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> Martin Jerry Smart Switch User Manual

## Martin Jerry MJ-S01

# Martin Jerry Smart Switch User Manual

Model: MJ-S01

## 1. INTRODUCTION

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Thank you for choosing the Martin Jerry Smart Switch. This single-pole smart wall switch is designed to seamlessly integrate into your smart home ecosystem, offering convenient control of your lighting and other devices. It supports voice control via Amazon Alexa and Google Home, and remote control through the Smart Life App. This manual provides essential information for safe installation, setup, operation, and maintenance of your new smart switch.

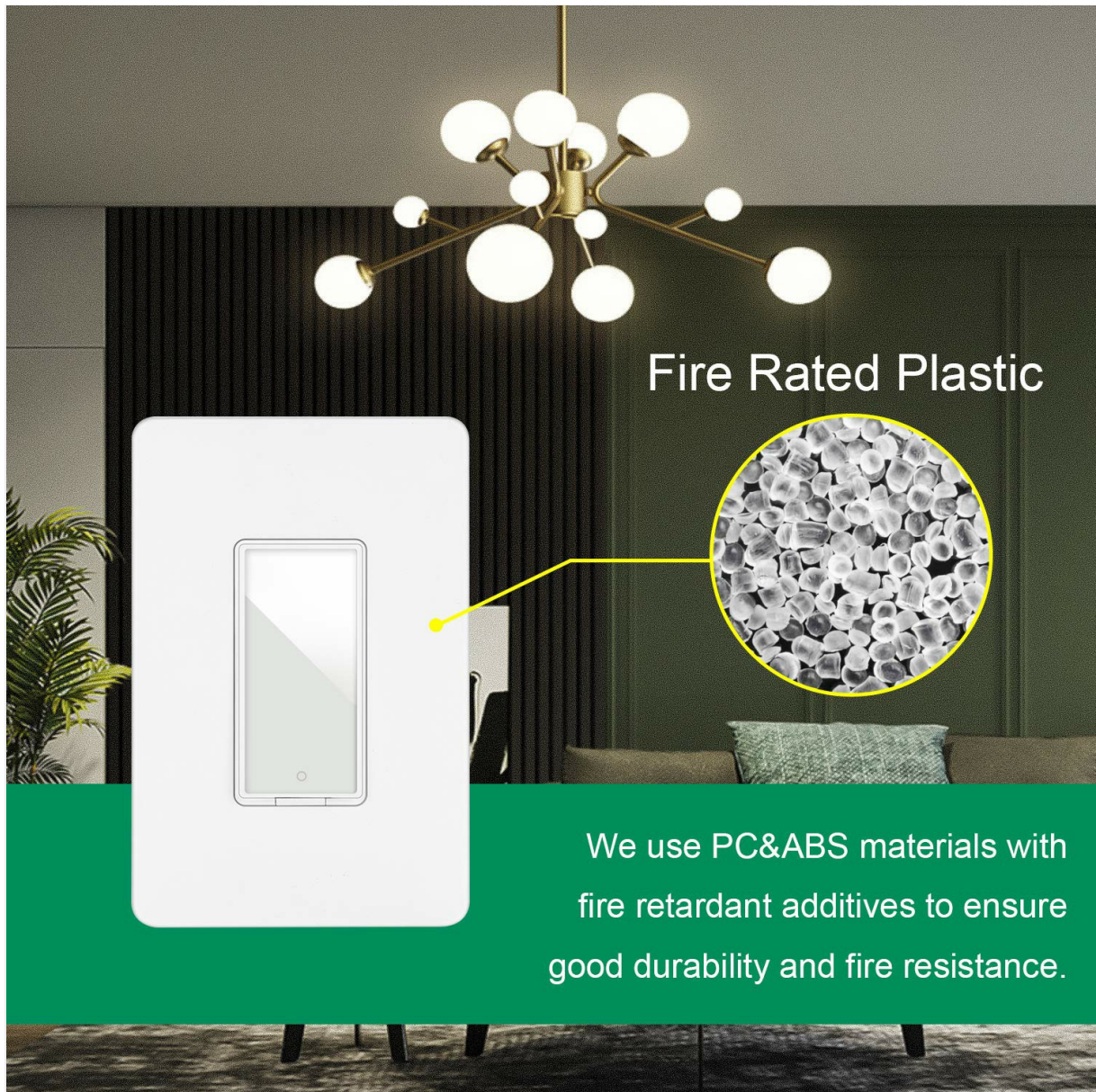
## 2. PRODUCT FEATURES

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- **Smart Control:** Works with Amazon Alexa and Google Home for voice commands.
- **Remote Access:** Control devices from anywhere using the Smart Life App on your smartphone.
- **Automation:** Set schedules, timers, and create smart scenes based on sunset/sunrise or other conditions via the Smart Life App.
- **Durable Construction:** Built with PC&ABS fire retardant materials for enhanced safety and longevity.
- **Long Lifespan:** Relay (15A) and switch buttons are tested for over 100,000 operations, ensuring reliable performance for years.
- **Traditional Functionality:** Operates as a standard wall switch for manual control.



Figure 2.1: Martin Jerry Smart Switch and its packaging, highlighting compatibility with Google Assistant and Amazon Alexa.

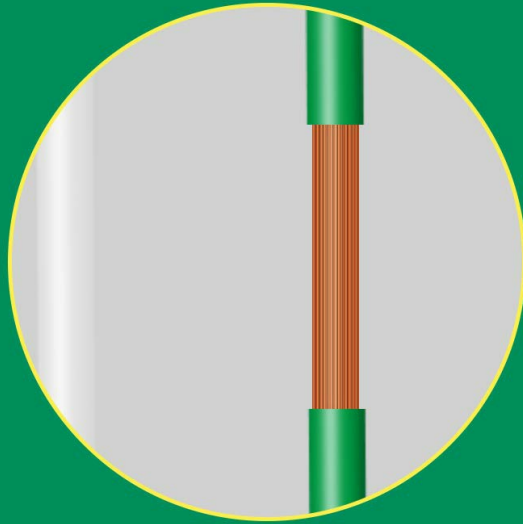


## Fire Rated Plastic

We use PC&ABS materials with fire retardant additives to ensure good durability and fire resistance.

Figure 2.2: Illustration showing the use of PC&ABS fire retardant materials in the smart switch for durability and fire resistance.

## LARGE CROSS-SECTION STRANDED COPPER CORE



The wires on this switch has a good performance in a high power situation.

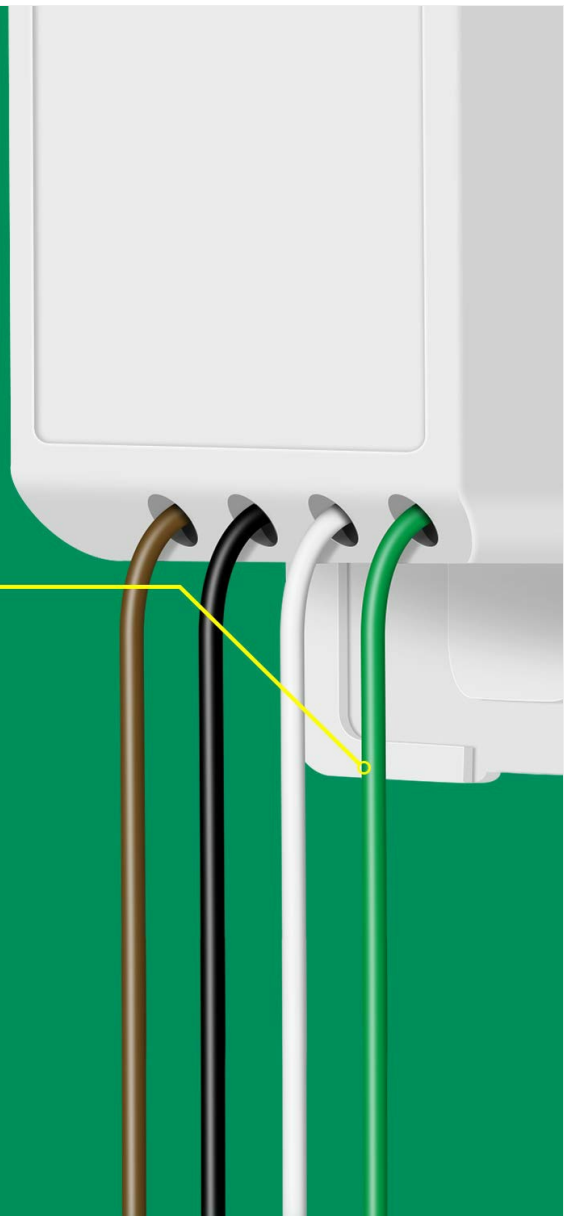


Figure 2.3: Diagram illustrating the large cross-section stranded copper core wiring within the switch, designed for high power situations.



**Switch Button Life-Span Test**

**100,000** times

It will work **27 years** as you press 10 times a day.

Figure 2.4: Visual representation of the switch button life-span test, indicating a durability of 100,000 times, equivalent to 27 years with 10 presses per day.



Figure 2.5: Image of an aging test chamber, indicating that all products undergo a 100% aging test with high power loading to ensure reliability.

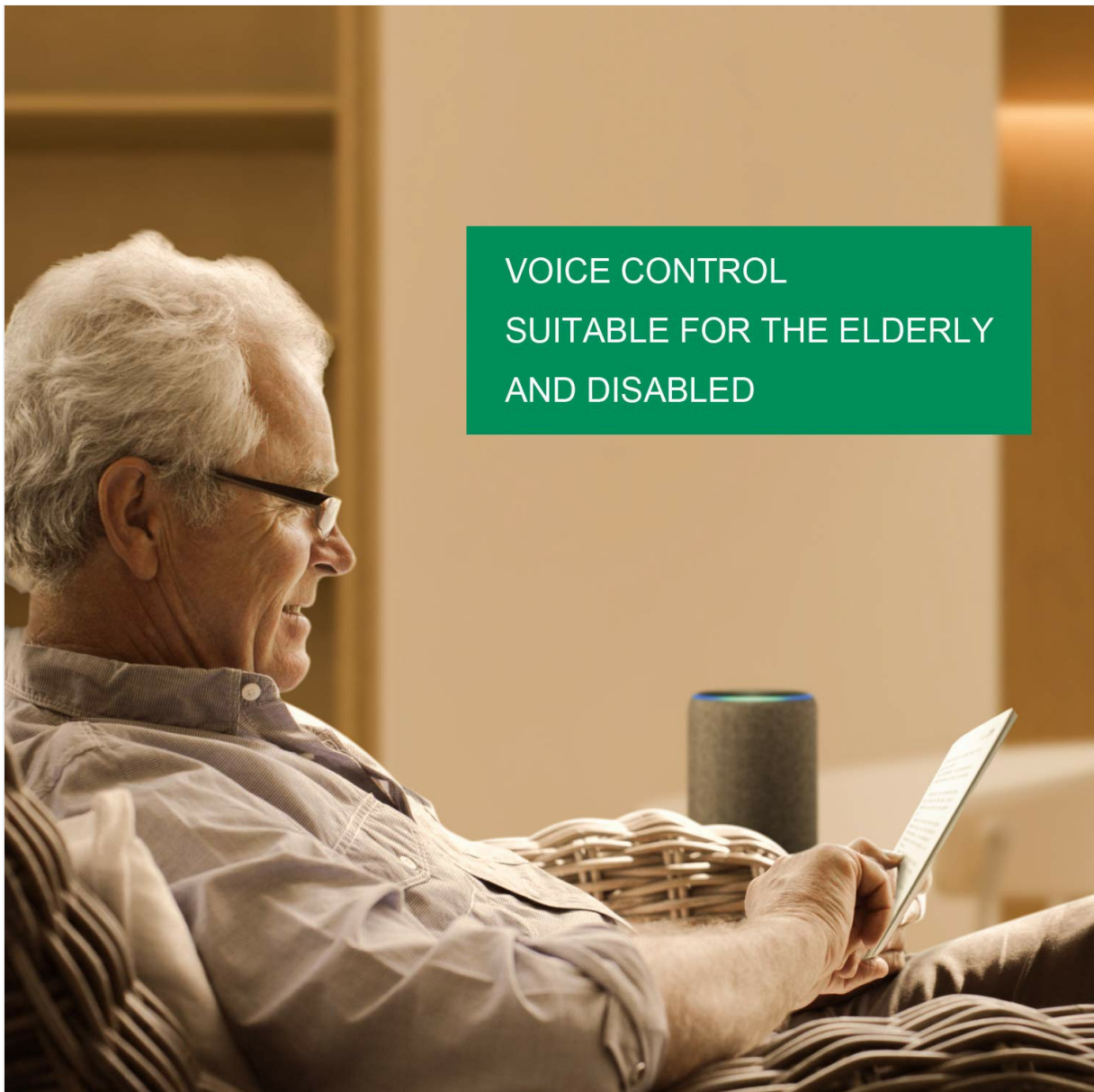


Figure 2.6: An elderly person using voice control with a smart speaker, demonstrating the accessibility of the smart switch for all users.

### 3. SAFETY INFORMATION

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- For indoor dry locations use only.
- Ensure power is OFF at the circuit breaker before installation.
- Installation should be performed by a qualified electrician if you are unsure.
- This switch requires a neutral wire for operation.
- Only connect to a 2.4GHz Wi-Fi network. 5GHz networks are not supported.
- This is a single-pole switch and is not compatible with 3-way or multi-way switch configurations.

### 4. INSTALLATION

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Before beginning installation, ensure you have the necessary tools: screwdriver, wire strippers, voltage tester, and electrical tape.

1. **Turn Off Power:** Locate the circuit breaker that controls the switch you are replacing and turn it OFF. Verify power is off using a voltage tester.

2. **Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box.
3. **Identify Wires:** Identify the Line (hot), Load, Neutral, and Ground wires. The Martin Jerry Smart Switch requires a neutral wire.
  - **Line Wire:** Typically black, carries power from the circuit breaker.
  - **Load Wire:** Typically black, carries power to the light fixture or device.
  - **Neutral Wire:** Typically white, provides a return path for current. This is essential for the smart switch.
  - **Ground Wire:** Typically green or bare copper, for safety.
4. **Connect New Switch:** Connect the wires from your wall box to the corresponding wires on the Martin Jerry Smart Switch using wire nuts.
  - Connect the Line wire to the Line terminal on the smart switch.
  - Connect the Load wire to the Load terminal on the smart switch.
  - Connect the Neutral wire to the Neutral terminal on the smart switch.
  - Connect the Ground wire to the Ground terminal on the smart switch.
5. **Mount Switch:** Carefully push the connected wires back into the wall box and secure the smart switch with screws.
6. **Install Wall Plate:** Attach the new wall plate.
7. **Restore Power:** Turn the power back ON at the circuit breaker.

If you encounter any difficulties or are unsure about wiring, please contact our tech support team with photos of your wiring for assistance.

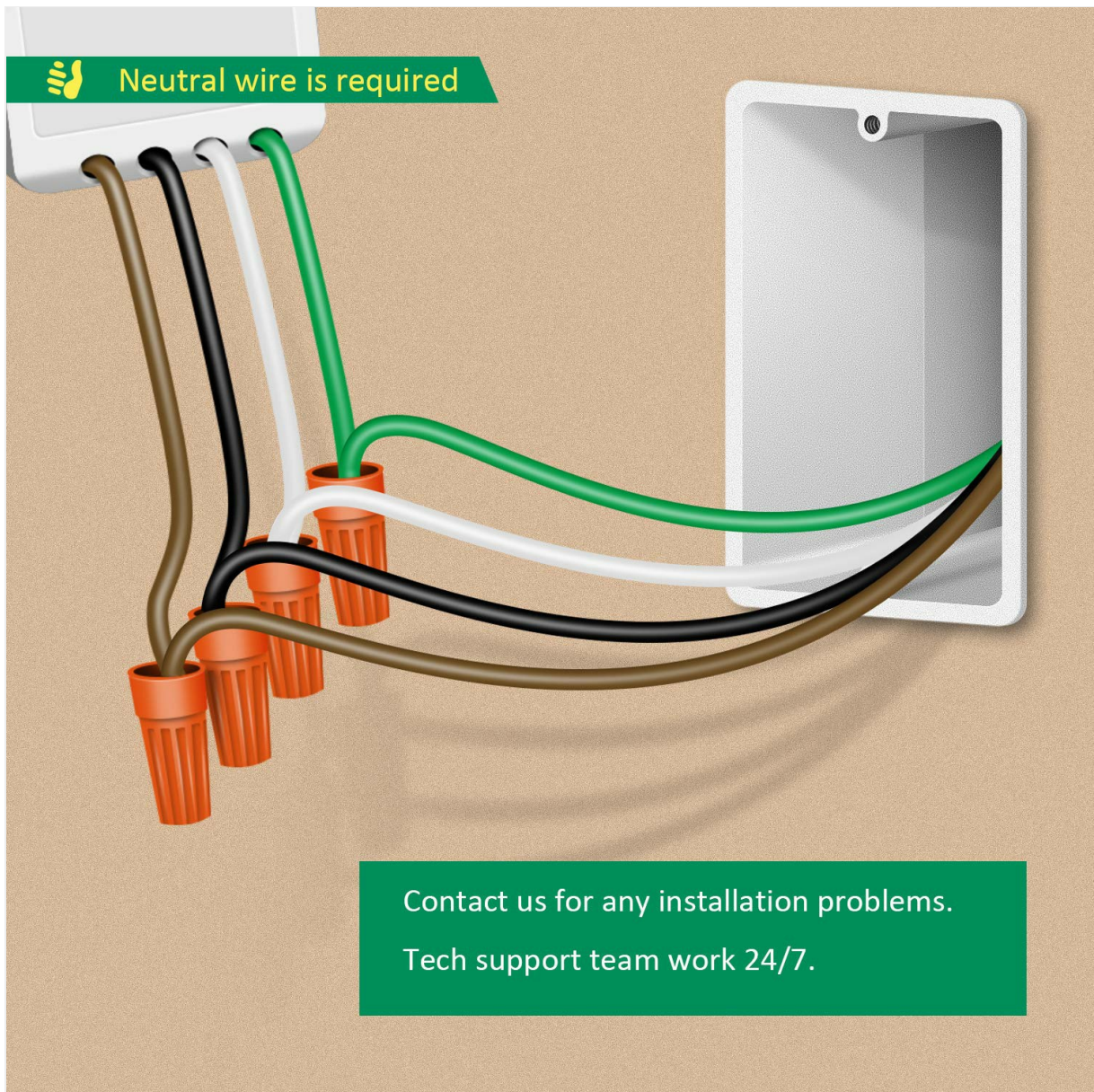


Figure 4.1: Diagram showing the required neutral wire connection for the smart switch installation.

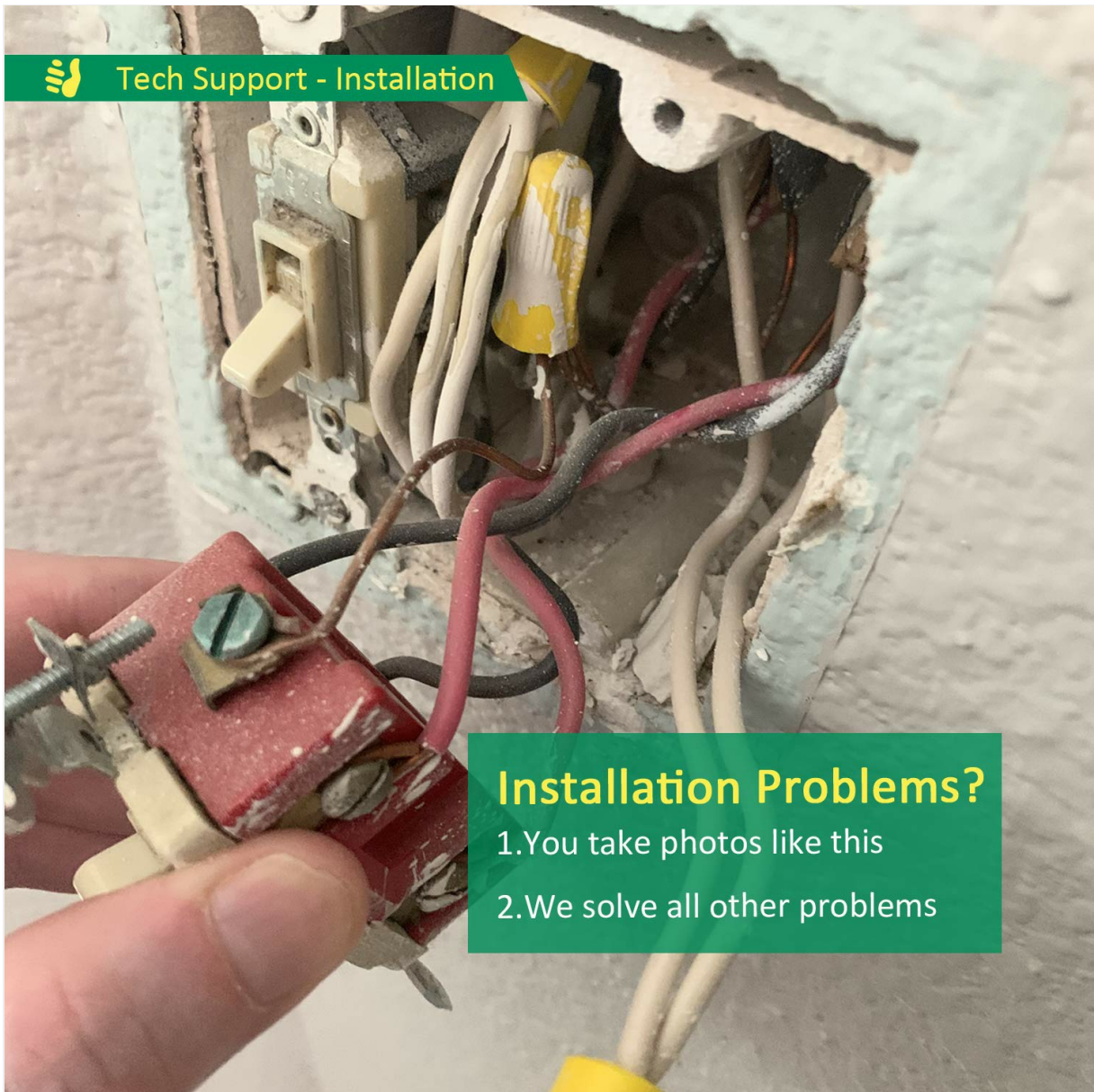


Figure 4.2: Example of existing wiring in a wall box. For installation problems, taking photos like this can help our tech support team.

## 5. SETUP (APP & VOICE CONTROL)

### 5.1 Smart Life App Setup

1. **Download App:** Download the "Smart Life" app from the App Store (iOS) or Google Play Store (Android).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:** Tap the "+" icon in the top right corner to add a device. Select "Electrical" then "Switch (Wi-Fi)".
4. **Enter Wi-Fi Details:** Ensure your phone is connected to a 2.4GHz Wi-Fi network. Enter your Wi-Fi password.
5. **Pairing Mode:** On the smart switch, press and hold the main button for 5-10 seconds until the indicator light blinks rapidly. This indicates pairing mode.
6. **Connect:** In the app, confirm the indicator is blinking rapidly and proceed. The app will search for and connect to the switch.
7. **Rename Device:** Once connected, you can rename the switch (e.g., "Living Room Light") for easier

control.

## 5.2 Voice Control Setup (Alexa/Google Home)

To enable voice control, you need to link your Smart Life account to your Amazon Alexa or Google Home app.

### For Amazon Alexa:

1. Open the Amazon Alexa app.
2. Go to "Skills & Games".
3. Search for "Smart Life" and enable the skill.
4. Link your Smart Life account when prompted.
5. Discover devices (Alexa will automatically find your smart switch).
6. You can now control your switch with commands like, "Alexa, turn on Living Room Light."

### For Google Home:

1. Open the Google Home app.
2. Tap "+" > "Set up device" > "Works with Google".
3. Search for "Smart Life" and link your account.
4. Assign your smart switch to a room for better organization.
5. You can now control your switch with commands like, "Hey Google, turn off Living Room Light."

## 6. OPERATION

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### 6.1 Manual Control

Press the physical button on the smart switch to manually turn the connected device ON or OFF. The indicator light on the switch will typically illuminate when the device is ON.

### 6.2 App Control

Open the Smart Life App, select your smart switch from the device list, and tap the ON/OFF toggle to control the connected device remotely.

### 6.3 Voice Control

Once integrated with Alexa or Google Home, use voice commands to control your switch. Examples:

- "Alexa, turn on the kitchen light."
- "Hey Google, turn off the bedroom fan."
- "Alexa, set the living room light to 50%." (Note: This switch is not a dimmer, so percentage commands will likely result in on/off.)

### 6.4 Automation and Schedules

Within the Smart Life App, you can create various automations:

- **Schedules:** Set specific times for the switch to turn ON or OFF daily or on selected days.
- **Timers:** Set a countdown timer for the switch to turn OFF after a certain duration.
- **Scenes:** Create custom scenes that control multiple smart devices with a single tap or voice

command.

- **Automation:** Set conditions (e.g., sunset, sunrise, temperature, device status) to trigger the switch ON or OFF automatically.

## 7. MAINTENANCE

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- **Cleaning:** Wipe the switch and wall plate with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the Smart Life App for available firmware updates to ensure optimal performance and security.
- **Network Stability:** Ensure your 2.4GHz Wi-Fi network is stable and strong in the area of the switch for consistent performance.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Switch not responding to app/voice.	No Wi-Fi connection, incorrect Wi-Fi password, 5GHz network, switch offline.	<ul style="list-style-type: none"><li>• Ensure your router is broadcasting a 2.4GHz signal.</li><li>• Check Wi-Fi password in the app.</li><li>• Restart your Wi-Fi router.</li><li>• Re-pair the switch with the Smart Life App.</li></ul>
Indicator light not blinking during pairing.	Not in pairing mode.	Press and hold the main button for 5-10 seconds until the light blinks rapidly.
Switch does not turn ON/OFF manually.	Incorrect wiring, no power to the switch.	<ul style="list-style-type: none"><li>• Verify power at the circuit breaker.</li><li>• Double-check all wiring connections (Line, Load, Neutral, Ground). Ensure neutral wire is connected.</li><li>• Contact tech support with wiring photos if issues persist.</li></ul>
Voice commands not working.	Smart Life skill not enabled/linked, incorrect device name.	<ul style="list-style-type: none"><li>• Ensure Smart Life skill is enabled and linked in your Alexa/Google Home app.</li><li>• Verify the device name in the Smart Life app matches what you are saying.</li><li>• Discover devices again in your voice assistant app.</li></ul>

## 9. SPECIFICATIONS

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<b>Model Number</b>	MJ-S01
<b>Brand</b>	Martin Jerry
<b>Current Rating</b>	15 Amps

<b>Operating Voltage</b>	240 Volts
<b>Operation Mode</b>	ON-OFF-ON
<b>Circuit Type</b>	1-way (Single-Pole)
<b>Product Dimensions (L x W x H)</b>	5.04 x 3.31 x 1.29 inches
<b>Weight</b>	6.38 ounces
<b>Connectivity</b>	2.4GHz Wi-Fi (IEEE 802.11 b/g/n)
<b>Material</b>	PC&ABS Fire Retardant

## 10. WARRANTY AND SUPPORT

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### 10.1 Warranty Information

Martin Jerry offers a **1-year Quality Warranty** from the date of purchase for this product. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

Additionally, we offer a **90-Day 100% Refund** policy if you are not completely satisfied with your purchase.

### 10.2 Technical Support

Our professional tech support team is available 24/7 to assist you with any questions or issues you may encounter. Emails will be replied to within 12 hours.

#### Contact Information:

- For support, please refer to the contact details provided on your product packaging or the official Martin Jerry website.
- When contacting support for installation issues, please provide photos of your wiring for faster assistance.



# Tech Support 24/7

We have a strong tech support team and ticket system to follow up and solve your tech queries



Figure 10.1: Martin Jerry offers 24/7 tech support with a strong team and ticket system to address user queries promptly.