

InfraRed Wireless Remote Switching System for Fan and Light - TRIAC based

Model : IRC-T-01



User Manual

1. INTRODUCTION

RMG introduces IR based FAN/LIGHT REMOTE CONTROLLER WITH 10 SPEED REGULATOR, which is a real boon to this automated world. It is much beneficially for people who are physically challenged and old aged.

2. DESCRIPTION

a. IR Wireless Remote Switch

- **OUTPUTS:** four output lines are available to connect to 3 lights and a fan.

b. IR Remote Control Unit

- **ALL- OFF button:** to turn OFF all the loads connected to switch..
- **L1,L2 and L3 buttons:** to ON/OFF loads connected to switch.
- **FAN1 button:** 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 IR Remote switching system for fan and light

Step 2: connect AC 230V supply to red and black wire of IR Remote Switching System.

Step 3: connect each blue wires from Remote switch to phase lines of the loads and connect each load's neutral line to neutral line of Remote Switch. **For 2 lights and 2 fans (2L2F) connection:** refer figure.1. **For 3 lights and 1 fan (3L1F) connection:** refer figure.2. **For 6 lights, 2 fan (6L2F) connection:** refer figure. 3 & 4. **For 9 lights, 2 fan (9L2F) connection:** refer figure.2,3 &4.

This completes installation.

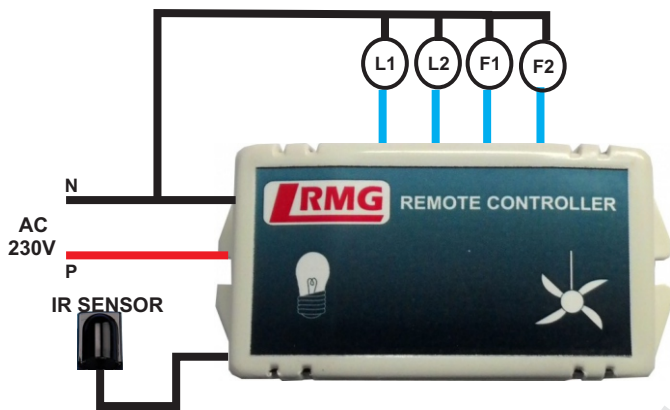


Figure1: Power & Load connection

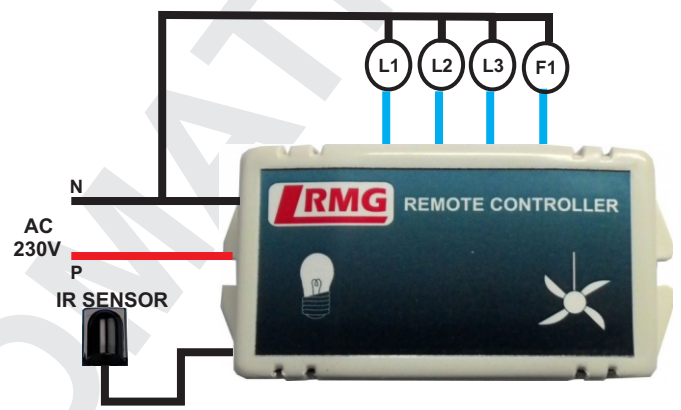


Figure2: Power & Load connection

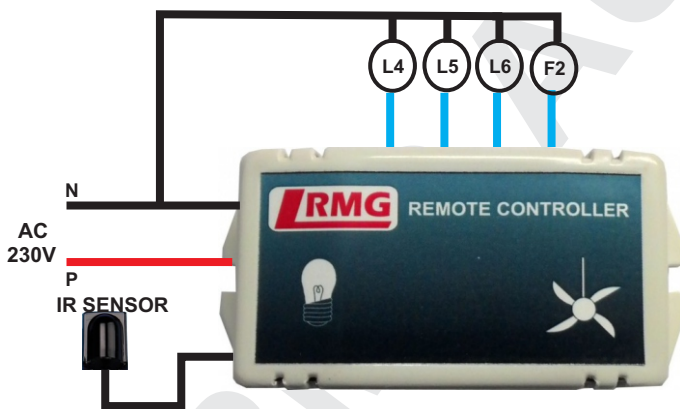


Figure3: Power & Load connection

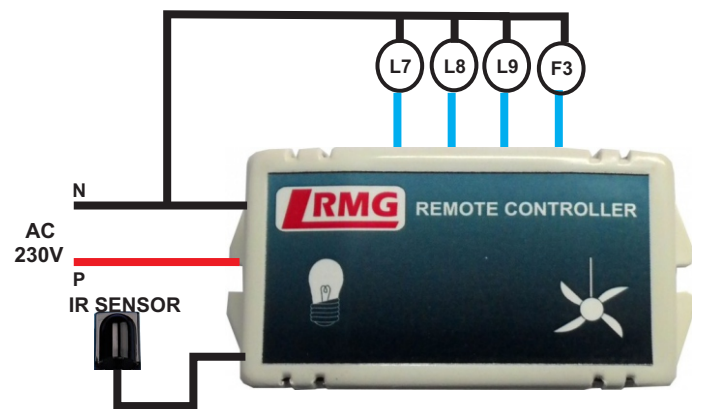


Figure4: Power & Load connection

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

5. OPERATING PROCEDURE

- Give supply to IR Remote switching system.
- Use IR Remote to ON/OFF electrical appliances. For each light loads there is buttons labeled as L1,L2,L3, L4, L5, L6,L7,L8 and L9. 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 IR Remote switching system simultaneously.

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 connections are given properly. b. Check the IR Remote, whether it is working properly. c. If connections are okay and still issue persist, contact RMG Automation for support