GHome Smart SW5

GHome Smart Light Switch SW5 User Manual

Model: SW5 | Brand: GHome Smart

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, setup, and operation of your GHome Smart Light Switch SW5. This single-pole Wi-Fi smart switch allows you to control your lighting remotely via an app or voice commands through compatible smart home assistants.

Figure 1: GHome Smart Light Switch SW5 Product Overview

2. IMPORTANT SAFETY INFORMATION

- **Electrical Hazard:** Installation requires working with high voltage. Always disconnect power at the circuit breaker before installation or servicing. If you are unsure about electrical wiring, consult a qualified electrician.

- **Neutral Wire Required:** This smart switch requires a neutral wire for proper operation. If your house was built or remodeled before the mid-1980s, it may not have a neutral wire. Verify your wiring before installation.

- **Wi-Fi Compatibility:** This device operates only on a 2.4GHz Wi-Fi network. It is not compatible with 5GHz Wi-Fi networks.

- **Switch Type:** This is a single-pole switch. It is not designed for use as a 3-way or dimmer switch.

- **Load Compatibility:** Not compatible with smart bulbs.

- **Certifications:** The GHome Smart Light Switch is UL and FCC certified, ensuring quality and safety standards.
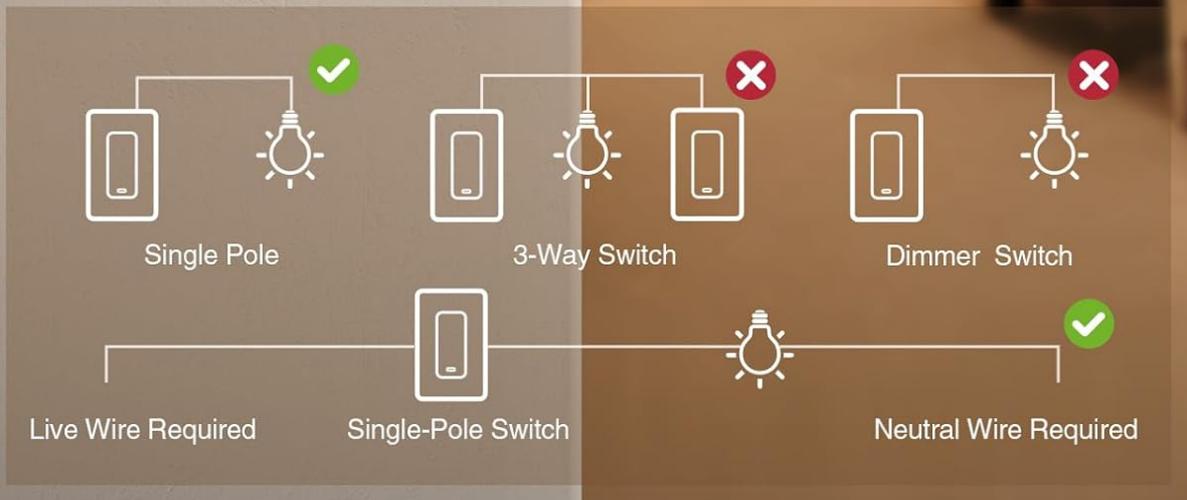
Figure 2: Compatibility and Wiring Type Overview

3. WHAT'S IN THE BOX

- GHome Smart Light Switch (2 units)
- Installation Kit (wire nuts, screws)
- User Manual

4. SPECIFICATIONS

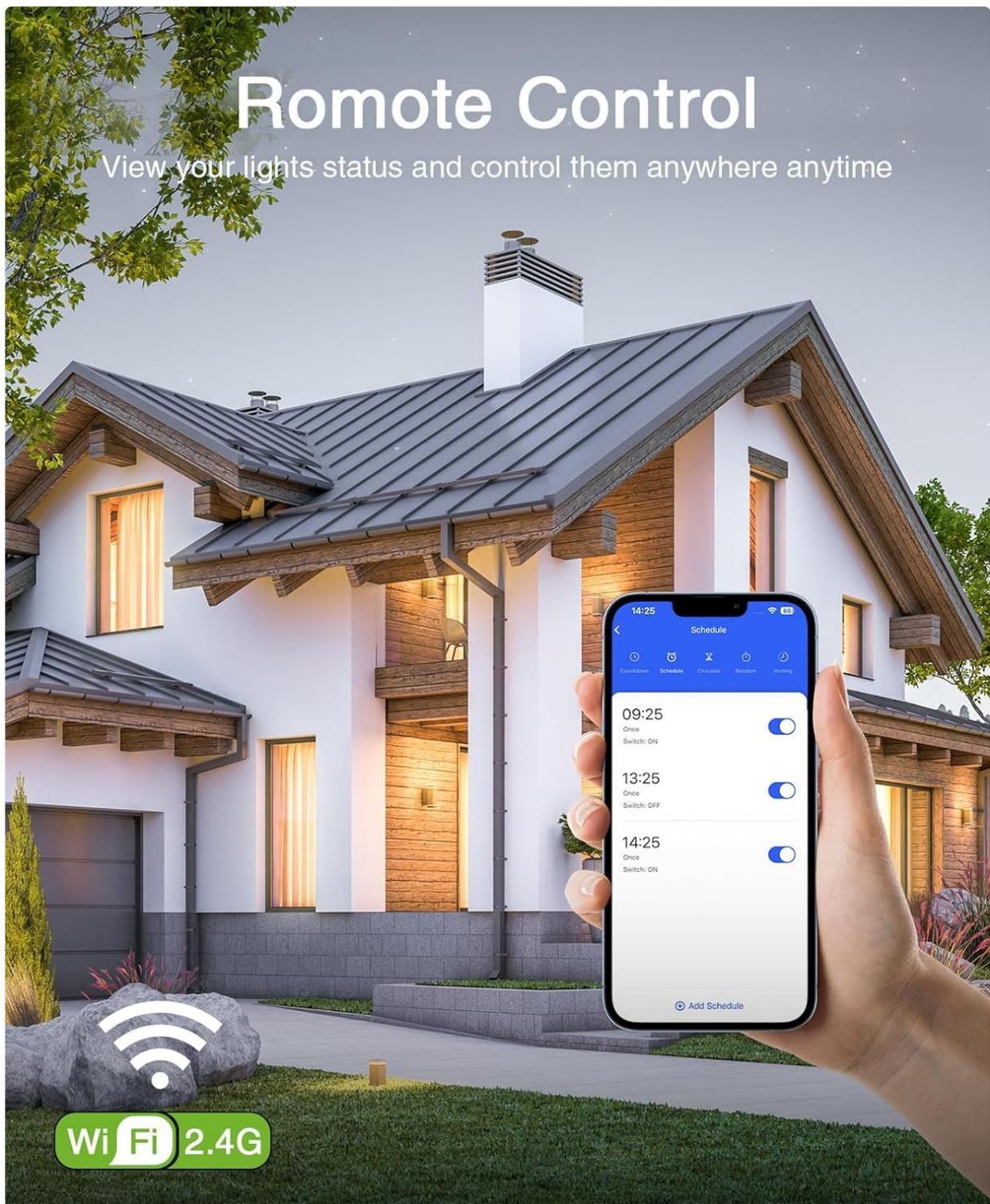| Feature	Detail
Model Number	SW5
Input/Output	120V/60Hz, 15A Max
Max Wattage	1800W
Wi-Fi Standard	2.4GHz (802.11 b/g/n)
Operating Temperature	-10°C to 40°C
Product Dimensions (Cover)	4.72" x 2.76" x 0.34" (120 x 70 x 8.7mm)
Internal Dimensions (without cover)	4.09"H x 1.77"W x 1.18"D (104 x 45 x 30mm)
Certifications	UL, FCC

Figure 3: Detailed Dimensions of the Smart Switch

5. Setup

5.1 Electrical Installation

1. **Disconnect Power:** Before starting, turn off the power to the light switch at your circuit breaker to prevent electrical shock.

2. **Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box.

3. **Identify Wires:** Identify the following wires in your wall box:
    - **Live Wire (Hot):** Usually black.
    - **Load Wire:** Connects to the light fixture.
    - **Neutral Wire:** Usually white. (Required for this switch)
    - **Ground Wire:** Usually green or bare copper.

4. **Connect New Switch:** Connect the wires from the wall box to the corresponding wires on the GHome Smart Light Switch using the provided wire nuts.
    - Connect the **Neutral** wire from the wall box to the white wire on the smart switch.
    - Connect the **Live** wire from the wall box to the black wire on the smart switch.
    - Connect the **Load** wire from the wall box to the red wire on the smart switch.
    - Connect the **Ground** wire from the wall box to the green wire on the smart switch.

5. **Secure Switch:** Gently push the wired smart switch into the wall box and secure it with screws. Attach the new faceplate.

6. **Restore Power:** Turn the power back on at the circuit breaker. The indicator light on the switch should begin blinking, indicating it's ready for app pairing.

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Video 1: GHome Smart Switch Wi-Fi Light Switch Overview and Installation Tips. This video demonstrates the physical installation process and highlights key features of the smart switch.

5.2 App Installation and Pairing

The GHome Smart Light Switch can be controlled via the GHome app. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network before proceeding.

5.2.1 Download the GHome App

1. Search for "GHome" in your mobile device's app store (App Store for iOS or Google Play Store for Android).

2. Download and install the GHome app.

3. Open the app and register or log in to your account.
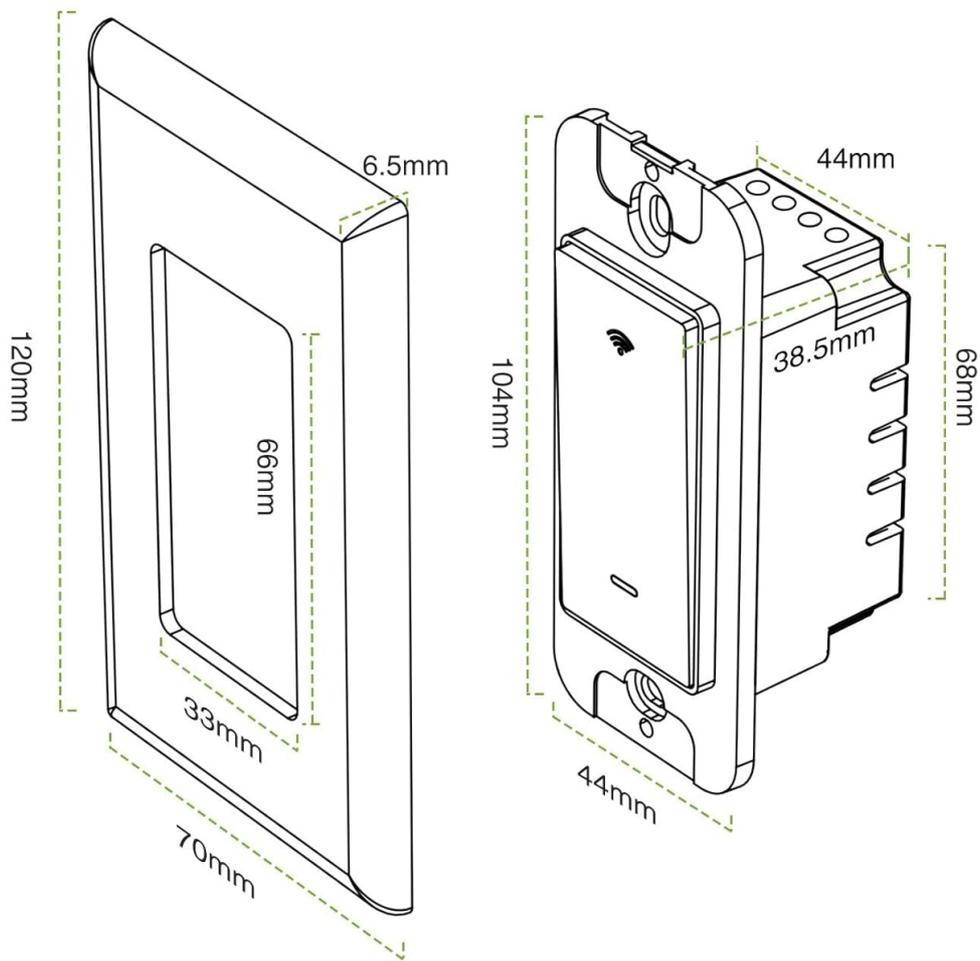
Dimensions

Figure 4: GHome App Interface

5.2.2 Pairing in EZ Mode (Recommended)

1. Ensure the smart switch is powered on and the indicator light is rapidly blinking. If not, press and hold the reset button on the switch for 5 seconds until it blinks rapidly.

2. In the GHome app, tap the "+" icon on the top right corner to add a device.

3. Select "Switch (Wi-Fi)" from the device list under the Electrician category.

4. Confirm your 2.4GHz Wi-Fi network and enter its password.

5. Select "EZ Mode" (usually the default) and confirm the indicator is rapidly blinking.

6. The app will begin searching for the device. Once found, it will be added to your account.

7. You can rename the switch for easier identification.

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Video 2: How to connect GHome Smart Switch with APP in EZ Mode. This video guides you through the EZ Mode pairing process using the GHome app.

5.2.3 Pairing in AP Mode (Alternative)

If EZ Mode fails, you can try AP Mode:

1. Ensure the smart switch is powered on and the indicator light is slowly blinking. If not, press and hold the reset button for 5 seconds until it blinks rapidly, then press and hold again for 5 seconds until it blinks slowly.

2. In the GHome app, tap the "+" icon, select "Switch (Wi-Fi)", and then choose "AP Mode" from the top right corner.

3. Confirm your 2.4GHz Wi-Fi network and enter its password.

4. Go to your phone's Wi-Fi settings (WLAN) and connect to the hotspot named "SmartLife-xxxx".

5. Return to the GHome app and wait for the device to connect.

6. You can rename the switch for easier identification.

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Video 3: How to connect GHome Smart Switch with APP in AP Mode. This video demonstrates the AP Mode pairing process for the GHome app.

5.2.4 Connecting with Google Home

1. Ensure your GHome Smart Light Switch is already paired with the GHome app.

2. Open the Google Home app on your phone.

3. Tap "Get Started" and sign in with your Google account.

4. Go to "Settings" and tap "Add device".

5. Use the search function to find "GHome" and select the GHome app.

6. Click "Agree and link" to link your GHome account with Google Home.

7. Select your GHome Smart Light Switch from the list of devices to add it to Google Home.

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Video 4: How to connect GHome Smart Switch with Google Home. This video demonstrates the steps to integrate your smart switch with Google Home for voice control.

5.2.5 Connecting with Amazon Alexa

1. Ensure your GHome Smart Light Switch is already paired with the GHome app.

2. Open the Amazon Alexa app on your phone and sign in.

3. Tap "More" > "Skills & Games" > "Search" button.

4. Type "GHome" and select the GHome skill.

5. Tap "ENABLE TO USE" and then "Agree and link" to link your GHome account with Alexa.

6. Alexa will discover your device. You can then control it using voice commands.

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Video 5: How to connect GHome Smart Switch with Alexa. This video demonstrates the steps to integrate your smart switch with Amazon Alexa for voice control.

6. OPERATING YOUR SMART SWITCH

6.1 Voice Control

Once connected to Alexa or Google Assistant, you can control your lights with simple voice commands:

- "Alexa, turn on [Light Name]"
- "Hey Google, turn off [Light Name]"

Figure 5: Voice Control in Action

6.2 APP Remote Control

Control your lights from anywhere using the GHome app:

- View the real-time status of your lights.
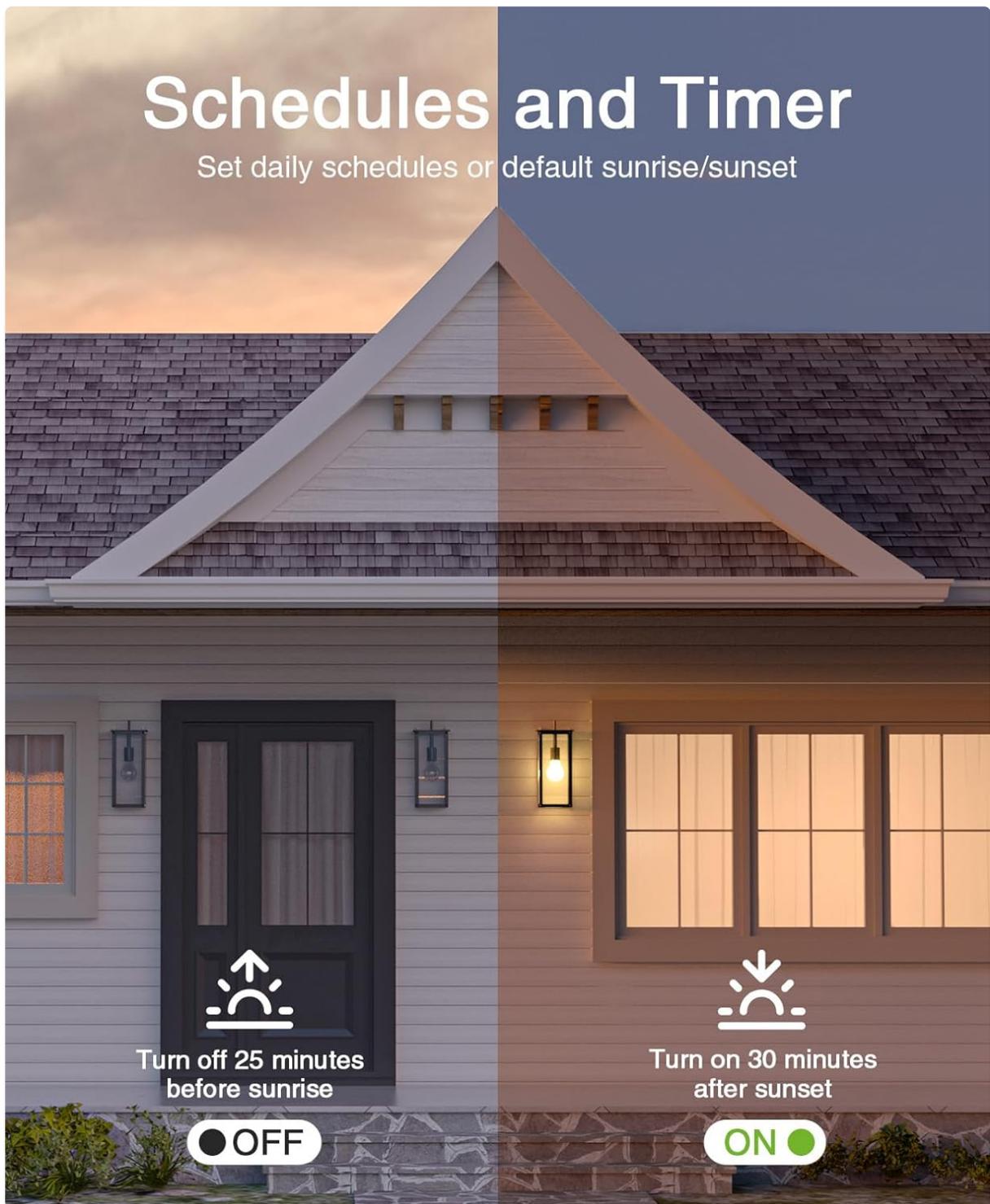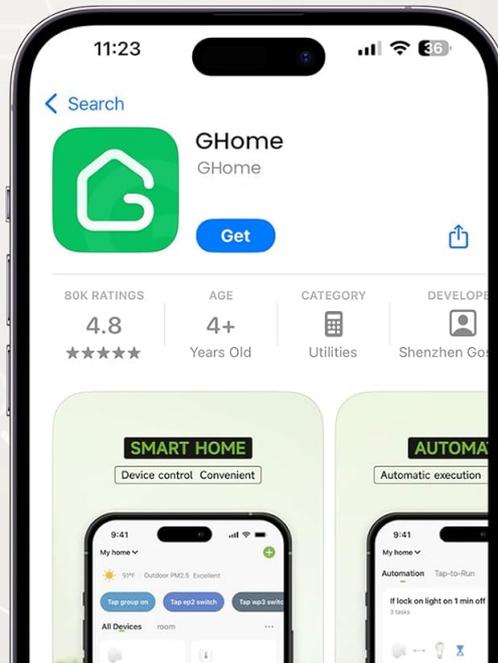- Turn lights on or off remotely.

Figure 6: Remote Control via GHome App

6.3 Schedule and Timer Functions

Automate your lighting to fit your daily routine:

- Set daily schedules for lights to turn on/off at specific times.
- Utilize sunrise/sunset automation (e.g., porch lights on 30 minutes after sunset, off 25 minutes before sunrise).
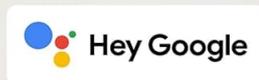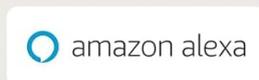
Figure 7: Scheduling and Timer Features

6.4 Group Control

Manage multiple smart switches simultaneously by creating groups within the GHome app.

Figure 8: Group Control Functionality

7. Maintenance

7.1 Firmware Updates

GHome regularly releases firmware updates to optimize stability and user experience. It is recommended to upgrade the firmware to the latest version (e.g., V1.1.3 or newer) by following the prompts in the GHome app.

7.2 Cleaning

To clean the smart switch, ensure power is disconnected at the circuit breaker. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.

8. Troubleshooting

- **Switch not responding:**
  - Check if the circuit breaker is on.
  - Ensure the switch is properly wired (especially the neutral wire).
  - Verify your Wi-Fi network is 2.4GHz and stable.
  - Try resetting the switch by holding the reset button for 5 seconds.

- **Cannot connect to Wi-Fi:**
  - Confirm your router is broadcasting a 2.4GHz signal.
  - Ensure your phone is connected to the 2.4GHz network during pairing.
  - Move the switch closer to your Wi-Fi router.
  - Try both EZ Mode and AP Mode pairing methods.
  - Double-check your Wi-Fi password.

- **Voice control not working:**
  - Ensure the GHome skill/service is enabled and linked in your Alexa or Google Home app.
  - Verify the device name in the GHome app matches the name used in voice commands.
  - Check the internet connection of your smart assistant device.

9. Warranty and Support

9.1 Warranty

GHome Smart Light Switches typically come with a 12-month warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

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Video 6: Smart Light Switch features and benefits. This video highlights various smart features and mentions the 12-month warranty.

9.2 Customer Support

For further assistance or technical support, please refer to the GHome Smart official website or contact their customer service directly. Contact information can usually be found on the product packaging or the GHome Smart website.