

User Manual

FUTxxx Series

Important: Read all instructions prior to installation.

RGB+CCT Bulbs

Specifications

Model	FUT104	FUT103	FUT012
bulb type	MR16 (GU5.3)	MR16 (GU10)	A19 (E26/E27 base)
operating voltage	12 VAC/VDC	100–240 VAC	
power consumption	4 W		9 W
dimming	through controller only (saturation)		

Safety and Notes

- For indoor use only
- White color temperature can not be adjusted unless white LED selection mode is active.

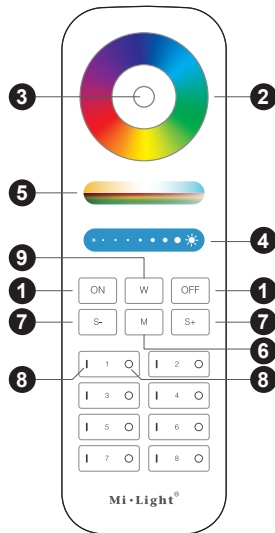
Compatible Remote Controls

One of these controls (available at additional cost) is required to control the bulb. Each light can be linked with up to 4 different remote controls (any combination of wireless remotes and Wi-Fi controls). Each control (and zone) can be linked to an unlimited number of lights.

WIFI-CON2
(for smart phone control)



RGB+CCT-MZ8-RF



FUT104



FUT103



FUT012

Control Features

1. Master On/Off

Acts as a master On (-)/Off (O) control for all linked RGBW and RGB+CCT lights. Also activates the Master function, which allows remote to control lights of all zones. If a zone is currently active, pressing Master On (-) button on remote or back button in app restores Master function to the remote.

2. Color Selection Ring

Directly selects color along a circular spectrum. Press W button to changes to a steady bright white.

3. Selection LED Indicator (wireless remote control only)

Flashes once to indicate when a command has been selected.

4. Brightness Touch Slider - Increase/Decrease

Increases (right side) or decreases (left side) the brightness level. Changing active mode resets brightness level to full.

5. Saturation/CCT Touch Slider - Increase/Decrease

Increases (right side) or decreases (left side) the color saturation level. When controlling white, adjusts from cool white (right side) to warm white (left side).

6. Mode

Nine distinct modes feature different color combinations, light transitions, and patterns. On wireless remote, this button initiates mode function and scrolls through modes in ascending order. In app, simply select mode button and press any numbered mode button to switch between modes.

7. Mode Speed Increase/Decrease

Increases (S+ or +Speed) or decreases (S- or -Speed) speed of currently active mode.

8. Zones 1–8 On (I)/Off (O)

Allows up to eight zones (channels) of RGBW and/or RGB+CCT lights to be separately linked and controlled by remote/app. Pressing any Zone On(I) button activates that zone. Commands will affect only lights in that zone. Once linked to a zone, lights remain linked until they are unlinked.

9. White LED Selection

Switches to white LED operation.

Note: While functions remain the same, the phone/tablet display will vary in appearance from remote control.

Light Modes

Mode	Description	Additional Control(s)
1	seven color, gradual transition	saturation, speed, and brightness
2	white (mix of warm and cool), gradual transition	speed and brightness
3	RGB, gradual transition	saturation, speed, and brightness
4	seven color sequence, jump to change	saturation, speed, and brightness
5	random color, jump to change	saturation, speed, and brightness
6	red light pulse then flash 3 times	saturation, speed, and brightness
7	green light pulse then flash 3 times	saturation, speed, and brightness
8	blue light pulse then flash 3 times	saturation, speed, and brightness
9	white (mix of warm and cool) light pulse then flash 3 times	speed and brightness

Important: Read all instructions prior to installation.

RGB+CCT Bulbs

Parts Included

- 1 - WIFI-CON
- 1 - USB-500MA-5V

Setup Instructions

1. Download MiBoxer app on compatible device (iOS or Android).
2. See WIFI-CON manual for complete instructions on how to establish connection and set up Wi-Fi control.

Note: Constant 2.4 GHz Wi-Fi connection is required for remote access to Wi-Fi control through your device.

Linking Lights to App Remote

Linking a Light

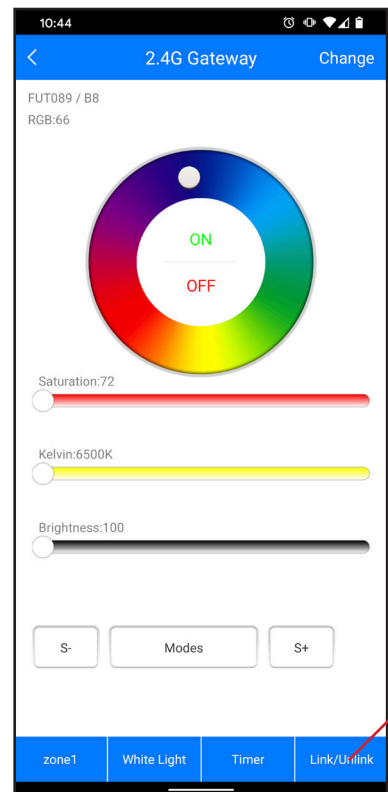
1. Press the Link/Unlink button (1).
2. Select the desired zone.
3. Follow the on screen instructions to link the light.

Activating and Controlling a Specific Zone

To activate a specific zone, select one of the available zones and press On button. Zone is now active and remote commands will only affect lights linked to that zone.

Unlinking a Light

1. Make certain the light is powered off.
2. Press the Link/Unlink button (1).
3. Select the desired zone.
4. Press the unlink button to remove devices from the selected zone.



Wireless Remote Control

Parts Included

- 1 - RGB CCT-MZ8-RF

Setup Instructions

Install two AAA batteries (not included) into wireless remote.

Note: Wireless remote operates using radio frequency and has 100 ft. (30 m) range.

Pairing Lights to Remote Control

Pairing a Light

1. Make certain light is powered off.
2. Apply power. Within 3 seconds, press and hold one of the eight Zone On (I) buttons until light begins flashing. Light will flash 3 times if successfully paired to selected zone.

Note: If encountering issues when pairing, instead try continually pressing the desired Zone On (I) button repeatedly from before when power is applied to the controller until a few seconds after.

Activating and Controlling a Specific Zone

To activate a specific zone, press Zone On (I) button for desired zone. Zone is now active and remote commands will only affect lights paired to that zone.

Unpairing a Light

1. Make certain light is powered off.
2. Apply power. Within 3 seconds, press and hold Master On (I) button until light begins flashing. Light will flash 10 times if successfully unpaired.

FCC Statement

Applicable to controls only.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.