

LF Cast Chassis / Ferrite

FTR18-4080HDX

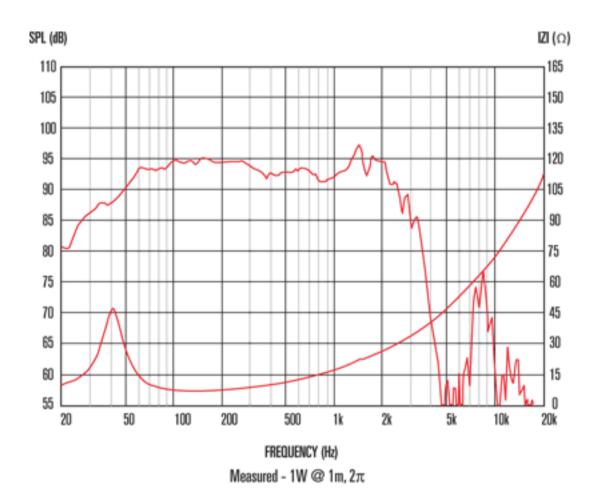






- Glass loaded paper cone with weather-resistant impregnation
- Optimised double suspension
- · Airflow vented magnet assembly for dynamic heat dispersion

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. Continuous Power Ratingg is defined as 3dB greater than the AES rating.
- 3. Measured on axis at 1W, 1m in 2Î anechoic environment.
- 4. Xmax derived from: (voice coil winding width-gap depth)/2.
- 5. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter 457mm/18in Power rating ¹ 1000Wrms 2000W Continuous power rating ² Nominal impedance 8 Sensitivity 3 95dB Frequency range 30-2,500Hz Voice coil diameter 100mm/4in Chassis type Cast aluminium Magnet type **Ferrite** 3.1kg/110oz Magnet weight Coil material Round copper Former material Glass Fibre Glass loaded paper with weather-resistant Cone material

impregnation

Surround material

Suspension

Double

Xmax 4

8mm/0.33in

Gap depth

9.5mm/0.37in

Voice coil winding width

25mm/0.99in

Small Signal Parameters 4

D	0.38m/14.96in
Fs	39.2Hz
Mms	171.75g/6.06oz
Qms	5.387
Qes	0.466
Mmd	177.41g/6.26oz
Qts	0.429
Re	5.0
Vas	174.88lt/6.18ft3
ВІ	21.29Tm
Cms	0.1mm/N
Rms	7.85kg/s
Le (at 1kHz)	1.79mH

Mounting Information

Overall diameter 452mm/17.8in
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 size W x D x H

1210mmx1050mmx980mm

/47.6inx41.3inx35.4in

Multi pack weight

265kg/580lb



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