

## Martin Jerry Smart Dimmer Switch

# Martin Jerry Smart Dimmer Switch User Manual

Model: Smart Dimmer Switch

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Martin Jerry Smart Dimmer Switch. This device allows you to control your lighting remotely via the SmartLife App, or through voice commands with Amazon Alexa and Google Assistant. It is designed for single-pole applications and supports mains dimming for compatible incandescent, dimmable LED, and CFL bulbs.

## 2. SAFETY INFORMATION

**WARNING:** Risk of Electric Shock. Improper installation can be dangerous or illegal. Consult a qualified electrician if you are unfamiliar with electrical wiring.

- Ensure power is OFF at the circuit breaker before installation.
- A neutral wire is required for this device to function.
- This switch is for single-pole use only and does not support 3-way or multi-way switching.
- Only compatible with 2.4GHz Wi-Fi networks. 5GHz Wi-Fi is not supported.
- Supports Mains Dimming ONLY. Not compatible with 0-10V, PWM, Dila, or D-Max dimming systems.
- Compatible bulb types: Incandescent (up to 400W), Mains Dimming LED (up to 150W), and CFL (up to 150W). Ensure your bulbs are dimmable.
- The switch is made with PC&ABS materials with fire retardant additives for safety.



The Martin Jerry Smart Dimmer Switch is constructed with fire-rated PC&ABS materials for enhanced safety and durability.

### 3. PACKAGE CONTENTS

- Martin Jerry Smart Dimmer Switch (2-pack)
- Wall Plate
- Wire Nuts
- Screws
- User Manual

### 4. SPECIFICATIONS

<b>Brand</b>	Martin Jerry
<b>Model</b>	Smart Dimmer Switch
<b>Operation Mode</b>	Off, Smart Switch
<b>Current Rating</b>	10 Amps
<b>Operating Voltage</b>	10 Volts
<b>Contact Type</b>	Normally Open
<b>Switch Type</b>	Dimmer
<b>Terminal</b>	SPST
<b>Material</b>	Acrylonitrile Butadiene Styrene (PC&ABS)
<b>Item Dimensions (L x W x H)</b>	5.04 x 3.31 x 1.3 inches
<b>Circuit Type</b>	1-way
<b>Mounting Type</b>	Pole
<b>Actuator Type</b>	Push Button
<b>Controller Type</b>	Voice Control, App Control, Manually Control
<b>Control Method</b>	Remote

<b>Connectivity Protocol</b>	Wi-Fi (2.4GHz only)
<b>Wattage (Incandescent)</b>	400 watts
<b>Wattage (Mains Dimming LED/CFL)</b>	150 watts
<b>Color</b>	White
<b>International Protection Rating</b>	IP54

## 5. SETUP AND INSTALLATION

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Before beginning installation, ensure you have read the safety information. If you are unsure about any steps, consult a qualified electrician.

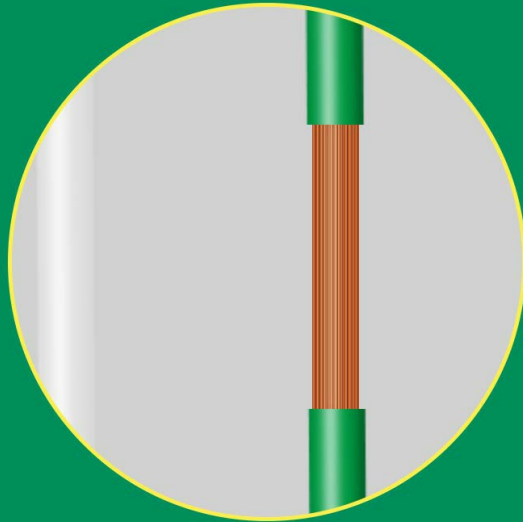
### 5.1 Wiring the Smart Dimmer Switch

1. **Turn off power:** Locate your circuit breaker and turn off the power to the switch you are replacing. Verify power is off using a voltage tester.
2. **Remove old switch:** Carefully remove the existing wall plate and switch from the wall box.
3. **Identify wires:**
  - **Line Wire (Live):** Carries power from the circuit breaker.
  - **Load Wire:** Carries power to the light fixture.
  - **Neutral Wire:** Required for the smart switch. Typically white.
  - **Ground Wire:** Typically bare copper or green.

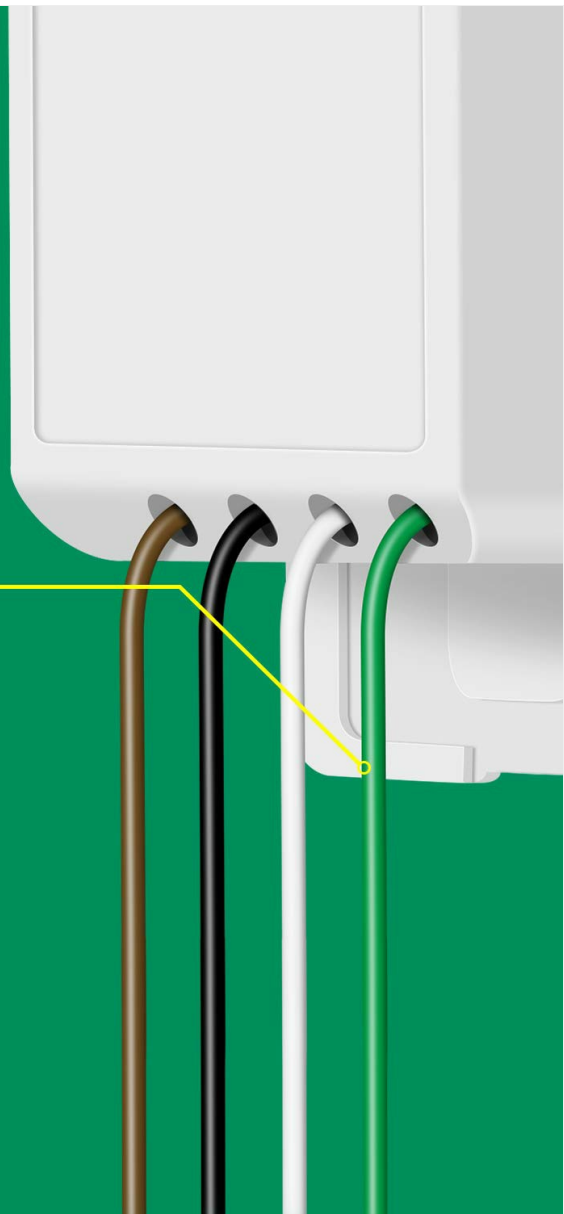
*Note: If you do not have a neutral wire in your wall box, this smart dimmer switch is not compatible.*

4. **Connect the new switch:** Connect the wires from the wall box to the corresponding wires on the Martin Jerry Smart Dimmer Switch using wire nuts.
  - Connect the **Line** wire to the switch's Line wire.
  - Connect the **Load** wire to the switch's Load wire.
  - Connect the **Neutral** wire to the switch's Neutral wire.
  - Connect the **Ground** wire to the switch's Ground wire.
5. **Mount the switch:** Carefully push the wired switch back into the wall box. Secure it with screws and attach the wall plate.
6. **Restore power:** Turn the power back on at the circuit breaker.

## LARGE CROSS-SECTION STRANDED COPPER CORE



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



Typical wiring diagram for the Smart Dimmer Switch. Ensure correct wire identification before connecting.



The switch features large cross-section stranded copper core wires for reliable performance in high-power situations.

### 5.2 App Installation and Wi-Fi Pairing

1. **Download the SmartLife App:** Search for "SmartLife" in the Apple App Store or Google Play Store and download the app.
2. **Register/Log In:** Open the app and register a new account or log in with an existing one.

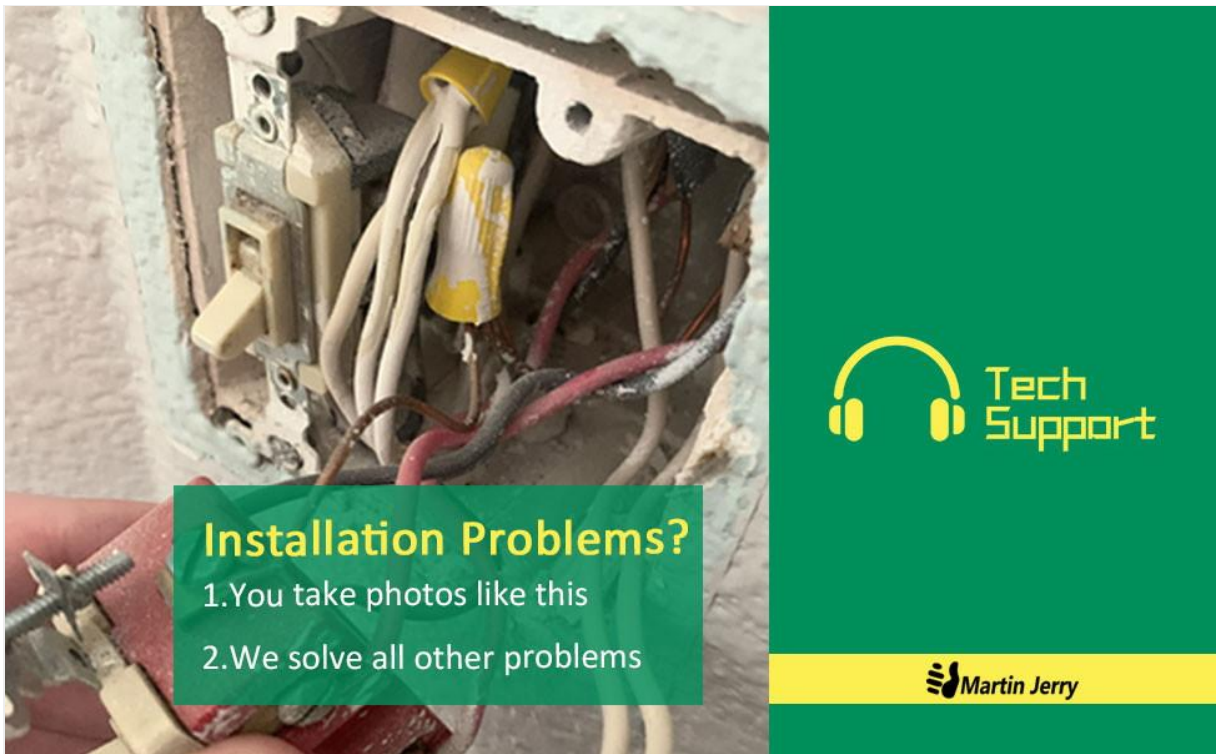
### 3. Add Device:

- Tap the "+" icon in the top right corner to add a device.
- Select "Lighting" -> "Dimmer Switch (Wi-Fi)".
- Follow the in-app instructions to put the switch into pairing mode (usually by pressing and holding the main button until the indicator light blinks rapidly).
- Enter your 2.4GHz Wi-Fi network name and password.
- The app will connect to the switch. Once connected, you can rename the switch.



**Switch Button Life-Span Test**  
**100,000** times  
It will work **27** years as you press 10 times a day.

The SmartLife App provides comprehensive control over your dimmer switch, including brightness adjustment and scheduling.



The Martin Jerry Smart Dimmer Switch requires a 2.4GHz Wi-Fi network for connectivity.

Your browser does not support the video tag.

Video demonstrating the physical operation of the Martin Jerry Smart Dimmer Switch, showing how to turn lights on/off and adjust brightness manually.

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Official video from Martin Jerry demonstrating the Smart Dimmer Switch, its features, and compatibility with smart home systems like Alexa and Google Assistant.

### 5.3 Voice Assistant Integration

To integrate with Amazon Alexa or Google Assistant:

1. Open your Alexa or Google Home app.
2. Navigate to the "Skills" or "Works with Google" section.
3. Search for and enable the "Smart Life" skill.
4. Link your Smart Life account using your Smart Life app credentials.
5. Discover devices. Your Martin Jerry Smart Dimmer Switch should now appear and be controllable via voice commands.



The Smart Dimmer Switch seamlessly integrates with Amazon Alexa and Google Assistant for convenient voice control.

## 6. OPERATING INSTRUCTIONS

### 6.1 Manual Control

The Martin Jerry Smart Dimmer Switch features physical buttons for direct control, even without an internet connection.

- **Turn On/Off:** Press the main paddle switch to toggle the lights on or off.
- **Adjust Brightness:** Use the smaller up/down buttons on the side of the paddle to increase or decrease light brightness.



Physical buttons allow for manual control of the dimmer switch, ensuring functionality even if Wi-Fi is unavailable.



The switch features LED indicators to show the current dimming level.

## 6.2 App Control

Using the SmartLife App, you can control your lights from anywhere with an internet connection.

- **On/Off:** Tap the switch icon in the app to turn lights on or off.
- **Dimming:** Use the slider in the app to adjust the brightness level.
- **Scheduling:** Set schedules for your lights to turn on/off or dim at specific times.
- **Scenes:** Create custom scenes for different moods or activities.
- **Sharing:** Share control of your smart switch with family members.
- **Brightness Memory:** The switch remembers the last brightness setting when turned off and on.
- **Soft On & Soft Off:** Provides a comfortable visual effect when lights are turned on or off.

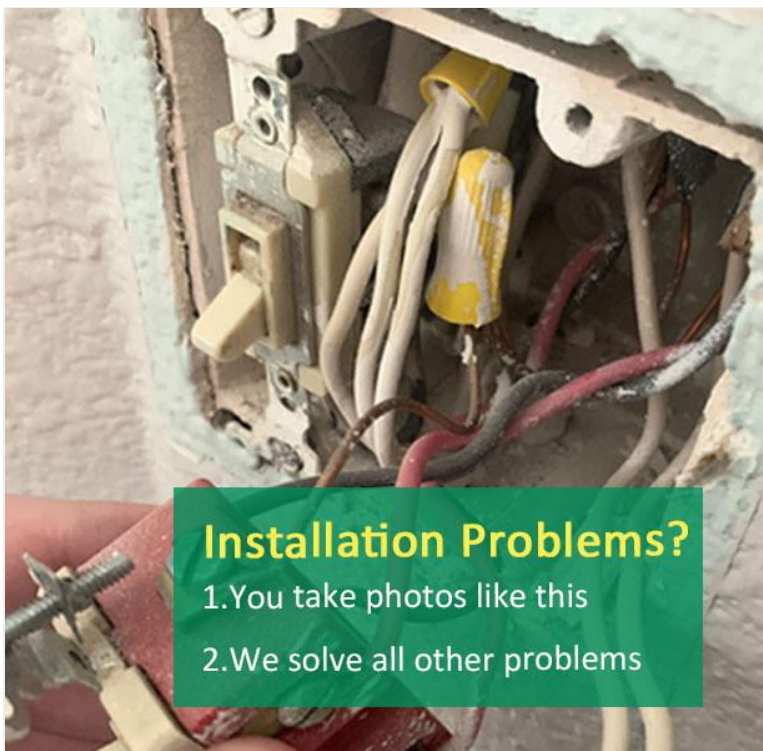


## Switch Button Life-Span Test

100,000<sup>times</sup>

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

The SmartLife App allows for precise dimming control and advanced scheduling features.



### Installation Problems?

1. You take photos like this
2. We solve all other problems



Automate your lighting by setting schedules to match local sunrise and sunset times.

## 6.3 Voice Control

Once integrated with Alexa or Google Assistant, use simple voice commands to control your lights.

- "Alexa, turn on [Light Name]"
- "Hey Google, turn off [Light Name]"
- "Alexa, set [Light Name] to 50%"
- "Hey Google, dim [Light Name]"

## 7. MAINTENANCE

- Clean the switch and wall plate with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically check the connections for any loose wires. Ensure power is off at the breaker before checking.
- Ensure your Wi-Fi network is stable for optimal performance.



The switch buttons are tested for durability, ensuring a long operational lifespan.



All Martin Jerry Smart Dimmer Switches undergo a 100% aging test with high power loading to ensure reliability.

## 8. TROUBLESHOOTING

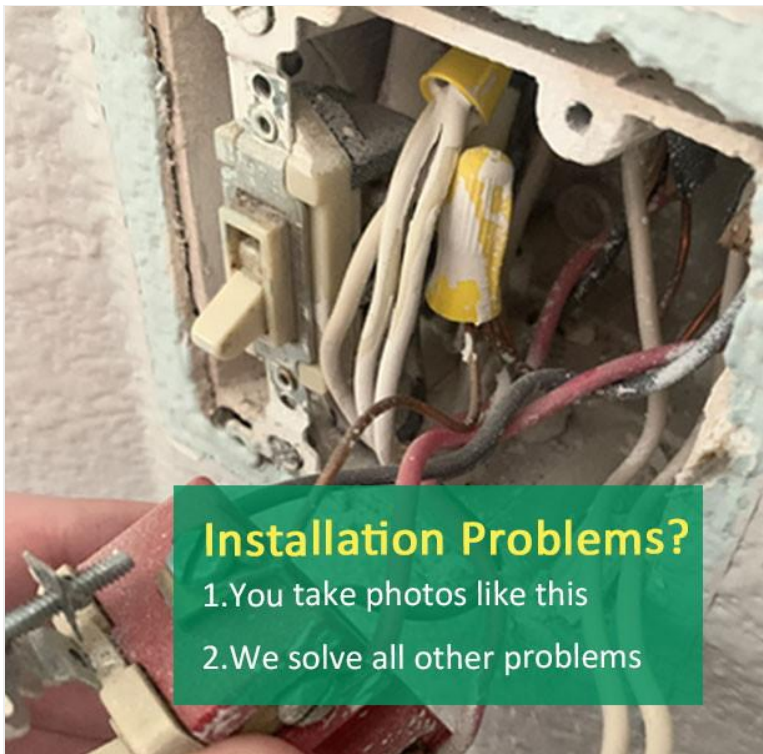
- **Switch not powering on:**
  - Check if the circuit breaker is ON.
  - Verify that the neutral wire is correctly connected. A neutral wire is essential for this switch.

- Ensure all wire connections are secure.
- **Lights not dimming or flickering:**
  - Confirm that your light bulbs are explicitly labeled as "dimmable." Non-dimmable bulbs will not work correctly with a dimmer switch and may flicker or be damaged.
  - Ensure the bulbs are compatible with Mains Dimming (not 0-10V, PWM, etc.).
  - Check the total wattage of your bulbs does not exceed 400W for incandescent or 150W for LED/CFL.



Ensure your bulbs are dimmable and compatible with the switch's mains dimming technology.

- **Cannot connect to Wi-Fi / App:**
  - Ensure your Wi-Fi network is 2.4GHz. The switch does not support 5GHz networks.
  - Check your Wi-Fi password for accuracy.
  - Make sure your phone is connected to the 2.4GHz Wi-Fi network during pairing.
  - Move closer to your Wi-Fi router during the pairing process.
  - Try resetting the switch to factory settings (refer to the app for specific instructions, usually a long press).
- **Voice control not working:**
  - Verify that the "Smart Life" skill is enabled in your Alexa or Google Home app and linked to your Smart Life account.
  - Ensure the device name in the Smart Life app matches the name you are using for voice commands.
  - Check your internet connection.



## Installation Problems?

1. You take photos like this
2. We solve all other problems



For installation problems, take photos of your wiring and contact Martin Jerry support for assistance.

## 9. WARRANTY AND SUPPORT

Martin Jerry offers a 90-day 100% refund policy and a 1-year quality warranty for its smart home devices. For technical support or warranty claims, please contact Martin Jerry customer service.

- **Manufacturer:** MJ
- **Seller:** Martin Jerry
- **Support:** Refer to the contact information provided with your product or visit the official Martin Jerry website for 24/7 technical support.



Martin Jerry provides 24/7 technical support to assist with any queries or issues.

