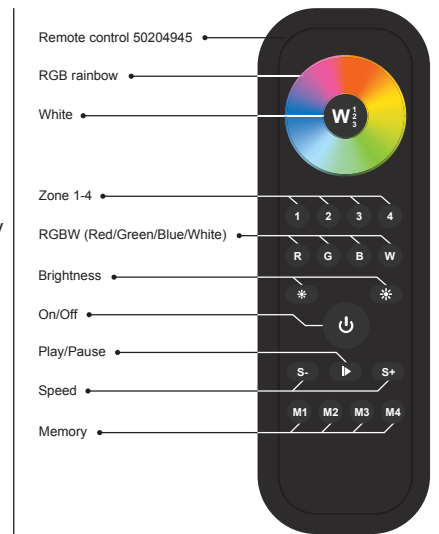
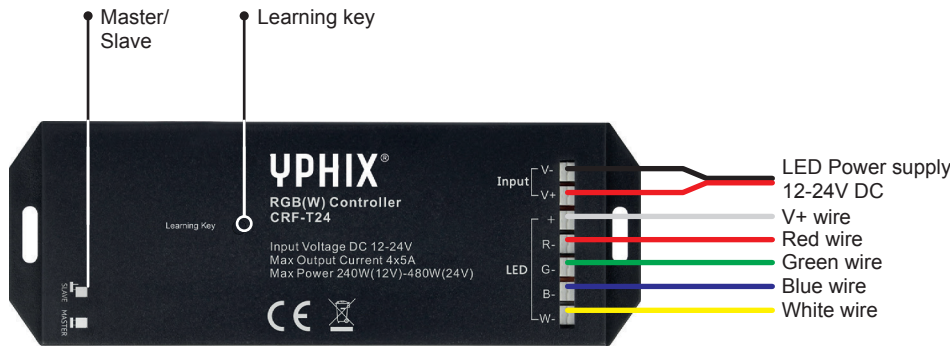


This professional RGB(W) controller can be applied both as a single and multiple receiver. When multiple receivers are used, it is possible to program up to 4 different zones. For synchronization between two or more receivers, it is possible to program the receivers as master-slave.

Key features:

- Controls up to 4 different zones individually.
- Colour mixing and individual dimming function for each zone.
- Create colour effects for each zone individually or all zones at the same time.
- Suitable for single colour LED strip, controlled separate from the RGB LED light.
- 10 colour changing programs.
- Also suitable for RGBW LED strips.

The RGB(W) receiver CRF-T24 can only be linked to the following remote control (product code: 50204945):



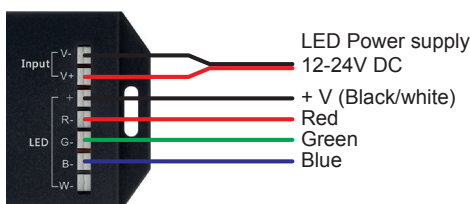
How to install the RGB(W) receiver

1. Turn off the main switch.
2. Connect the LED power supply: Connect the power supply to the 12-24 Volt input side on the receiver. Use a DC LED power supply. Please note!
 - Never connect the receiver directly to a battery. Always use a DC-DC converter.
 - Always connect all output wires of the power supply to the receiver.
 - Each receiver must have one power supply.
3. Place the Jumper in the correct position for Master-Slave purpose (applicable when multiple controllers are placed in one zone):

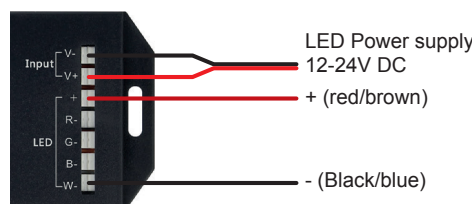
- Master setting (one receiver) :
- Slave setting (all other receivers which will be connected into the same zone as the Master)

4. Connect:

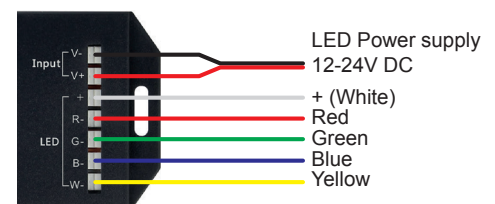
RGB LED strip:



W-LED strip (white) / 12V lamp:



RGBW LED strip:



Please be advised: programming the receiver will be easier, when you read the entire manual on forehand.

Connect remote control to receiver.

1. Turn on the main switch.
2. Connect the remote control to the receiver as following:
 - A. Reset the receiver by pressing the learning key (black) for 5 seconds. (the connected LED light will flash 2 times to confirm). The memory of the receiver has been erased;
 - B. Turn on the remote control (red LED lights turns on at the right top on the remote);





Please note: the remote control automatically turns off.

- C. Press the learning key on the receiver for ¼ sec. (very short click)
- D. Subsequently press zone 1 on the remote and then move your finger over the rainbow. The connected LED light will change colour to confirm. (If not, repeat steps A to D, but press even shorter on the learning key).
- E. Now you have connected the receiver to zone 1 on the remote.
- F. Repeat steps B - D to add multiple receivers in zone 1, 2, 3 or 4. (NB. One receiver can be linked to multiple zones. Only one master can be programmed).
- G. Repeat steps A - D to change the zones.
- H. To turn off the LED lighting in a zone press and hold the zone key for a few seconds.


Please Note: To turn the light (back) on, press and hold the zone key for a few seconds.

Instructions

Follow the next steps to change the colour of a zone:

1. Turn on the remote control. (red light turns on at the right top on the remote). 
2. Select a zone by pressing it shortly (1-4). 
- A. Select the desired colour by moving your finger over the rainbow directly after selecting a zone 
- B. Select a colour by clicking R, G, B (or W) directly after you have chosen a colour.
Clicking it shortly will turn off a colour. Press and hold a RGB key to reach the desired colour. 

Follow the next steps to memorize a colour.

3. Press the M1 key for 3 seconds to save the desired colour. (the LED strip will flash once to confirm).
4. Repeat steps 1-3 to memorize more colours in the different memories (M1-M4). 


Follow the next step to memorize multiple receivers.

5. All connected receivers will be memorized at the same time. To exclude a controller, press the zone key of this controller for a few seconds. All connected controllers in this zone will now turn off. After this press a memory key to save this setting.



Follow the next step to dimm or brighten a RGB colour.

6. Press and hold a brightness key to change the brightness. 

Follow the next step to dimm or brighten a W colour (White).

7. Press and hold the W key to change the brightness of the white light. 

Follow the next step in order to set a program.

8. Press the play/pause key in to start and pause a program. After every pause a new program will start. 
9. Slow down or speed up the program by pressing the S- or S+ key. 

Follow the next step to memorize a program.

10. Select a program and set the desired speed according to steps 8 and 9.
Now press and hold a memory key (M1-M4). The connected lights will flash once to confirm.