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Shelly 3800235265697

Shelly Plus i4 UL User Manual

WiFi & Bluetooth Smart 4-Digital Inputs Controller

1. INTRODUCTION

The Shelly Plus i4 UL is a WiFi and Bluetooth-enabled smart controller designed to enhance your home automation system. It features four digital inputs, allowing you to control other Shelly devices and activate various scenes with multiple actions per button. This device is UL-certified, ensuring compliance with safety standards. It can also function as a WiFi repeater to extend your network coverage.

Wi-Fi & Bluetooth operated

- Connect Shelly Plus i4 to your Wi-Fi network. No HUB required!
- Controlled and monitored remotely



Image 1: Shelly Plus i4 UL device. This image shows the compact orange Shelly Plus i4 UL module with its wiring terminals.

Product Overview

The Shelly Plus i4 UL is a compact module designed for installation behind existing wall switches or in electrical boxes. It provides four independent digital inputs, enabling flexible control over your smart home devices. Its small size allows for discreet integration into your electrical infrastructure.



Image 2: Close-up view of the Shelly Plus i4 UL. This image provides a detailed look at the device, highlighting its terminals and branding.

2. SETUP

What's in the Box

- 1x Shelly Plus i4 UL device
- User Manual

Wiring and Installation

The Shelly Plus i4 UL is designed to be installed behind a multi-button switch or within a standard electrical box. Ensure power is disconnected before beginning installation. Connect the device according to the provided wiring diagram, paying close attention to the Live (L), Neutral (N), and switch input (SW1-SW4) terminals. Professional installation by a qualified electrician is recommended.

Easy to install

- Designed to fit in most standard electrical boxes and behind switches
- Can be installed in less than 10 minutes



Image 3: Shelly Plus i4 UL being installed behind a wall switch. This image illustrates the compact size of the device, allowing it to fit into a standard electrical box behind a switch.

Initial Power-Up and App Connection

After successful installation and power restoration, the device will create a WiFi access point. Download the Shelly Smart Control App from your device's app store. Follow the in-app instructions to add the Shelly Plus i4 UL to your home network. The device supports both WiFi and Bluetooth for initial setup and control.



Image 4: Shelly Plus i4 UL being controlled remotely via a smartphone app. This image demonstrates the device's Wi-Fi and Bluetooth capabilities for remote operation.

3. OPERATING INSTRUCTIONS

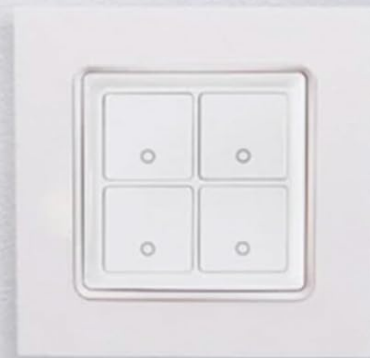
Basic Operation and Multi-Click Functionality

The Shelly Plus i4 UL allows you to trigger up to three different actions per button press on a connected wall switch. This enables versatile control over various Shelly devices or scenes within your home automation system.

- **Single Click:** Activates a predefined action (e.g., turn off appliances).
- **Double Click:** Activates a second predefined action (e.g., close blinds).
- **Long Click:** Activates a third predefined action (e.g., turn on/off lights in a specific area).

Advanced scene activation

- Seamlessly control Smart Relays with the 4-button Shelly Wall Switch
- Each button can activate up to 3 different actions
 - 1 click
Turn appliances off
 - 2 clicks
Close blinders
 - 1 long click
Turn on/off lights in the hall



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Image 5: Illustration of advanced scene activation with Shelly Plus i4 UL. This image shows a 4-button wall switch and explains how different click patterns (1 click, 2 clicks, 1 long click) can trigger various actions like turning off appliances, closing blinds, or controlling lights.

Remote Control and Smart Schedules

Control your Shelly Plus i4 UL and associated devices remotely using the Shelly Smart Control App. You can configure devices, manage settings, and create personalized scenes. The app also allows you to set custom schedules based on your daily routine or environmental factors like sunrise/sunset for automated lighting control.

Smart schedules

- Set custom schedules based on your daily agenda
- Follow the sunrise/sunset and control your lighting accordingly



Image 6: Smart schedules feature for Shelly Plus i4 UL. This image depicts a house outline on a tablet screen, surrounded by smart home icons, illustrating the ability to set custom schedules and control lighting based on sunrise/sunset.

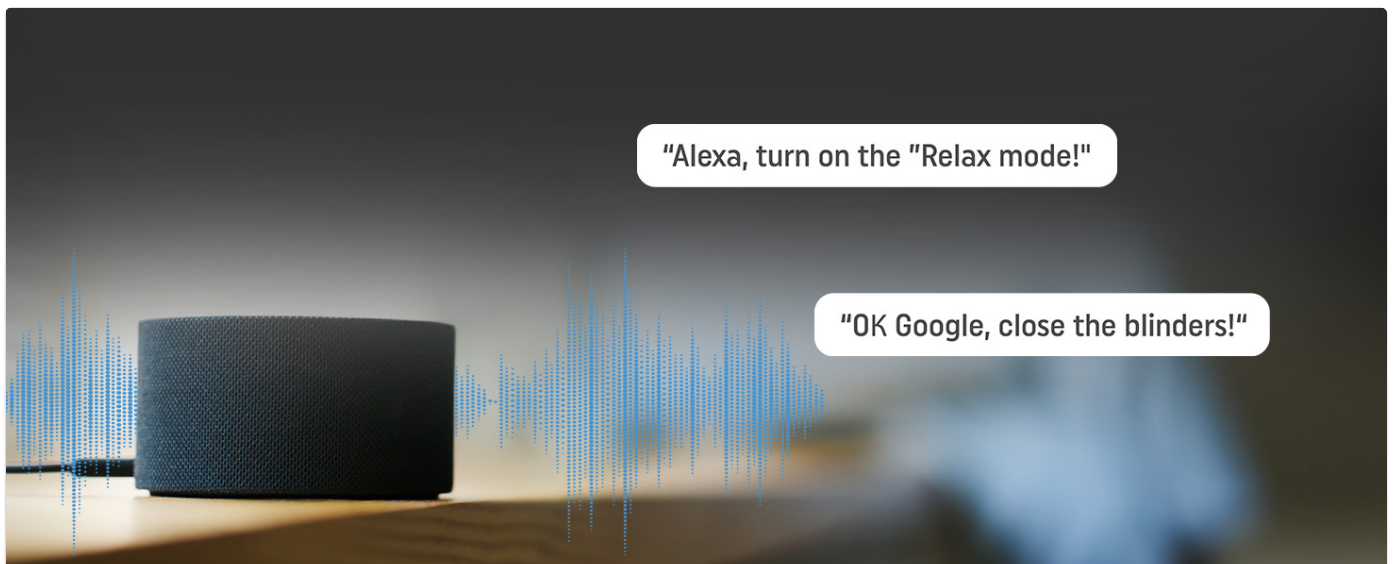


Image 7: Voice control integration with Shelly Plus i4 UL. This image shows a smart speaker and speech bubbles with commands like "Alexa, turn on the 'Relax mode!'" and "OK Google, close the blinders!", demonstrating compatibility with voice assistants.

Video: Smart Home with Shelly

Video 1: An overview of smart home possibilities with Shelly devices. This video demonstrates how Shelly products can simplify daily routines, enhance security, and save energy through smart lighting and automated controls.

Video: Shelly Plus i4 Features

Video 2: A demonstration of the Shelly Plus i4's capabilities. This video highlights how the Shelly Plus i4 can be installed behind multi-button switches to activate various smart home scenes, such as controlling kitchen lights, roller shutters, bathroom fans, and garage doors with simple clicks.

4. MAINTENANCE

Cleaning

To clean the device, ensure power is disconnected. Use a dry, soft cloth. Avoid using liquid cleaners or solvents, as these can damage the device.

Firmware Updates

Regularly check for firmware updates through the Shelly Smart Control App. Updates provide new features, performance improvements, and security enhancements. Follow the in-app instructions for updating the device firmware.

5. TROUBLESHOOTING

Common Issues and Solutions

- **Device not connecting to WiFi:** Ensure the device is within range of your WiFi network. Verify network credentials. Try restarting your router and the Shelly device.
- **Device not responding to switch inputs:** Check wiring connections to the switch inputs (SW1-SW4). Ensure the switch type is correctly configured in the Shelly app.
- **App not detecting device:** Ensure Bluetooth is enabled on your smartphone during initial setup. Confirm the device is in pairing mode (usually indicated by a specific LED pattern).
- **Unexpected behavior:** Perform a factory reset (refer to the device's specific reset procedure, often involving a button press sequence). Reconfigure the device after a reset.

6. SPECIFICATIONS

Feature	Specification
Model Number	3800235265697
Product Dimensions	1.65 x 1.5 x 0.7 inches (42 x 38 x 18 mm)
Item Weight	0.635 ounces (18 grams)
Connectivity	WiFi, Bluetooth
Inputs	4 Digital Inputs
Power Supply	AC 110-240V

Special Feature	Lightweight, WiFi Repeater Functionality
Compatible Devices	Air Purifier, Fan, Home Theater, Smartphone, Tablet (via Shelly ecosystem)



Image 8: Shelly Plus i4 UL demonstrating its ideal size. This image shows the device being held, with dimensions (42mm x 38mm) overlaid, emphasizing its compact form factor.

7. WARRANTY

The Shelly Plus i4 UL comes with a 3-year manufacturer's warranty. For warranty claims or details, please refer to the official Shelly website or contact customer support.

8. SUPPORT

For further assistance, technical support, or to explore more about Shelly products, please use the following resources:

- **Knowledge Base & Guidelines:** Access detailed product specifications and guides.
- **Technical Support:** Contact Shelly's professional support team.
- **Community Forums:** Engage with other Shelly users on Reddit and Facebook Support Groups.
- **Shelly Academy:** Find video tutorials and webinars for in-depth learning.

Visit the official Shelly support page:<https://support.shelly.cloud/en/support/home>



Image 9: QR code for Shelly support. Scan this code to access the Shelly support portal for knowledge base, technical assistance, and community resources.

