

FTR15-3070E

15-inch, cast aluminium chassis, ferrite magnet LF driver



- Glass loaded paper cone with weather-resistant impregnation
- Airflow vented magnet assembly for dynamic heat dispersion

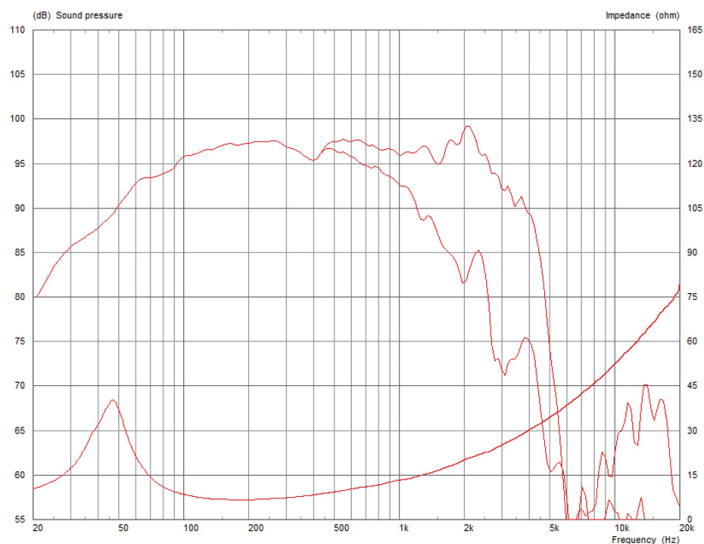
General Specifications

|                         |   |
|-------------------------|---|
| Nominal Diameter        | 381mm / 15in                            |
| Power Rating            | 400W                                    |
| Continuous power rating | 800W                                    |
| EIA power rating        | 500W                                    |
| Rated impedance         | 8 Ω                                     |
| Sensitivity             | 97dB                                    |
| Frequency range         | 40-4000Hz                               |
| Chassis type            | Cast aluminium                          |
| Magnet type             | Ferrite                                 |
| Magnet weight           | 2.3kg / 81oz                            |
| Voice coil diameter     | 75mm / 3in                              |
| Voice coil material     | Round copper                            |
| Former material         | Glass fibre                             |
| Cone material           | Glass loaded paper ( weather-resistant) |
| Surround material       | Cloth-sealed                            |
| Suspension              | Single                                  |
| Gap height (Hg)         | 9mm / 0.35in                            |
| VC winding height (Hvc) | 20mm / 0.79in                           |
| Additional impedances   | 4&ohm;                                  |

Mounting Information

|                          |                           |
|--------------------------|---------------------------|
| Overall diameter         | 385mm / 15.16in           |
| Overall depth            | 161mm / 6.3in             |
| Cut-out diameter         | 351mm / 13.82in           |
| Mounting hole dimensions | 10x7mm / 0.39x0.27in      |
| Number of mounting holes | 8                         |
| Mounting hole PCD        | 365-375mm / 14.37-14.76in |
| Unit weight              | 6.4kg / 14.1lb            |

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis |  
Secondary curve: Frequency response at 45° off axis

**Power rating:** 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.

**Continuous power rating:** Defined as 3dB greater than the AES rating.

**Sensitivity:** Measured on axis at 1W, 1m in 2? anechoic environment.

**Parameters:** Measured after unit subjected to pre-conditioning signal.

**Xmax:** 0.5\*(Hvc-Hg) + 0.25\*Hg

Parameters

|              |                                   |
|--------------|-----------------------------------|
| Sd           | 855.30cm2 / 132.57in <sup>2</sup> |
| Fs           | 45.90Hz                           |
| Mms          | 85.53g / 3.02oz                   |
| Qms          | 3.409                             |
| Qes          | 0.426                             |
| Qts          | 0.379                             |
| Re           | 5.52 Ω                            |
| Vas          | 145.75l / 5.15ft <sup>3</sup>     |
| Bi           | 17.87Tm                           |
| Cms          | 0.14mm/N                          |
| Rms          | 7.23kg/s                          |
| Le (at 1kHz) | 1.21mH                            |
| Xmax         | 7.75mm / 0.31in                   |

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 qty             | 36   |
| Multi pack size W x D x H  | 1210mm x 1050mm x 980mm / 47.6in x 41.3in x 35.4in |
| Multi pack weight          | 260kg / 570lb                                      |

