

GREENCYCLE M-KS-WLSWH-1B-1PK+WLREV-WIFI-1PK-001

GREENCYCLE Smart Wireless Light Switch and Receiver User Manual

Model: M-KS-WLSWH-1B-1PK+WLREV-WIFI-1PK-001

1. Product Overview

The GREENCYCLE Smart Wireless Light Switch and Receiver system provides a convenient solution for controlling lights and appliances. This kit includes a wireless switch panel and a compact receiver module. It supports traditional manual control, remote control via a smartphone application, and voice control through Amazon Alexa and Google Home. The system is designed for easy installation without the need for new wiring to the switch location, offering flexibility in placement and control.



Figure 1: GREENCYCLE Smart Wireless Light Switch and Receiver. The image displays the white, rectangular wireless switch panel on the left and the smaller, white receiver module with an antenna on the right. The receiver has input/output labels and a warning sticker.

2. Package Contents

Verify that all items are present in your package:

- 1 x Wireless Switch Panel
- 1 x Receiver Module
- 2 x Adhesive Rubbers
- 1 x User Manual

3. Specifications

Model Number	M-KS-WLSWH-1B-1PK+WLREV-WIFI-1PK-001
Input Voltage (Receiver)	AC 80-270V, 50/60Hz
Max Load (Receiver)	10A / 1000W (LED)
Wireless Frequency	433MHz (Switch to Receiver)
Wi-Fi Standard	2.4GHz (Receiver to Router)
Outdoor Transmission Distance	>500m

Indoor Transmission Distance	>40m (through walls)
Switch Battery	CR2032 button lithium battery
Switch Battery Lifetime	Up to 20 years (approx. 4-6 years with 10 operations/day)
Switch Button Life	800,000 times
Receiver Life	400,000 times
Switch Waterproof Rating	IP54
Material	Polycarbonate
Certifications	CE, CQC, FCC, RoHS

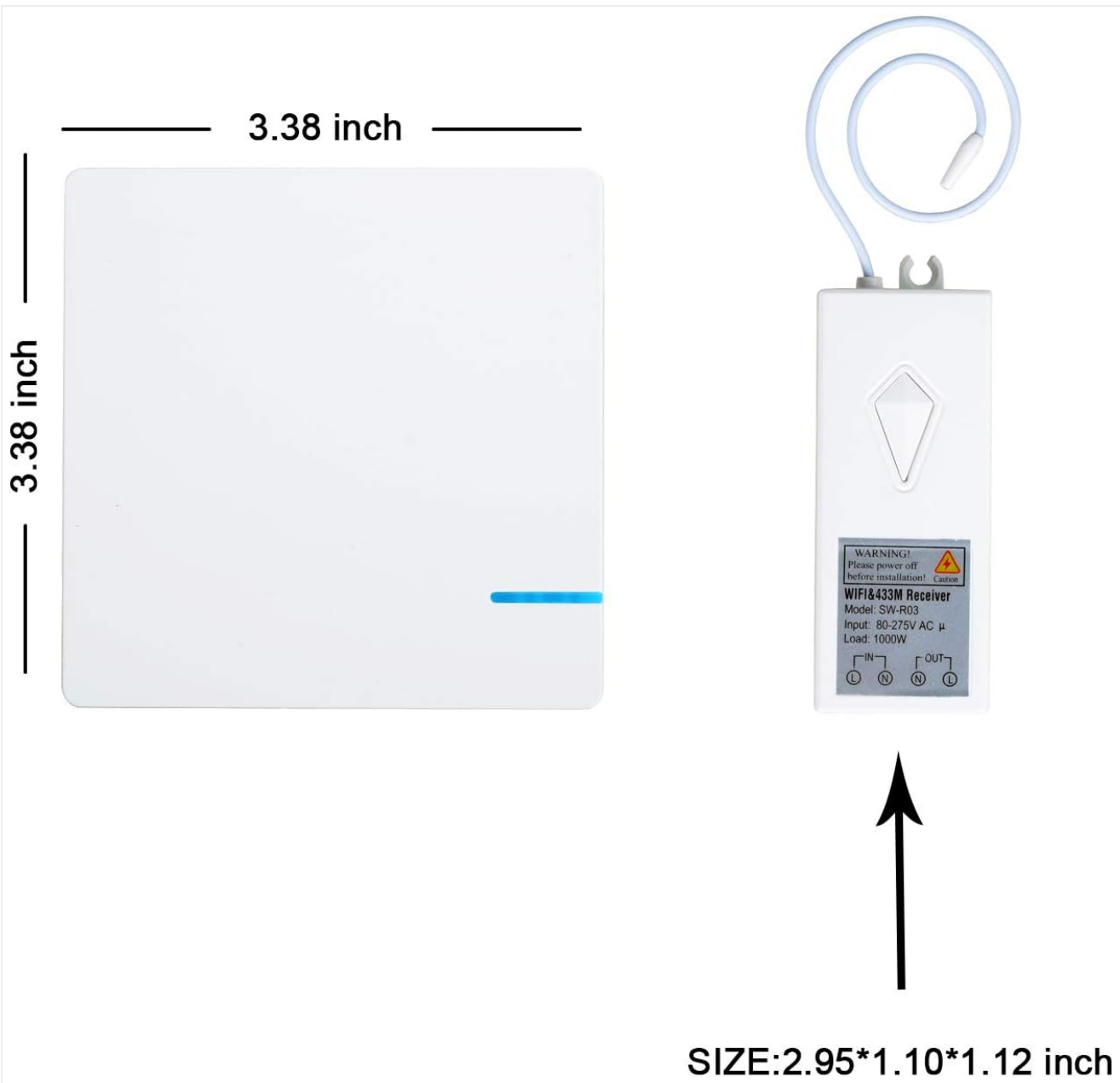


Figure 2: Dimensions of the Wireless Switch (3.38 x 3.38 inches) and Receiver (2.95 x 1.10 x 1.12 inches).

4. Important Safety Information

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

- **WARNING:** Always turn off power at the circuit breaker before installing or servicing the receiver module.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Do not exceed the maximum load rating of 10A / 1000W.
- Ensure proper wiring connections (Live In, Neutral In, Live Out, Neutral Out) as indicated on the receiver.
- The wireless switch is IP54 water-resistant, suitable for damp environments like bathrooms, but should not be submerged in water.
- Keep the product out of reach of children.

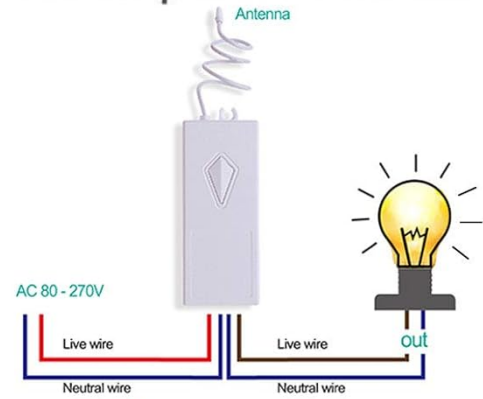
5. Setup and Installation

5.1 RECEIVER WIRING

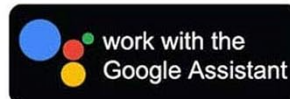
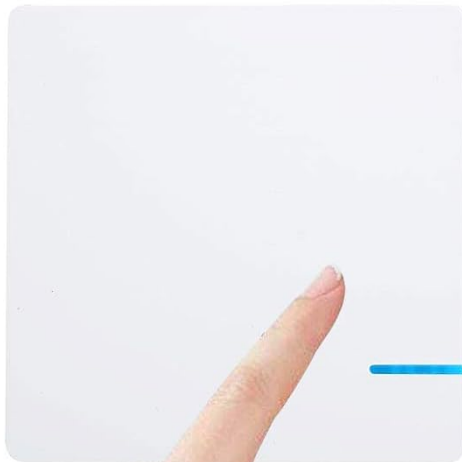
1. **Turn off power:** Locate the circuit breaker controlling the light fixture and turn off the power. Verify power is off using a voltage tester.
2. **Connect the receiver:** The receiver module should be wired between the power supply and the light fixture. Refer to the wiring diagram below.
 - Connect the **Live In** wire from the power supply to the 'L IN' terminal on the receiver.
 - Connect the **Neutral In** wire from the power supply to the 'N IN' terminal on the receiver.
 - Connect the **Live Out** wire to the light fixture to the 'L OUT' terminal on the receiver.
 - Connect the **Neutral Out** wire to the light fixture to the 'N OUT' terminal on the receiver.
3. **Secure the receiver:** The compact receiver can be placed inside a wiring box, canopy, or electrical box.
4. **Restore power:** Once all connections are secure, turn the power back on at the circuit breaker.

Wired between power and lamp

Click Switch To Control



Wireless Switch ((• 433MHz •))



No Wires
Mounts Anywhere



Figure 3: Wiring diagram showing the receiver connected between the power source (AC 80-270V) and the lamp. Live and Neutral input wires connect to 'IN', and Live and Neutral output wires connect to 'OUT'.

5.2 WIRELESS SWITCH PLACEMENT

The wireless switch requires no wiring and can be mounted anywhere using the provided adhesive rubbers or screws (not included).

1. Clean the desired surface for mounting.
2. Peel off the backing from the adhesive rubbers and firmly press the switch panel onto the surface.
3. Alternatively, use screws to secure the switch panel to a wall or junction box.

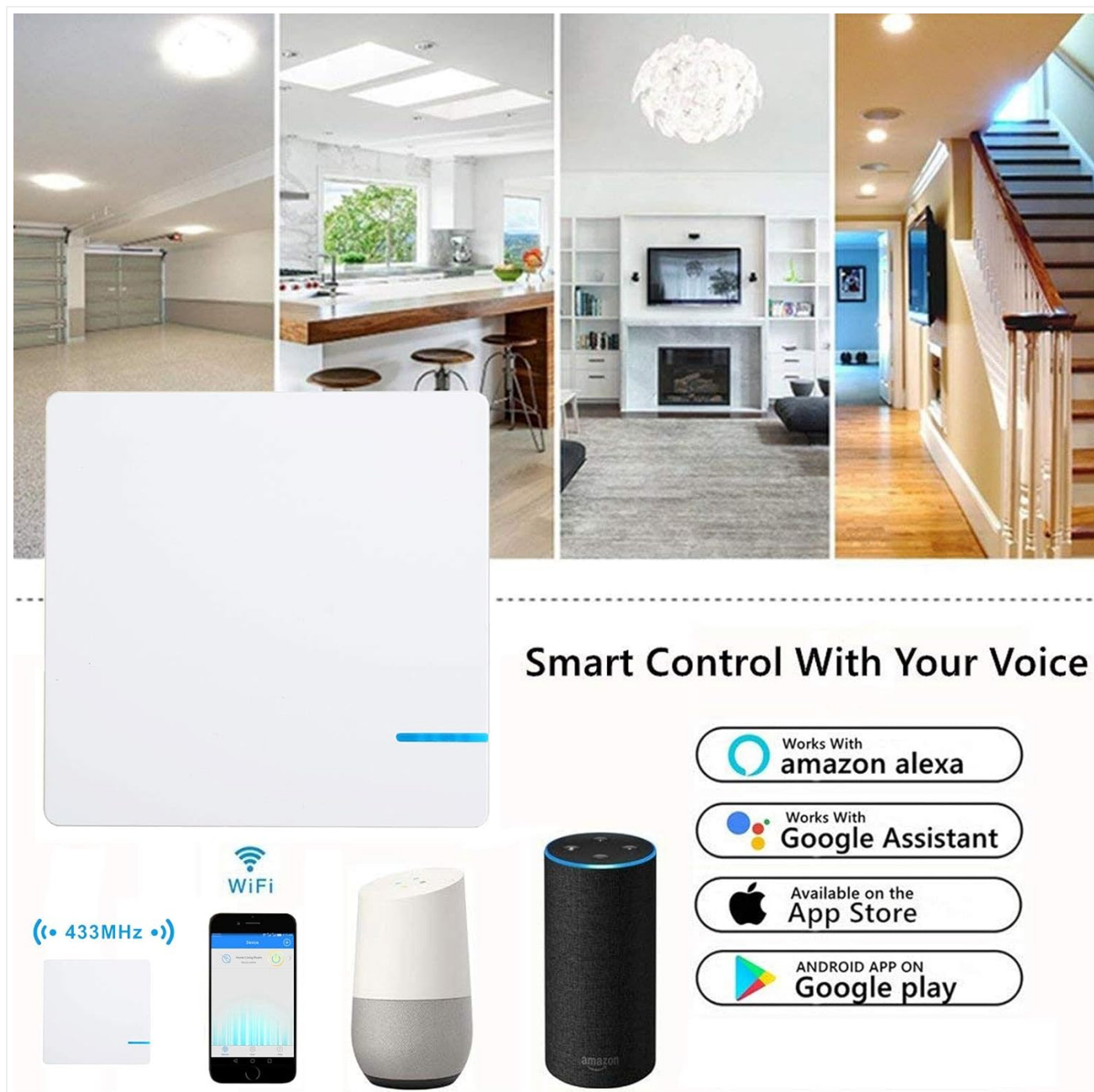


Figure 4: Examples of the wireless switch installed in different rooms, demonstrating its flexible placement without wiring.

5.3 PAIRING THE WIRELESS SWITCH WITH THE RECEIVER

The switch and receiver are typically pre-paired. If re-pairing is needed or for multi-way control setup:

1. Ensure the receiver is powered on.
2. Press and hold the pairing button on the receiver (refer to receiver diagram for location, usually a small button or indicator). The indicator light on the receiver will start blinking.
3. While the receiver indicator is blinking, press the desired button on the wireless switch panel.
4. The receiver's indicator light will stop blinking or flash a confirmation, indicating successful pairing.
5. To set up multi-way control, repeat steps 2-3 with additional wireless switch panels.

5.4 CONNECTING TO WI-FI AND APP SETUP

To enable smart control features, connect the receiver to your home Wi-Fi network and set up the companion application.


1. **Download the App:** Search for the "Wireless Smart" app on the Apple App Store (for iOS) or Google Play Store (for Android) and install it on your smartphone.

2. **Register/Log In:** Open the app and follow the on-screen instructions to create an account or log in.
3. **Add Device:** In the app, select the option to add a new device. Follow the app's instructions to put the receiver into Wi-Fi pairing mode (this usually involves a specific power cycle or button press on the receiver).
4. **Connect to Wi-Fi:** Enter your 2.4GHz Wi-Fi network name and password when prompted by the app. The receiver will connect to your home network.
5. **Name the Device:** Assign a descriptive name to your smart switch (e.g., "Living Room Light") for easy identification and voice control.

POWERFUL TIMER FUNCTION

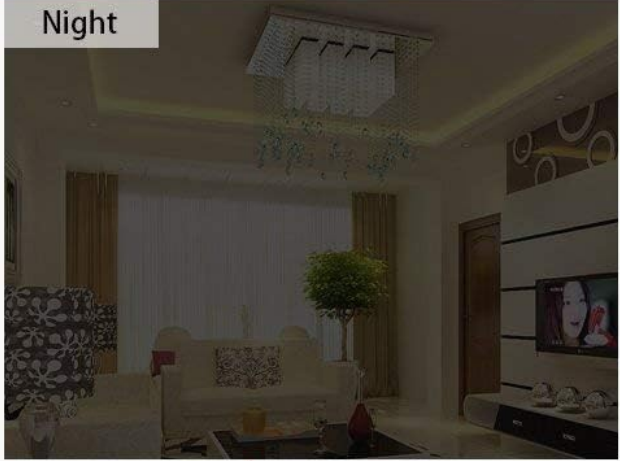
Scheduled Timer/Countdown Timer/Loop Timer

Morning



☑ 7:30 ON
☑ 8:30 OFF

Night



☑ 17:30 ON
☑ 23:30 OFF

Set Schedules
Sync on and off to sunrise and sunset




Figure 5: A smartphone displaying the "Wireless Smart" app interface, showing control over various light fixtures (Kitchen, Bedroom, Living Room).

6. Operating Instructions

6.1 MANUAL CONTROL

Press the wireless switch panel to toggle the connected light or appliance on and off. The switch transmits a 433MHz signal to the receiver.

6.2 APP CONTROL

Use the "Wireless Smart" application on your smartphone to control your lights from anywhere with an internet connection.

- Open the "Wireless Smart" app.
- Select the desired smart switch from your device list.
- Tap the on/off icon to toggle the light.
- If the connected light fixture supports dimming and the app provides the function, you can adjust brightness levels.

6.3 VOICE CONTROL (AMAZON ALEXA & GOOGLE HOME)

Integrate your GREENCYCLE Smart Wireless Light Switch with Amazon Alexa or Google Home for convenient voice control.

1. **Link Account:** In your Alexa or Google Home app, navigate to the 'Skills' or 'Works with Google' section. Search for and enable the "Wireless Smart" skill/service. Link your "Wireless Smart" account.
2. **Discover Devices:** Ask your voice assistant to "Discover devices" or manually initiate device discovery in the app.
3. **Voice Commands:** Once discovered, you can use commands such as:
 - "Alexa, turn on [Device Name]"
 - "Hey Google, turn off [Device Name]"
 - "Alexa, set [Device Name] to 50%" (if dimming is supported)

HANDS FREE VOICE CONTROL YOUR HOME



Figure 6: Examples of voice control in a home setting, showing an Amazon Echo and Google Home device responding to commands to control lights.

6.4 TIMING FUNCTION

Utilize the app's timing functions to automate your lights and appliances.

- **Scheduled Timer:** Set specific times for your lights to turn on or off daily.
- **Countdown Timer:** Set a timer for the light to turn off after a specified duration.
- **Loop Timer:** Configure repetitive on/off cycles.
- **Sunrise/Sunset Sync:** Schedule lights to turn on or off based on local sunrise and sunset times.



Figure 7: Screenshots from the app demonstrating scheduled timers for lights, including daily on/off times and synchronization with sunrise/sunset.

7. Maintenance

7.1 CLEANING

Wipe the wireless switch panel and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surface or internal components.

7.2 WIRELESS SWITCH BATTERY REPLACEMENT

The wireless switch is powered by a CR2032 button lithium battery, which has a long lifespan (up to 20 years, or 4-6 years with typical use). If the switch becomes unresponsive, the battery may need replacement.

1. Carefully pry open the back cover of the wireless switch panel.
2. Remove the old CR2032 battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Snap the back cover securely into place.

8. Troubleshooting

8.1 LIGHT NOT RESPONDING TO WIRELESS SWITCH

- **Check Receiver Power:** Ensure the receiver is properly wired and receiving power.
- **Check Pairing:** Re-pair the wireless switch with the receiver (refer to Section 5.3).
- **Battery Check:** Replace the CR2032 battery in the wireless switch (refer to Section 7.2).
- **Distance/Obstructions:** Ensure the switch is within the effective range of the receiver (up to 40m indoors) and there are no excessive obstructions.

8.2 APP/VOICE CONTROL NOT WORKING

- **Wi-Fi Connectivity:** Verify that your receiver is connected to your 2.4GHz Wi-Fi network. Check your router and internet connection.
- **App Status:** Ensure the "Wireless Smart" app shows the device as "Online".
- **Account Linking:** Confirm that your "Wireless Smart" account is correctly linked to Amazon Alexa or Google Home.
- **Device Name:** Use the exact device name configured in the app for voice commands.
- **Router Interference:** If you have a dual-band router, ensure the receiver is connected to the 2.4GHz band.

8.3 LIGHT FLICKERS OR DOES NOT TURN ON/OFF CORRECTLY



- **Load Compatibility:** Ensure the connected light fixture's wattage does not exceed the receiver's maximum load (1000W).
- **Wiring Check:** Double-check all wiring connections to the receiver (Live In, Neutral In, Live Out, Neutral Out) for looseness or incorrect placement.
- **Dimming Function:** If attempting to dim, ensure the light bulb itself is dimmable and the app supports dimming for this specific device.

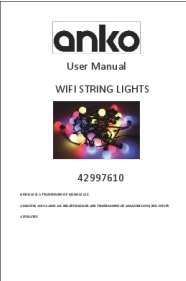
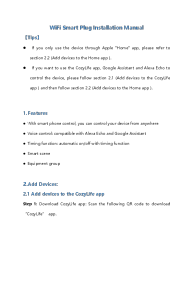

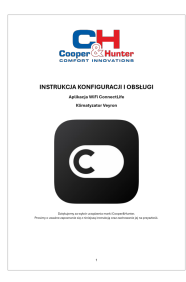
9. Warranty and Support

For warranty information or technical support, please contact GREENCYCLE customer service. Refer to the product packaging or the GREENCYCLE official website for the most current contact details.

Manufacturer: GREENCYCLE TECH INC.

Related Documents - M-KS-WLSWH-1B-1PK+WLREV-WIFI-1PK-001

	Greencycle Wireless Switch System User Manual User manual for the Greencycle Wireless Switch System, detailing installation, pairing, operation, and specifications for various wireless switch models and receivers.
	HY08 Series WiFi Touch Screen Heating Thermostat User Manual Comprehensive user manual for the HY08 series WiFi Touch Screen Heating Thermostat, detailing product specifications, operation instructions, advanced settings, programming modes, wiring diagrams, installation cautions, and warranty information. Features include Wi-Fi connectivity, touch screen interface, and weekly programmability for efficient home heating control.

	<p>Anko WIFI String Lights User Manual (Model 42997610)</p> <p>User manual for Anko WIFI String Lights (Model 42997610), detailing setup, pairing with Tuya Smart app, and control via Amazon Alexa and Google Assistant.</p>
	<p>WiFi Smart Plug Installation Manual - SmaringWing</p> <p>Comprehensive installation manual for the SmaringWing WiFi Smart Plug, detailing setup with CozyLife, Apple HomeKit, Google Assistant, and Amazon Alexa. Includes features, troubleshooting, and important usage notes.</p>
	<p>ENER-J Smart RGB Fairy Lights SHA5326 - User Guide & Setup</p> <p>This guide provides comprehensive details on the ENER-J Smart RGB Fairy Lights (Model SHA5326), including its features, technical specifications, setup instructions for the Enerjsmart app, and integration with voice assistants like Amazon Alexa and Google Assistant.</p>
	<p>Instrukcja Konfiguracji i Obsługi Klimatyzatora Veyron z Aplikacją WiFi ConnectLife</p> <p>Szczegółowy przewodnik po konfiguracji i obsłudze klimatyzatora Cooper&Hunter Veyron przy użyciu aplikacji WiFi ConnectLife. Instrukcja obejmuje instalację modułu WiFi, wymagania systemowe, konfigurację aplikacji, integrację z Amazon Alexa i Google Home oraz rozwiązywanie problemów.</p>