LF Loudspeakers

CF1540F

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

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

1200W
Continuous power rating

97dB
Sensitivity

4in
Round copper voice coil

General Specifications

Power Rating	600W
Continuous power rating	1200W
Rated impedance	8 ohm
Sensitivity	97dB
Frequency range	35-2,000Hz
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 cellulose
Surround material	Cloth-sealed
Gap height (Hg)	9.5mm / 0.37in
VC winding height (Hvc)	22mm / 0.87in

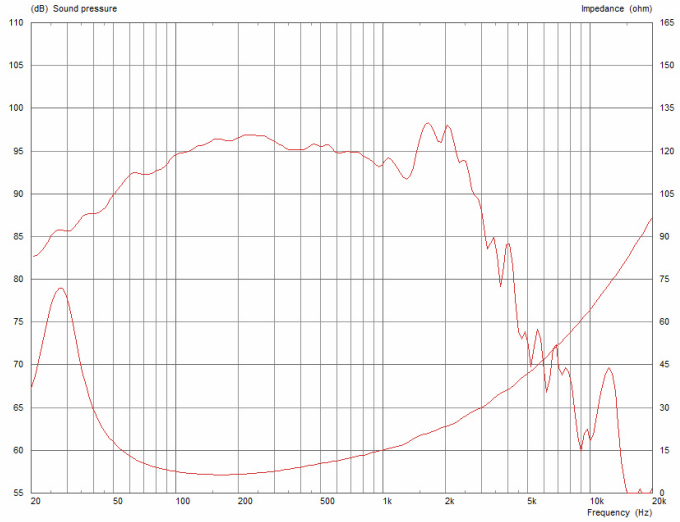
Mounting Information

Overall diameter	392.7mm / 15.5in
Overall depth	181.8mm / 7.16in
Cut-out diameter	354.5mm / 13.96in
Mounting hole dimensions	10x7mm / 0.39x0.27in
Number of mounting holes	8
Mounting hole PCD	367-374mm / 14.45-14.72in
Unit weight	9.62kg / 21.2lb

Parameters

Sd	855.3cm^2 / 132.6in^2
Fs	29.1Hz
Mms	128.9g/4.54oz
Qms	6.531
Qes	0.243
Qts	0.235
Re	5.53 ohm
Vas	227.867l/8.05ft^3
Bl	23.15Tm
Cms	0.232mm/N
Rms	3.61kg/s
Le (at 1kHz)	1.74mH
Xmax	8.6mm / 0.34in

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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