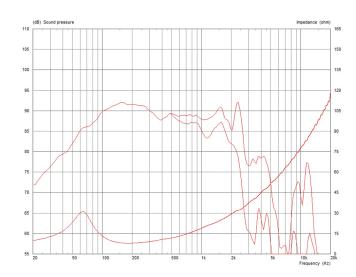
CELESTION

Legacy Loudspeakers FTR12-4080HDX (LEGACY)



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: Hvc-Hg/2

12-inch, cast aluminium chassis, ferrite m

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

2000W Continuous

power rating

93dB sensitivity

4in

Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in 1000W Power Rating Continuous power rating 2000W Rated impedance 8 ohm Sensitivity 93dB Frequency range 47-3000Hz 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 9.5mm / 0.37in Gap height (Hg) VC winding height (Hvc) 25mm / 0.98in

Mounting Information

Overall diameter 313mm / 12.3in Overall depth 158mm / 6.2in Cut-out diameter 282mm / 11.1in Mounting hole dimensions 10x7mm / 0.39x0.27in Number of mounting holes Mounting hole PCD 291-301mm / 11.7-11.9in

9.6kg / 21.1lb Unit weight

Parameters

Sd 530.93cm2 / 82.29in2 61.00Hz Mms 126.30g / 4.46oz 2.258 Qms Qes 0.479 Qts 0.395 6.00 ohm Re Vas 21.49I / 0.76ft³ ΒI 24.63Tm Cms 0.05mm/N Rms 21.44kg/s Le (at 1kHz) 1.99mH 8mm / 0.32in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 350mm x 350mm x 180mm / x 13.8in 13.8in x 7.1in

11.4kg / 25.1lb Single pack weight Multi pack qty

Multi pack size W x D x H 1210mm x 1050mm x 980mm / 47.6in x 41.3in x 35.4in

Multi pack weight 375kg / 825lb

