CELESTION

LF Loudspeakers FTR18-4080HDX



Mounting Information

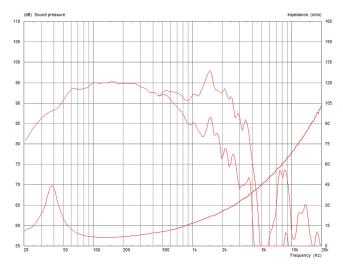
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

452mm / 17.8in 205mm / 8.1in 416mm / 16.38in 10x7mm / 0.4x0.27in

429-440mm / 16.89-17.32in

9.8kg / 21.6lb

Frequency Response and Impedance Curves



Power rating: 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.

Continuous power rating: Defined as 3dB greater than the AES

rating.

Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. **Xmax:** 0.5*(Hvc-Hg) + 0.25*Hg

18-inch, cast aluminium chassis, ferrite magnet LF driver

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

2000W

Continuous power rating 95dB sensitivity

4in Round copper voice coil

General Specifications

Nominal Diameter 457mm / 18in 1000W Power Rating Continuous power rating 2000W Rated impedance 8 ohm Sensitivity 95dB Frequency range 30-2500Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 3.1kg / 110oz Voice coil diameter 100mm / 4in Voice coil material Round copper Former material Glass fibre Cone material Glass loaded paper

(weather-resistant) Surround material Cloth-sealed Suspension Double Gap height (Hg) 9.5mm / 0.37in VC winding height (Hvc) 25mm / 0.99in

Sd 1134.12cm² / 175.79in² Fs 39.20Hz Mms 171.75g / 6.06oz Qms 5.387 0.466 Qes Qts 0.429 5.00 ohm Re 174.88I / 6.18ft³ Vas ВΙ

21.29Tm 0.10mm/N Cms Rms 7.85kg/s Le (at 1kHz) 1.79mH 10.1mm / 0.4in **Xmax**

Packed Dimensions & Weight

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

19.7in 19.7in x 9.4in Single pack weight 11.6kg / 25.6lb

Multi pack qty

Multi pack size W x D x H 1210mm x 1050mm x 980mm /

47.6in x 41.3in x 35.4in

278kg / 608lb Multi pack weight

