

## LF Cast Chassis / Ferrite

## CF1840H

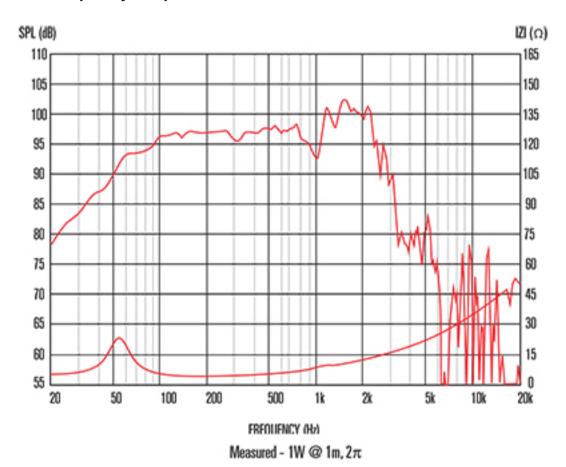






- Rigid, lightweight carbon fibre loaded cone
- · Balanced airflow venting provides enhanced cooling
- Twin demodulation rings
- Low mass coil reinforcement

#### 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 Rating 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.
- $5. \ \ \, \text{Small signal parameters measured after unit subjected to pre-conditioning signal}.$

### **General Specifications**

Nominal diameter 457mm/18in Power rating <sup>1</sup> 1000Wrms 2000W Continuous power rating <sup>2</sup> 4 Nominal impedance Sensitivity 3 97dB Frequency range 30-2,500Hz Voice coil diameter 100mm/4in Chassis type Cast aluminium **Ferrite** Magnet type Magnet weight 3.18kg/112oz Coil material Round copper Glass fibre Former material Cone material Carbon-fibre loaded paper Surround material Cloth sealed Suspension Single Xmax 4 8mm/0.31in Gap depth 9.5mm/0.37in Voice coil winding width 25mm/0.99in

## **Small Signal Parameters**

D	0.38m/14.96in
Fs	38.5Hz
Mms	158.7g/5.6oz
Qms	3.921
Qes	0.385
Qts	0.351
Re	3.04
Vas	196.7lt/6.95ft3
ВІ	17.041m
Cms	0.11mm/N
Rms	9.76kg/s
Le (at 1kHz)	0.95mH

# **Mounting Information**

Overall diameter 460mm/18.11in
Overall depth 220mm/8.68in
Cut-out diameter 414mm/16.24in
Mounting slot dimensions 11mm x 7mm/0.43in-0.28in
Number of mounting slots 8
Mounting PCD range 432-441mm/17-17.36in
Unit weight 11.6kg/25.5lb

## **Packed Dimensions & Weight**

Single pack size W x D x H 500mm x 500mm x 255mm

/19.7in x 19.7in x 11in

Single pack weight 13kg/28.6lb



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