

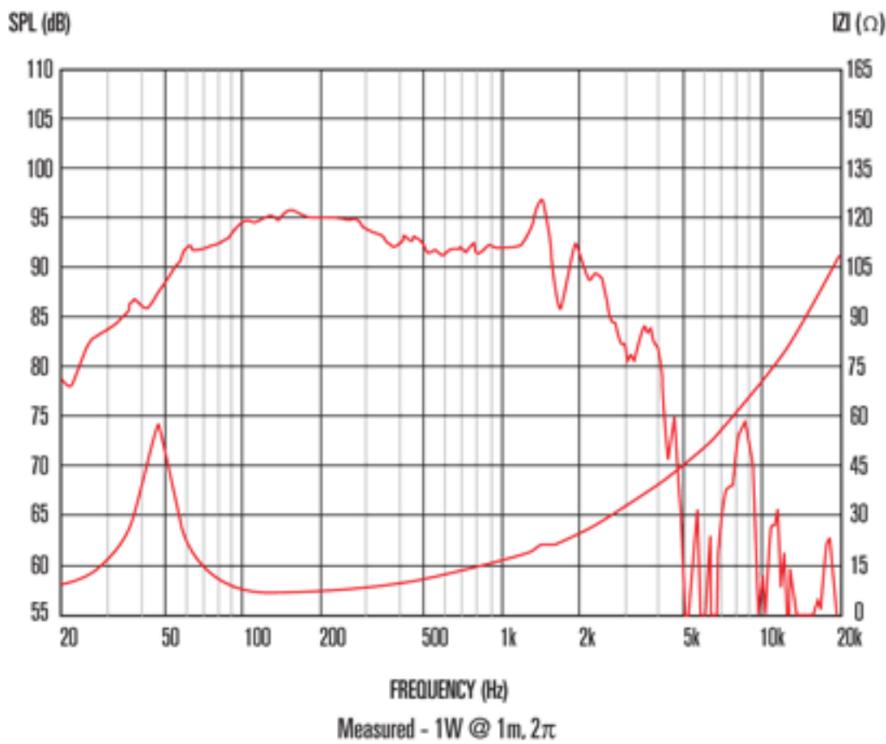
FTR15-4080HDX



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