

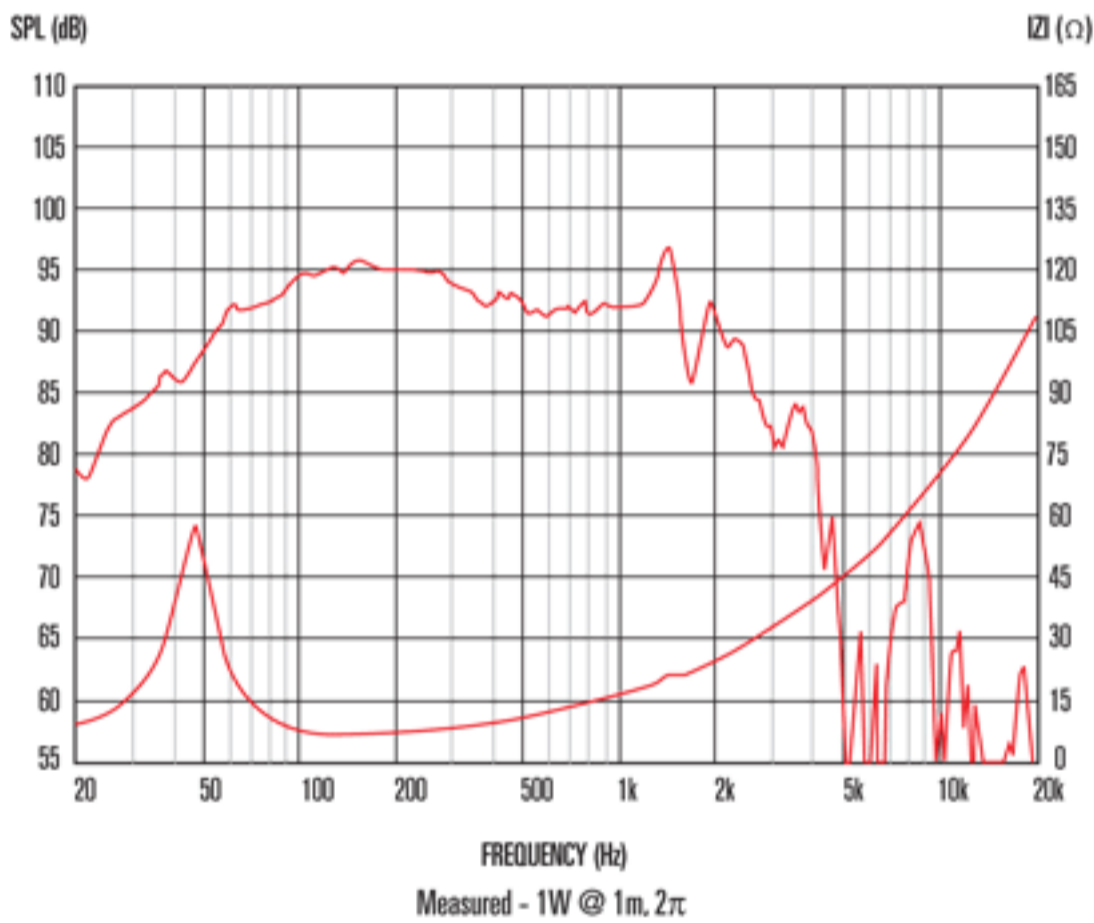
FTR15-4080HDX



Features

- 15" ferrite woofer provides 1000Wrms (AES standard) power handling and a frequency response of 40Hz-2500Hz
- 4" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression
- Double suspension and a "multi-roll" surround provide exceptional linearity at extremes of cone excursion
- Intelligent heat management in both chassis and magnet assembly design further minimizes distortion
- Less than 10kg – very low weight for this product class

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 | 381mm/15in |
| Power rating ¹ | 1000Wrms |
| Nominal impedance | 8 |
| Sensitivity ² | 96dB |
| Frequency range | 40-2500Hz |
| 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 |
| Xmax ³ | 8mm/0.33in |
| Gap depth | 9.5mm/0.37in |
| Voice coil winding width | 25mm/0.99in |

Small Signal Parameters ⁴

| | |
|--------------|------------------|
| D | 0.33m/12.99in |
| Fs | 40.5Hz |
| Mms | 153.53g/5.42oz |
| Mmd | 139.38g/4.92oz |
| Qms | 3.98 |
| Qes | 0.36 |
| Qts | 0.33 |
| Re | 5.10 |
| Vas | 104.27lt/3.68ft3 |
| Bl | 23.53Tm |
| Cms | 0.10mm/N |
| Rms | 9.81kg/s |
| Le (at 1kHz) | 1.8mH |

Mounting Information

| | |
|--------------------------|----------------------------|
| Diameter | 385mm/15.16in |
| Overall depth | 180mm/7.1in |
| 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 | 9.7kg/21.3lb |

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 | 11.5kg/25.4lb |
| Multipack (36) size W x D x H | 1210mmx1050mmx980mm /47.6inx41.3inx35.4in |
| Multipack (36) weight | 380kg/836lb |