LF Loudspeakers

CF1230F

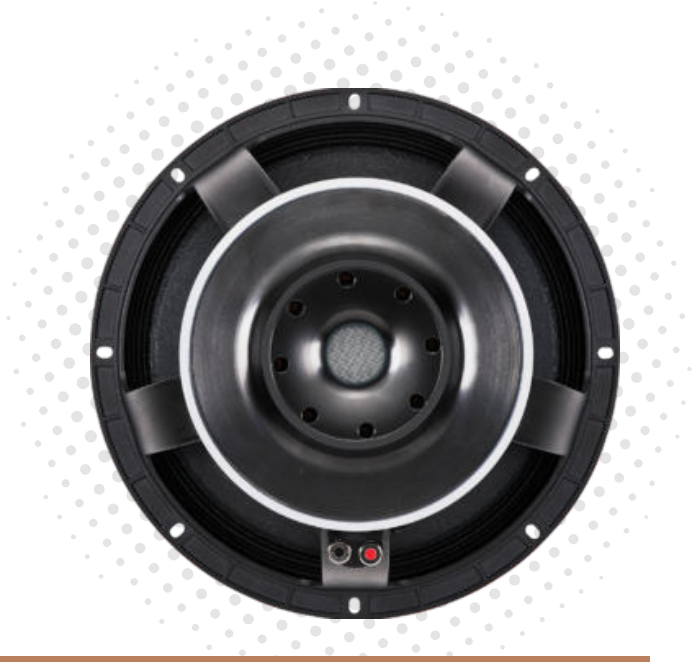
12-inch, cast aluminium chassis, ferrite magnet LF driver

- Balanced airflow venting provides enhanced cooling
- Single demodulation ring
- Glass loaded paper cone with weather-resistant impregnation

1000W
Continuous power rating

98dB
Sensitivity

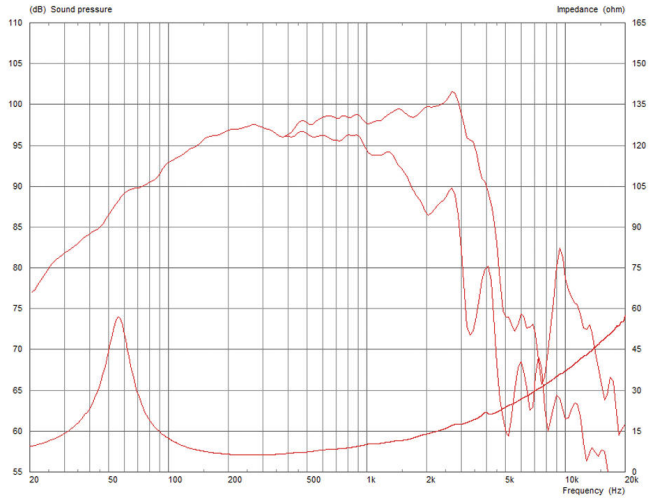
3in
Edgewound copper clad aluminium voice coil



Mounting Information

Overall diameter	315mm / 12.4in
Overall depth	153mm / 6.0in
Cut-out diameter	285.6mm / 11.24in
Mounting hole dimensions	10x6.5mm / 0.39x0.26in
Number of mounting holes	8
Mounting hole PCD	294-300mm / 11.6-11.8in
Unit weight	6.8kg / 14.9lb

Frequency Response and Impedance Curves



General Specifications

Nominal Diameter	305mm / 12in
Power Rating	500W
Continuous power rating	1000W
Rated impedance	8 ohm
Sensitivity	98dB
Frequency range	50-3000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	2.2kg / 75oz
Voice coil diameter	75mm / 3in
Voice coil material	Edgewound copper clad aluminium
Former material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	19mm / 0.75in

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	56.50Hz
Mms	63.75g / 2.25oz
Qms	4.33
Qes	0.342
Qts	0.317
Re	5.08 ohm
Vas	49.61l / 1.75ft^3
Bl	18.33Tm
Cms	0.12mm/N
Rms	5.23kg/s
Le (at 1kHz)	0.74mH
Xmax	7.5mm / 0.3in

Packed Dimensions & Weight

Multi pack qty	60
Multi pack size W x D x H	1210mm x 1050mm x 980mm / 47.6in x 41.3in x 35.4in
Multi pack weight	435kg / 870lb

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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