

LF Cast Chassis / Ferrite

FTR15-4080FD



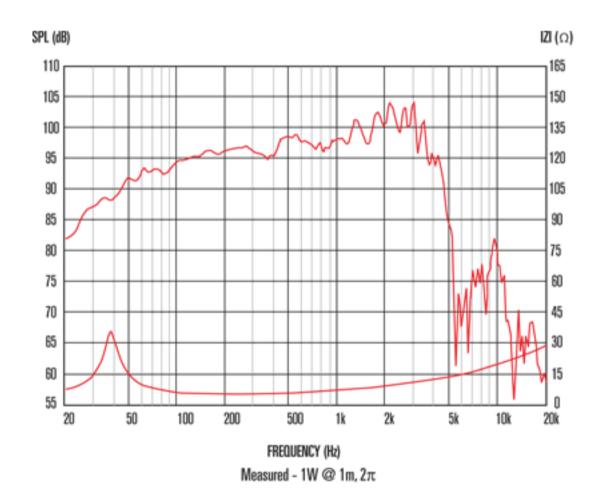




Features

- 15" ferrite woofer provides 1000Wrms power handling (AES Standard) and 97dB sensitivity
- 4" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- FlexirolTM surround for greater excursion control
- Double suspension for exceptional linearity at the highest excursions
- Low frequency response, down to 35Hz
- · Smart chassis design minimises acoustic distortion

Frequency Response



- 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 2 anechoic environment.
- 3. Xmax derived from: (voice coil winding width-gap depth)/2.

General Specifications

Nominal diameter 381mm/15in Power rating ¹ 1000Wrms 8 Nominal impedance Sensitivity 2 97dB Frequency range 35-2500Hz 100mm/4in Voice coil diameter Cast Aluminium Chassis type Magnet type **Ferrite** Magnet weight 3.1kg/110oz Coil material Round copper Former material Glass fibre Cone material Glass loaded paper with weather-resistant impregnation

Cloth-sealed

Suspension Double 6mm/0.24in Xmax 3 Gap depth 10mm/0.39in Voice coil winding width 22mm/0.87in

Small Signal Parameters

Surround material

D 0.33m/12.99in Fs 34.3Hz 126.39g/4.46oz Mms Mmd 112.24g/3.96oz Qms Qes 0.27 Qts 0.25 Re 5.37 140.0lt/4.94ft3 Vas ВΙ 22.89Tm Cms 0.17mm/N Rms 8.162kg/s 1.38mH Le (at 1kHz)

Mounting Information

385mm/15.16in Diameter 170mm/6.69in Overall depth Cut-out diameter 351mm/13.82in Mounting slot dimensions 10mm x 7mm/0.39in x 0.27in Number of mounting slots Mounting PCD range 365-375mm/14.37-14.76in Unit weight 9.5kg/20.9lb

Packed Dimensions & Weight

435mm x 435mm x 200mm Single pack size W x D x H /17.1in x 17.1in x 7.9in

10.8kg/23.8lb

Single pack weight Multipack (36) size W x D x H 1200mm x 1000mm x 980mm

/47.2in x 39.4in x 38.6in

Multipack (36) weight 390kg/860lb



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