Optimum OP-SBWF01

Optimum Wi-Fi Enabled Socket Box Time Switch User Manual

Model: OP-SBWF01 | Brand: Optimum

Introduction

The Optimum OP-SBWF01 is a versatile Wi-Fi enabled general purpose time switch designed for convenient control of electrical appliances. This device can be mounted directly onto a single patters or surface mounting box. It offers flexible programming options for 24-hour or 7-day operation, accessible remotely via a smartphone application and your home Wi-Fi network. Manual override is available directly on the unit or through the app, providing comprehensive control whether you are within Wi-Fi range or not, provided your phone has a data signal. Multiple Wi-Fi switches can be integrated and controlled independently within your system.



Image: The Optimum OP-SBWF01 Wi-Fi Enabled Socket Box Time Switch, shown both in its retail packaging and as a standalone unit. The packaging is white with the 'Optimum' logo, and the device itself is white with a central circular button and a clear protective cover.

Safety Information

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

- **Professional Installation Recommended:** Installation of this device involves mains electricity. It is strongly recommended that a qualified electrician performs the installation to ensure safety and compliance with local wiring regulations.
- **Power Disconnection:** Always ensure the main power supply to the circuit is disconnected at the consumer unit/fuse box before attempting any installation, wiring, or maintenance.
- **Voltage and Current:** This device operates at 230V AC and is rated for switching up to 16 Amps resistive and 4 Amps inductive loads. Do not exceed these ratings.
- **Indoor Use Only:** This product is designed for indoor use only. Do not expose it to moisture, extreme temperatures, or corrosive environments.
- **Ventilation:** Ensure adequate ventilation around the device. Do not cover it or install it in an enclosed space without proper airflow.
- **Cleaning:** Clean the device with a dry, soft cloth. Do not use liquid cleaners or aerosols.

Package Contents

Verify that all items are present in the package:

- 1 x Optimum Wi-Fi Enabled Socket Box Time Switch (Model: OP-SBWF01)
- 1 x Installer Instructions
- 1 x User Instructions (This Manual)

Product Overview

The Optimum OP-SBWF01 features a compact design for seamless integration into standard electrical installations. Key components include the main unit with its control button and indicator light, and a clear protective cover.



Image: The Optimum OP-SBWF01 unit with its clear protective cover in place, showing the central circular control button and a small indicator light. The unit is white and designed to fit into a standard wall socket box.



Image: The Optimum OP-SBWF01 unit with its clear protective cover removed, revealing the main white body of the switch and the central circular control button. The cover is shown detached next to the main unit.



Image: A top-down view of the Optimum OP-SBWF01 Wi-Fi Enabled Socket Box Time Switch, showing its square white casing and the central circular control button with a small indicator light. The 'Optimum' branding is visible on the top right corner.

Components:

- **Control Button:** Located centrally on the front face. Used for manual override (ON/OFF).
- **Indicator Light:** A small LED near the control button, indicating status (e.g., Wi-Fi connection, power status).
- **Protective Cover:** A clear, removable cover that protects the front face of the switch.
- **Wiring Terminals:** Located at the rear of the unit for electrical connections (Live, Neutral, Common, Normally Open, Normally Closed).

Setup and Installation

1. Electrical Installation (Professional Installation Recommended)

WARNING: Ensure power is disconnected at the mains before proceeding. Incorrect wiring can cause electric shock or fire.

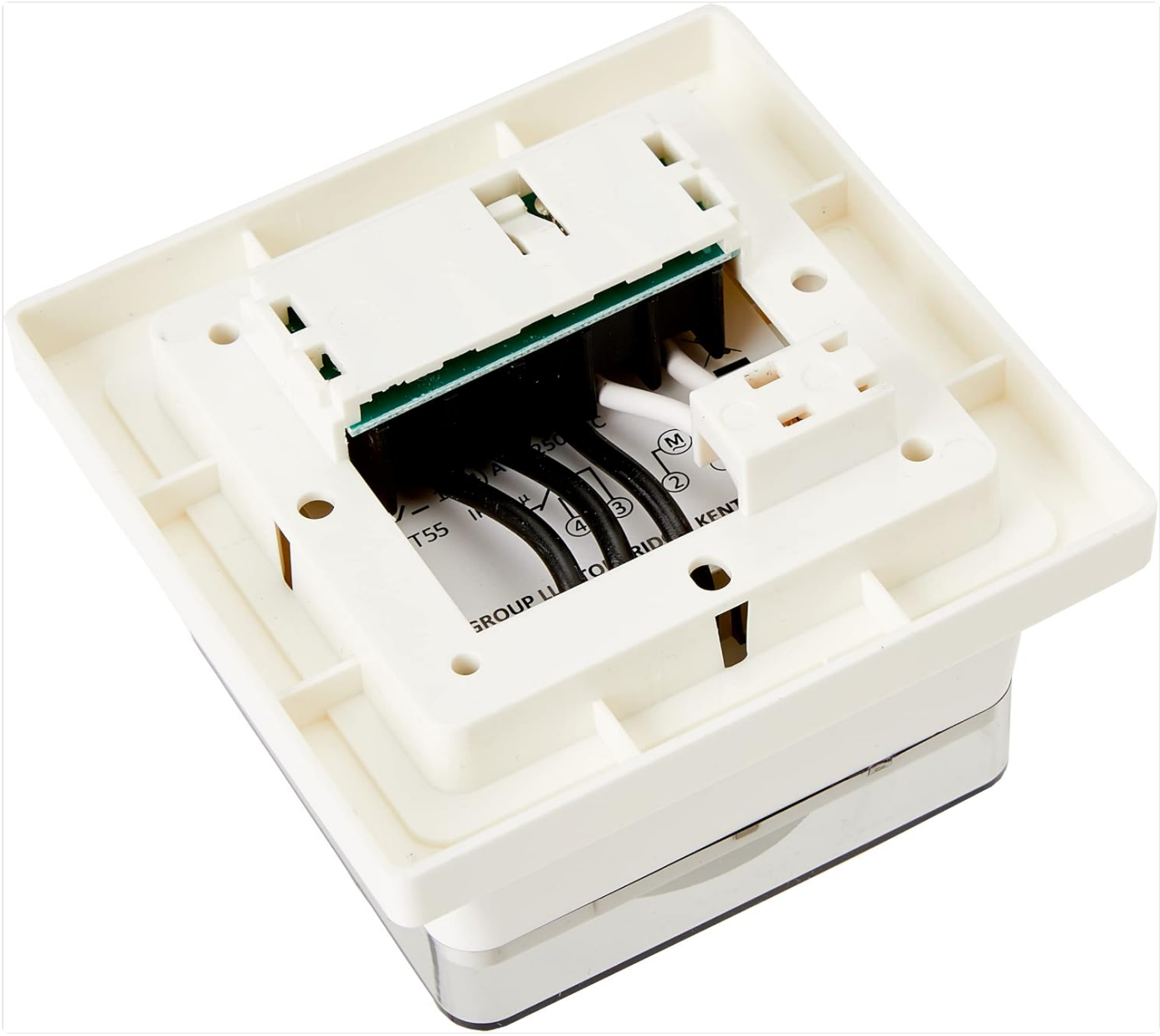


Image: The rear view of the Optimum OP-SBWF01 Wi-Fi Enabled Socket Box Time Switch, clearly showing the wiring terminals for electrical connection. The terminals are labeled for Live, Neutral, Common, Normally Open (NO), and Normally Closed (NC) connections.

The OP-SBWF01 features volt-free SPDT (Single Pole Double Throw) contacts, allowing for flexible wiring configurations. It has five terminals:

- **L (Live):** Input Live for powering the timer.
- **N (Neutral):** Input Neutral for powering the timer.
- **COM (Common):** Common terminal for the switching circuit.
- **NO (Normally Open):** Output terminal that connects to COM when the switch is ON.
- **NC (Normally Closed):** Output terminal that connects to COM when the switch is OFF.

Connect the device according to your specific application and local electrical codes. Ensure all connections are secure. Once wired, mount the unit into a standard single gang patters or surface mounting box.

2. App Installation and Account Creation

1. Scan the QR code provided in the installer instructions or search for the recommended app (e.g., "C-Home" or "Tuya Smart") in your smartphone's app store (Apple App Store for iOS, Google Play Store for Android).
2. Download and install the application.
3. Open the app and follow the on-screen prompts to create a new user account. This typically involves providing an

email address or phone number and setting a password.

3. Wi-Fi Connection

The Optimum OP-SBWF01 requires a **2.4 GHz Wi-Fi network** for initial setup and operation. If you have a dual-band router (2.4 GHz and 5 GHz), ensure your smartphone is connected to the 2.4 GHz band during the pairing process. After successful pairing, your phone can revert to the 5 GHz band as the device communicates via the cloud server.

1. Ensure the OP-SBWF01 is powered on. The indicator light should be blinking, indicating it's in pairing mode. If not, consult the app's instructions for how to put the device into pairing mode (often by holding the control button).
2. Open the installed app on your smartphone.
3. Tap "Add Device" or the "+" icon.
4. Select the appropriate device type (e.g., "Switch" or "Timer").
5. Follow the in-app instructions to connect the device to your Wi-Fi network. You will need to enter your Wi-Fi network name (SSID) and password.
6. Once connected, the indicator light on the device will change (e.g., stop blinking or turn solid), and the device will appear in your app.

Operating Instructions

1. Manual Control

The control button on the front of the OP-SBWF01 allows for direct manual operation:

- **Press the button once:** Toggles the switch ON or OFF. This manual override will temporarily change the state regardless of the programmed schedule.

2. App Control

The smartphone app provides comprehensive control and programming capabilities:

- **Remote ON/OFF:** Tap the power icon in the app to switch the device ON or OFF remotely.
- **Scheduling:**
  - Create daily or weekly schedules with multiple ON/OFF times.
  - The device supports up to 20 ON/OFF programs.
  - Set specific days of the week for each program to repeat.
- **Countdown Timer:** Set a countdown for the device to turn ON or OFF after a specified duration (minimum 1 minute).
- **Status View:** View the current switched status of the device directly from the app.
- **Remote Override:** The app allows you to override any active schedule or manual state.

3. Voice Assistant Integration

The Optimum OP-SBWF01 is compatible with popular voice assistants such as Amazon Alexa and Google Assistant. Follow the instructions within your chosen voice assistant's app to link your smart home account (the one created for the OP-SBWF01 app).

- **For Amazon Alexa:**
  - Open the Alexa app.
  - Go to "Skills & Games" and search for the relevant skill (e.g., "C-Home" or "Tuya Smart").
  - Enable the skill and link your account using your app credentials.

- Discover devices. You can then say, "Alexa, turn on [Device Name]" or "Alexa, turn off [Device Name]".

- **For Google Assistant:**
  - Open the Google Home app.
  - Tap "Add" (+) > "Set up device" > "Works with Google".
  - Search for the relevant service (e.g., "C-Home" or "Tuya Smart").
  - Link your account using your app credentials.
  - You can then say, "Hey Google, turn on [Device Name]" or "Hey Google, turn off [Device Name]".

Maintenance

- **Cleaning:** Ensure the device is disconnected from power before cleaning. Wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or wet cloths.
- **Firmware Updates:** Periodically check the smartphone app for available firmware updates for your device. Keeping the firmware updated ensures optimal performance and security.
- **Network Stability:** Ensure your Wi-Fi network remains stable and within range of the device for consistent operation.

Troubleshooting

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi.	◦ Smartphone connected to 5 GHz Wi-Fi band. ◦ Incorrect Wi-Fi password. ◦ Device too far from router. ◦ Router settings (e.g., MAC filtering).	◦ Ensure your phone is connected to the 2.4 GHz Wi-Fi band during setup. ◦ Double-check Wi-Fi password. ◦ Move device closer to router or use a Wi-Fi extender. ◦ Check router settings; temporarily disable MAC filtering if enabled. ◦ Restart the device and router.
Device offline in app.	◦ Loss of power to the device. ◦ Wi-Fi network issues. ◦ Internet connection issues.	◦ Check power supply to the device. ◦ Verify your Wi-Fi network is operational. ◦ Check your internet connection. ◦ Restart the device and router.
Manual button not responding.	◦ Device not powered. ◦ Internal fault.	◦ Check power supply. ◦ If power is present and button still unresponsive, contact support.

Problem	Possible Cause	Solution
Schedules not activating.	◦ Incorrect schedule settings in app. ◦ Device offline. ◦ Time zone mismatch.	◦ Review and correct schedule settings in the app. ◦ Ensure device is online and connected to Wi-Fi. ◦ Verify time zone settings in the app and on your phone.

Specifications

Model Number	OP-SBWF01
Product Dimensions (L x W x H)	5.8 x 9 x 9.2 cm
Item Weight	90 g
Colour	White
Power Source	AC
Voltage	230 Volts
Current Rating	4 Amps (Inductive), 16 Amps (Resistive)
Switch Type	1-way (SPDT contacts)
Operation Mode	ON-ON
Contact Type	Normally Open
Connector Type	Screw In
Actuator Type	Push Button
Usage	Inside; Amateur
Batteries Required?	No

Warranty and Support

For warranty information and technical support, please refer to the contact details provided by your retailer or visit the official Optimum website. Keep your proof of purchase for warranty claims.
Manufacturer: Tower Flue Components

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question