

LF Cast Chassis / Ferrite

FTR15-3070E



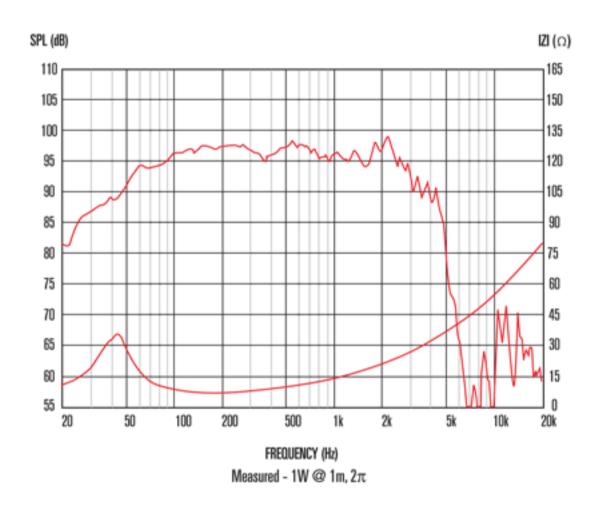




Features

- 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
- FlexirolTM surround for greater excursion control
- Low frequency response, down to 40Hz
- · Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

8 Frequency Response



- 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 2 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.

General Specifications

Nominal diameter 381mm/15in Power rating ¹ 400Wrms 8 Nominal impedance Sensitivity 2 97dB Frequency range 40-4000Hz 75mm/3in Voice coil diameter Cast aluminium Chassis type 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

20mm/0.79in

Small Signal Parameters

Voice coil winding width

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	5.36
Vas	143.85lt/5.08ft3
ВІ	17.24Tm
Cms	0.14mm/N
Rms	8.22kg/s
Le (at 1kHz)	1.3mH

Mounting Information

Diameter385mm/15.16inOverall depth161mm/6.34inCut-out diameter351mm/13.82inMounting slot dimensions10mm x 7mm/0.39in x 0.27inNumber of mounting slots8Mounting PCD range365-375mm/14.37-14.76inUnit weight6.4kg/14.1lb

Packed Dimensions & Weight

Multipack (36) 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

1210mmx1050mmx980mm

/47.6in x 41.3in x 35.4in



278kg/613lb

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom