

LED RF WiFi Controller Touch RGBW - 4 Zones

User Manual



Controller: white LC-012-014



Controller: black LC-012-114

1. Product Description

The RF wireless controller RGBW is a touch panel with highly sensitive glass touch front. The controller can control 4 different zones. With the glass touch panel, it is possible to mix and dim RGBW LED light with the color wheel. Also it is possible, individually or together to save 4 different colors/lighting scenes each zone.

2. Specification

2.1. Controller LC-002-014/114:

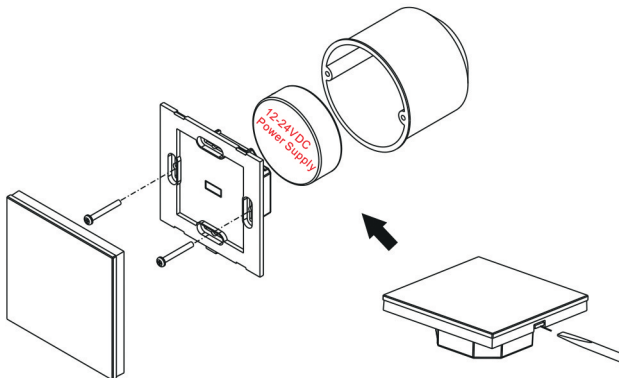
Operation Voltage: 12-24VDC, Frequency: 434MHZ/868 MHZ

2.2 Receiver LC-012-004:

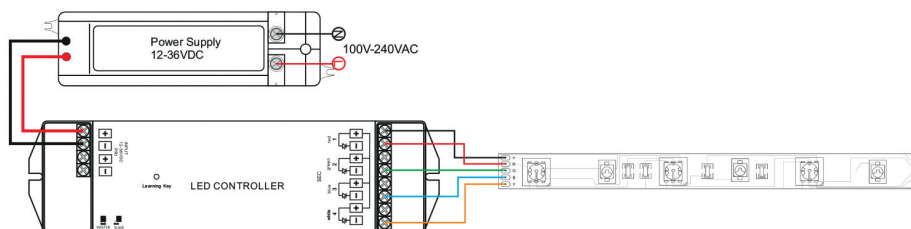
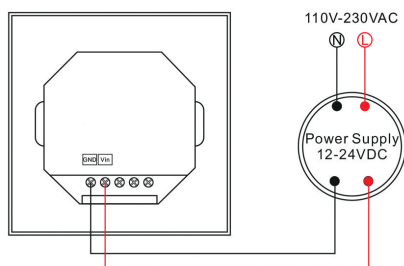
12-36VDC Input Power, 4 channels x 8A, constant voltage, 4 channels x (96-192)W

Important: With the Controller, the receiver LC-012-004 can be controlled. Thus, the receivers are controlled by software and controller.

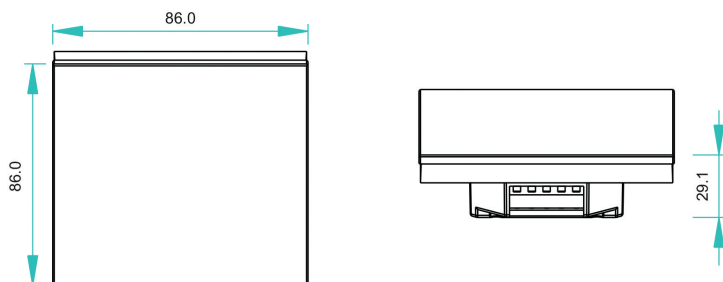
3. Installation



4. Wiring Diagram



5. Dimensions



6. Operation Manual

Connect as per point number 4. Wiring Diagram the touch panel and the controller to the power supply and the LED lights to the receiver. Connect then controller and receiver as follows:

Turn on the touch panel with ON/OFF. Press and release the Learning Key-button on the receiver and then briefly press one of the zone buttons 1-4. Then touch on the color wheel . If the LED light flashes once, you have the pairing successful completed.

Repeat the process with the other receivers, if you need them also. You can connect any number of receivers in the respective zone. To ensure that all recipients are running synchronized, you have to train 1 receiver as the master and all other ones as a slave.

Save color or color mode:

Button can save the color from mode or save color when you touch color wheel.

In „S“ button, it saved „R/ G/ B“ 3 colors in default. But with your operation, you can save another 3 colors replace those R/G/B colors.

To store the desired color:

a) Press the zone button ----> touch the color wheel and choose a favorite color/mode ----> press the „S“ button over 3 seconds ----> the LED light flash up and the indicator on the controller will be with blue and pink mixed. when the indicator like this, pls press immediately button 1 and the light will flash shortly. That means the color is saved.

To store the desired gradient:

b) Press the zone button ----> by pressing the play button, start the gradient mode, it run all stored gradients ----> hold at the desired gradient the „S“ button over 3 seconds ----> the LED light flash up and the indicator on the controller will be with blue and pink mixed. when the indicator like this, pls press immediately button 1 and the light will flash shortly. That means the first color is saved.

for example one customer like red,pink,green, purple, want to save them :

press the zone, touch the color wheel and choose the color red, press S button for 3 seconds and thereafter press 1, connected lightings will flash, that means you have saved red into 1

touch the color wheel again, choose the color pink, press S-button for 3 seconds, thereafter press 2, connected lightings will flash, that means you have saved pink into 2

touch the color wheel again, choose the color green, press S-button for 3 seconds, thereafter press 3, connected lightings will flash, that means you have saved green into 3

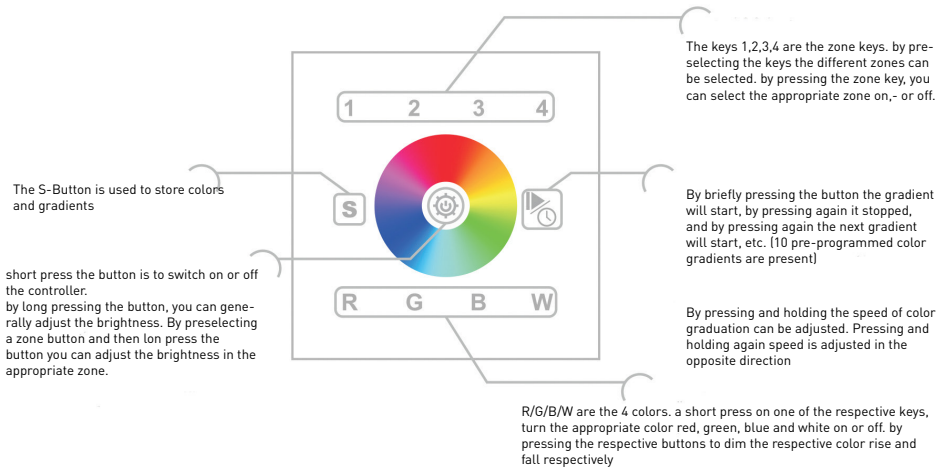
touch the color wheel again, choose the color purple, press S-button for 3 seconds, thereafter press 4, connected lightings will flash, that means you have saved purple into 4

then how to recall them, just need short press S, press 1 will show red, short press S, press 2 will show pink, short press S, press 3 will show green, short press S, press 4 will show purple.

Clear Memory (address):

as you want to erase the memory of the receiver, hold the learning key button over 10 seconds, while the receiver is powered up. Through the brief lighting of the LED's of the deletion is confirmed.

The receiver is thus reset to factory settings and thereby loses its addressing.



7. Safety warnings

1. To avoid installed the product in minefield, strong magnetic field and high voltage area.
2. To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
3. Please install the product in a well ventilated area to ensure appropriate temperature environment.
4. The product must be worked with DC constant voltage power supply.
Please check the consistence of input power with the product, if the output voltage of the power comply with that of the product.
5. Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on.
6. Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.