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MiBOXER PUSH2-3

MiBOXER PUSH2-3 2.4GHz Wireless Dimming Remote User Manual

Model: PUSH2-3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the MiBOXER PUSH2-3 2.4GHz Wireless Dimming Remote. Please read this manual thoroughly before using the product to ensure proper function and safety.

1.1 Product Overview

The MiBOXER PUSH2-3 is a 2.4GHz wireless dimming remote designed for controlling compatible LED lighting systems. It offers 3-zone independent dimming control, allowing users to adjust brightness levels across three distinct lighting areas. The remote operates wirelessly, providing flexible placement and ease of use.

1.2 Package Contents

- MiBOXER PUSH2-3 Wireless Dimming Remote
- User Manual
- Wiring terminals (pre-attached)



Figure 1: Package contents including the MiBOXER PUSH2-3 remote, its box, and the instruction manual.



Figure 2: The MiBOXER PUSH2-3 remote with its pre-attached wires and terminals, shown alongside its packaging.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Do not expose the device to moisture or extreme temperatures.
- Ensure all power is disconnected before installation or wiring.
- This device is intended for indoor use only.
- Do not attempt to disassemble or modify the device.
- Keep out of reach of children.

3. PRODUCT FEATURES

- **3-Zone Dimming Control:** Independently manage brightness for up to three distinct lighting zones.
- **2.4GHz Wireless Technology:** Provides reliable and interference-free communication with compatible LED systems.
- **Broad Compatibility:** Works with RGB, CCT, and single-color LED systems.
- **Ergonomic Design:** Features an easy-to-use layout for quick brightness adjustments.
- **Battery Requirement:** Requires a CR2032 battery (not included).
- **Minimal Maintenance:** Designed for simple operation and long-lasting performance.

4. SPECIFICATIONS

| Parameter | Value |
|---------------------|---|
| Model Number | PUSH2-3 CCT |
| Brand | MiBOXER |
| Wireless Technology | 2.4GHz |
| Control Zones | 3 Zones (Independent Control) |
| Compatible Devices | PUSH switch to wirelessly control brightness and switch of lights |
| Battery Type | CR2032 (not included) |
| Color | White |

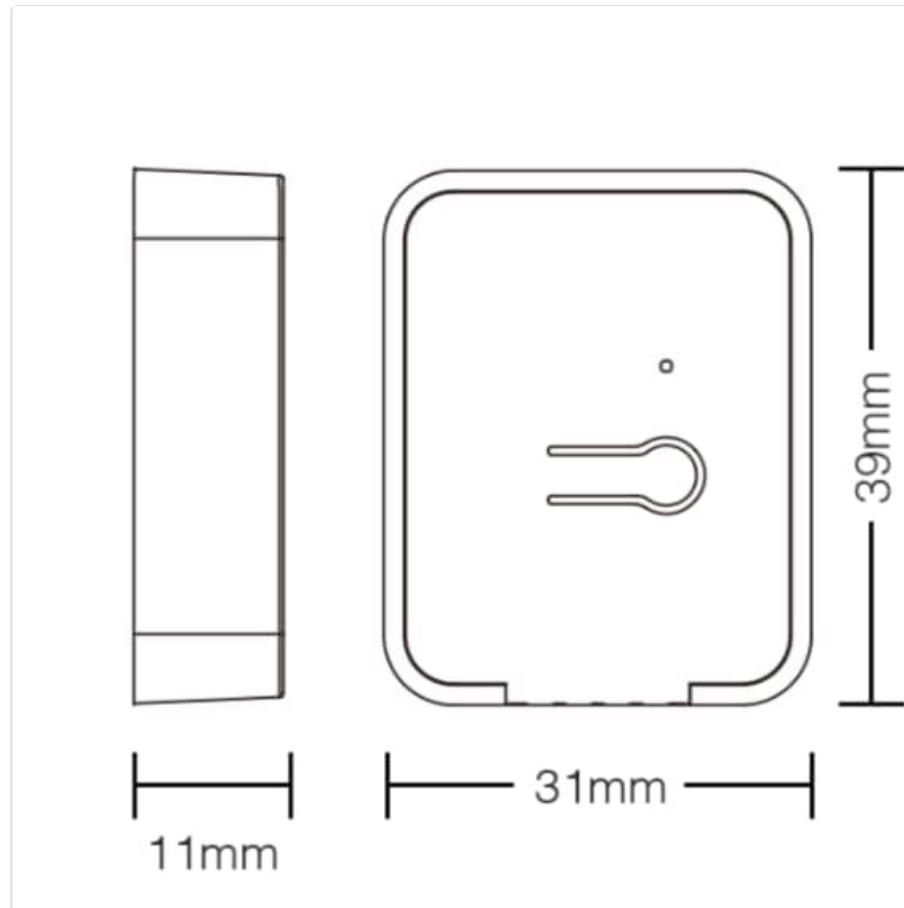


Figure 3: Dimensions of the MiBOXER PUSH2-3 remote, showing height (39mm), width (31mm), and depth (11mm).

1PC/BOX
G.W.: 0.03KGS



Figure 4: Packaging dimensions for the MiBOXER PUSH2-3, indicating a box size of 90mm height, 65mm width, and 21mm depth.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment on the back of the remote.
2. Open the compartment cover.
3. Insert one CR2032 battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5.2 Wiring and Connection

The PUSH2-3 remote requires connection to a PUSH switch (sold separately) to control compatible MiBOXER 2.4G series light lamps and controls. The remote provides three output zones (Z1, Z2, Z3) and a common ground (GND).

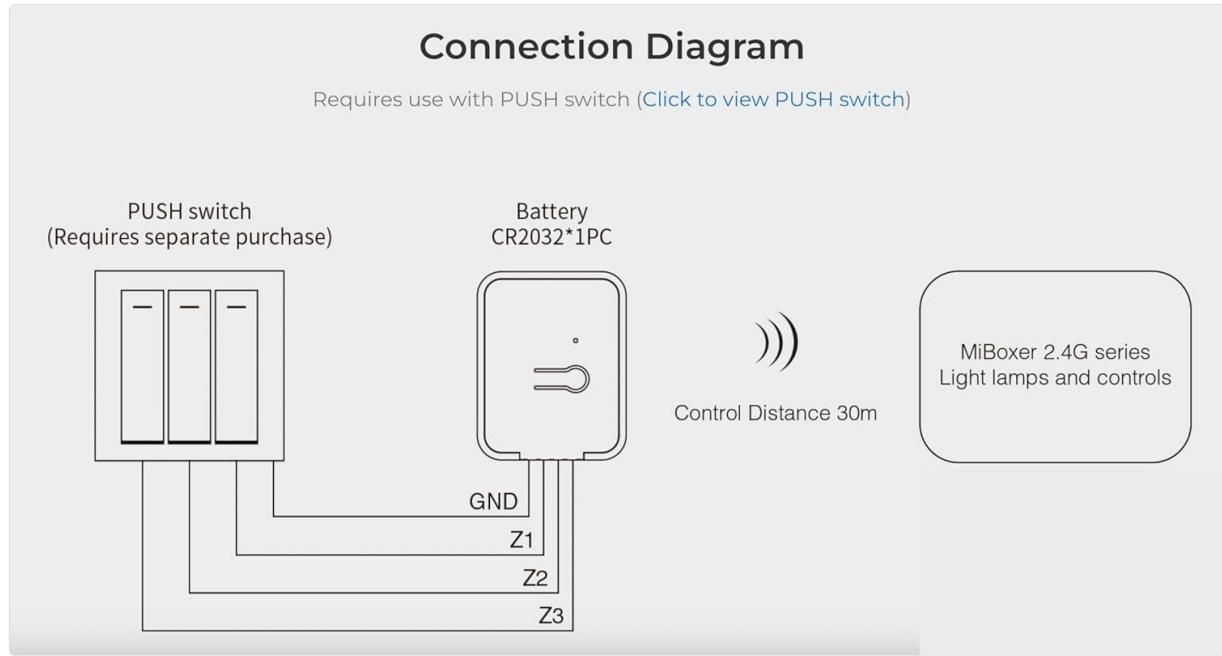


Figure 5: Connection diagram illustrating how to connect the PUSH2-3 remote to a PUSH switch and compatible MiBOXER 2.4G series lights. The remote connects to the PUSH switch via GND, Z1, Z2, and Z3 terminals. A CR2032 battery is required for the remote. The control distance is up to 30 meters.

1. Ensure all power to the lighting system is turned off at the circuit breaker before proceeding.
2. Connect the GND wire from the PUSH2-3 remote to the common ground terminal of your PUSH switch.
3. Connect the Z1, Z2, and Z3 wires from the PUSH2-3 remote to the corresponding zone input terminals on your PUSH switch.
4. Refer to the PUSH switch manual for specific wiring instructions for connecting to your MiBOXER 2.4G series light lamps and controls.
5. Once all connections are secure, restore power to the lighting system.



Figure 6: The MiBOXER PUSH2-3 remote with its cover removed, showing the internal wiring connections and the battery compartment.

6. OPERATING INSTRUCTIONS

The MiBOXER PUSH2-3 remote works in conjunction with a PUSH switch to control compatible MiBOXER 2.4G series lights.

6.1 Pairing the Remote

To pair the PUSH2-3 remote with your MiBOXER 2.4G series lights, follow the pairing instructions provided with your specific MiBOXER light fixture or controller. Typically, this involves:

1. Powering on the light fixture.
2. Within a few seconds, pressing the desired zone button on the PUSH switch (which is connected to the PUSH2-3 remote) multiple times.
3. The light fixture will flash to confirm successful pairing.

6.2 3-Zone Dimming Control

Once paired, you can control the brightness of your lights using the PUSH switch connected to the PUSH2-

3 remote. Each zone (Z1, Z2, Z3) corresponds to a specific group of lights or a single light fixture, depending on your setup.

- **Zone Selection:** Use the corresponding buttons on your PUSH switch to select the desired lighting zone (Z1, Z2, or Z3).
- **Dimming:** Press and hold the selected zone button to gradually adjust the brightness. Release the button when the desired brightness level is reached.
- **On/Off:** A short press of a zone button will typically toggle the lights in that zone on or off.

Note: Specific button functions and dimming behavior may vary slightly depending on the PUSH switch model and the connected MiBOXER light fixture. Refer to their respective manuals for detailed operation.

7. MAINTENANCE

- **Cleaning:** Wipe the remote with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the CR2032 battery when the remote's performance degrades or it stops responding. Ensure proper disposal of used batteries according to local regulations.
- **Storage:** If storing the remote for an extended period, remove the battery to prevent leakage.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------------|--|--|
| Remote not responding. | Dead or incorrectly installed battery. | Check battery polarity or replace the CR2032 battery. |
| Lights not dimming or turning on/off. | <ul style="list-style-type: none">• Remote not paired with lights.• Incorrect wiring to PUSH switch.• Lights are out of range. | <ul style="list-style-type: none">• Re-pair the remote with the lights (refer to Section 6.1).• Verify all wiring connections to the PUSH switch (refer to Section 5.2).• Ensure the remote is within 30 meters of the lights. |
| Intermittent control. | <ul style="list-style-type: none">• Low battery.• Interference from other 2.4GHz devices. | <ul style="list-style-type: none">• Replace the battery.• Move the remote or lights away from potential interference sources. |

9. WARRANTY AND SUPPORT

This product is manufactured by Miboxer. For warranty information and technical support, please refer to the official MiBOXER website or contact your retailer. Keep your purchase receipt as proof of purchase.

Manufacturer: Miboxer

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