Instruction Manual
RF Touch controller for RGB LED lighting
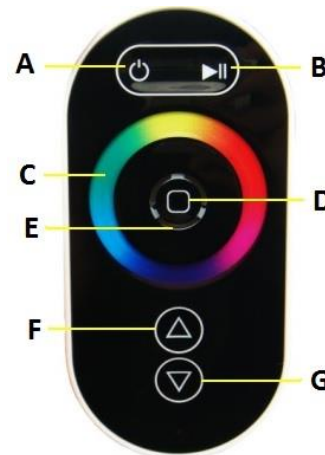
Model: RGBRFC5T   ULTRALUX

1. Technical details

Working temperature: -20~+60˚C
Working Voltage: DC 12V~24V
Connection mode: common anode
Dimensions: 127/42/33 mm
Max. output current: 3 x 6 A (6 A each port)
Max. output Power: 216W (12VDC), 432W (24V DC)
Frequency: 433.9 MHz

2. Functions

- 2 working modes: static colour and dynamic mode
- Static colour mode allows to select specific colour and to adjust the brightness.
- Dynamic mode allows to select different dynamic colour lighting effects. In this mode the speed is adjustable.
- Power-lost memory recovery function
- TOUCH buttons and colour selection ring

3. Buttons

A. Turn On / Turn OFF
B. Play/Pause
C. Colour selection ring
D. Dynamic mode selection
E. Sensor Light
F. Speed/Brightness +
G. Speed/Brightness -

4. Dynamic modes (button D):

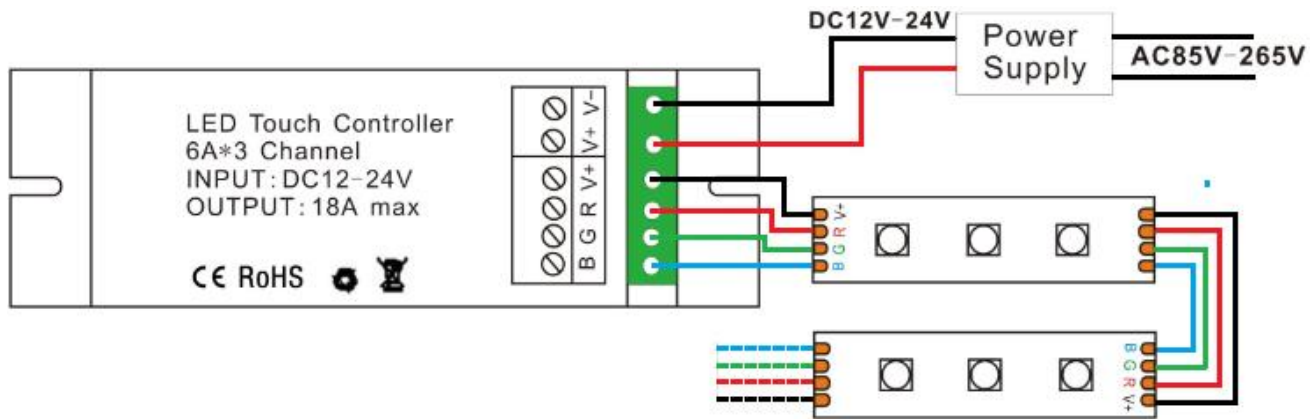| No	Patterns	Remarks
1	Static white	Only brightness is adjustable
2	White flash	Only speed is adjustable
3	White fade	
4	Three-color jump changing	
5	Seven-color jump changing	
6	Three-color gradient changing	
7	Seven-color gradient changing	
8	Red/Green cross fade	
9	Red/Blue cross fade	
10	Green/Blue cross fade	

5. Sleep mode

The touch remote will enter the sleep mode if there is no operation more than 20 seconds. Please shake the remote or touch any button several times to activate it.

6. Notes

- The wires should be connected correctly.
- Do not overload the controller.
- The warranty does not cover improper usage or overload working.
- Supply voltage of this product is DC12 V-24 V.

7. Connection diagram

The controller is paired with the remote control as factory default. The controller can be matched with a new remote if needed.

8. Matching code operation

- In order to pair the remote and the receiver follow the instructions below:
- **Step 1:** Press key "**Mode**" and hold on, turn on the power, the load LEDs will light in white on 50% brightness as responding.
- **Step 2:** Continuously press the key "**Pause** " 3 times within 5 seconds after step 1, the brightness of LEDs will change from 25% -10% as responding.
- Code learning successfully, the LEDs will be back to the status before the power off, and the receiver only can be controlled by this remote.
- If not, please re-operate from step 1 to 2.
- The controller can work at the same time max with 3 remotes and will remember only the last 3 paired remotes.

9. Clear code operation

- **Step 1:** Press key "**Mode**" and hold on, turn on the power, the load LEDs will light in white on 50% brightness as responding.
- **Step 2:** Continuously press **"Speed/Brightness-"** 3 times within 5 seconds after step 1, the brightness of LEDs will change from 25% -10% as responding.
- Code clearing successfully, the LEDs will be back to the status before the power off, and the receiver can be controlled by any remote control (any one remote control can be used to clear the code).
- If not, please re-operate from step 1 to 2.
- Any remote control of this model can work with the controller (receiver).

10. Take care of the natural environment cleanliness

Please dispose all the package elements separately into the appropriate corresponding material containers. Please dispose all broken lighting fixtures separately in containers for out of usage electrical equipment. Before disposing the WEEE contact the importer/supplier or refer to the guidelines of your local environment protection organizations.