CELESTION

Legacy Pro Audio

FTR15-4080FD

15-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

97dB
Sensitivity

4in
Round copper voice coil

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	1000W
Continuous power rating	2000W
Rated impedance	8 ohm
Sensitivity	97dB
Frequency range	35-2500Hz
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)	10mm / 0.39in
VC winding height (Hvc)	22mm / 0.87in

Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	170mm / 6.7in
Cut-out diameter	351mm / 13.82in
Mounting hole dimensions	10x7mm / 0.39x0.27in
Number of mounting holes	8
Mounting hole PCD	365-375mm / 14.37-14.76in
Unit weight	9.5kg / 20.9lb

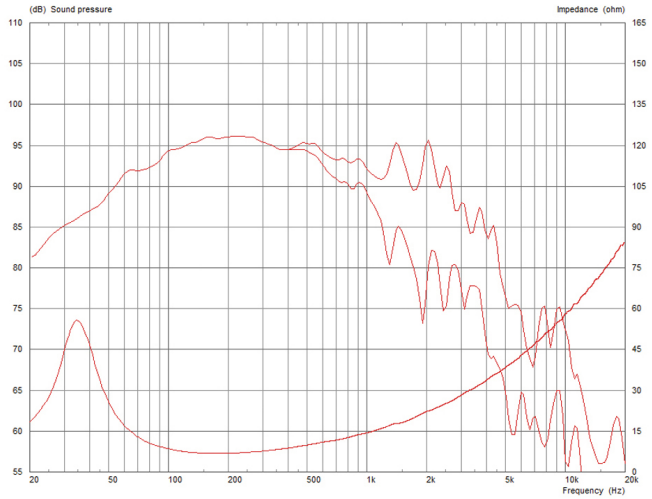
Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	35.40Hz
Mms	127.19g / 4.49oz
Qms	3.913
Qes	0.298
Qts	0.277
Re	5.60 ohm
Vas	164.30l / 5.80ft^3
Bl	23.05Tm
Cms	0.16mm/N
Rms	7.24kg/s
Le (at 1kHz)	1.38mH
Xmax	8.5mm / 0.34in

Packed Dimensions & Weight

Single pack size W x D x H	435mm x 435mm x 200mm / 17.1in x 17.1in x 7.9in
Single pack weight	10.8kg / 23.8lb
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

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? anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

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Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom