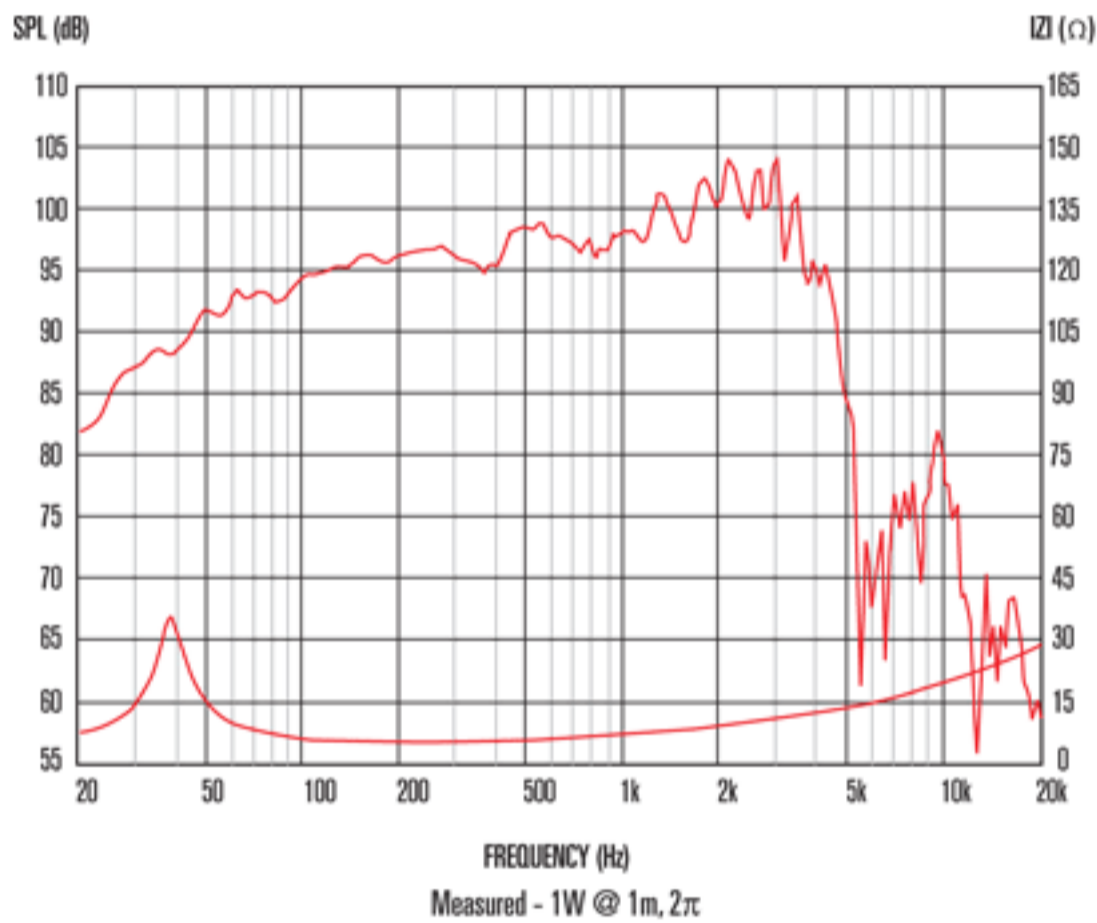


### FTR15-4080FD



- Ferrite 15 inch 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
- Flexirol<sup>TM</sup> 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

#### 8 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. Continuous Power Handling is defined as 3dB greater than the AES rating.
3. Measured on axis at 1W, 1m in 2<sup>l</sup> anechoic environment.
4. X<sub>max</sub> derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

Nominal diameter	381mm/15in
Power rating <sup>1</sup>	1000Wrms
Continuous power rating <sup>2</sup>	2000W
Nominal impedance	8
Sensitivity <sup>3</sup>	97dB
Frequency range	35-2500Hz
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
Suspension	Double
X <sub>max</sub> <sup>4</sup>	6mm/0.24in
Gap depth	10mm/0.39in
Voice coil winding width	22mm/0.87in

#### Small Signal Parameters

D	0.33m/12.99in
F <sub>s</sub>	34.3Hz
M <sub>ms</sub>	126.39g/4.46oz
Q <sub>ms</sub>	3.27
Q <sub>es</sub>	0.27
M <sub>md</sub>	112.24g/3.96oz
Q <sub>ts</sub>	0.25
R <sub>e</sub>	5.37Ω
V <sub>as</sub>	140.0lt/4.94ft <sup>3</sup>
B <sub>l</sub>	22.89Tm
C <sub>ms</sub>	0.17mm/N
R <sub>ms</sub>	8.162kg/s
L <sub>e</sub> (at 1kHz)	1.38mH

#### Mounting Information

Overall diameter	385mm/15.16in
Overall depth	170mm/6.69in
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	9.5kg/20.9lb

#### 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	10.8kg/23.8lb
Multi pack size W x D x H	1200mm x 1000mm x 980mm /47.2in x 39.4in x 38.6in
Multi pack weight	390kg/860lb