



FLI

ACTIVE

ENCLOSURE

**INSTRUCTION &
INSTALLATION MANUAL**

www.fliaudio.co.uk



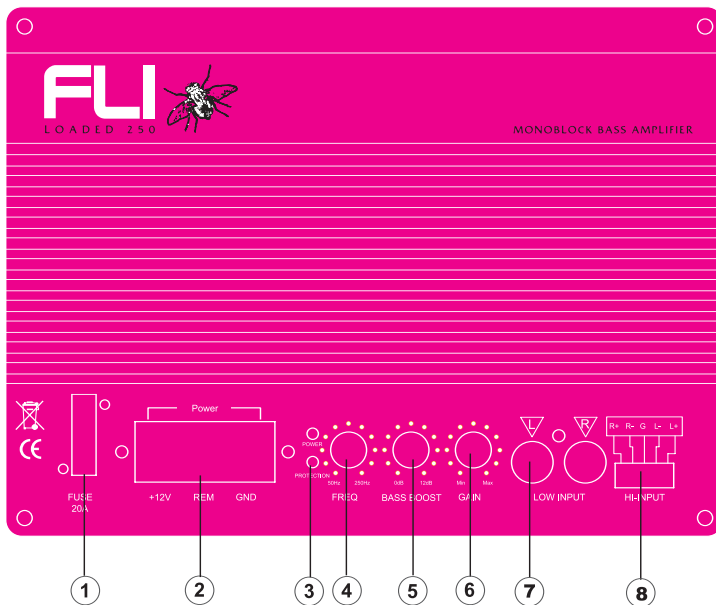
For best connections and performance use only FLI cabling and accessories

Thank you for purchasing this FLI active enclosure. It will provide you with a trouble free usage providing you follow a few simple guidelines.

Mounting Guidelines

Your FLI enclosure is designed with a swift installation routine in mind. Please mount it in a dry location on a solid surface. NEVER mount the enclosure at such an angle that the amplifier is upside down, this will cause the amplifier to over heat and will eventually damage the entire unit.

Connections



For optimum performance use a 10 gauge FLI wiring kit. It can be purchased from the FLI audio website with next day delivery www.fliaudio.co.uk

1. Fuse

Please ensure a 20 amp fuse is fitted, never fit a fuse with a rating higher than 20 amps.

2. power connections

Power cable

At least an 10 gauge cable should be used for both the power and the ground connections to the amplifier. The power cable should be taken directly from the battery. Rubber grommets should be used when passing through any bulkheads to prevent the cable from becoming chafed or cut.

It is vital that a fuse / circuit breaker (of at least equal value to the one fitted on the amplifier) is placed inline with the power cable and is no further than eighteen inches away from the battery. Please ensure that the fuse isn't fitted until the entire installation procedure is complete.

Ground Cable

The ground cable needs to carry the same current as the power cable. Again at least and 10 gauge cable should be used. The amplifier ground should be connected directly to the chassis of the vehicle, to bare metal. (not painted surface) The cable length should be kept to an absolute minimum. It is not recommended that you connect the ground cable to the vehicles seatbelts.

Remote Turn On

A minimum of 18 gauge cable should be used for this connection. The cable should be run with exactly the same care and attention as the power cable and taken back to the source and joined to the remote cable provided on the head unit.

If the headunit does not have a remote turn on cable then a 12v supply should be used. This will require a switch to be fitted inline to enable the amplifier to be turned on and off.

NOTE: Remember that if this switch is left on you will flatten the car battery.

3. power/protection LED's

When the amplifier is wired and installed correctly the green LED on the front of the amplifier will illuminate to indicate the amplifier is operating correctly.

If the amplifier is incorrectly wired or an abnormal situation occurs such as speaker cables shorting the red protection LED will illuminate.

4. crossover frequency control

This will allow you to set the frequency at which the amplifiers low pass filter will take affect. This is variable from 45 – 250 Hz. 50 Hz will produce only low frequencies (deep bass), 250 Hz will produce low and higher, more punchy bass response.

5. bass boost

This will allow you to boost the bass at a frequency of 70 Hz and is variable from 0 – 12db Please note – by boosting +12db you are asking the amplifier to work 8 times harder.

6. gain control

Used to match the input signal of the headunit to the amplifier. See the setup section for more details. Please note – the gain control is not a volume control it is a level match.

7. low level input

For connection to any source with a low level output. Connect this to the RCA outputs on your head unit.

8. High level inputs

For connection to a source unit without low level outputs. Connect this to The front or rear speaker wires ensuring that the polarity is correct.

Features	
Variable Gain Control	
40 – 250 Hz variable 12 dB crossover	
Specification	
Input sensitivity	40 mV
Continuous Power	10 V – 14.4 V
Signal / Noise Ratio	> 100dB



In order to protect your purchase and aid your warrantee please fill in the following form and keep it safe for your future reference:

www.fliaudio.co.uk

Model Number:

Serial Number:

Purchased From:

Date of Purchase:

KEEP IT SAFE
Staple your receipt here:

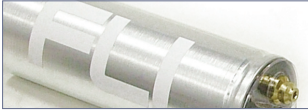




shop stop

Accessories can be ordered separately from the FLI website
www.fliaudio.co.uk

Only available in the UK If outside uk please contact your dealer or distributor from the FLI website



FLI Power Capacitor
 The FLI powercap, a 1 farad, high specification power capacitor is another great addition to our range. This is an essential item for maximum power delivery.



FLI Line Level Converter
 If your current head unit has no amplifier pre outputs this FLI Line Level Converter can be connected directly to your rear speaker wires to provide a stereo set of RCA connectors which can be connected directly to an amplifier.



FLI Loaded in dash remote control
 Allows 18db gain adjustment of the bass boost feature which is present on all FLI Loaded amplifiers. Comes complete with 5m cable. Control can be mounted in-dash or anywhere suitable. dimensions: H:20mm W:40mm D:45mm



10 Gauge FLI Wiring Kit
 For use with Car audio systems up to 1000 watts
 Kit contents:
 5 metre 10 AWG power cable
 1 metre 10AWG ground cable
 5 metre RCA interconnect
 5 metre remote turn on cable
 8 metre speaker cable
 Inline ATC fuse holder
 30 amp ATC blade fuse
 Gold terminals, cable ties,grommets



AK8 - 8 AWG amplifier wiring kit
 For use with Car audio systems up to 1500 watts
 Kit contents:
 5 metre 8 AWG power cable
 1 metre 8AWG ground cable
 5 metre FIREFLI LED RCA interconnect
 5 metre remote turn on cable
 8 metre speaker cable
 AGU glass fuse holder
 60 amp AGU glass fuse
 Gold terminals, cable ties,grommets



AK4 - 4 AWG amplifier wiring kit
 For use with Car audio systems up to 2000 watts
 Kit contents:
 5 metre 4AWG power cable
 1 metre 4AWG ground cable
 5 metre FIREFLI LED RCA interconnect
 5 metre remote turn on cable
 8 metre speaker cable
 AGU glass fuse holder
 80 amp AGU glass fuse
 Gold terminals, cable ties,grommets



FIREFLI 5/1 metre LED RCA interconnect
 High quality 2 Channel RCA interconnect featuring FIREFLI mega brite LED RCA end plugs available in 1 metre and 5metre lengths



FLI RCA-Y interconnect
 High quality RCA Y-lead interconnect
 Converts stereo RCA output to 4channel output
 2 female RCA plugs to 4 male RCA plugs



FLI Stickers
 FLI stickers available in white or silver 5" 10" 15"



FLI T-shirts
 Our heavy weight FLI T-shirts are a must have!
 Featuring small FLI logo on front and big logo on back.
 All sizes available



Fleece
 Black pull over fleece with front zip and arm pocket features white FLI embroidery logos on front and back



Order online or call sales on 0870 765 8423 .
 All items above come with free next day delivery.



Limited Warranty

All FLI goods are covered by a full twelve months warranty. Valid from the date of the original receipt and proof of purchase. In order to validate this warranty, the warranty card should be returned to FLI within seven days of the original purchase date. The original receipt and packaging should also be kept for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase in its original packaging, complete and with no items missing.

If the store is unable to fix the product it may have to be returned to FLI this process takes around 7 working days.

A full description of FLI's warranty information can be found on our website:

www.fliaudio.co.uk/warranty

A written version can also be obtained from
FLI warranty department
PO Box 11000
B75 7WG

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