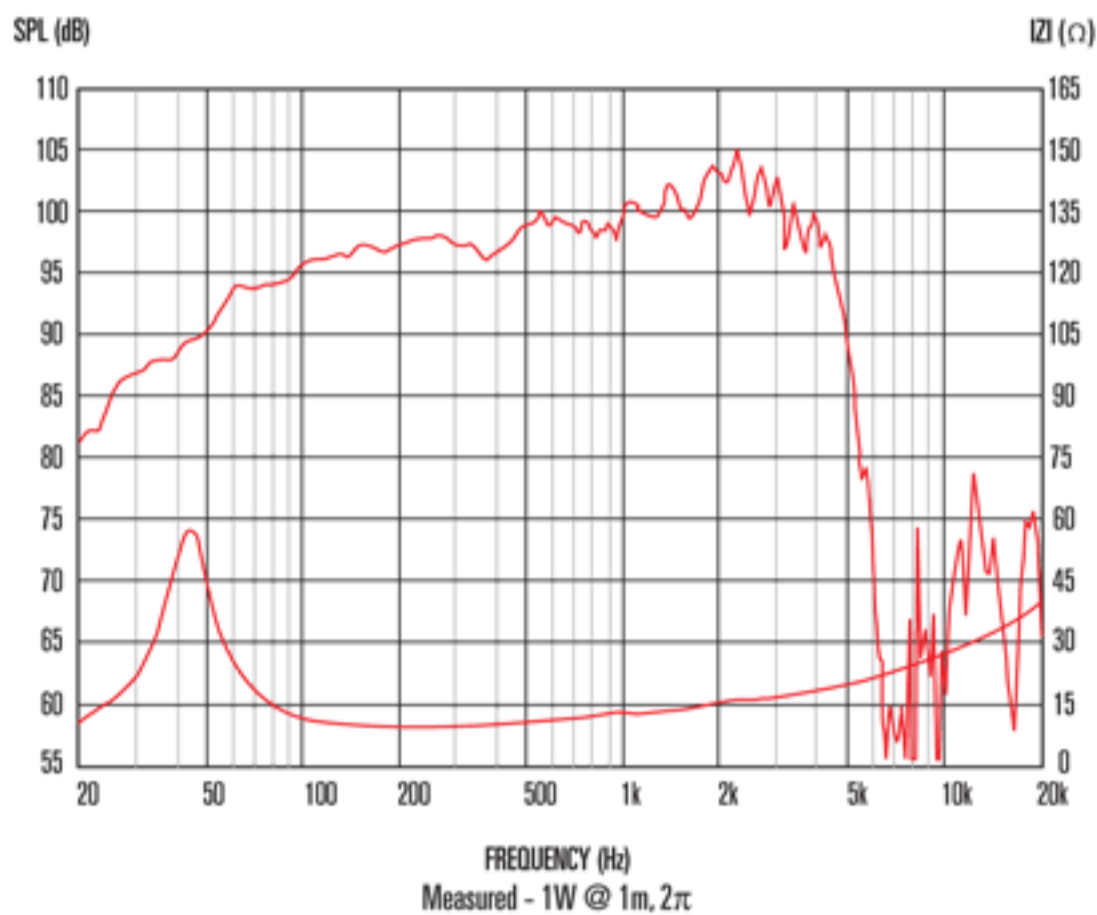


### FTR15-3070C



- 15 inch woofer provides 400Wrms power handling (AES Standard) and 99dB sensitivity
- 3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- Flexirol™ surround for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Low frequency response, down to 40Hz
- 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. 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	381mm/15in
Power rating <sup>1</sup>	400Wrms
Continuous power rating <sup>2</sup>	800W
EIA power rating <sup>3</sup>	550W
Nominal impedance	8
Sensitivity <sup>4</sup>	99dB
Frequency range	40-4000Hz
Voice coil diameter	75mm/3in
Chassis type	Cast Aluminium
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
X <sub>max</sub> <sup>5</sup>	3mm/0.12in
Gap depth	10mm/0.39in
Voice coil winding width	16mm/0.63in

#### Small Signal Parameters

D	0.33m/12.99in
F <sub>s</sub>	40Hz
M <sub>ms</sub>	84.15g/2.97oz
Q <sub>ms</sub>	7.10
Q <sub>es</sub>	0.38
M <sub>md</sub>	70.00g/2.47oz
Q <sub>ts</sub>	0.36
Re	6.50Ω
V <sub>as</sub>	208.0lt/7.34ft <sup>3</sup>
Bl	18.70Tm
C <sub>ms</sub>	0.20mm/N
R <sub>ms</sub>	2.86kg/s
Le (at 1kHz)	0.59mH

#### Mounting Information

Overall diameter	385mm/15.16in
Overall depth	158mm/6.22in
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	6.3kg/13.8lb

#### 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	7.7kg/17.0lb
Multi pack size W x D x H	1200mmx1000mmx980mm /47.2in x 39.4in x 38.6in
Multi pack weight	278kg/613lb