

# FUT089 RGB-W LED Controller

FUT089 is the 2.4GHZ RF wireless synchronization RGBW controller.

- 8 zone control
- CCT adjustable
- Set up to 16 million colors
- Contextual mode
- Bright dim control



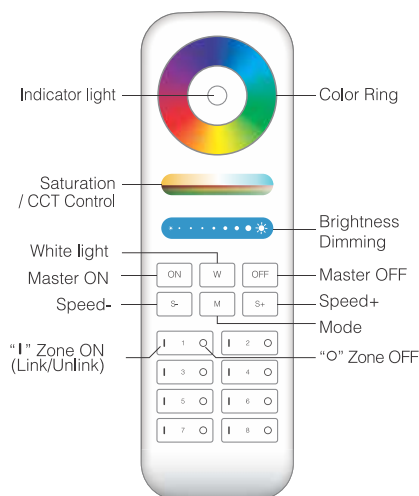
## 1. Product Parameter:

<b>Input Voltage</b>	DC 1.5V (2x AAA Battery) (3VDC Total)
<b>Zone Control</b>	8 zones
<b>Working Frequency</b>	2.4GHZ
<b>RF Remote Distance</b>	22.8m (75ft) Clear line of sight
<b>Modulation method</b>	GFSK
<b>Transmitting power</b>	6dBm
<b>Standby Power</b>	15uA
<b>Size</b>	L 153mm (6.02") x W 47mm(1.8") x H 19mm(0.74")

## 2. Product Dimensions



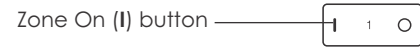
## 3. Operation Panel and Component Instruction



## 4. Pairing/Unpairing

### Pairing:

- Turn **off** the power, then turn **on** after about 5 seconds.
- Press "1" button 3 times within 3 seconds. On Remote control LED indicator light will blink 3 times when the pairing is done.
- Touch the color wheel to make sure that device is paired and changes the color.



**Note:** If you have to control multiple receivers synchronously, each receiver should be paired according to the above steps.

### Unpairing:

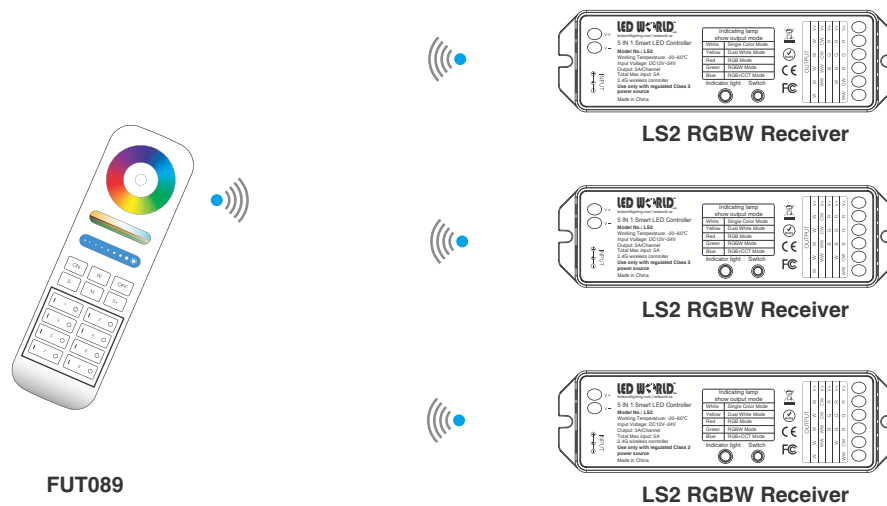
- Turn **off** the power, then turn **on** after about 5 seconds.
- Press "1" button 5 times within 3 seconds. On Remote control LED indicator light will blink 10 times when the device is unpaired.

## 5. Mode Changing Table

Number	Dynamic Mode		Description
	Brightness, Color Temp	RGB/RGBW/RGB+CCT	
1	White gradual change	Colors gradual change	Adjustable Brightness/Speed
2	White jump to change	White gradual change	Adjustable Brightness/Speed
3	White gradual + jump to change	RGB color gradual change	Adjustable Brightness/Speed
4	NC	7 colors jump to change	Adjustable Brightness/Speed
5	NC	Random jump to change	Adjustable Brightness/Speed
6	NC	RGB gradual + Jump to change	Adjustable Brightness/Speed
7	NC	Green gradual + Jump to change	Adjustable Brightness/Speed
8	NC	Blue gradual + Jump to change	Adjustable Brightness/Speed
9	NC	White gradual + Jump to change	Adjustable Brightness/Speed

## 6. Auto synchronization function

Different receivers can work synchronously when they are started at different times, controlled by the same remote.



## 7. Auto transmitting function

One receiver can transmit the signal from remote control to another receiver within 22.8m (75ft) as long as there is a receiver within same distance.