

# LF Cast Chassis / Ferrite

### **CF1840JD**

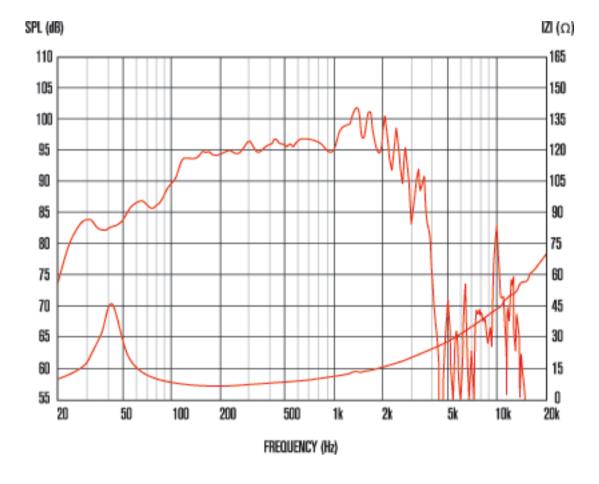






- · Balanced airflow venting provides enhanced cooling
- Twin demodulation rings
- Optimised double suspension

#### 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. Small signal parameters measured after unit subjected to pre-conditioning signal

#### **General Specifications**

Nominal diameter 457mm/18in Power rating <sup>1</sup> 1200Wrms 2400W Continuous power rating <sup>2</sup> Nominal impedance 8 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 Kevlar loaded paper Surround material Cloth-sealed Suspension Double Xmax 4 10mm/0.39in Gap depth 10mm/0.39in Voice coil winding width 30mm/1.18in

# **Small Signal Parameters**

D	0.38m/14.96in
Fs	37Hz
Mms	217.4g/7.67oz
Qms	4.372
Qes	0.44
Mmd	185.145g/6.54oz
Qts	0.4
Re	5.29
Vas	155l/5.47ft3
BI	24.76Tm
Cms	0.09mm/N
Rms	11.56kg/s
Le (at 1kHz)	1.16mH

# **Mounting Information**

Overall diameter 460mm/18.11in

Overall depth 220.35mm/8.68in

Cut-out diameter 414mm/16.24in

Mounting slot dimensions 11mm x 7mm/0.43-0.28in

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 19.7 x 7.11in

Single pack weight 13kg/28.6lb Multi pack size W x D x H 1210mm x 1050mm x 1070mm

/47.6in x 41.3in x 42.1in

Multi pack weight 305kg/670lb



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