LF Loudspeakers

FTR12-4075F

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

Low profile, space-efficient chassis Optimised double suspension delivers greater linearity Airflow vented magnet assembly for dynamic heat dispersion

1400W
Continuous power rating

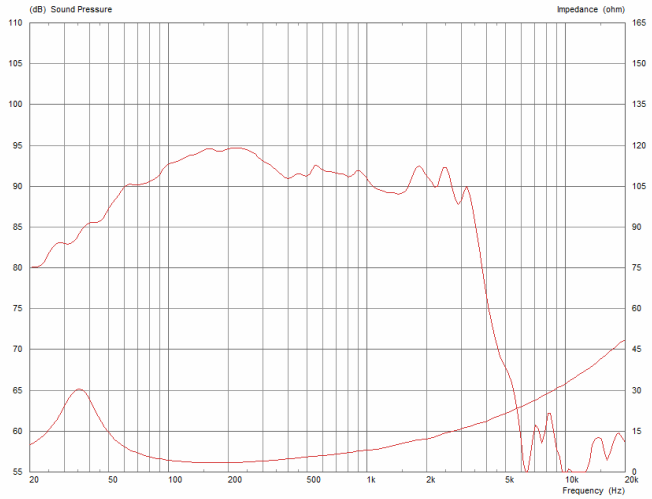
95dB
Sensitivity

4in
Edgewound copper clad aluminium voice coil

Mounting Information

Overall diameter	315mm / 12.4in
Overall depth	121mm / 4.76in
Cut-out diameter	283mm / 11.14in
Mounting hole dimensions	6.5mm / 0.26in
Number of mounting holes	8
Mounting hole PCD	294mm / 11.6in
Unit weight	8.78kg / 19.36lb

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

Power Rating	700W
Continuous power rating	1400W
Rated impedance	4 ohm
Sensitivity	95dB
Frequency range	60Hz - 600Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	2.36kg / 83oz
Voice coil diameter	100mm / 4in
Voice coil material	Edgewound copper clad aluminium
Former material	Glass-Polyimide Composite
Cone material	Cellulose
Surround material	Cloth-sealed
Gap height (Hg)	10 / 0.39
VC winding height (Hvc)	23 / 0.91

Parameters

Sd	530.98cm^2 / 82.30in^2
Fs	37.1Hz
Mms	82.3g / 2.9oz
Qms	3.987
Qes	0.292
Qts	0.272
Re	2.9 ohm
Vas	89.16l / 3.15ft^3
Bl	12.58Tm
Cms	0.22mm/N
Rms	4.81kg/s
Le (at 1kHz)	0.83mH
Xmax	9mm / 0.35in

Packed Dimensions & Weight

Single pack size W x D x H	360mm x 360mm x 160mm / 14.2in x 14.2in x 6.3in
Single pack weight	9.5kg / 20.9lb

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