CELESTION

Legacy Loudspeakers

FTR12-4080HDX (Legacy)

12-inch, cast aluminium chassis, ferrite m

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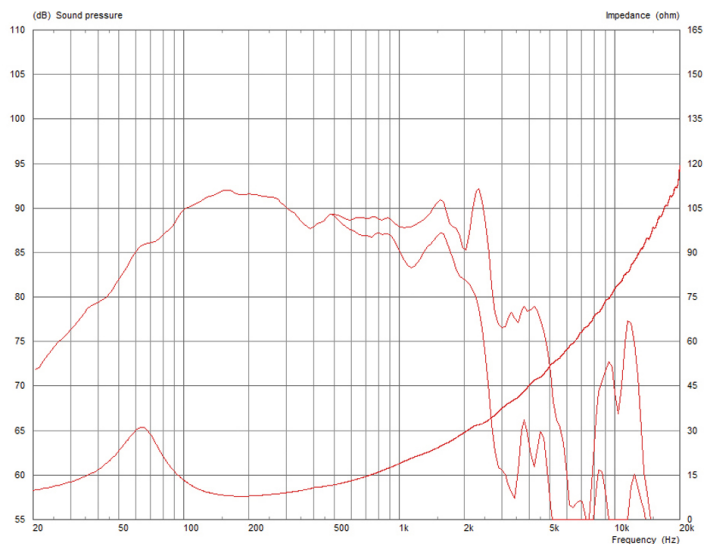- Airflow vented magnet assembly for dynamic heat dispersion

General Specifications

Nominal Diameter	305mm / 12in
Power Rating	1000W
Continuous power rating	2000W
Rated impedance	8 Ω
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
Gap height (Hg)	9.5mm / 0.37in
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	8
Mounting hole PCD	291-301mm / 11.7-11.9in
Unit weight	9.6kg / 21.1lb

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

Parameters

Sd	530.93cm2 / 82.29in^2
Fs	61.00Hz
Mms	126.30g / 4.46oz
Qms	2.258
Qes	0.479
Qts	0.395
Re	6.00 Ω
Vas	21.49l / 0.76ft ^{3}
Bi	24.63Tm
Cms	0.05mm/N
Rms	21.44kg/s
Le (at 1kHz)	1.99mH
Xmax	8mm / 0.32in

Packed Dimensions & Weight

Single pack size W x D x H	350mm x 350mm x 180mm / 13.8in x 13.8in x 7.1in
Single pack weight	11.4kg / 25.1lb
Multi pack qty	36
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

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