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## Sumaote Mode1-WD417

# Sumaote Bluetooth Mesh Smart Bridge User Manual

Model: Mode1-WD417

## 1. Introduction

The Sumaote Bluetooth Mesh Smart Bridge (Model Mode1-WD417) is designed to extend the control capabilities of your HaoDeng Bluetooth Mesh Smart Devices. It connects your Bluetooth mesh lighting system to your Wi-Fi network, enabling remote access and compatibility with voice assistants like Amazon Alexa and Google Home. This bridge facilitates a more integrated and convenient smart home experience by allowing control over a wider range and through various platforms.

## 2. Product Features

- **Extended Range:** Enhances communication range for Bluetooth mesh devices, crucial for home automation.
- **Wi-Fi Connectivity:** Connects your Bluetooth mesh lighting to your home Wi-Fi network (2.4GHz only) for remote access.
- **Voice Control Compatibility:** Works with Amazon Alexa and Google Home for convenient voice commands.
- **Device Capacity:** Supports control of up to 64 HaoDeng Bluetooth mesh smart devices.
- **Grouping Functionality:** Allows devices to be organized into different groups for simultaneous control of multiple lights or individual control.
- **Low Power Consumption:** Operates with less than 1.5W power consumption.

## 3. Product Specifications

| Specification | Value |
|---|---|
| Model | Mode1-WD417 |
| Brand | Sumaote |
| Operating Voltage | AC 100-240V, 50/60Hz |
| Power Consumption | <1.5W |
| Number of Connections | Up to 64 devices |
| Working Temperature | -20°C to 55°C |

| Specification | Value |
|---|---|
| Control Distance (Visible) | 50 meters from router; 15 meters from BT device |
| Dimensions (L*B*H) | 84mm * 55mm * 42mm (approx. 3.34 x 2.16 x 1.65 inches) |
| Connectivity Protocol | Bluetooth, Wi-Fi (2.4GHz only) |
| Certifications | CE, RoHS |
| Material | Iron |

## 4. Package Contents

The package typically includes:

- Sumaote Bluetooth Mesh Smart Bridge (Model Mode1-WD417)
- User Manual (this document or similar)

*Note: Specific contents may vary. Please check the product packaging for a complete list.*

## 5. Safety Information

- Ensure the power supply matches the specified voltage (AC 100-240V, 50/60Hz).
- Do not expose the device to water or excessive humidity.
- Avoid operating the device in extreme temperatures outside the -20°C to 55°C range.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Keep out of reach of children.

## 6. Setup Guide

### 6.1 Physical Installation

Plug the Sumaote Bluetooth Mesh Smart Bridge directly into a standard AC 100-240V power outlet. Ensure it is placed within 50 meters of your Wi-Fi router and within 15 meters of your Bluetooth mesh smart devices for optimal performance.

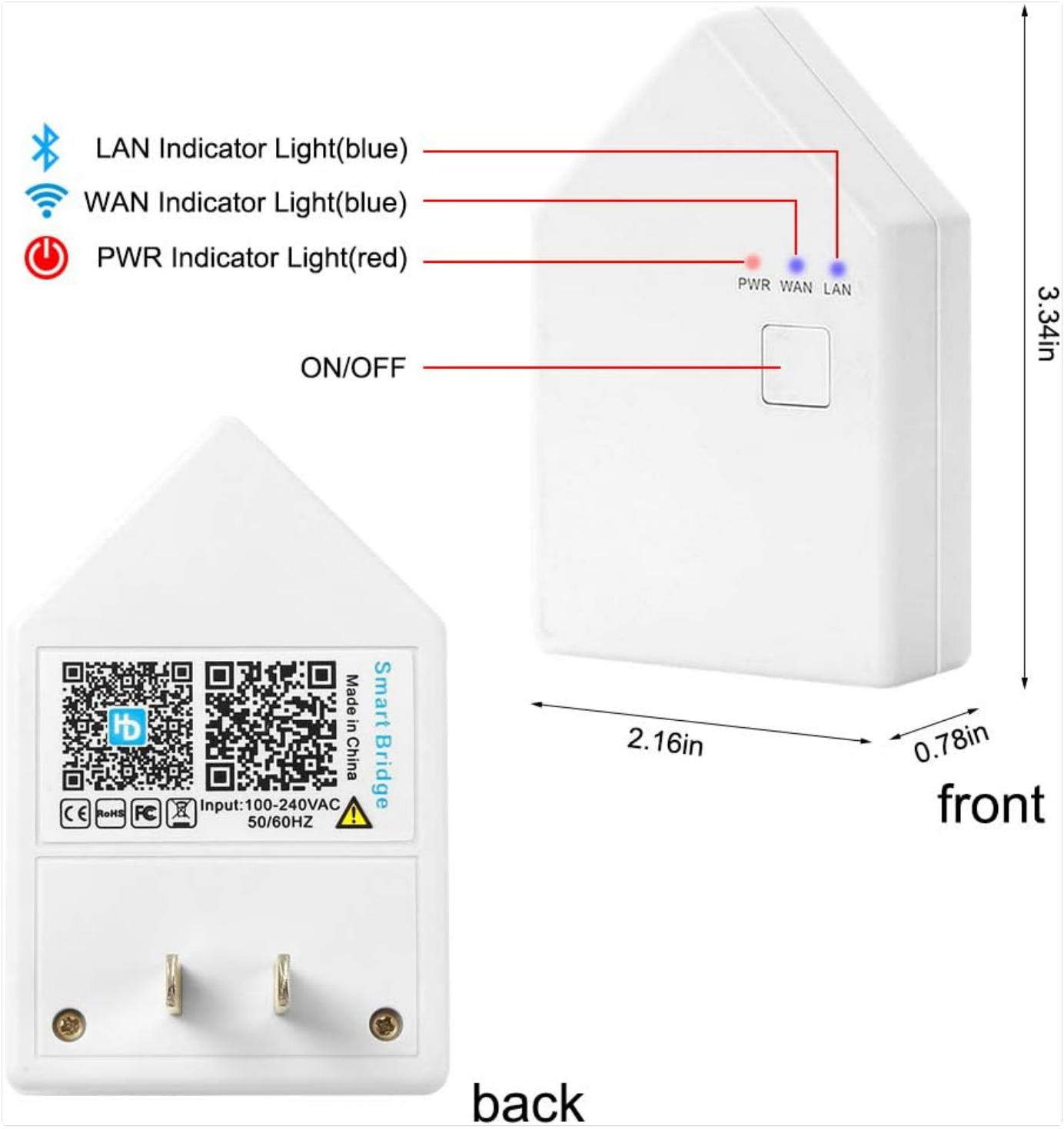



**Image:** Front and back view of the Smart Bridge, showing dimensions and indicator lights.

## 6.2 App Installation and Initial Configuration

The Smart Bridge operates with the Hao Deng application. Download the Hao Deng app from your device's app store (compatible with Android 4.4+ or iOS 9.0+).

1. Open the Hao Deng app and create an account or log in.
2. Navigate to the device addition section within the app.
3. Follow the in-app instructions to add the Smart Bridge. This typically involves selecting the Smart Bridge option and confirming its presence.
4. When prompted, connect the Smart Bridge to your **2.4GHz Wi-Fi network**. *Note: 5GHz Wi-Fi networks are not supported.*
5. The app will guide you through the process of scanning for and registering the Smart Bridge.

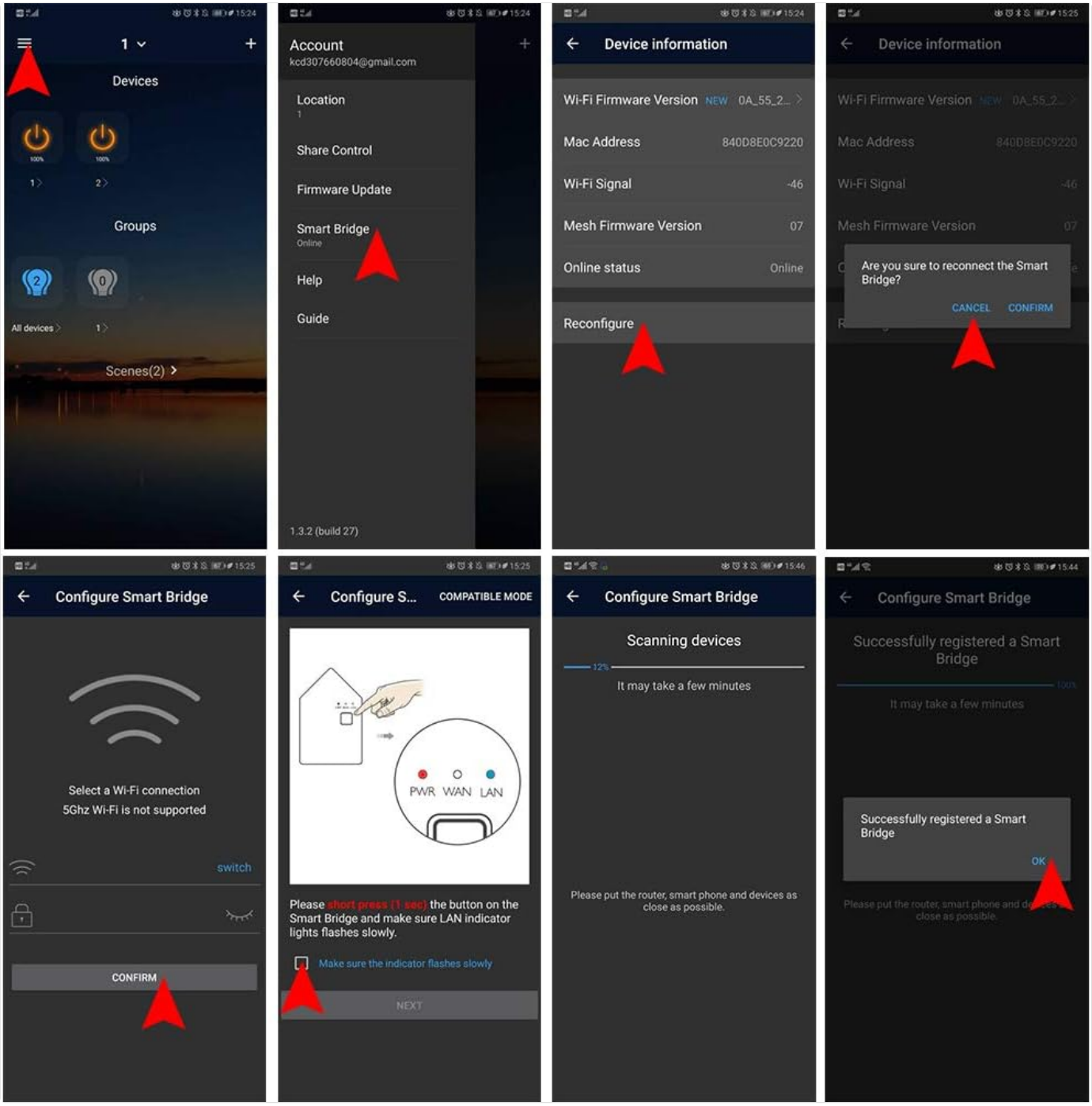



**Image:** Hao Deng app configuration steps for the Smart Bridge.

## 6.3 Pairing Bluetooth Mesh Smart Devices

Once the Smart Bridge is connected to Wi-Fi, you can pair your HaoDeng Bluetooth Mesh Smart Devices with it through the Hao Deng app. This allows the bridge to act as a central controller for these devices.

1. Ensure your Bluetooth mesh devices are powered on and within range of the Smart Bridge.
2. In the Hao Deng app, navigate to the device management section.
3. Initiate the pairing process for new devices. The app will scan for available Bluetooth mesh devices.
4. Select the devices you wish to add and follow any on-screen prompts to complete the pairing.




**Image:** Overview of the Bluetooth Mesh Smart Home Ecosystem.

## 6.4 Voice Assistant Integration (Alexa/Google Home)

After successfully setting up the Smart Bridge and pairing your devices in the Hao Deng app, you can integrate with Amazon Alexa or Google Home for voice control.

1. Open the Amazon Alexa app or Google Home app on your smartphone.
2. Navigate to the 'Skills & Games' (Alexa) or 'Works with Google' (Google Home) section.
3. Search for the 'Hao Deng' skill/service and enable it.
4. Link your Hao Deng account when prompted.
5. Discover devices. Your paired Bluetooth mesh devices should now appear in your Alexa or Google Home app, ready for voice control.




**Image:** Voice control demonstration with Alexa and Google Home.

## 7. Operating Instructions

The primary method of operating your smart devices through the bridge is via the Hao Deng app or integrated voice assistants.

### 7.1 Using the Hao Deng App

- **Individual Device Control:** From the app's main screen, select a specific device to adjust its settings (e.g., brightness, color, on/off).
- **Group Control:** Create groups of devices (e.g., 'Living Room Lights') to control them simultaneously. This allows for synchronized changes to multiple lights with a single command.
- **Scenes:** Set up custom scenes (e.g., 'Movie Night', 'Reading') that adjust multiple devices to predefined settings with one tap.
- **Schedules:** Program devices to turn on/off or change settings at specific times or days.

**Video:** Demonstration of BT mesh smart device connection and operation within the app.

This video illustrates how to connect and operate Bluetooth mesh smart devices using the Hao Deng application, including grouping devices for unified control.

### 7.2 Remote Access

Because the Smart Bridge connects to your Wi-Fi network, you can control your HaoDeng Bluetooth Mesh Smart Devices from anywhere with an internet connection using the Hao Deng app.




**Image:** Remote control of smart lighting via Wi-Fi.

## 8. Maintenance

- Keep the Smart Bridge clean by wiping it with a soft, dry cloth.
- Do not use liquid cleaners or aerosol sprays.
- Ensure proper ventilation around the device to prevent overheating.
- Regularly check for firmware updates within the Hao Deng app to ensure optimal performance and security.

## 9. Troubleshooting

- **Bridge not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. The bridge does not support 5GHz networks. Check your router settings or contact your internet service provider if unsure.
- **Devices not pairing with the bridge:** Ensure the devices are HaoDeng Bluetooth Mesh Smart Devices and are within the 15-meter Bluetooth range of the bridge. Try restarting both the bridge and the devices.
- **Remote control not working:** Verify that the Smart Bridge is connected to your Wi-Fi network and has an active internet connection. Check your smartphone's internet connection.
- **Voice control issues:** Confirm that the 'Hao Deng' skill/service is enabled and linked correctly in your Alexa or Google Home app. Ensure your voice assistant device is online and functioning.
- **Indicator lights:** Refer to the device diagram in Section 6.1 to understand the status indicated by the LAN, WAN, and PWR lights.

For further assistance, please refer to the FAQ section within the Hao Deng app or contact customer support.

Relevant links for FAQs and help:

- Hao Deng Mesh App FAQ
- Mesh Gateway Help

## 10. Warranty Information

Warranty information for the Sumaote Bluetooth Mesh Smart Bridge (Model Mode1-WD417) is not explicitly provided in the product details. Please refer to the product packaging or contact the retailer/manufacturer directly for specific warranty terms and conditions.

## 11. Support Information

If you encounter any issues or have questions regarding the Sumaote Bluetooth Mesh Smart Bridge, please:

- Check the FAQ section within the Hao Deng application.
- Contact Sumaote customer support through the platform where you purchased the product (e.g., Amazon).


### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Anonymous

**Email**

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**

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