



FTR15-3070E

Ferrite magnet aluminium chassis driver

General Specifications

Nominal diameter	381mm/15in
Power rating ¹	400Wrms
Nominal impedance	8Ω
Sensitivity ²	97dB
Frequency range	40-4000Hz
Voice coil diameter	75mm/3in
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	2.3kg/81oz
Coil material	Round copper
Former material	Glass fibre
Cone material	Glass loaded paper with weather-resistant impregnation
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	5.5mm/0.22in
Gap depth	9mm/0.35in
Voice coil winding width	20mm/0.79in

Small Signal Parameters

D	0.33m/8.38in
Fs	45.3Hz
Mms	88.69g/3.13oz
Mmd	74.54g/2.63oz
Qms	3.07
Qes	0.46
Qts	0.40
Re	5.36Ω
Vas	143.85lt/5.08ft ³
Bl	17.24Tm
Cms (mm/N)	0.14mm/N
Rms	8.22kg/s
Le (at 1kHz)	1.3mH

Mounting Information

Overall diameter	385mm/15.16in
Overall depth	161mm/6.34in
Cut-out diameter	351mm/13.82in
Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Number of mounting slots	8
Mounting slot PCD range	365-375mm/14.37-14.76in
Unit weight	6.4kg/14.1lb

Packed Dimensions & Weight

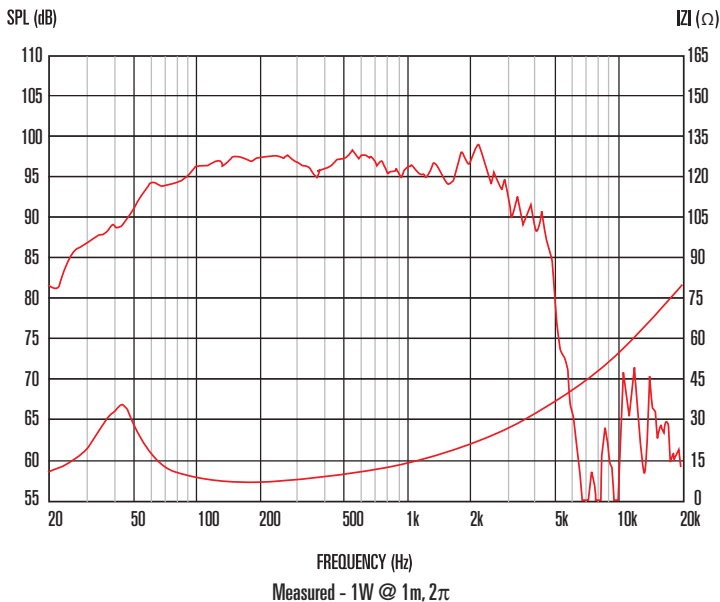
Single pack size W x D x H	435mm x 435mm x 200mm
	/17.1in x 17.1in x 7.9in
Single pack weight	7.7kg/17.0lb
Multipack (36) size W x D x H	1210mm x 1050mm x 980mm
	/47.6in x 41.3in x 35.4in
Multipack (36) weight	278kg/613lb



Features

- 15" ferrite woofer provides 400Wrms power handling (AES Standard) and 97dB sensitivity
- 3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- Flexirol™ surround for greater excursion control
- Low frequency response, down to 40Hz
- Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

Frequency Response and Impedance Curves



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.