



RMG AUTOMATION

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Android Bluetooth & IR Wireless Remote Switch Controller for Fan, Light and Appliances - 6 Channel

Model : WRCS-BI-4L2F



User Manual



1. INTRODUCTION

With the advent of app-based, wireless network through smart phone and tablet, the popularity of home automation had increased greatly in recent years. RMG automation introduces a Wireless Remote Control System with much higher affordability and simplicity that can control appliances such as light, fan, television, music system and other electric appliances at your home. This device yields convenience, energy efficiency and safety. It is a 6 device control for 4 electrical appliances and 2 Fan. On installing the Android App and with the help of bluetooth communication between the controller and the Smart Device(Phone/Tablet), this control can be effected. Also it can be controlled by RMG IR remote.

2. DESCRIPTION

a. 6 Channel IR Wireless Remote Switch

- **Power ON LED:** shows ON/OFF status of Remote switch.
- **SIGNAL LED:** glow when IR Remote buttons are pressed.
- **OUTPUTS(1,2,3,4,5,6):** AC 250V/7A output wires from switch to loads.

b. IR Remote Control Unit

- **ALL- OFF button:** to turn OFF all the loads connected to switch..
- **L1,L2,L3 and L4 buttons:** to ON/OFF loads connected to switch.
- **FAN1 and FAN2 buttons:** to ON/OFF fans
- **UP and DOWN buttons:** to speed UP/DOWN fan.

3. TOOLS REQUIRED

- Multistrand power cable
- Insulation tape
- Wooden Gattas
- Screws for mounting unit on wall.
- Line tester
- Wire stripper
- Simple hammer
- Drill gun

4. INSTALLATION PROCEDURE

Caution: Switch off the main power while doing the Power Connection steps.

Step 1: Wall mount the Wireless 6 channel Relay unit.

Step 2: connect AC 230V supply to red and black wire of relay unit. (refer figure 1.)

Step 3: connect each blue wire from Relay unit each loads (phase) and connect each load's neutral lines directly to neutral line of Relay unit (Refer Figure. 1).. First 4 channel (outputs 1,2,3,4) gives electromagnetic relay outputs which can be used to connected lights and bulbs remaining 2 channel (outputs 4,6) gives triac outputs which can be used to connect fans.

This completes installation.

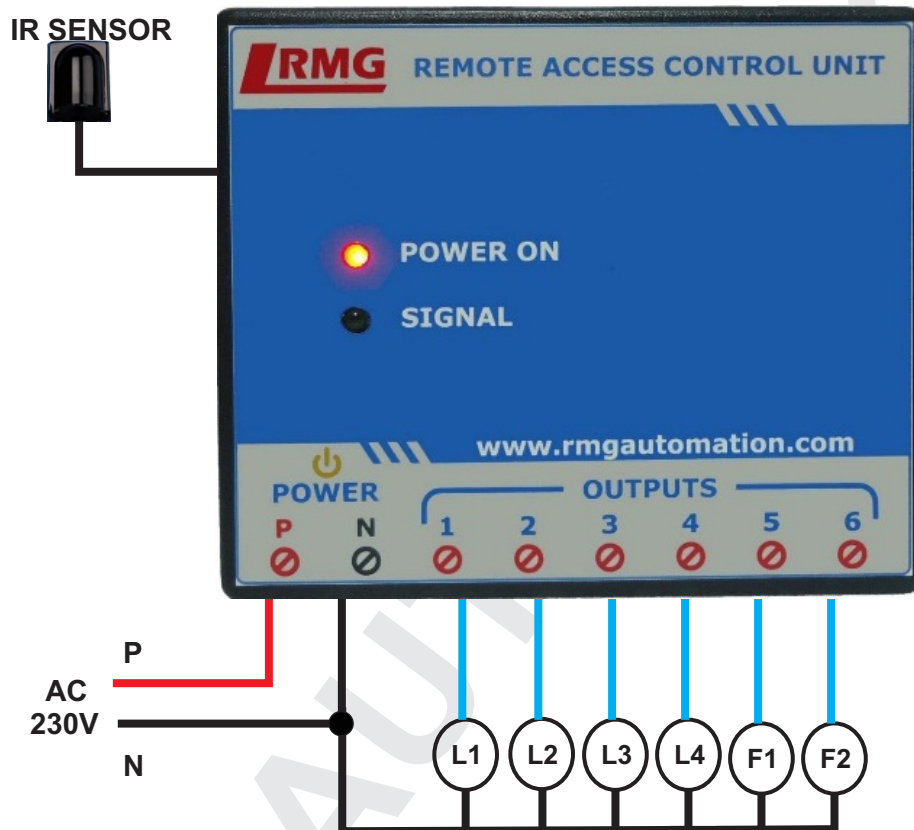


Figure 1: Power & Load connection

Note: In case of doubts please call 044 - 43180017 or What's App 9940594413 from Monday to Saturday 10 am to 6 pm.

Electrical appliances that can be connected to 4 channel output:

- Lights and bulbs – LED lights and LED bulbs, Incandescent bulbs, CFL bulbs, Halogen bulbs, HPS (High Pressure Sodium) and LPS (Low Pressure Sodium) bulbs, LED street lamps and any lighting source below 1000 watts

Electrical appliances that can be connected to 2 channel output:

- Fan

5. OPERATING PROCEDURE

- Give AC power supply to 6 Channel Android, Bluetooth & IR Wireless Switching Relay.
- Install the RMG Smart Home Android App in your Smart Phone. Refer figure.2



Figure 2

- Open the App and make a Bluetooth Connectivity with Smart device (Phone/Tablet) and 6 Channel Android, Bluetooth & IR Wireless Relay.(refer figure. 3)
- All the 6 devices can be both controlled from Smart Device(Phone/Tablet) and IR remote as well.(refer figure.4 & 5)
- The ON/OFF status of the electrical appliance can be seen in your Smart Device(Phone/Tablet) even when IR remote is being operated.
- You can also use IR Remote to ON/OFF electrical appliances. For each light loads there is buttons labeled as L1,L2,L3,L4. For each fan there is FAN1 and FAN2 buttons to ON/OFF. Use UP button to increase the speed and DOWN button to decrease the speed of fan
- There is a ALL-OFF button in IR Remote to OFF all the electrical appliances connected to 6 Channel Relay Switch simultaneously.

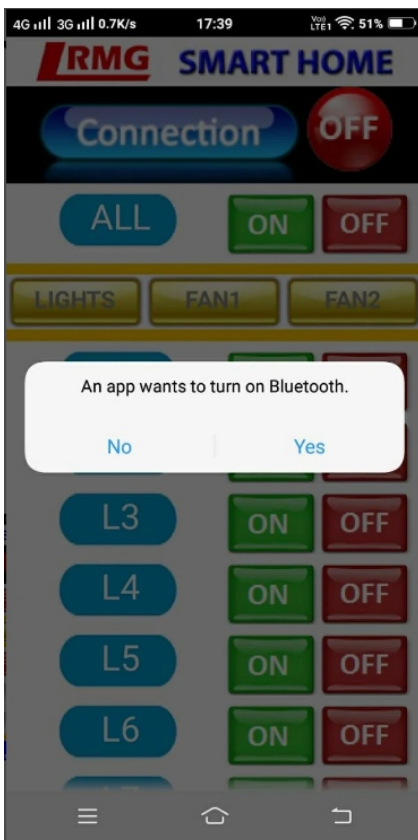


Figure 3

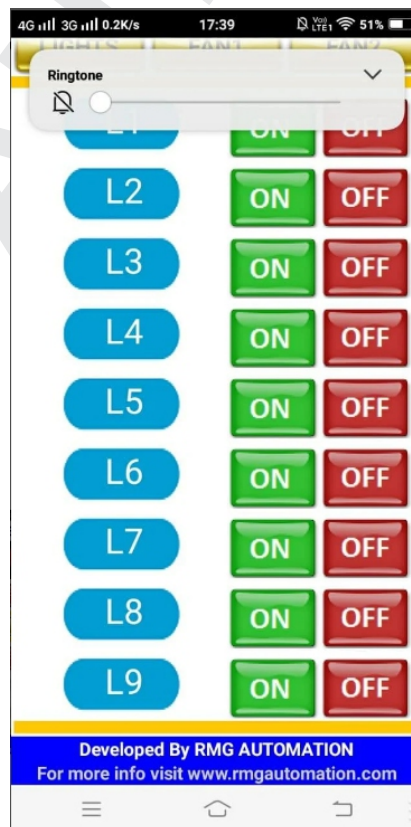


Figure 4



Figure 5

6. TROUBLE SHOOTING METHODS

Sl. No.	Error	Solutions
1	Device dead / Not Powered ON	a. Check the power connection wires for loose contacts. b. If problem continues, contact RMG Automation for support
2	Load connected is not turning ON	a. Check whether the loads connected exceeded the maximum load capacity of 1000 W . b. Check whether the connections are given properly. c. Check the IR Remote, whether it is working properly. d. If connections are okay and still issue persist, contact RMG Automation for support