

Smartwares SH4-90160

# Smartwares SH4-90160 Wireless Wall Switch User Manual

Model: SH4-90160 | Brand: Smartwares

## 1. INTRODUCTION

The Smartwares SH4-90160 Wireless Wall Switch provides convenient control over your lighting and appliances. Designed for ease of use and flexible placement, this battery-operated switch integrates seamlessly with Smartwares Plug & Connect receivers. This manual will guide you through the installation, operation, and maintenance of your new wireless wall switch.



Image 1.1: Front view of the Smartwares SH4-90160 Wireless Wall Switch.

## 2. PACKAGE CONTENTS

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Please check the package for the following items:

- 1x Smartwares SH4-90160 Wireless Wall Switch
- 1x CR2032 Lithium-ion Battery (pre-installed or separate)
- 1x User Manual

If any items are missing or damaged, please contact customer support.

## 3. SAFETY INFORMATION

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- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- This device is intended for indoor and protected outdoor use. Ensure it is not directly exposed to heavy rain or water.
- Keep out of reach of children.
- Do not attempt to open or repair the device yourself. This will void the warranty.
- Dispose of batteries according to local regulations. Do not dispose of batteries in fire.
- Only use the specified battery type (CR2032).

## 4. SETUP AND INSTALLATION

### 4.1 Battery Installation

1. Carefully open the back cover of the wall switch.
2. Insert the CR2032 Lithium-ion battery, ensuring the correct polarity (+/-).
3. Close the back cover securely.

**Note:** The battery may already be pre-installed. Remove any protective tab if present.

### 4.2 Pairing with Smartwares Plug & Connect Receivers

The SH4-90160 Wireless Wall Switch must be paired with a Smartwares Plug & Connect receiver (e.g., SH4-90264, SH4-90256, SH4-90263, SH4-90266, SH4-90265) to control lights or appliances. Receivers are sold separately.

1. Ensure your Smartwares Plug & Connect receiver is powered on and within range of the wall switch.
2. Put your Smartwares Plug & Connect receiver into pairing mode. This usually involves pressing a small button on the receiver for a few seconds until an indicator light flashes. Refer to your receiver's manual for specific instructions.
3. While the receiver is in pairing mode, press the button on the SH4-90160 Wireless Wall Switch.
4. The receiver's indicator light should stop flashing, confirming successful pairing.
5. Test the connection by pressing the wall switch button. The connected light or appliance should turn on/off.

You can pair multiple SH4-90160 switches with one receiver, or one switch with multiple receivers, depending on your desired setup.



Image 4.1: The Smartwares Plug & Connect ecosystem, showing various compatible devices.

### 4.3 Mounting the Wall Switch

Since the SH4-90160 is battery-operated and wireless, it can be placed almost anywhere.

- Use double-sided adhesive tape (not included) to mount the switch on a clean, dry, flat surface.
- Alternatively, use screws (not included) to secure the switch to a wall or other surface.

- Ensure the chosen location is within the operational range of your paired Smartwares Plug & Connect receiver.

## 5. OPERATING INSTRUCTIONS

Once paired, operating the Smartwares SH4-90160 Wireless Wall Switch is straightforward.

- **To Turn On/Off:** Press the main button on the wall switch. Each press will toggle the connected light or appliance between ON and OFF states.
- The switch provides a convenient way to control your lighting, for example, turning bedroom lights on or off from your bed.



Image 5.1: Detail of the push-button interface on the wireless wall switch.

## 6. MAINTENANCE

### 6.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.

### 6.2 Battery Replacement

When the switch's response becomes inconsistent or stops working, the battery may need to be replaced.

1. Carefully open the back cover of the wall switch.
2. Remove the old CR2032 Lithium-ion battery.
3. Insert a new CR2032 Lithium-ion battery, ensuring the correct polarity (+/-).
4. Close the back cover securely.
5. Dispose of the old battery responsibly according to local regulations.

## 7. TROUBLESHOOTING

| Problem                  | Possible Cause       | Solution                    |
|--------------------------|----------------------|-----------------------------|
| Switch does not respond. | Low or dead battery. | Replace the CR2032 battery. |

| Problem                               | Possible Cause  | Solution  |
|---------------------------------------|---|---|
| Switch does not control the receiver. | Not paired or pairing failed.   | Re-pair the wall switch with the Smartwares Plug & Connect receiver (refer to Section 4.2). |
| Switch is out of range.               | The distance between the switch and receiver is too great, or there are too many obstacles. | Move the wall switch closer to the receiver or reduce obstructions.                         |
| Interference from other devices.      | Other wireless devices operating on similar frequencies.                                    | Try moving the switch or receiver to a different location.                                  |

## 8. SPECIFICATIONS

| Feature                        | Detail                  |
|--------------------------------|-------------------------|
| Model Number                   | SH4-90160               |
| Manufacturer                   | Smartwares              |
| Product Dimensions (L x W x H) | 2 x 8 x 8 cm            |
| Weight                         | 50 Grams                |
| Color                          | Black                   |
| Style                          | Wireless Wall Switch    |
| Material                       | Plastic                 |
| Voltage                        | 3 Volts                 |
| Battery Type                   | 2x Lithium-ion (CR2032) |
| Batteries Included             | Yes                     |
| Switch Type                    | 1-way                   |
| Switch Style                   | Push-button             |
| Mounting Type                  | Wall mount              |
| Country of Origin              | China                   |

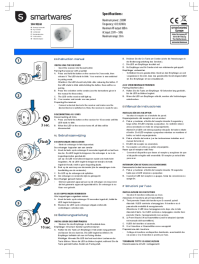
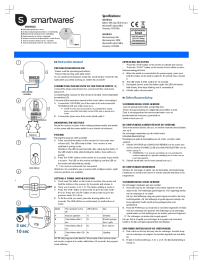
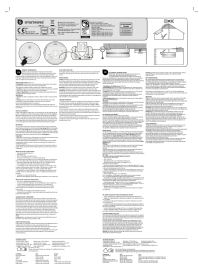

## 9. WARRANTY AND SUPPORT

Smartwares products are manufactured to high quality standards. In the unlikely event of a defect, please contact your retailer or Smartwares customer service.

For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided with your purchase or visit the official Smartwares website.

**Availability of spare parts:** 1 Year (as per product specifications).

## Related Documents

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|---|--|
|    | <p><a href="#">Smartwares SH4-90268 Wireless Plug-In Power Switch Manual</a></p> <p>Instructions for installing and pairing the Smartwares SH4-90268 wireless plug-in power switch with a sender. Learn how to connect devices and disconnect all links.</p>   |
|    | <p><a href="#">Smartwares SH4-99558 Wireless Built-in Up/Down Switch + Remote Manual</a></p> <p>Operating instructions for the Smartwares SH4-99558 wireless built-in up/down switch and remote control. Learn how to connect, mount, pair, and set timers for the receiver and transmitter.</p>   |
|   | <p><a href="#">Smartwares FSM-123 Smoke Alarm: User Manual, Installation &amp; Safety Guide</a></p> <p>Comprehensive guide for the Smartwares FSM-123 smoke alarm. Learn about installation, activation, optimal placement, maintenance, troubleshooting, and technical specifications. Features 10-year battery life and optical sensing for reliable fire detection.</p> |
|  | <p><a href="#">Smartwares FGA-1304 Carbon Monoxide Detector Manual</a></p> <p>User manual for the Smartwares FGA-1304 Carbon Monoxide Detector, providing instructions on installation, operation, maintenance, and safety precautions. Includes technical specifications and troubleshooting information.</p>   |