

## 2.4GHz RGBW LED Strip Controller Kit

Model No.: FUT028

### Features

Product adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. Widely used on the controlling of hotel lighting and home lighting.



16 Millions of colors to choose



Remote control  
Control distance 30m



Dim brightness / Saturation / White mode



2.4G RF wireless transmission technology

### Parameters

#### Remote

Operating Voltage: 3V(AAA\*2PCS)

Standby power: < 20μA

Transmit power: 6dBm

Control Signal: 2.4G Hz

Size: 100\*52\*20mm

Control Signal: 2.4GHz RF

Control Distance: 30M

Size: 85\*45\*23mm

IP Rate: IP20

Working Temp.: -10~40°C

#### Controller

Input Voltage: DC12-24V

Output Current: Max 6A/ Channel

Total Output Max 10A

Output Power: 120-240W

Output Type: Constant Voltage

EMC Standard (EMC): ETSI EN 301 489-1 V2.2.3  
ETSI EN 301 489-3 V2.1.1

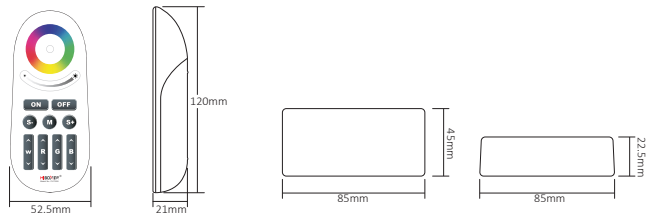
Safety Standard (LVD): EN 61347-2-11:2001+A1: 2019  
EN 61347-1:2015+A1:2018

Radio Equipment (RED): ETSI EN 300 440 V2.2.1

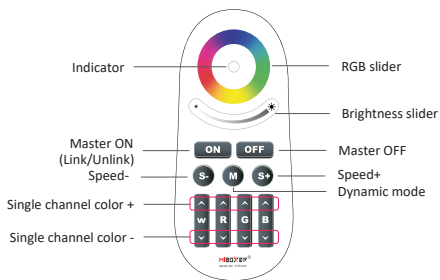
Certification: CE, EMC, LVD, RED

Warranty: 5 Years

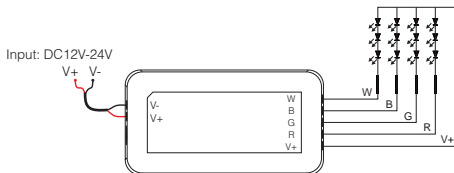
## Size



## Function



## Connection Diagram



# Automatic Adjusting and Manual Adjusting

## Static mode

1. Any color is available on color ring.
2. Saturation Control with W/R/G/B.
3. White mode is available by long pressing "ON".
4. Colors (no white) are dimmable with the slider button.

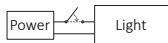
## Dynamic mode

1. White light fades in and out.
2. Several colors fade in and out.
3. R,G,B three colors fade in and out.
4. R,G,B three colors flash.
5. Six colors flash.
6. Random color flashes.
7. Red color fades in and flashes.
8. Green color fades in and flashes.
9. Blue color fades in and flashes.

**Remarks:** 1. Dim up or down the white color under dynamic mode with "W" button.  
(Note: white color is not dimmable under Dynamic mode 1)

## Linking Code / Unlinking Code Instructions

### Linking Code Instructions



1

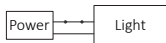
Switch off light, after 10 seconds then switch on again.

Link / Unlink button



2

Link: Press Key "ON" once within 3 seconds after switching it on. The link is done once the white light blinks.



3

Lights blink 3 times slowly means linking is done successfully.



Linking failed if light is not blinking slowly, Please follow above steps again. (Note: Light that have linked can't link again)

### Unlinking Code Instructions



1

Switch off light, after 10 seconds then switch on again.

Link / Unlink button



2

Unlink: Long press Key "ON" once within 3 seconds after switching it on. The unlink is done once the white light blinks.



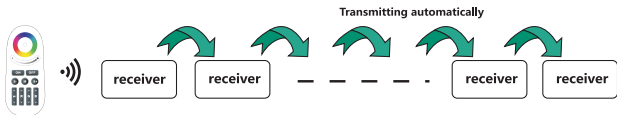
3

Lights blink 10 times quickly means unlinking is done successfully.




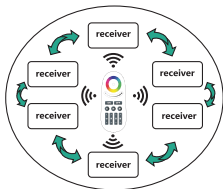
Unlinking failed if light is not blinking quickly, Please follow above steps again. (Note: Light haven't linked that don't need to unlink)

## Automatic Signal Transmission



## Automatic Group Synchronization

Remarks:1. "  "Synchronizing automatically2.Different receivers can work synchronously even when started at different times. (But should be within 30m)



## 5. Attention

1. Please check whether the voltage of the power supply is in accordance with the light, and please check the connection of both the cathode and anode, otherwise the light will be broken.
2. Please don't connect wires with power on. Please turn on again only when it is in right connection and no short circuit.
3. Non-professional user cannot dismantle the lighting fixtures directly.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

Made in China



Remote & Controller can not use in humid area