

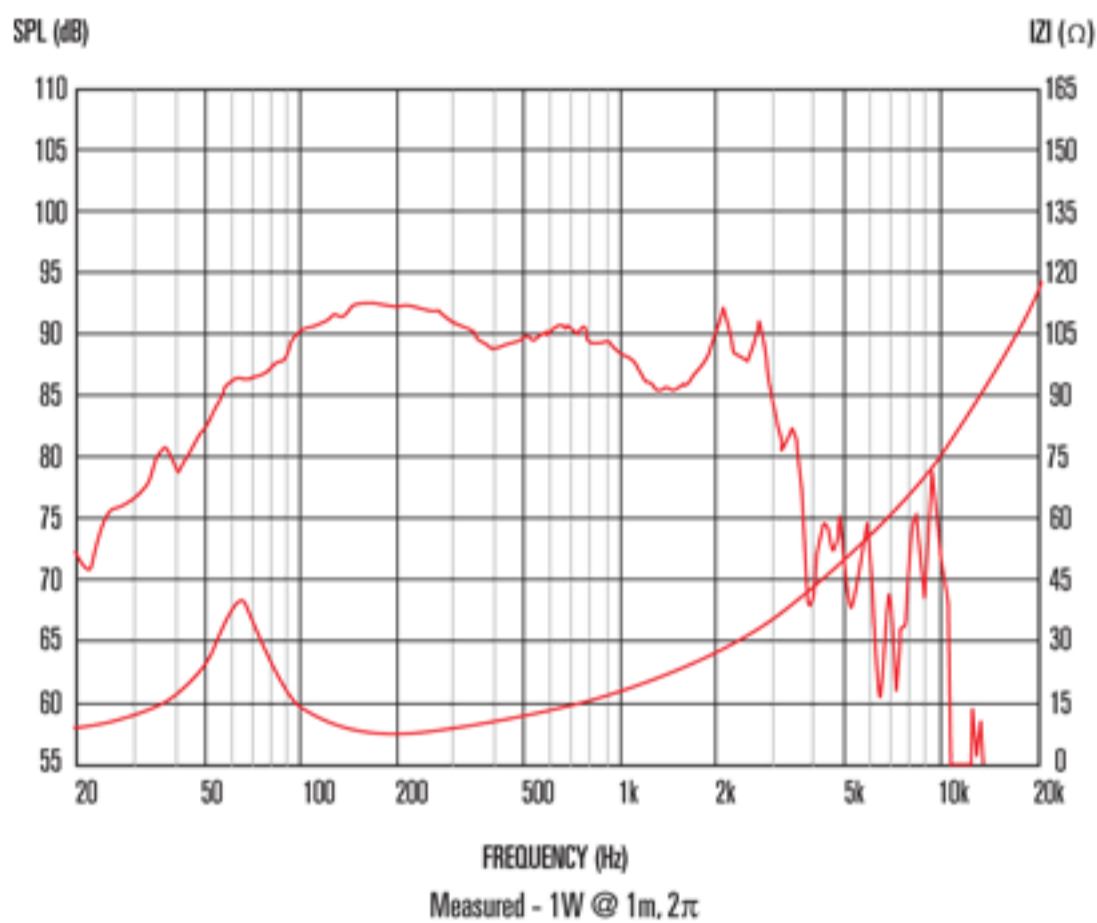
FTR12-4080HDX



Features

- 12" ferrite subwoofer provides 1000Wrms (AES standard) power handling and a frequency response of 47Hz-3kHz
- 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

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 ¹	1000Wrms
Nominal impedance	8
Sensitivity ²	93dB
Frequency range	47-3000Hz
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/0.32in
Gap depth	9.5mm/0.37in
Voice coil winding width	25mm/0.98in

Small Signal Parameters ⁴

D	0.26m/10.24in
Fs	61.2Hz
Mms	108.68g/3.84oz
Mmd	101.76g/3.59oz
Qms	2.228
Qes	0.446
Qts	0.372
Re	6.05
Vas	24.79lt/0.875ft ³
Bl	23.81Tm
Cms	0.062mm/N
Rms	18.768kg/s
Le (at 1kHz)	1.92mH

Mounting Information

Diameter	313mm/12.3in
Overall depth	158mm/6.2in
Cut-out diameter	282mm/11.1in
Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Number of mounting slots	8
Mounting PCD range	291-301mm/11.7-11.9in
Unit weight	9.6kg/21.1lb

Packed Dimensions & Weight

Single pack size W x D x H	350mm x 350mm x 180mm /13.8in x 13.8in x 7.1in
Single pack weight	11.4kg/25.1lb
Multipack (36) size W x D x H	1210mmx1050mmx980mm /47.6in x 41.3in x 35.4in
Multipack (36) weight	380kg/836lb