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› [Shelly](#) /

› [Shelly 1 Mini Gen 3 Smart Switch User Manual](#)

**Shelly 3800235261576**

# Shelly 1 Mini Gen 3 Smart Switch User Manual

Brand: Shelly | Model: 3800235261576

## 1. INTRODUCTION

The Shelly 1 Mini Gen 3 is a compact Wi-Fi and Bluetooth smart switch relay designed for home automation. It features a new processor and enhanced flash memory, offering improved performance and terminal durability. This device allows you to automate various electrical appliances, including lights, garage doors, and irrigation systems, providing remote control and scheduling capabilities through the Shelly Smart Control app. It supports up to 8A at 240VAC and 5A at 30VDC, and functions as a Wi-Fi range extender.



Image: Four Shelly 1 Mini Gen 3 smart switches, showcasing the compact design and terminal labels.

## 2. SAFETY INFORMATION

Please read this user manual carefully before installation and use. Failure to follow these instructions may lead to malfunction, danger, or violation of the law.

- Always consult a qualified electrician for installation if you are unsure about the wiring process.
- Ensure the main power supply is disconnected at the circuit breaker before performing any installation or maintenance.
- Do not expose the device to moisture, direct sunlight, or extreme temperatures. Operate within the specified temperature range.
- The device is designed for indoor use only.
- Do not attempt to repair or modify the device yourself. Contact authorized service for any repairs.

### 3. PACKAGE CONTENTS

The Shelly 1 Mini Gen 3 package typically includes the following items:

- 4x Shelly 1 Mini Gen 3 Smart Switch devices
- 1x User Manual (this document)

### 4. DEVICE OVERVIEW

The Shelly 1 Mini Gen 3 is a compact, blue smart relay designed for discreet installation. It features clearly labeled screw terminals for electrical connections. Understanding these terminals is crucial for proper installation.



Image: A single Shelly 1 Mini Gen 3 device, highlighting its compact size and terminal connections.

#### Terminal Identification:

- **SW:** Switch Input - Connects to a physical wall switch for manual control.
- **O:** Output - Connects to the load (e.g., light, appliance).
- **I:** Input - Can be used for specific control scenarios or as a second input.
- **L:** Live - Connects to the live wire of your electrical circuit.
- **N:** Neutral - Connects to the neutral wire of your electrical circuit.



Image: The Shelly 1 Mini Gen 3 held in a hand, illustrating its ideal size for discreet installation.

## 5. SETUP

### 5.1. Installation

**Important:** Ensure the main power supply is turned off at the circuit breaker before beginning any wiring. Incorrect wiring can cause damage to the device or electrical shock.

1. **Disconnect Power:** Turn off the main power supply to the circuit where you intend to install the Shelly 1 Mini Gen 3.
2. **Connect Live (L) and Neutral (N):** Connect the Live wire from your electrical circuit to the 'L' terminal and the Neutral wire to the 'N' terminal on the Shelly 1 Mini Gen 3.
3. **Connect Load (O):** Connect the appliance or light fixture you wish to control to the 'O' (Output) terminal. Ensure the other side of your load is connected to Neutral.
4. **Connect Switch (SW) (Optional):** If you want to use a physical wall switch, connect one end of the switch to the 'SW' terminal and the other end to the Live (L) wire.
5. **Secure Wiring:** Ensure all wires are securely fastened in their respective terminals.
6. **Mount Device:** Place the Shelly 1 Mini Gen 3 in a suitable location, such as behind a wall switch or within an appliance housing.
7. **Restore Power:** Once all connections are secure and the device is safely mounted, restore power at the circuit breaker.

## Easy install

- Small enough to fit behind any wall switch or socket
- Can be installed directly within the appliance you want to control



Image: Illustrates the ease of installation, showing the device integrated into a lighting circuit.

## 5.2. Initial Configuration

1. **Download Shelly Smart Control App:** Search for "Shelly Smart Control" in the Apple App Store (for iOS) or Google Play Store (for Android) and install the application on your smartphone or tablet.
2. **Create Account:** Open the app and follow the instructions to create a Shelly Cloud account.
3. **Add Device:** Ensure your Shelly 1 Mini Gen 3 is powered on. The device will create its own Wi-Fi access point (e.g., "shelly1mini-XXXXXX"). Connect your phone to this Wi-Fi network.
4. **Discover Device:** In the Shelly Smart Control app, tap "Add Device" and follow the on-screen prompts to discover and add your Shelly 1 Mini Gen 3 to your home Wi-Fi network.
5. **Name Device:** Assign a descriptive name to your device (e.g., "Living Room Light") for easy identification and control.

## 6. OPERATING INSTRUCTIONS

### 6.1. Basic Operation via App

Once your Shelly 1 Mini Gen 3 is configured and connected to your home Wi-Fi network, you can control it remotely using the Shelly Smart Control app:

- **Toggle On/Off:** From the app's main dashboard, tap on your device's name to instantly switch the connected appliance on or off.
- **Status Monitoring:** The app displays the current status of your device (on/off).
- **Scheduling:** Set up daily or weekly schedules to automatically turn appliances on or off at specific times.

# Lighting **control**

- Effortlessly control your lights or other appliances using the Smart Control App and customize them, according to your daily routine with personalized schedules and save on energy



Image: Effortlessly control your lights and other appliances with personalized schedules.

## 6.2. Advanced Features

- **Voice Control Integration:** The Shelly 1 Mini Gen 3 is compatible with popular voice assistants like Amazon Alexa and Google Home.
  - a. Enable the "Shelly" skill/action in your Alexa or Google Home app.
  - b. Link your Shelly Cloud account.
  - c. You can now control your devices using voice commands (e.g., "Alexa, turn on Living Room Light").

# Full compatibility

- Easy control through the Shelly Smart Control app. Together with the the voice assistant, you can command Shelly 1 Mini Gen3 using just your voice



Image: Full compatibility with voice assistants for easy control.

- **Garage Door Control:** With its dry contacts, the Shelly 1 Mini Gen 3 can be integrated into garage door opener systems, allowing remote control of your garage door.

# Garage gate control

- Shelly 1 Mini Gen3 has dry contacts, enabling you to install it directly within the garage door opener's housing or even near the motor



Image: Shelly 1 Mini Gen 3 enables direct integration for garage door control.

- **Irrigation System Automation:** The device can be used to automate irrigation systems, allowing you to schedule watering times or integrate with other smart home sensors.

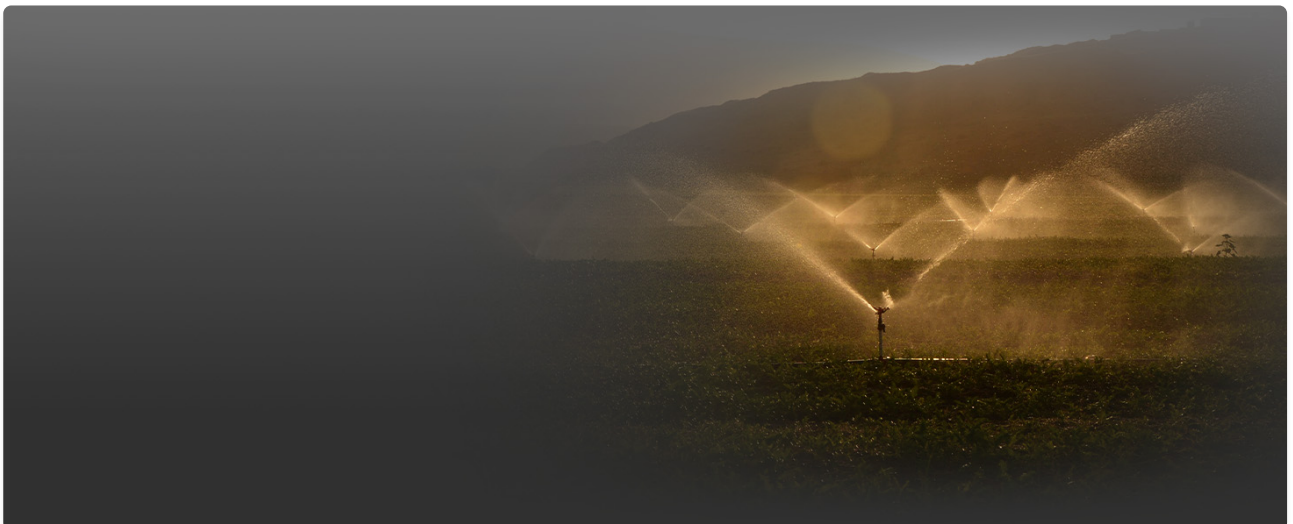


Image: Automate your irrigation system based on time or other conditions.

- **Scenes and Automations:** Create complex automations within the Shelly app by combining multiple Shelly devices or setting conditions based on time, sunrise/sunset, or sensor data.

## 7. MAINTENANCE

- **Cleaning:** To clean the device, ensure it is disconnected from power. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Regularly check for and install firmware updates through the Shelly Smart Control app. Updates provide new features, performance improvements, and security enhancements.
- **Terminal Check:** Periodically inspect the wiring terminals to ensure connections remain secure.

## 8. TROUBLESHOOTING

If you encounter issues with your Shelly 1 Mini Gen 3, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi.	Incorrect Wi-Fi password, device out of range, network issues.	Verify Wi-Fi password, move device closer to router, restart router, try power cycling the Shelly device.
Device unresponsive in app.	No power, network disconnection, app glitch.	Check power supply, ensure Wi-Fi connection is stable, restart Shelly app, power cycle the device.
Voice control not working.	Shelly skill/action not enabled, account not linked, internet issue.	Ensure Shelly skill/action is enabled and linked in your voice assistant app, check internet connection.
Connected appliance not turning on/off.	Incorrect wiring, faulty appliance, device malfunction.	Double-check wiring according to the manual, test the appliance directly, contact support if device is suspected faulty.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Shelly
Model Number	3800235261576

Feature	Specification
Dimensions (L x W x H)	8.5 x 5.1 x 3.5 cm
Weight	100 grams
Input Voltage	110-240 VAC, 50/60 Hz
Max. Load (AC)	8 A / 2000 W @ 240 VAC
Max. Load (DC)	5 A / 150 W @ 30 VDC
Contact Type	Dry contacts
Contact Material	Copper alloy
Wireless Connectivity	Wi-Fi, Bluetooth
Mounting Type	Wall/surface/waterproof housing
Manufacturer	Shelly Group

## 10. WARRANTY AND SUPPORT

**Warranty:** Shelly provides a 2-year warranty for the Shelly 1 Mini Gen 3 Smart Switch, covering manufacturing defects and malfunctions under normal use conditions.

**Customer Support:** For technical assistance, troubleshooting, or warranty claims, please visit the official Shelly website or contact their customer support team. You can find more information and support resources at the [Shelly Brand Store](#).