

LF Cast Chassis / Ferrite

FTR18-4080HDX



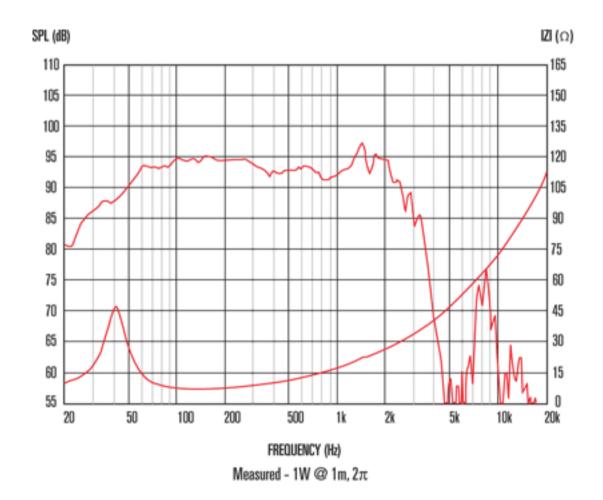




Features

- 18" ferrite subwoofer provides 1000Wrms (AES standard) 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

8 Frequency Response



- 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 457mm/18in Power rating ¹ 1000Wrms 8 Nominal impedance Sensitivity 2 95dB Frequency range 30-2500Hz Voice coil diameter 100mm/4in Cast aluminium Chassis type 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 38mm/0.33inGap depth9.5mm/0.37inVoice coil winding width25mm/0.99in

Small Signal Parameters

D 0.38m/14.96in Fs 35.5Hz 199.02g/7.025oz Mms Mmd 177.41g/6.26oz Qms 5.74 Qes 0.46 Qts 0.42 Re 5.01 Vas 184.24lt/6.5ft3 ΒI 22.11Tm Cms 0.10mm/N 7.72kg/s Rms 1.81mH Le (at 1kHz)

Mounting Information

Diameter 462mm/18.19in
Overall depth 205mm/8.07in
Cut-out diameter 416mm/16.38in
Mounting slot dimensions 10mm x 7mm/0.4in x 0.27in
Number of mounting slots 8
Mounting PCD range 429-440mm/16.89-17.32in
Unit weight 9.8kg/21.6lb

Packed Dimensions & Weight

Single pack size W x D x H 500mm x 500mm x 240mm

/19.7in x 19.7in x 9.4in

Single pack weight 11.6kg/25.6lb

Multi pack (24) size W x D x H 1210mmx1050mmx980mm

/47.6in x 41.3in x 35.4in

Multi pack (24) weight 260kg/572lb



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