



FTR15-3070C

Ferrite magnet cast aluminium chassis driver

General Specifications

Nominal diameter (mm/in)	381mm/15in
Power rating ¹	400Wrms
Nominal impedance	8Ω
Sensitivity ²	99dB
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	3mm/0.12in
Gap depth	10mm/0.39in
Voice coil winding width	16mm/0.63in

Small Signal Parameters

D	0.33m/12.99in
Fs	40Hz
Mms	84.15g/2.97oz
Mmd	70.00g/2.47oz
Qms	7.10
Qes	0.38
Qts	0.36
Re	6.50Ω
Vas	208.0lt/7.34ft ³
Bl	18.70Tm
Cms	0.20mm/N
Rms	2.86kg/s
Le (at 1kHz)	0.59mH

Mounting Information

Overall diameter	387mm/15.24in
Overall depth	158mm/6.22in
Cut-out diameter	351mm/13.82in
Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Number of mounting slots	8
Mounting PCD range	365-375mm/14.37-14.76in
Unit weight	6.3kg/13.8lb

Packed Dimensions & Weight

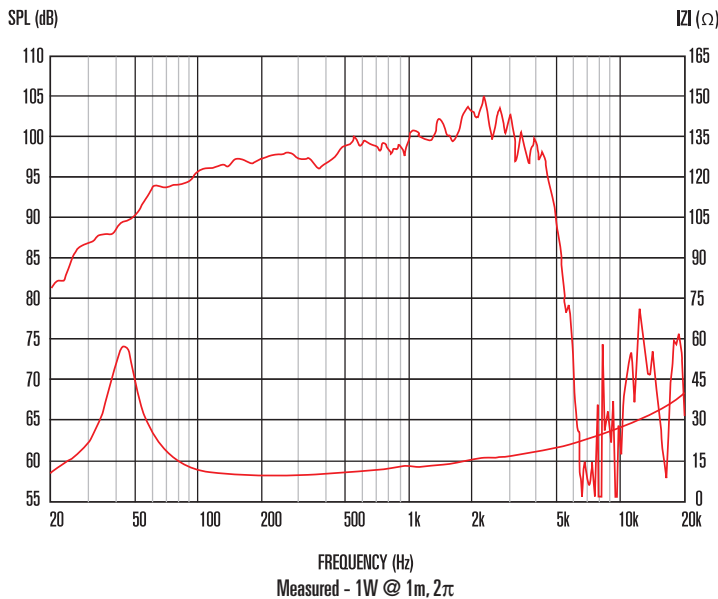
Single pack size W x D x H	435mm x 435mm x 200mm
	/17.1in x 17.1in x 7.9in
Single pack weight	7.7kg/17.0lb
Multi pack (36) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (36) weight	278kg/613lb



Features

- 15" ferrite woofer provides 400Wrms power handling (AES Standard) and 99dB sensitivity
- 3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- Flexirol™ surround for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Low frequency response, down to 40Hz
- Smart chassis design minimises acoustic distortion

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.