

Smartwares SH4-99569

Smartwares SH4-99569 Wireless Motion Sensor Automatic Switch Set User Manual

Model: SH4-99569 | Brand: Smartwares

1. INTRODUCTION AND OVERVIEW

The Smartwares SH4-99569 Automatic Switch Set with Wireless Motion Sensor is designed to provide convenient and energy-efficient lighting control. This system automatically illuminates a space upon detecting movement, offering a practical alternative to traditional light switches. It integrates seamlessly with other Smartwares Plug & Connect products, allowing for expanded smart home functionalities. This manual provides detailed instructions for the safe installation, operation, and maintenance of your Smartwares SH4-99569 system.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other injuries.

- Installation should only be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure the main power supply is switched off before installing or performing any maintenance on the device.
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Do not attempt to repair or modify the device yourself. Contact qualified service personnel for assistance.
- Keep batteries out of reach of children. Do not mix old and new batteries, or different types of batteries.
- Dispose of batteries and the device according to local regulations.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Built-in Switch (Receiver)
- Wireless Motion Sensor
- 2x AAA Batteries (included for motion sensor)
- Mounting Material
- Instruction Manual



Image 3.1: Overview of the Smartwares SH4-99569 Automatic Switch Set, showing the receiver and motion sensor.

4. SETUP AND INSTALLATION

4.1. Motion Sensor Battery Installation

1. Open the battery compartment on the back of the motion sensor.
2. Insert the 2 AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

4.2. Receiver Installation (Built-in Switch)

The receiver is designed for wall mounting and should be installed in place of a standard light switch or within a suitable junction box.

1. **Turn off the main power supply** at your fuse box before starting any electrical work.
2. Remove the existing light switch (if applicable).
3. Connect the receiver wires according to the wiring diagram provided in the separate detailed wiring instructions (refer to the product packaging or Smartwares website for specific diagrams). Typically, this involves connecting Live In (L), Neutral In (N), and Switched Live Out (L Out) to your light fixture.
4. Secure the receiver in the wall box using the provided mounting material.
5. Restore power to the circuit.



Image 4.1: Wiring terminals on the Smartwares receiver.

4.3. Pairing the Motion Sensor with the Receiver

To enable communication between the motion sensor and the receiver, they must be paired:

1. Ensure the receiver is powered on.
2. Press the learning button on the receiver (refer to the receiver's specific diagram for location, often a small button or switch). The indicator light on the receiver will typically start flashing.
3. Within a few seconds, trigger the motion sensor by waving your hand in front of it.
4. The receiver's indicator light should stop flashing or change color, indicating successful pairing.
5. Test the connection by triggering the motion sensor again; the connected light should turn on.



Image 4.2: Front view of the Smartwares receiver, showing the learning button/switch.



Image 4.3: Front view of the Smartwares motion sensor.

5. OPERATING INSTRUCTIONS

Once installed and paired, the system operates automatically:

- When the motion sensor detects movement within its detection range, it sends a signal to the receiver.
- The receiver then activates the connected light fixture.
- The light will remain on for a pre-set duration (adjustable, see Section 6) and will turn off automatically if no further motion is detected within that period.
- The system is designed for automatic lighting upon entry, enhancing convenience and security.

6. CONFIGURATION AND SETTINGS

The motion sensor typically offers adjustable settings to customize its behavior:

- **Time Delay (Duration):** This setting determines how long the light remains on after the last detected motion. Adjust this to your preference (e.g., 10 seconds, 1 minute, 5 minutes).
- **Light Sensitivity (LUX):** This setting controls the ambient light level at which the sensor becomes active. For example, you can set it so the light only turns on when it's dark, or at any time of day.
- **Motion Sensitivity (PIR):** This adjusts how easily the sensor detects movement. Higher sensitivity means it will detect smaller movements or movements at a greater distance.

Refer to the specific markings or small dials/switches on your motion sensor for adjusting these settings. Use a small screwdriver if necessary.

7. MAINTENANCE

- **Cleaning:** Clean the motion sensor lens and the receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the motion sensor's battery is low, its indicator light may flash or the sensor may become unresponsive. Replace the 2 AAA batteries with new alkaline batteries, ensuring correct polarity.
- **Regular Checks:** Periodically check the system's functionality to ensure it is operating correctly.

8. TROUBLESHOOTING

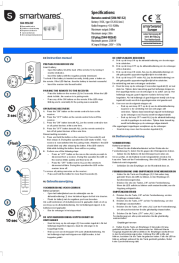


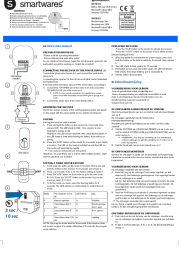


Problem	Possible Cause	Solution
Light does not turn on with motion.	<ul style="list-style-type: none"> • No power to receiver. • Motion sensor batteries are dead. • Sensor and receiver are not paired. • Sensor settings (LUX) are too high. • Obstruction in sensor's field of view. 	<ul style="list-style-type: none"> • Check power supply to the receiver. • Replace motion sensor batteries. • Re-pair the sensor and receiver (Section 4.3). • Adjust LUX setting on the sensor. • Clear any obstructions.
Light stays on too long or too short.	Time delay setting is incorrect.	Adjust the time delay setting on the motion sensor (Section 6).
Light turns on too frequently or not enough.	Motion sensitivity (PIR) setting is incorrect.	Adjust the motion sensitivity setting on the motion sensor (Section 6).
System does not respond.	<ul style="list-style-type: none"> • Loss of power. • Interference. • Device malfunction. 	<ul style="list-style-type: none"> • Check power to receiver. • Ensure no strong radio interference sources nearby. • If issues persist, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	SH4-99569
Brand	Smartwares
Product Dimensions	2.9 x 8 x 8 cm
Weight	121 Grams
Color	White
Material	Plastic
Power Source	Battery (Motion Sensor), Mains (Receiver)
Voltage	230 Volt
Wattage (Max Load)	1000 Watt
Batteries Required	2 AAA batteries (included)
Battery Type	Alkaline
Average Battery Life	270 Days
Maximum Range (Wireless)	30 Meters
Mounting Type	Wall Mount
Compatible Devices	HomeWizard, Smartwares SmartHome (Plug & Connect)

10. WARRANTY AND SUPPORT

Smartwares products are designed and manufactured to high-quality standards. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Smartwares website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Smartwares customer service through their official channels. You can find more information and support at the official Smartwares website www.smartwares.eu

	<p>Smartwares SH4-99565AT Remote Controlled Socket Set Instruction Manual</p> <p>User manual for the Smartwares SH4-99565AT remote controlled socket set. Provides instructions on battery insertion, remote pairing, receiver operation, disconnection, and important safety warnings regarding button cell batteries.</p>
	<p>Smartwares SH4-90268 Wireless Plug-In Power Switch Manual</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>Datasensing SH4 Safety Light Curtains: Basic Models for Hand and Finger Protection</p> <p>Comprehensive guide to Datasensing SH4 Basic Models safety light curtains, featuring hand and finger protection options. Includes detailed specifications, selection charts, connection diagrams, accessories, mounting brackets, and test pieces. Optimized for industrial automation safety.</p>
	<p>Smartwares SH4-99558 Wireless Built-in Up/Down Switch + Remote Manual</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>Smartwares SH4-90155 Wireless Door/Window Sensor Instruction Manual</p> <p>Comprehensive guide for the Smartwares SH4-90155 wireless door and window sensor, covering operation, installation, battery replacement, and pairing with receivers. Includes product specifications.</p>
	<p>Smartwares DIC-23112 Wi-Fi Video Doorbell Manual and Setup Guide</p> <p>Comprehensive guide for installing, setting up, and using the Smartwares DIC-23112 Wi-Fi Video Doorbell with the Smartwares View app. Includes troubleshooting and product specifications.</p>



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