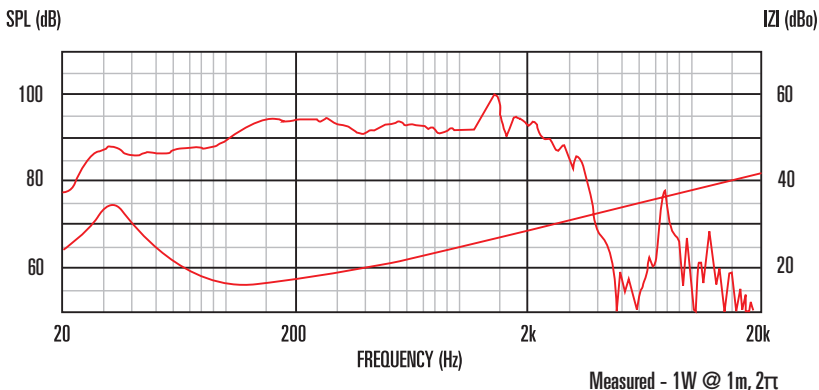


# FTR18-4080HDX



- **18" ferrite subwoofer offers 1000Wrms (AES) continuous power handling and a frequency response of 30Hz-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**

## Frequency Response and Impedance Curves



## General Specifications

Nominal diameter (mm/in)	457/18
Power Rating (AES, W rms)	1000
Nominal impedance ( $\Omega$ )	8
Voice coil diameter (mm/in)	101.6/4.0
Magnet type	Ferrite
Chassis type	Cast aluminium
Sensitivity (dB)	95
Frequency range (Hz)	30-2500
Coil material	Round copper
Former material	Glass Fibre
Cone material	Glass loaded paper with weather resistant impregnation
Surround material	Cloth-sealed
Suspension	Double
Xmax (mm/in)	8.0/0.33
Gap depth (mm/in)	10.0/0.40
Voice coil winding width (mm/in)	25.0/0.99

## Small Signal Parameters

D (m/in)	0.38/14.96
Fs (Hz)	35.5
Mmd (g/oz)	177.41/6.26
Mair (g/oz)	21.61/0.76
Qms	5.74
Qes	0.46
Qts	0.42
Re ( $\Omega$ )	5.01
Vas (lt/ft <sup>3</sup> )	184.24/6.5
Bl (Tm)	22.11
Cms (mm/N)	0.10
Rms (kg/s)	7.72
Le (mH)	1.81

## Mounting Information

Overall diameter (mm/in)	462/18.19
Overall depth (mm/in)	205/8.07
Cut-out diameter (mm/in)	416/16.38
Mounting slot dimensions (mm/in)	10 x 6.5/0.4 x 0.26
Number of mounting slots	8
Mounting slot PCD range (mm/in)	429-440/16.89-17.32
Unit weight (kg/lb)	9.8/21.6

## Packed Dimensions & Weight

Single pack size W x D x H (mm/in)	500 x 500 x 240
	/19.7 x 19.7 x 9.4
Single pack weight (kg/lb)	11.6/25.6
Multipack (24) size W x D x H (mm/in)	1210 x 1050 x
	980/47.6 x 41.3 x 35.4
Multipack (24) weight (kg/lb)	260/572

Unit conditioned prior to measurement.