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› LGIDTECH FUT103 Miboxer 4W GU10 LED Spotlight Instruction Manual

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Model: FUT103 | Brand: LGIDTECH

1. INTRODUCTION

This manual provides comprehensive instructions for the LGIDTECH FUT103 Miboxer 4W GU10 LED Spotlight. This advanced LED bulb offers RGB+CCT color changing capabilities, adjustable color temperature, and dimmable functionality, along with a memory function for your preferred settings. Please read this manual carefully before installation and use to ensure proper operation and safety.

Important Note: This LED bulb cannot be controlled directly by a smartphone. It requires an external gateway (hub) for smartphone application control. The gateway is sold separately.



Image 1: LGIDTECH FUT103 Miboxer 4W GU10 LED Spotlight. This image displays the product, highlighting its GU10 base and the MiBoxer branding.

2. SETUP INSTRUCTIONS

To utilize the full smart features of your LGIDTECH FUT103 LED Spotlight, you must first set up the MiBoxer 2.4G Gateway (WL-Box1 or similar compatible gateway, sold separately) and pair it with the control application.

2.1. Gateway and App Pairing

1. Step 1: Power on the Gateway

Connect the MiBoxer gateway to a power source using the provided USB cable (adapter excluded, compatible with phone adapters). Long press the 'SET' key on the gateway for 3 seconds until the 'SYS' indicator blinks quickly.

2. Step 2: Open the Control Application and Add Device

Open the MiBoxer or Tuya Smart application on your smartphone. Tap 'Add Device' or the '+' icon to begin searching for nearby devices. Ensure your phone's Bluetooth is enabled. Select 'Light Source (BLE+Wi-Fi)' from the lighting category.

3. Step 3: Pair with Wi-Fi

Confirm the gateway's indicator light is blinking rapidly. Enter your 2.4 GHz Wi-Fi network password (5GHz networks are not supported). The application will then search for and add the gateway. Once successfully added, the 'LINK' indicator on the gateway will turn green.

4. Step 4: Linking Lamps or Other Devices

From the gateway control interface in the app, navigate to the 'Set' tab and select 'Link/Unlink'. Choose the desired zone (e.g., Zone 1, Zone 2, etc., or ALL). Power off the LED lamp, then reload power after 10 seconds. Within 3 seconds of the lamp turning on, press the 'Link' button in the app. The lamp will flash 3 times slowly to indicate successful linking. If linking fails, repeat the steps.

Your browser does not support the video tag.

Video 1: This video demonstrates the step-by-step process of pairing the MiBoxer WL-Box2 Gateway with the Tuya Smart application, including powering on the gateway, adding the device in the app, connecting to Wi-Fi, and linking the LED bulb to a control zone.

3. OPERATING INSTRUCTIONS

Once your LGIDTECH FUT103 LED Spotlight is linked to the gateway and control application, you can manage its various lighting features.

3.1. Color Changing (RGB)

Access the 'Color' tab within the application. You can select from 16 million colors to create different moods and ambiances. Simply tap or drag your finger across the color wheel to choose your desired hue.

3.2. Color Temperature Adjustment (CCT)

In the 'White' tab of the application, you can adjust the color temperature from 2700K (warm white, suitable for relaxation) to 6500K (cool white, ideal for working or focused tasks).

3.3. Dimming

Adjust the brightness level of the light using the dimmer slider available in both 'White' and 'Color' modes within the application.

3.4. Memory Function

The bulb features a memory function, retaining the last color, brightness, and mode settings even after being turned off and on again.

3.5. Remote Control Compatibility

The FUT103 bulb is compatible with various MiBoxer remote controls (sold separately) for direct control without the app, including:

- 4-Zone Remote FUT092

- 4-Zone Panel Remote B4
- 8-Zone Remote FUT089
- 8-Zone Panel Remote B8

3.6. Voice Control

When connected via the WL-Box1 Gateway, the bulb can be controlled using voice commands through compatible smart home assistants like Amazon Alexa and Google Home Assistant.

4. MAINTENANCE

To ensure the longevity and optimal performance of your LED spotlight, follow these general maintenance guidelines:

- **Cleaning:** Ensure the bulb is powered off and cool before cleaning. Use a soft, dry cloth to gently wipe the surface. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the bulb.
- **Environment:** This product is designed for indoor use only. Avoid exposure to extreme temperatures, high humidity, or direct water contact.
- **Installation:** Ensure the bulb is securely screwed into a compatible GU10 base. Do not overtighten.
- **Power:** Always ensure the voltage is within the specified range of AC 100-240V / 50-60Hz.

5. TROUBLESHOOTING

If you encounter issues with your LGIDTECH FUT103 LED Spotlight, refer to the following common solutions:

- **Bulb not responding to smartphone app:**
Confirm that you have a MiBoxer 2.4G Gateway (hub) connected and properly paired. This bulb cannot be controlled directly by a smartphone without the gateway. Ensure the gateway is powered on and its 'LINK' indicator is green.
- **Linking failed (light does not flash slowly):**
If the light does not flash slowly after power cycling and pressing 'Link' in the app, repeat the linking steps carefully. Ensure the power is turned off for at least 10 seconds before turning it back on and attempting to link within 3 seconds. The light may already be linked to a different code if it does not respond.
- **Incorrect color or brightness:**
Check the settings in your control application. Ensure you are in the correct mode (White or Color) and adjust the sliders accordingly.
- **Bulb not turning on:**
Verify that the bulb is securely installed in the GU10 base and that the power supply is active. Check the voltage to ensure it is within the AC 100-240V range.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Product Name	4W GU10 RGB+CCT LED Spotlight Bulb
Model Number	FUT103
Brand	LGIDTECH (Mi.Light)
Power	4W
Voltage	AC100-240V / 50-60Hz
Kelvin (Color Temperature)	2700-6500K
Luminous Flux	250-280lm
Luminous Efficiency	70lm/W
CRI	>80
Base Type	GU10
Beam Angle	25°
Material	Aluminum+PC
Control Distance	30 meters (98 ft)
Size	Φ50*57mm (1.97"W x 2.24"H)
Average Life	40,000 Hours
Control Method	App, Remote, Voice (via Gateway)

4W RGB+CCT LED Spotlight

2.4 GHz RF remote controllable, 16 million colors to choose, adjustable brightness, color temperature and saturation



Product Parameters



Product Name: 4W GU10 RGB+CCT LED Spotlight

Model No: FUT103

Power: 4W

Voltage: AC86-265V / 50-60Hz

Kelvin: 2700-6500K

Luminous Flux: 250-280LM

Luminous Efficiency: 70LM/W

CRI: >80

Base Type: GU10

Beam Angle: 25°

PF: >0.55

Material: Aluminum+PC

Control Distance: 30m

Size: $\Phi 50 \times 57$ mm

Application Areas: houses, restaurants, bars, etc



Image 2: Detailed product parameters and dimensions for the LGIDTECH FUT103 LED Spotlight.

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact LGIDTECH customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

CAUTION

Please ensure the voltage is within AC 100-240 V, 50-60Hz before installation and use. Failure to do so may result in damage to the product or electrical hazards.



Attention

This wifi led bulb wouldn't work with smartphone directly!
It must work with our own hub/bridge for smartphone wifi control!
We call this hub/bridge wifi iBox,2 types,iBox1 and iBox2.
You can find them in our store.

If you prefer wifi led bulb work with smartphone directly,
please check ASIN B01MZY57V7 in our store.
Thank you very much!!

Image 3: A caution notice emphasizing that the Wi-Fi LED bulb requires a separate hub/bridge (iBox1 or iBox2) for smartphone control.