



ZEMOTE

Automate Your Home

Installation/ User Manual

LIGHT FAN MODULE (LFM)

Version 1.1

- Control your Appliances from anywhere in the world



1

- Works with all regulators
- 5 speed control
- No humming sound

2



3



4



- Control all types of lights
- Max load per channel: 150W

LFM
Light Fan Module

About Light Fan Module

You can control lights and fan using your phone with this module. This user manual provides product installation and safety information. Read this guide carefully before using the product.



ZEMOTE
Automate Your Home

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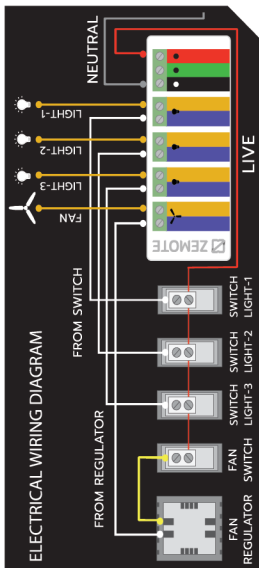
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Product Installation

Tools required

- The Light Fan Module
- Tester
- Screwdriver
- Splitter
- Neutral Black wire and a Live wire



Electrical Wiring Diagram of LFM



(continued...)

to LFM.

9. Place LFM inside the switchboard box and close the switchboard.
10. Turn on the power from the MCB.
11. You should now be able to control all your lights and fans using the physical switches as they are
12. To configure the App please refer the App configuration steps.

Technical Specifications

- Product Dimensions : 115 x 59 x 20 mm
- Input working voltage : 110-240V AC voltage
- Total Number of load channels: 3 Lights + 1 Fan
- Max load output per channel : 150 Watts
- Communication protocol : WiFi 2.4 Ghz
- Recommended broadband : 512 Kbps and above speed required
- S/w updates from the cloud : Supported
- Internet data usage per month : Less than 30KB
- Security : AES and HTTPS certificate based authentication



Installation Steps

1. Identify the switches you want to automate on your switchboard. This module can automate a maximum of 3 lights and 1 fan.
2. Turn off the power by switching off the MCB.
3. Remove the screws holding the switchboard to gain access to the wires behind the switches. Verify that no live current is flowing in the wires with the help of tester.
4. Identify the 'live' and 'neutral' wire and connect it to live (L) and neutral (N) terminal on LFM.
5. Identify the 'load' wire. The switches you have identified in step 1 will typically have two wires, one connected to live and the other being the load.
6. Disconnect the load wire from the existing switch and connect it to "Load" terminal on the LFM. Now connect a small wire from the switch terminal (from which the load wire was removed) to connector on LFM where "Switch" is marked.
7. Repeat step 5 and 6 for the other loads you want to automate.
8. Two way switches – LFM works in sync with the two way switches, however, some extra steps might be required to do proper wiring as explained below:
 - If the two way switch in the switchboard contains the load wire, continue as per step 6.
 - If the two way switch in the switchboard does not contain the load wire, then in this case, a new wire will need to be drawn from the other switchboard (which contains the load wire) to bring the load wire



GUARANTEE AND WARRANTY CONDITIONS

Zemote provides two different levels of guarantee and warranty services to all of our customers

ZEMOTE offers free 1 year guarantee and another 1 year free warranty service on its products. If the standard guarantee and warranty periods are not long enough, ZEMOTE offers optional purchase of extended warranty service (ZEWS) coverage that will provide warranty for 1, 2, or 3* additional years.

1. Limited 1 Year Guarantee

ZEMOTE guarantees its products against defects in material and workmanship for 1 year from the date of purchase. Warranty end date will be visible in the Zemote App once you have added the module to your account. End date as seen in the app will be considered as final. Under normal use and service, every hardware portion of the products will be free from physical defects in material and workmanship during the guarantee period, or the product will be **replaced** as determined solely by ZEMOTE. ZEMOTE provides a limited guarantee for its products only to the person or entity that originally purchased the product from ZEMOTE or its authorized distributor or retailer.

2. Limited Warranty

ZEMOTE warrants its products against defects in material and workmanship. Under normal use and service, every hardware portion of the products will be free from physical defects in material and workmanship during the warranty period, or the product will be **repaired or replaced** as determined by ZEMOTE. If a product does not operate as warranted above during the applicable warranty period, ZEMOTE shall, at its option and expense (except for shipping cost), repair the defective product or part, deliver to the customer an equivalent product or part to replace



the defective item. All products that are replaced will become the property of ZEMOTE. Replacement products may be new or reconditioned.

ZEMOTE will not be liable in any way towards damage caused to the products by following :

- a) The guarantee or warranty period is expired,
- b) The serial number label is missing or unrecognizable,
- c) The product has been modified or repaired by any unauthorised service center or personnel during its guarantee or warranty period,
- d) The defect was subject to abuse, improper use not conforming to product manual instructions, or environment conditions more severe than those specified in the manual and specification.
- e) Damage caused by the user (including but not limited to breakage of the module, wrong installation, no electrical earthing);
- f) Spillages or moisture (including but not limited to exposure or contact with any liquid);
- g) Neglect
- h) Accidents including but not limited to improper voltage or power supply;
- i) Unauthorised modifications including but not limited to opening of module, changing wiring;
- j) Use of the ZEMOTE Products with incompatible or faulty equipment, using on higher loads;
- k) The defect was subject to Force Majeure, such as acts of God, flood, lighting, earthquake, war, vandalism, theft, brownouts or sags (damage due to low voltage disturbances)

If the customer's product is not covered under guarantee or warranty, ZEMOTE may offer Repair Services at customer's own cost. *Extra warranty period might be provided by ZEMOTE's worldwide dealers/distributors. Please contact your dealer/distributor for the local warranty period. Extended warranty may be offered with extra payment in some countries. ZEMOTE provides a limited warranty for its products only to the person or entity that originally purchased the product from ZEMOTE or its authorized distributor or retailer.



APP CONFIGURATION STEPS

1. Sign In/Sign Up:

Download the Zemote App from App Store or Play Store and open the app. Tap on "Create Account" to create a new Zemote Account. Sign In if you already have a Zemote account.



ZEMOTE

New User/ Configure new device

CREATE NEW ZEMOTE ACCOUNT

Existing User/ Guest login


SIGN IN TO ZEMOTE ACCOUNT





2. Create New Account :


Enter your details and tap Next. In the next section, enter the OTP received on your phone to verify.


CREATE NEW ACCOUNT


Email

Mobile Number

Password



Confirm Password



☐

I accept **Terms and Conditions**

NEXT



3. Add New Device

To add the new device to your Zemote Account, go to your phone's Wi-Fi settings and connect to the hotspot of your new Zemote Device. It is an open Wi-Fi network with name "Zemote_XXXXXXXXXX" and does not require any password. Open the Zemote App again and tap Next.

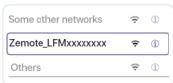
ADD NEW DEVICE

Connect to your device in Wi-Fi settings for setup

Your device has created a temporary Wi - Fi hotspot.To set it up, connect to it in the Wi-Fi settings by following the instructions below.

1. Go to Settings > Wi-Fi.

Connect to the Wi-Fi hotspot for the Zemote device that you are setting up.It will have Zemote_LFMxxxxxxx on the end,like the example below.



2. Come back to the app to proceed with set up

Next



4. Configure Module

Give a name to your new Zemote Device. Select your Wi-Fi network from the available list and enter the password of your Wi-Fi network. Tap Get Started.

CONFIGURE MODULE


PLEASE SET NAME FOR YOUR NEW DEVICE

Enter Device Name

PLEASE SELECT YOUR HOME WI-FI NETWORK (if Available)

Select Wifi

Password



GET STARTED



5. Reconnect To Router

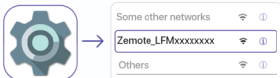
Go back to your phone's wifi settings and connect to your Wi-Fi network that was selected in step 4. Open the Zemote App and tap Next.

RECONNECT TO ROUTER

Reconnect to your Wi-Fi Network

Your mobile needs to reconnect to your Wi-Fi network. To reconnect please follow the instructions below.

1. Please go to your device settings and reconnect to your Wi-Fi router.



2. Come back to the app to proceed with set up

Next



6. Module Configuration Success

Your Zemote Device has been configured successfully. In case your device does not connect to your Wi-Fi network as you might have given wrong password, go to "Switch Wi-Fi" in the settings section of the Zemote App, select your new device and follow the instructions as given in the App.

