LF Loudspeakers

FTR15-3070C

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

- Full gap flux saturation for increased Bl and reduced distortion
- Glass loaded paper cone with weather-resistant impregnation
- Airflow vented magnet assembly for dynamic heat dispersion

800W
Continuous power rating

99dB
Sensitivity

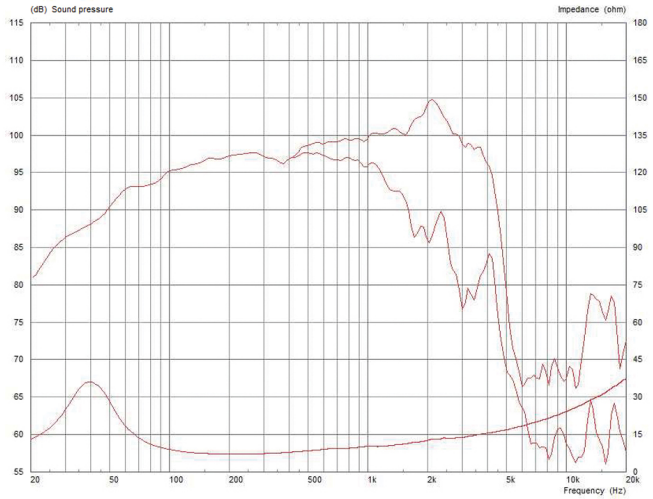
3in
Round copper voice coil



Mounting Information

Overall diameter	385mm / 15.16in
Overall depth	158mm / 6.2in
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	6.3kg / 13.8lb

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

General Specifications

Nominal Diameter	381mm / 15in
Power Rating	400W
Continuous power rating	800W
EIA power rating	500W
Rated impedance	8 ohm
Sensitivity	99dB
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 / 0.39in
VC winding height (Hvc)	16mm / 0.63in

Parameters

Sd	855.30cm^2 / 132.57in^2
Fs	41.40Hz
Mms	81.73g / 2.88oz
Qms	3.510
Qes	0.429
Qts	0.382
Re	6.07 ohm
Vas	187.62l / 6.63ft^3
Bl	17.33Tm
Cms	0.18mm/N
Rms	6.05kg/s
Le (at 1kHz)	0.59mH
Xmax	5.5mm / 0.22in

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	7.7kg / 17.0lb
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	260kg / 570lb

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