity ²	91dB
Frequency range	400-4000Hz
Voice coil diameter	25mm/1in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.37kg/13oz
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	482Hz
Mms	n/a
Mmd	n/a
Qms	n/a
Qes	n/a
Qts	n/a
Re	7.87Ω
Vas	n/a
Bl	n/a
Cms	n/a
Rms	n/a
Le (at 1kHz)	0.2mH

Mounting Information

Overall diameter	136mm x 151mm/5.35in x 5.94in
Overall depth	68mm/2.68in
Cut-out diameter	117mm/4.61in
Mounting slot dimensions	Ø 4.5mm/0.18in
Number of mounting slots	4
Mounting PCD range	140mm/5.5in
Unit weight	1.2kg/2.6lb

Packed Dimensions & Weight

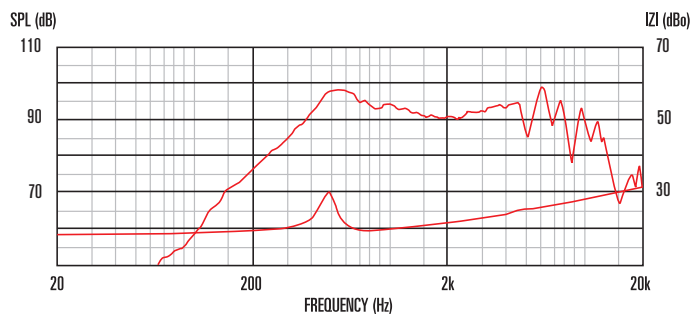
Multi pack (12) size W x D x H	320mm x 550mm x 190mm
	/12.6in x 21.7in x 7.5in
Multi pack (12) weight	13kg/29lb



Features

- 5" mid-range driver providing 91dB sensitivity and 30Wrms (AES standard) power handling
- 1" high temperature copper voice coil wound on polyimide former for increased reliability
- Very compact model suitable for use in 3-way systems
- Optimised to deliver detailed reproduction of mid-range frequencies
- 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.
 3. Xmax derived from: (voice coil winding width-gap depth)/2.
 4. Small signal parameters measured after unit subjected to pre-conditioning signal.