LEDLUX SHZ3543

LEDLUX ZigBee Wireless Scene Switch (Model SHZ3543)

User Instruction Manual

1. Introduction

The LEDLUX ZigBee Wireless Scene Switch (Model SHZ3543) is a versatile 3-button remote control designed to enhance your smart home experience. This battery-powered device connects to your smart ZigBee products, such as LED lights, via the ZigBee 3.0 protocol. It allows you to control up to 9 different scenes or devices through the Tuya and Smart Life applications, offering convenient and cable-free operation.

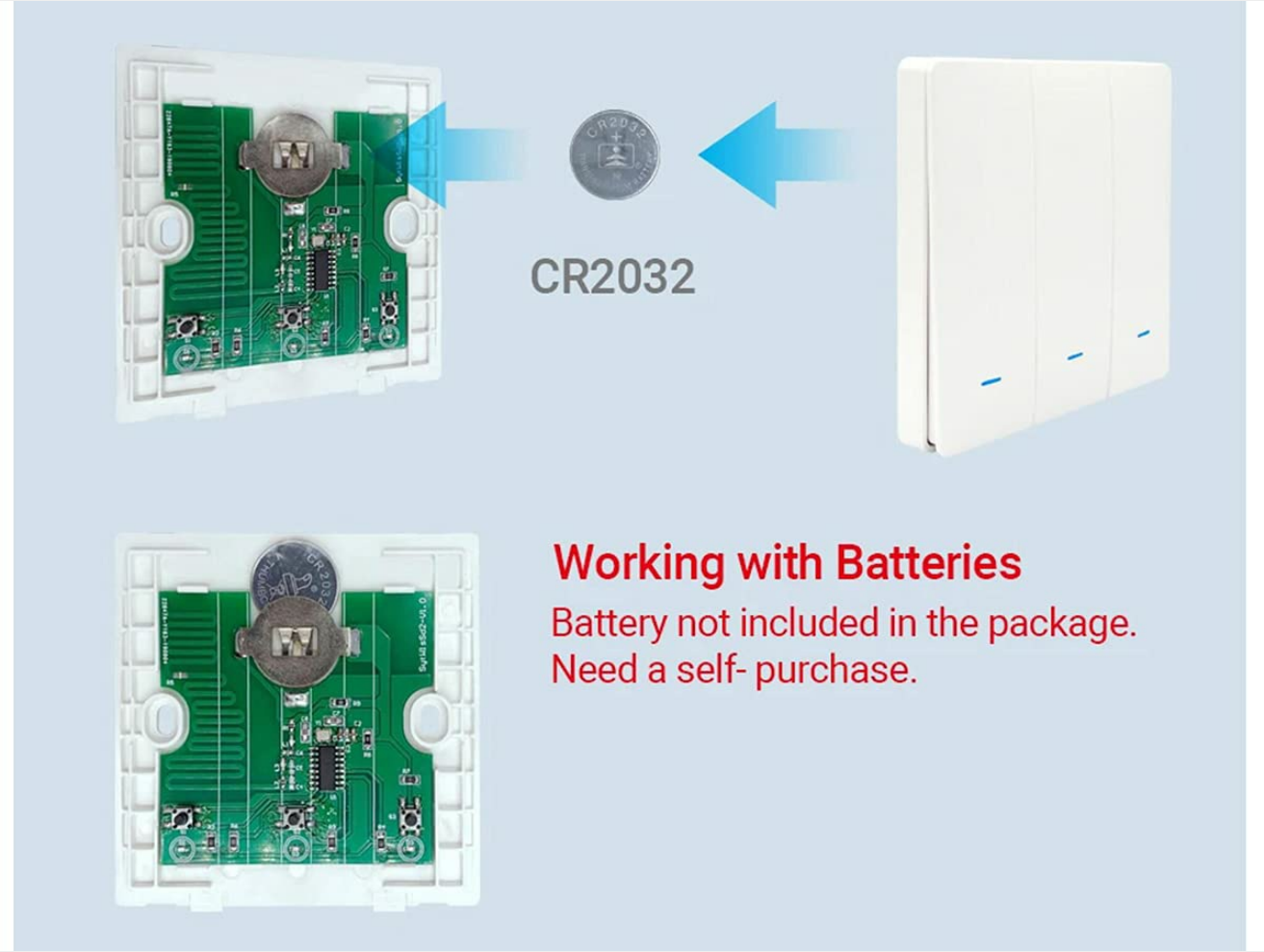

Figure 1: Front view of the LEDLUX ZigBee Wireless Scene Switch.

2. Product Features

- **ZigBee 3.0 Protocol:** Connects wirelessly to smart ZigBee products like lights.
- **ZigBee Hub Gateway Required:** Operates in conjunction with a ZigBee Hub Gateway (sold separately).
- **Multi-Scene Control:** Three pairing modes per button allow for a maximum of 9 scenes from a single switch.
- **Compact Design:** Square 86 x 86 mm, 15.5 mm thick.
- **Battery Powered:** Uses a CR2032 battery (not included), providing over 2 years of battery life.
- **Wireless Installation:** No wiring required; attach anywhere with double-sided tape.
- **Multiple Models:** Available in 1-key, 2-key, and 3-key versions. This manual covers the 3-key version.

3. Setup Guide

3.1. Battery Installation

The device requires a CR2032 battery, which is not included in the package. Please purchase one separately.

1. Carefully open the switch cover using a small screwdriver or similar tool.
2. Insert the CR2032 battery into the designated slot, ensuring correct polarity.
3. Close the switch cover securely.

Figure 2: Battery installation for the scene switch.

3.2. Pairing with ZigBee Hub Gateway

This scene switch requires a ZigBee Hub Gateway to function. Ensure your ZigBee Hub is powered on and connected to your network.

1. Open the Tuya Smart or Smart Life application on your smartphone.
2. Navigate to your ZigBee Hub Gateway within the app.
3. Initiate the device search or pairing mode on your ZigBee Hub.
4. On the scene switch, press and hold any button until the indicator light blinks, signaling it is in pairing mode.
5. Once the switch is detected and added to your ZigBee Hub in the app, confirm the pairing.

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Video 1: Demonstrates unboxing, battery installation, and pairing the scene switch with a ZigBee Gateway via the Tuya app.

3.3. Setting Up Scenes in the App

After pairing, you can configure scenes and assign them to the switch buttons within the Tuya Smart or Smart Life app.

1. In the app, go to the 'Smart' or 'Automation' section.
2. Create a new scene or automation. For example, a 'Tap-to-Run' scene.
3. Add the desired smart devices (e.g., lights, dimmer switches) to this scene and define their states (ON/OFF, brightness, etc.). Multiple devices can be controlled simultaneously within one scene.
4. Save the scene.
5. Go to the interface for your Scene Switch within the app.

6. Assign the newly created scene to a specific button action (e.g., single click, double click, long press) on your scene switch.

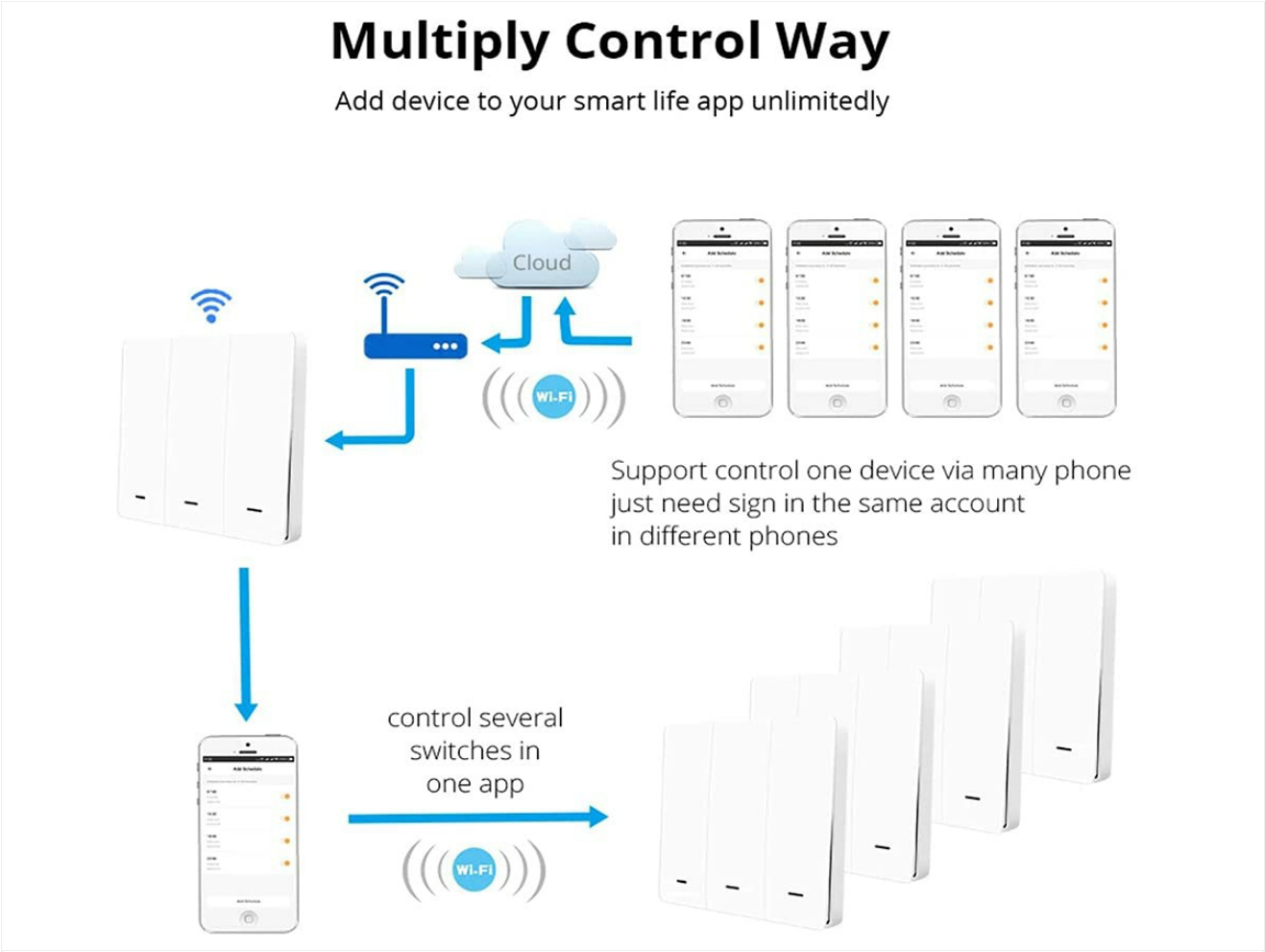

Figure 3: Multiple devices can be added to your smart life app for unified control.

Figure 4: Voice control setup with Alexa and Google Home is supported via the Tuya/Smart Life App.

Figure 5: Timer control allows scheduling up to 30 events, repeatable daily or weekly.

4. Operation

Once scenes are configured and assigned, simply press the corresponding button on the scene switch to activate the programmed actions. Each button can support up to three different actions (single click, double click, long press), allowing for versatile control of your smart devices.

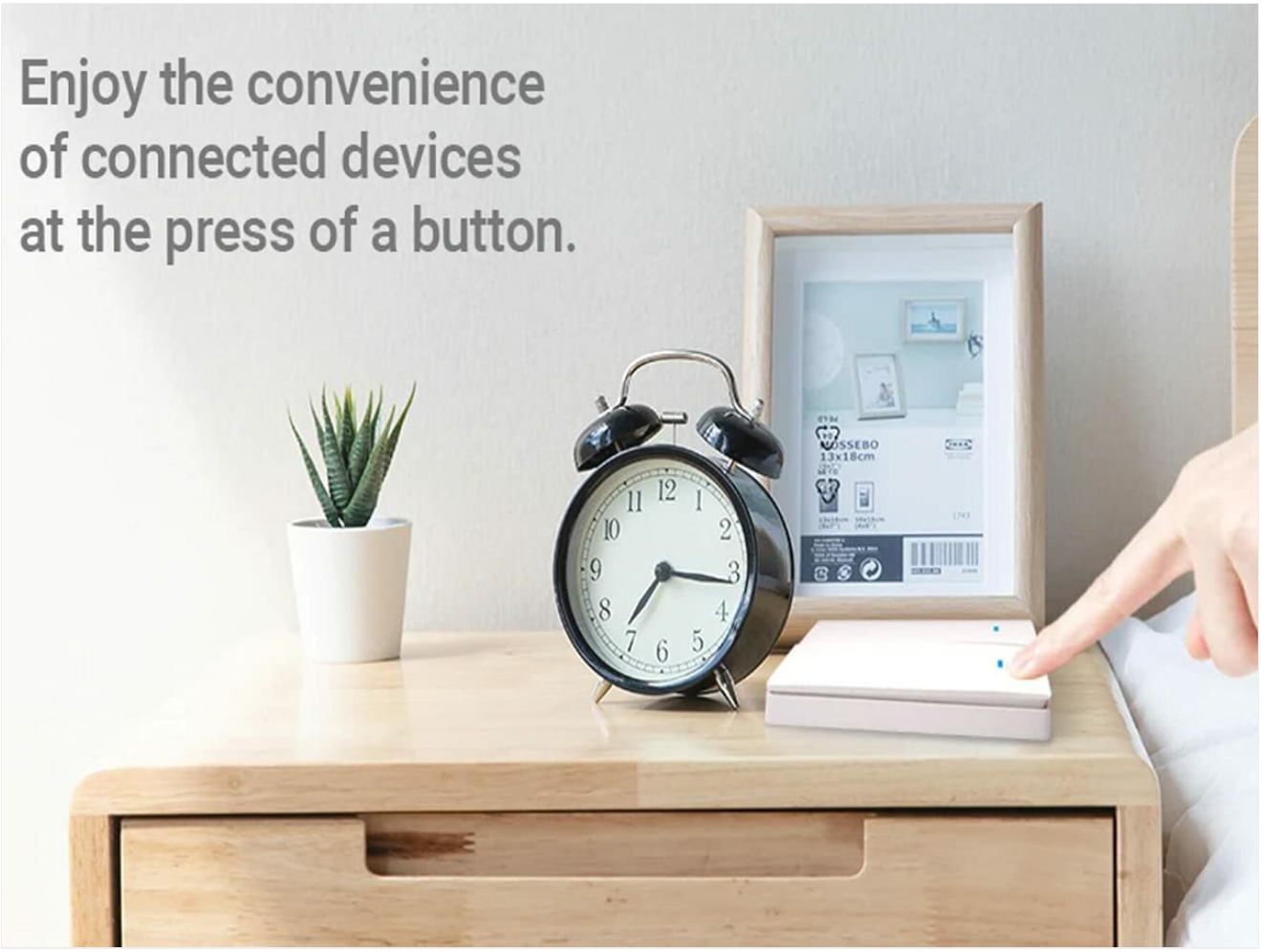

Figure 6: Enjoy the convenience of connected devices at the press of a button.

5. Maintenance

5.1. Battery Replacement

When the indicator light on the switch no longer responds or the device becomes unresponsive, it may be time to replace the CR2032 battery. Follow the steps in Section 3.1 for battery installation.

5.2. Cleaning

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

6. Troubleshooting

- **Device not responding:** Check if the CR2032 battery needs replacement. Ensure the ZigBee Hub Gateway is online and functioning correctly.
- **Cannot pair with ZigBee Hub:** Ensure the switch is in pairing mode (indicator light blinking). Verify the ZigBee Hub

is in device search mode. Move the switch closer to the hub during pairing.

- **Scene not activating:** Double-check the scene configuration in the Tuya Smart/Smart Life app. Ensure the scene is correctly assigned to the button action. Verify that the devices within the scene are online and responsive.
- **Indicator light not blinking:** If the indicator light does not blink when holding a button, the battery might be depleted or incorrectly installed.

7. Specifications

Specification	Value
Model	SHZ3543
Brand	LEDLUX
Connectivity Type	Wireless
Connection Protocol	ZigBee
Control Method	Remote, App (Tuya, Smart Life)
Number of Positions	9 (scenes)
Power Source	CR2032 Battery (not included)
Item Dimensions (LxWxH)	8.6 x 8.5 x 1.5 cm
Item Weight	63 Grams
Material	Plastic, Brass (contact material)
Color	White
Actuator Type	Push Button
Mounting Type	Surface Mount
Current Rating	1 Ampere
Wattage	230 watts

8. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact LEDLUX customer service. Keep your proof of purchase for any warranty claims.