

## LF Cast Chassis / Ferrite

# FTR18-4080F



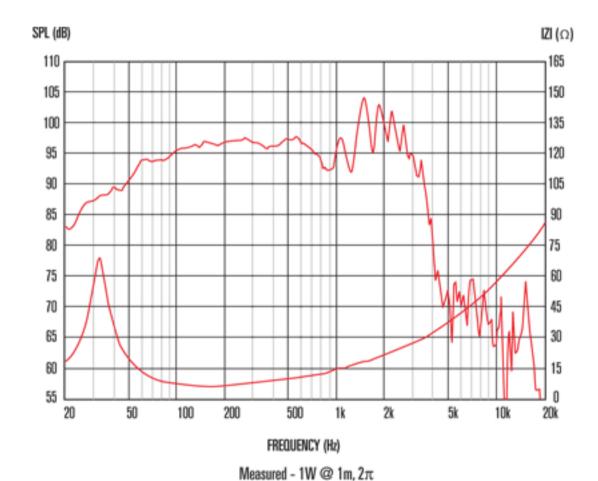




#### Features

- 18" ferrite woofer provides 600Wrms 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
- Low frequency response, down to 30Hz
- · 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.

#### **General Specifications**

457mm/18in Nominal diameter Power rating <sup>1</sup> 600Wrms 8 Nominal impedance Sensitivity 2 97dB Frequency range 30-3000Hz Voice coil diameter 100mm/4in Chassis type Cast Aluminium 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

Surround material Cloth-sealed

22mm/0.87in

Suspension Single
Xmax <sup>3</sup> 6mm/0.24in
Gap depth 10mm/0.39in

# Small Signal Parameters

Voice coil winding width

D	0.38m/14.96in
Fs	32.7Hz
Mms	158.22g/5.58oz
Mmd	136.61g/4.82oz
Qms	5.24
Qes	0.32
Qts	0.30
Re	5.31
Vas	271.99lt/9.6ft3
BI	23.31Tm
Cms	0.15mm/N
Rms	6.21kg/s
Le (at 1kHz)	1.46mH

## **Mounting Information**

Diameter 462mm/18.19in

Overall depth 205mm/8.07in

Cut-out diameter 416mm/16.38in

Mounting slot dimensions 10mm x 7mm/0.39in x 0.27in

Number of mounting slots 8

Mounting PCD range 429-440mm/16.89-17.32in

Unit weight 9.7kg/21.4lb

### **Packed Dimensions & Weight**

Single pack size W x D x H 500mm x 500mm x 240mm

/19.7in x 19.7in x 9.4in

Single pack weight 11.5kg/25.4lb

Multi pack (24) size W x D x H 1500mm x 1000mm x 980mm

/59.1in x 39.4in x 38.6in

Multi pack (24) weight 276kg/608lb



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