

## 3 in 1 LED Controller Kits (2.4GHz)

Model No.: FUT0375A+

### Features

- Control Distance: 30m
- 16 Millions of colors to choose
- Brightness and color temperature adjustable
- Switching 3 output mode via one button (RGB / RGBW / RGB+CCT)



16 Millions of colors to choose



Remote control  
Control distance 30m



Color temperature adjustable



Smartphone App control  
(2.4GHz gateway is needed)



Dim brightness / saturation



Support third party voice control  
(2.4GHz gateway is needed)



2.4G RF wireless transmission technology

### Parameters

#### Remote

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

Standby power: < 20μA

Transmit power: 6dBm

Control Signal: 2.4G Hz

Modulation Method: GFSK

#### Controller

Input Voltage: DC12-24V

Output Current: 6A/ Channel

Total Output Max 12A

Output Power: 144-288W

Output Type: Constant Voltage

Control Signal: 2.4GHz RF

Control Distance: 30M

IP Rate: IP20

Working Temp.: -10~40°C

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

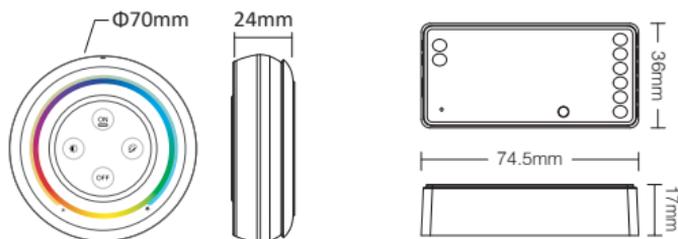
Safety Standard (LVD) : EN 61347-1: 2015+A1:2021  
EN 61347-2-11:2001+A1:2019

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

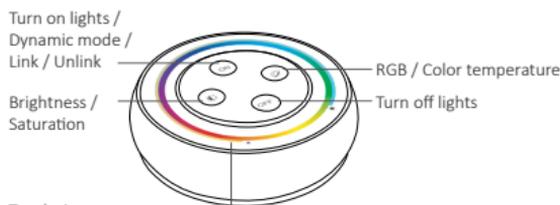
Certification: CE, EMC, LVD, RED

Warranty: 5 Years

## Size



## Function



brightness, saturation, color temperature, RGB use together.  
(It turns to adjust brightness by default if remote is not operated for 3 seconds)

## Remote Instruction

- Adjust RGB  
Short press key twice in succession, and then touch to adjust RGB.
- Adjust saturation  
Press key twice in succession, and then touch to adjust color saturation of lighting.  
**(Note: only in RGB mode)**
- Adjust color temperature  
Short press key once, then touch to adjust color temperature.
- Adjust brightness  
Short press key once, then touch to adjust brightness.
- Dynamic mode switching  
Long press key until indicator light flashes twice, then short press key to cycle switch.  
(Note: it will exit automatically if no operation after 3 seconds)

## Install The Battery For Remote

Note: 2\*AAA Battery need to buy separately



1. Open battery cover behind remote.



2. Install battery correctly and close battery cover.

## Connection Diagram

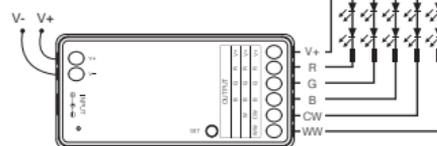
Input: DC12V~24V



RGB Mode



RGBW Mode

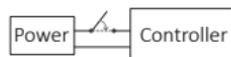


RGB+CCT Mode

## Linking Code / Unlinking Code Instructions

Attention: No need to match code since its already matched code in factory setting

### Linking Code Instructions



or SET ○

1

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



Link/Unlink button

2

Short press "ON" button 3 times within 3 seconds when light on.



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



or SET ○

1

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



Link/Unlink button

2

Short press "ON" button 5 times within 3 seconds when light on.



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)

## Set up output mode

Set up correct output mode based on the feature of lights

Setting method: Press "SET" button continuously to switch output mode (attention: it will log out without operation within 3 seconds)

Output mode sheet ( confirm output mode based on color of indicator)

Indicator color	Red Light	Green Light	Blue Light
Output	RGB	RGBW	RGB+CCT

## Dynamic mode table selection **(only for remote control)**

### Select dynamic mode table 1:

While the light is in static mode, short press "S+" button 5 times quickly until blue light flashes 3 times slowly, static mode is activated successfully.

### Select dynamic mode table 2:

While the light is in static mode, short press "S-" button 5 times quickly until yellow light flashes 3 times slowly, static mode is activated successfully.

## Dynamic mode table 1 (default)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

## Dynamic mode table 2 (need to switch manually)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Seven colors gradual change	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual change +Flash 3 times	
9	White light gradual change +Flash 3 times	

## PWM high frequency / low frequency switching (only for remote control)

### Switch to high frequency:

Press "OFF" button 1 time within three seconds and press "ON" button 5 times, Activated successfully once led light flashes 2 times quickly.

### Switch to low frequency:

Press "ON" button 1 time within three seconds and press "OFF" button 5 times, Activated successfully once led light flashes 2 times slowly.

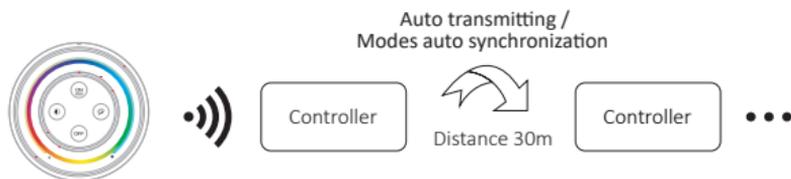
## Auto transmitting & Synchronization (only for remote control)

### Remote signal auto transmitting

One light can transmit the signals from the remote control to another light within 30m, as long as there is a light within 30m, the remote control distance can be limitless.

### Dynamic modes auto synchronization

Multi lights can synchronize if they are in same dynamic mode and linked with same remote (distance between each light is within 30m)



## Turn Do Not Disturb mode on and off (ON by default)

Turn on "Do Not Disturb" (applicable to areas with frequent power outages to save energy)

### Turn on Do Not Disturb mode:

Short press the "OFF" button 3 times within 3 seconds, and then short press the "ON" button 3 times. The light flashes 4 times to indicate success.

**Note:** When the lamp is powered on again after a power outage, its status (lights on or off) will remain the same as before the power outage.

### Turn off Do Not Disturb mode:

Short press the "ON" button 3 times within 3 seconds, and then short press the "OFF" button 3 times. The light flashes 4 times slowly to indicate successful shutdown.

**Note:** When the lamp is powered on again after a power outage, its status will be on by default.

## Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
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