CELESTION

Legacy Loudspeakers

FTR18-4080F (Legacy)

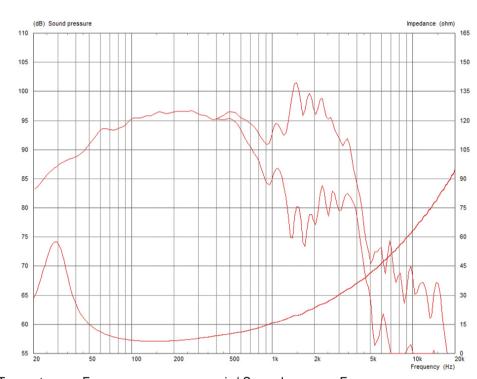






- Glass loaded paper cone with weather-resistant impregnation
- Airflow vented magnet assembly for dynamic heat dispersion

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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 anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: Hvc-Hg/2

General Specifications

Nominal Diameter 457mm / 18in **Power Rating** 600W Continuous power rating 1200W EIA power rating 800W Rated impedance 8Ω Sensitivity 97dB Frequency range 30-3000Hz Cast aluminium Chassis type

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-re

sistant)

Surround material Cloth-sealed
Suspension Single

Xmax 6mm / 0.24in

Gap height (Hg) 10mm / 0.39in

VC winding height (Hvc) 22mm / 0.87in

Mounting Information

Overall diameter 452mm / 17.8in

Overall depth 205mm / 8.1in

Cut-out diameter 416mm / 16.38in

Mounting hole dimensions 10x7mm / 0.39x0.27in

Number of mounting holes 8

Mounting hole PCD 429-440mm / 16.89-17.32in

Unit weight 9.7kg / 21.4lb

Parameters

Sd 1134.12cm2 / 175.79in2

Fs 32.50Hz Mms 155.60g / 5.49oz

 Qms
 4.334

 Qes
 0.335

 Qts
 0.311

 Re
 532Ω

 Vas
 281.30I / 9.93ft3

 Bi
 22.48Tm

 Cms
 0.15mm/N

 Rms
 7.34kg/s

 Le (at 1kHz)
 1.25mH

 Xmax
 6mm / 0.24in

Packed Dimensions & Weight

Single pack size W x D x 500mm x 500mm x 240mm / 19.7in

H x 19.7in x 9.4in

Single pack weight 11.4kg / 25.1lb

Multi pack qty 24

Multi pack size W x D x H 1210mm x 1050mm x 980mm / 47.6

in x 41.3in x 35.4in

Multi pack weight 265kg / 580lb

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