LGIDTECH B4

LGIDTECH B4 4-Zone Wall-Mounted Smart Panel Controller User Manual

Model: B4
Brand: LGIDTECH

Introduction

The LGIDTECH B4 Wireless 2.4G RF 4-Zone Wall-Mounted Smart Touch Screen Panel Controller is designed to work exclusively with Mi-Light's newest version of RGB+CCT series LED light bulbs, spotlights, downlights, and flood lights. This controller offers comprehensive control over your lighting, including brightness dimming, color changing modes, and multi-zone management.
It is powered by 2 AAA batteries (not included) and operates at a working temperature of -20 to 60°C. The panel size is 86x86mm. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure optimal performance of your B4 controller.

Product Overview

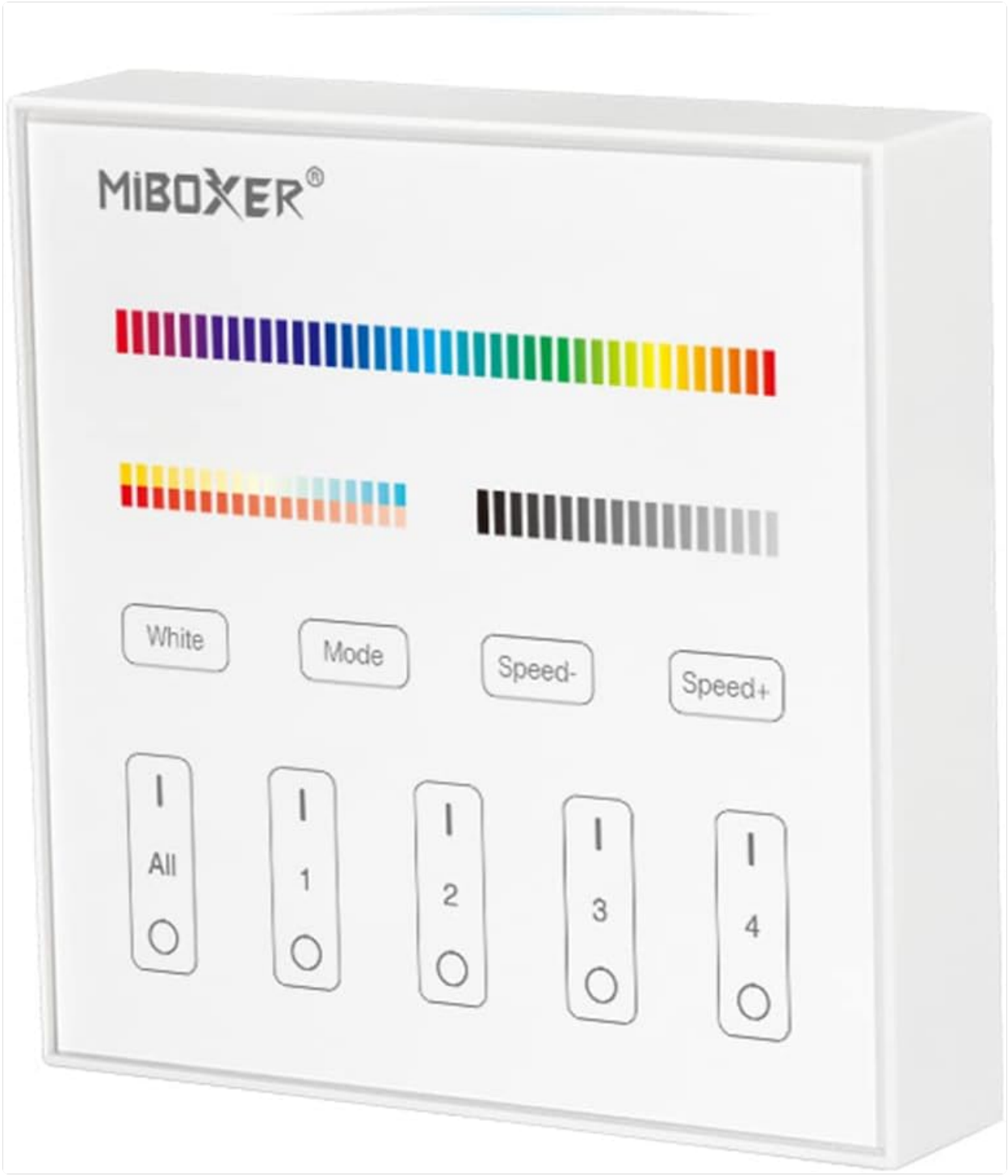


Figure 1: LGIDTECH B4 Wall-Mounted Smart Panel Controller

This image shows the front view of the LGIDTECH B4 controller, featuring a clean white design with a touch-sensitive interface for color selection, brightness, speed, and zone control.



Figure 2: Button Function Diagram

This diagram illustrates the various touch controls on the B4 panel, including the color slider, dimming slider, speed controls, and individual zone ON/OFF buttons.

Setup and Installation

1. Battery Installation

The B4 controller is powered by two AAA batteries. Ensure correct polarity when inserting the batteries.



Figure 3: Battery Installation

This image shows the rear of the B4 controller with the battery compartment open, indicating where to insert the two AAA batteries.

2. Connecting Lights and Power Supply

For strip controllers (e.g., LS2), connect the strip light and power supply to the controller unit. Ensure all connections are secure before proceeding.

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Video 1: How to control LS2 strip controller with B4 Panel Remote

This video demonstrates the process of connecting the LS2 strip controller to the LED strip lights and power supply, and then linking it with the B4 panel remote.

3. Linking the Controller with Lights

To link the B4 panel controller with your Mi.Light RGB+CCT series LED lights:

1. Ensure the lights are installed and connected to their power supply.
2. Turn off the electricity to the lights.
3. Wait for 5 seconds or more.
4. Turn on the electricity to the lights again.
5. Within 3 seconds of the LED lights turning on, press any Zone's ON key (e.g., Zone 1 ON) on the B4 panel controller three times.
6. If successful, the LED lights will blink three times, indicating successful linking.

Each zone on the B4 controller can control an unlimited number of lights within a 30-meter (98 feet) range.

Operating Instructions

1. Color Control

The B4 controller allows you to select from 16 million colors. Use the color slider on the top of the panel to choose your desired color.



Figure 4: Color Selection

This image demonstrates the color selection feature on the B4 panel, highlighting the wide range of colors available.

2. Brightness Dimming

Adjust the brightness of your lights from 1% to 100% using the dedicated dimming slider on the panel.



Figure 5: Brightness Adjustment

This image shows the brightness dimming functionality of the B4 controller, allowing users to adjust light intensity.

3. Color Temperature and Saturation Adjustment

When in white light mode, you can adjust the color temperature (2700K-6500K). In color mode, you can change the color saturation.

4. Dynamic Modes and Speed Control

The controller features 9 color changing modes. Press the "Mode" button to cycle through these dynamic effects. Use the "Speed+" and "Speed-" buttons to adjust the speed of the dynamic modes.

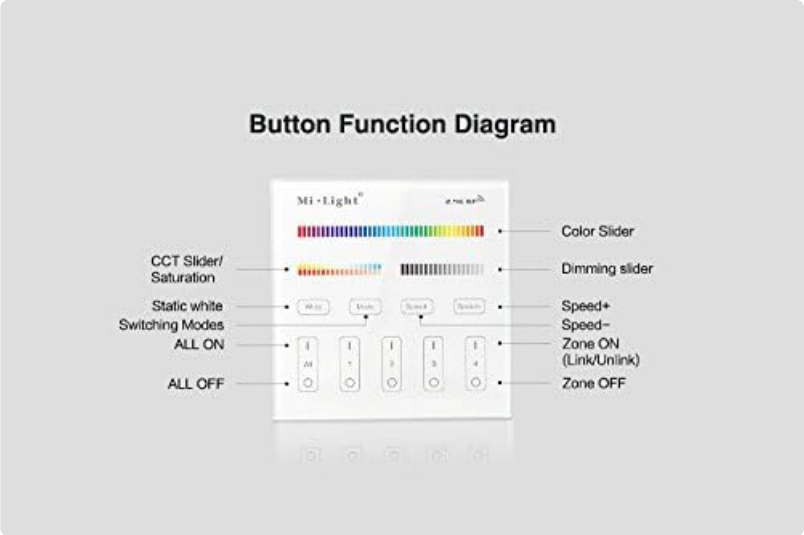


Figure 6: Dynamic Modes and Touch Sensitivity

This image highlights the 9 color changing modes and the high-precision capacitive touch screen of the B4 controller.

5. Zone Control

The B4 controller supports 4 independent zones. You can assign multiple lights or LED strip controllers to each zone. Use the dedicated ON/OFF buttons for each zone (1, 2, 3, 4) or the "All" button to control all linked lights simultaneously.

Maintenance

To ensure the longevity and optimal performance of your LGIDTECH B4 controller:

Battery Replacement: Replace the two AAA batteries when the indicator lamp no longer lights up or the controller becomes unresponsive. It is recommended to use rechargeable batteries for environmental benefits.

Cleaning: Wipe the glass touch surface with a soft, dry cloth. Avoid using abrasive cleaners or excessive moisture.

Environment: Operate the controller within the specified working temperature range of -20 to 60°C. Avoid exposure to extreme temperatures, direct sunlight, or high humidity.

Handling: The panel features a high-end tempered glass panel. Handle with care to prevent scratching or crushing.

Troubleshooting

Problem	Possible Cause	Solution
Controller not responding / Indicator lamp not lighting up.	Dead or incorrectly installed batteries.	Replace AAA batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
Lights not linking with the controller.	Incorrect linking procedure or incompatible light type.	• Ensure the lights are Mi.Light RGB+CCT series (newest version). • Repeat the linking procedure carefully: Turn off power, wait 5+ seconds, turn on power, press Zone ON key 3 times within 3 seconds. • Verify the controller is within the 30-meter (98 feet) range of the lights.
Lights not changing color or dimming.	Not in the correct mode or linking issue.	• Ensure the lights are properly linked to the controller. • Check if the correct zone is selected on the controller. • Verify the light type (e.g., RGB+CCT) supports the desired function.
Touch panel unresponsive or erratic.	Moisture or foreign substance on the touch panel; internal issue.	• Ensure hands are completely dry when operating. • Clean the touch panel with a dry, soft cloth. • If the issue persists, contact customer support.

Specifications

Model No.: B4

Working Temperature: -20 - 60°C

Voltage: 3V (2*AAA Battery, NOT included)

Standby Power: 20uA

Panel Size: 86*86mm

Transmission Frequency: 2.4GHz

Control Distance: 30m

Controller Type: Remote control

Material: Glass, Plastic

Installation Method: Double-side adhesive

Compatibility: Only works with Mi.Light The Newest Version Of RGB+CCT Series LED Light Bulb, Spotlight, Downlight, Flood Light, and FUT037/FUT038 controllers.

Warranty and Support

For warranty information and technical support, please refer to the product packaging or contact LGIDTECH customer service directly. Ensure you have your product model number (B4) and purchase details available when contacting support.
For more information and product updates, visit the official LGIDTECH store:LGIDTECH Amazon Store.

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