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# Wireless 2.4GHz Smart Touch Panel Remote Controller RGB – RGBW

The Wireless Wall Mount Remote Controller allows you to control the lighting system throughout the house with its 4-zone undivided group lighting feature. Having this type of controller lets you manage four separate zones. Moreover, it has a magnetic mount feature, for an easy snap installation on any metal object. Each zone needs one receiver for transmitting signals from the lights to the wireless panel controller. The receiver is chosen based on whether the light is RGB or RGBW. In each zone there can be up to 10 receivers. The LED Strip controller effortlessly adopts 12-24V LED lights. It acts as a receiver to the wireless remote controller and the LED lights connected to it. Moreover, it is compatible with the smartphone app (2.4GHz Gateway needed).

## WALL MOUNTED REMOTE CONTROLLER
**SKU:** 666561412913

| | |
|---|---|
| Model No: | VBD-MI-4Z-B3 |
| Voltage: | 3V (2 x AAA Battery) |
| Transmission Freq.: | 2.4 GHz |
| Transmitting Power: | 6dBm |
| Control Distance: | 30 Meter |
| Working Temperature: | -20~60°C |
| Standby Power: | 20uA |
| Dimensions: | 86 x 86 x 19mm (3.38 x 3.38 x 0.73 in) |

## RGB RECEIVER
**SKU:** 666561412869

| | |
|---|---|
| Model No: | VBD-MI-FUT037 |
| Voltage: | 12~24V DC |
| Output Current: | 6A per Channel Max |
| Total Current: | 10A Max |
| Color: | 16 million colors (RGB) |
| Transmission Freq.: | 2.4 GHz |
| Distance Range: | 30 Meters |
| IP Rating: | IP20 |
| Dimensions: | 85 x 45 x 22.5mm (3.35 x 1.75 in x 0.9 in) |
| Certification: | CE  RoHS |

## RGBW RECEIVER
**SKU:** 666561425180

| | |
|---|---|
| Model No: | VBD-MI-FUT038 |
| Voltage: | 12~24V DC |
| Output Current: | 6A per Channel Max |
| Total Current: | 10A Max |
| Color: | RGBW primary colors with 16 million secondary colors |
| Transmission Freq.: | 2.4-2.48 GHz |
| Distance Range: | 30 Meters |
| IP Rating: | IP20 |
| Dimensions: | 85 x 45 x 22.5mm (3.35 x 1.75 in x 0.9 in) |
| Certification: | CE  RoHS |

## MODE LIST:

**M1  Fade in and fade out here:** Different colors fade into each other

**M2  Strobe white:** Just white color flashes up

**M3  RGBW fade in fade out:** This program fades in and fades out the color Red, Green, Blue, and white one after another

**M4  Color flash:** In this program, Red, Green, Blue, White, Yellow and Purple flashes to change

**M5  Disco:** Different colors strobe and flash to change

**M6  The red color ramp up and flash:** In this program, the Red color brightens from 0%-100% and shuts down, then flashes three times

**M7  Green color ramp up and flash:** In this program, the Green color brightens from 0%-100% and shuts down, then flashes three times

**M8  The blue color ramp up and flash:** In this program, the Blue color brightens from 0%-100% and shuts down, then flashes three times

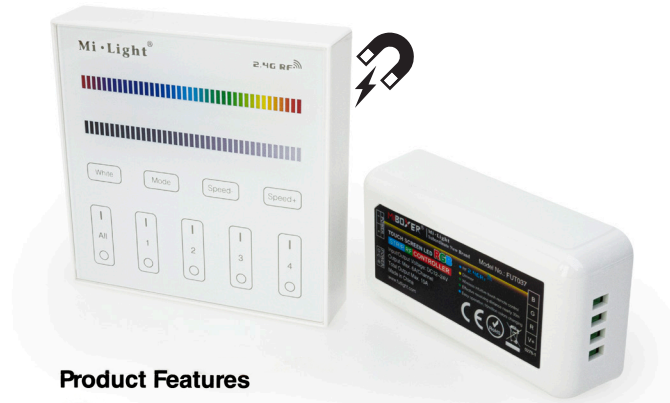**M9  Color change+flash:** Here several colors fade into each other and then flash randomly

**Note:** The colors can be dimming under any mode, the speed of any mode can be adjustable. The white color for the RGB LED strip light is a mixture of Red, Green, and Blue, so the White is not pure.
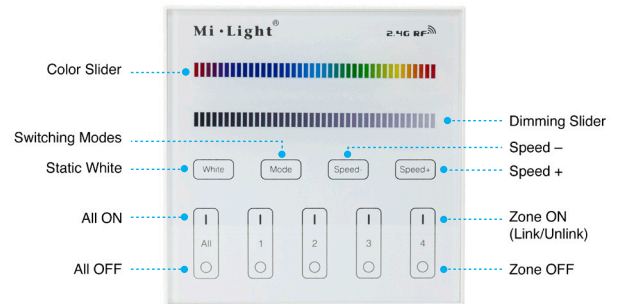
## Product Features

16 Millions of colors to choose

Brightness Dimming

2.4GHz RF, remote control Control distance 30m

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

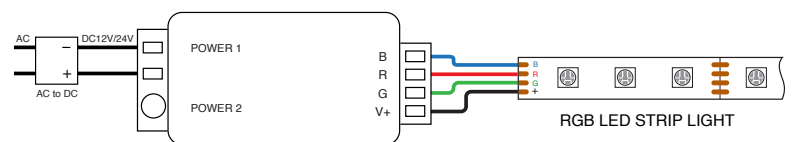Smart phone APP control (2.4GHz gateway is needed)

## Button Function Diagram

- Color Slider
- Switching Modes
- Static White
- All ON
- All OFF
- Dimming Slider
- Speed –
- Speed +
- Zone ON (Link/Unlink)
- Zone OFF

## FUNCTION OF KEYS

**Remark:** When touching the button, the LED indicating the lamp will flash once with a different sound (Touch slider with no light).
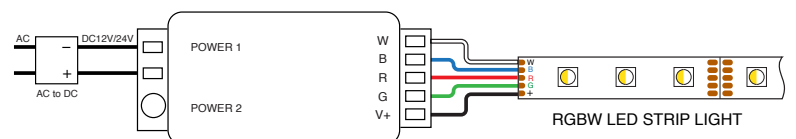
### B3 4-zone Panel Remote Controller (RGBW)

| | |
|---|---|
| | Touch the color slider choose the color you want |
| | Touch dimming slider, to change the brightness from 1-100% |
| White | Touch the white button to the white light mode. |
| Mode | Switching Modes |
| Speed- | Slow the speed on present dynamic mode |
| Speed+ | Accelerate the speed on present dynamic mode |
| | **ALL ON:** Touch to turn on all linked lights. **(Zone 1-4) ON:** Touch zone ON, turn on zone linked lights. |
| | **ALL OFF:** Touch to turn off all linked lights. **(Zone 1-4) OFF:** Touch zone OFF, turn off zone linked lights |

### VBD-MI-FUT037 (RGB) Connection Diagram

AC  DC12V/24V  AC to DC  POWER 1  POWER 2  B R G V+  RGB LED STRIP LIGHT

### VBD-MI-FUT038 (RGBW) Connection Diagram

AC  DC12V/24V  AC to DC  POWER 1  POWER 2  W B R G V+  RGBW LED STRIP LIGHT