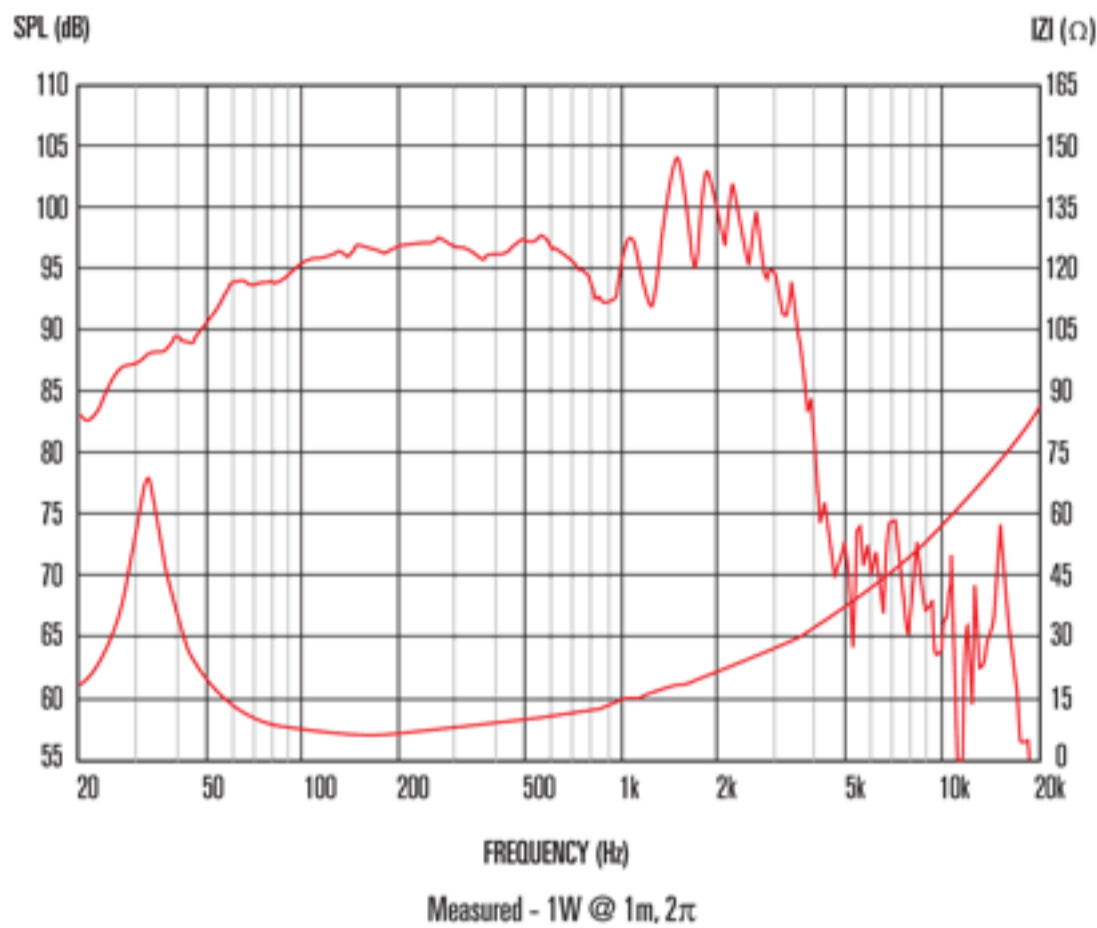


### FTR18-4080F



- Ferrite 18 inch 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
- Flexirol™ 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



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. Tested as per the EIA-426-A standard.
4. Measured on axis at 1W, 1m in 2<sup>l</sup> anechoic environment.
5. X<sub>max</sub> derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

Nominal diameter	457mm/18in
Power rating <sup>1</sup>	600Wrms
Continuous power rating <sup>2</sup>	1200W
EIA power rating <sup>3</sup>	800W
Nominal impedance	8
Sensitivity <sup>4</sup>	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
Suspension	Single
X <sub>max</sub> <sup>5</sup>	6mm/0.24in
Gap depth	10mm/0.39in
Voice coil winding width	22mm/0.87in

#### Small Signal Parameters

D	0.38m/14.96in
F <sub>s</sub>	32.7Hz
M <sub>ms</sub>	158.22g/5.58oz
Q <sub>ms</sub>	5.24
Q <sub>es</sub>	0.32
M <sub>md</sub>	136.61g/4.82oz
Q <sub>ts</sub>	0.30
Re	5.31Ω
V <sub>as</sub>	271.99lt/9.6ft <sup>3</sup>
Bl	23.31Tm
C <sub>ms</sub>	0.15mm/N
R <sub>ms</sub>	6.21kg/s
Le (at 1kHz)	1.46mH

#### Mounting Information

Overall diameter	452mm/17.8in
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 size W x D x H	500mm x 500mm x 240mm /19.7in x 19.7in x 9.4in
Multi pack weight	11.5kg/25.4lb