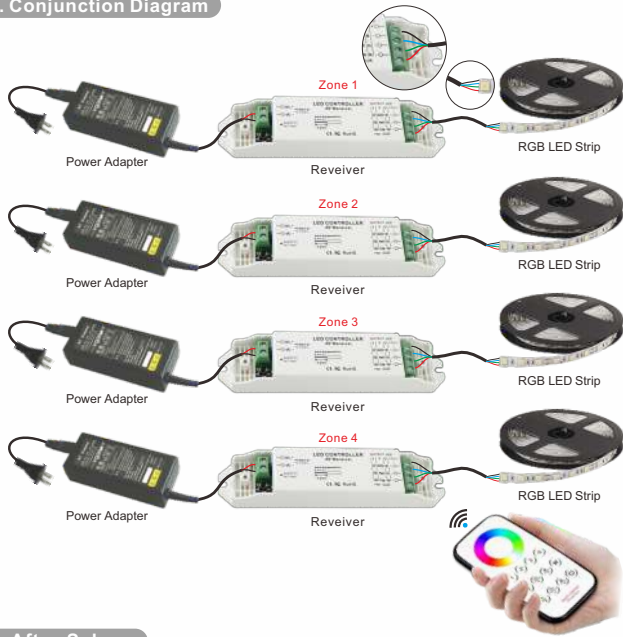


7. Conjunction Diagram



8. After-Sales

From the day you purchase our products within 3 years, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations.
2. Any damages caused by inappropriate power supply or abnormal voltage.
3. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
4. Any damages due to transportation, breaking, flooded water after the purchase.
5. Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
6. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.
7. Product has been updated.

LED Wireless RF Remote Controller User Manual



CE FC RoHS (FCC ID: 2APBAT1)  
(Please read through this manual carefully before use)  
Update Time: 2019.05.05

1. Brief Introduction

Welcome to use these series of LED controllers. These are the universal controllers for entire color changing, which adopted high-performance microchip and the most advanced PWM (Pulse-Width Modulation) controlling technology. It can control all 4-pin 3-loop LED full color lights. With 433.92M frequency RF remote control, it can accept the control of multiple remote controls, no limit to direction or obstacles. And it is available only within the valid range. With one remote control, it can control 4 zone's controllers without interfering each other.

2. Specifications

Model	Wireless Remote ( T6/T7/T8 )
Working Voltage	3V(CR2032)
Working Frequency	433.92MHz
Remote Distance	30m
Working Temp	-20°C-55°C
Dimensions	L106×W56×H9(mm)
Weight(N.W.)	40g

Model	Receiver ( R3M )
Compatible Remote	T6/T7/T8
Working Voltage	DC12V-DC24V
Output Current	Max 3A×3CH
Output Power	Max 108W(12V)/216W(24V)
Working Temp	-30°C-55°C
Dimensions	L135×W30×H20(mm)
Weight(N.W.)	48g

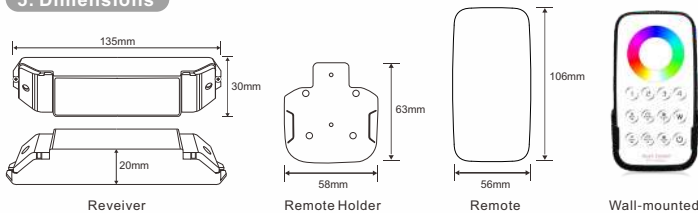
3. Basic Features

1. Automatically adapt to LED light which works from DC12V-24V.
2. The receiver can implement features such as dimming, RGB and color temperature control.
3. Using RF remote control, the wireless signal is with strong penetrating power, no limited to direction or obstacles, and can control the multi function of ON/OFF, change mode, brightness and speed, etc.
4. 10 strobe & fade change mode, with 4096 grey scales per channel, led lamp is more rich and vivid without flash.

4. Safety warnings

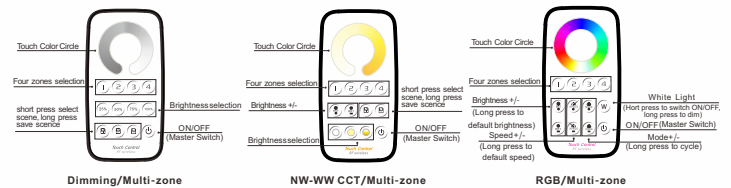
- Please don't install this controller in lightning, intense magnetic and high-voltage fields.
1. reduce the risk of component damage and fire caused by short circuit, make sure correct connection.
  2. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
  3. Check if the voltage and power adapter suit the controller. (please select DC12-24V power supply with constant voltage)
  4. Don't connect cables with power on; make sure a correct connection and no short circuit checked with instrument before power on.
  5. Please don't open controller cover and operate if problems occur.
- The manual is only suitable for this model; any update is subject to change without prior notice.

5. Dimensions



6. Operating instructions

Optional with Three Models of RF Remote:



Notice: The remote control will enter dormant status without operation for 30 seconds, please press any key to reactive it.

The Learning ID Method of Remote Control:

Learning ID: Press ID learning button on the receiver for 3 seconds, when the running light is on, then press any key of "1", "2", "3", "4" on the remote control, the running light flashes several times, activated. Each receiver can learn 4 remote controller, but each remote control can only record the first learning zone. If you want to change the zone ID, pls delete the ID first, and relearning.

Cancel ID: Press ID learning button on the receiver for 5 seconds.

RGB remote control for changing modes:

Sequence	Modes	Description
1	3 color skipping	Red, green and blue 3-color skipping
2	7 color skipping	Red, green, blue, yellow, purple, cyan, white 7-color skipping
3	White color strobe	White (with all red, green and blue on) strobe
4	3 color smooth	Red, green and blue 3-color gradual changes
5	Full color smooth	All 7-color gradual changes
6	RG color smooth	Red, green 2-color gradual changes
7	RB color smooth	Red, blue 2-color gradual changes
8	GB color smooth	Green, blue 2-color gradual changes
9	White color fade & change	White (with red, green & blue on) gradual bright & fade
10	Great cycle	All changing modes overlap cycle