LF Loudspeakers

FTR12-3070C

12-inch, cast aluminium chassis, ferrite magnet bass/mid driver

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

700W
Continuous power rating

96dB
Sensitivity

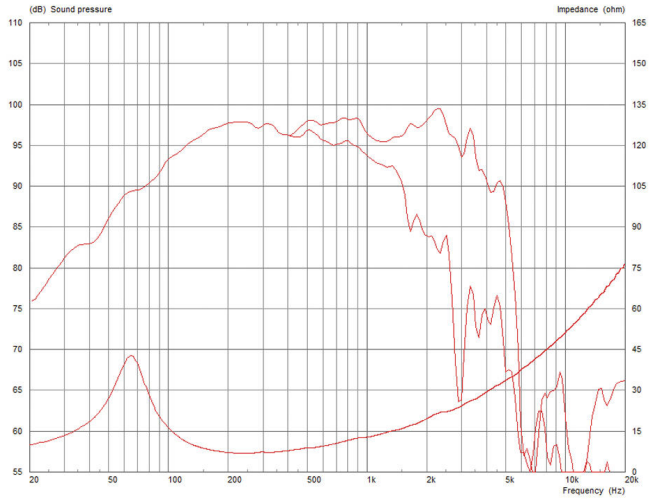
3in
Round copper voice coil



Mounting Information

Overall diameter	318mm / 12.5in
Overall depth	102mm / 4in
Cut-out diameter	286mm / 11.26in
Mounting hole dimensions	10x7mm / 0.39x0.27in
Number of mounting holes	8
Mounting hole PCD	298-304mm / 11.7-12.0in
Unit weight	6.3kg / 13.9lb

Frequency Response and Impedance Curves



General Specifications

Nominal Diameter	305mm / 12in
Power Rating	350W
Continuous power rating	700W
EIA power rating	500W
Rated impedance	8 ohm
Sensitivity	96dB
Frequency range	40-4000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	2.3kg / 81oz
Voice coil diameter	75mm / 3in
Voice coil material	Round copper
Former material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	10mm / 0.4in
VC winding height (Hvc)	16mm / 0.63in

Parameters

Sd	530.93cm^2 / 82.29in^2
Fs	65.10Hz
Mms	54.61g / 1.93oz
Qms	2.804
Qes	0.362
Qts	0.321
Re	5.59 ohm
Vas	43.70l / 1.54ft^3
Bl	18.58Tm
Cms	0.11mm/N
Rms	7.96kg/s
Le (at 1kHz)	1.09mH
Xmax	5.5mm / 0.22in

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	6.3kg / 13.9lb
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	410kg / 900lb

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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