

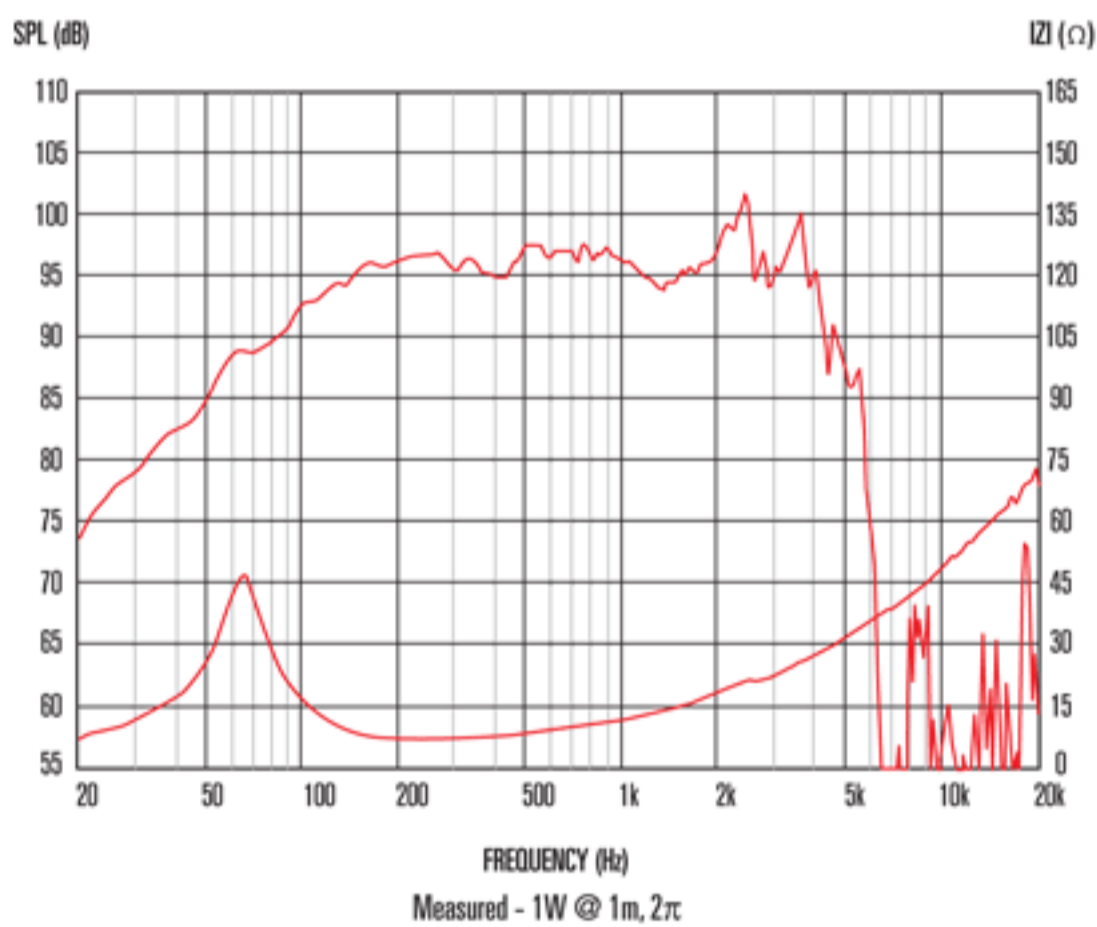
### FTR12-3070C



#### Features

- 12" ferrite mid/bass driver provides 350Wrms (AES standard) power handling and 96dB sensitivity
- 3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss due to thermal compression
- Low frequency response, down to 40Hz
- Intelligent heat management in both chassis and magnet assembly design further minimizes 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. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.
4. Small signal parameters measured after unit subjected to pre-conditioning signal.

#### General Specifications

|                           |  |
|---------------------------|--|
| Nominal diameter          | 305mm/12in   |
| Power rating <sup>1</sup> | 350Wrms  |
| Nominal impedance         | 8  |
| Sensitivity <sup>2</sup>  | 96dB   |
| 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   |
| Xmax <sup>3</sup>         | 3mm/0.12in   |
| Gap depth                 | 10mm/0.40in  |
| Voice coil winding width  | 16mm/0.63in  |

#### Small Signal Parameters <sup>4</sup>

|              |                             |
|--------------|-----------------------------|
| D            | 0.26m/10.24in               |
| Fs           | 66.1Hz                      |
| Mms          | 58.51g/2.07oz               |
| Mmd          | 51.59g/1.82oz               |
| Qms          | 2.90                        |
| Qes          | 0.375                       |
| Qts          | 0.332                       |
| Re           | 5.44                        |
| Vas          | 39.57lt/1.40ft <sup>3</sup> |
| Bl           | 18.78Tm                     |
| Cms          | 0.099mm/N                   |
| Rms          | 8.374kg/s                   |
| Le (at 1kHz) | 1.25mH                      |

#### Mounting Information

|                          |                              |
|--------------------------|------------------------------|
| Diameter                 | 318mm/12.5in                 |
| Overall depth            | 102mm/4.02in                 |
| Cut-out diameter         | 286mm/11.26in                |
| Mounting slot dimensions | 7.5mm x 6.5mm/0.3in x 0.26in |
| Number of mounting slots | 8                            |
| Mounting PCD range       | 298-304mm/11.7-12.0in        |
| Unit weight              | 6.3kg/13.9lb                 |

#### Packed Dimensions & Weight

|                               |   |
|-------------------------------|---|
| Single pack size W x D x H    | 350mm x 350mm x 180mm<br>/13.8in x 13.8in x 7.1in |
| Single pack weight            | 8.1kg/17.8lb                                      |
| Multipack (60) size W x D x H | 1210mmx1050mmx980mm<br>/47.6in x 41.3in x 35.4in  |
| Multipack (60) weight         | 400kg/880lb                                       |