Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Milfra Smart Dimmer Switch-2 Gang

Milfra Smart Dimmer Switch (2-Gang, Digital Display) User Manual

Model: Smart Dimmer Switch-2 Gang
Brand: Milfra

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Milfra Smart Dimmer Switch (2-Gang, Digital Display). Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Key Features:

- **Digital Display:** Intuitive interface for brightness indication.
- **Versatile Compatibility:** Supports Single-Pole, 3-Way, and 4-Way wiring configurations.
- **Smart Control:** Works with the Smart Life app for remote control and scheduling.
- **Voice Assistant Integration:** Compatible with Siri, Alexa, and Google Home for convenient voice commands.
- **Smooth Dimming:** Offers 1%-100% dimming capability for adjustable light intensity.



Image 1.1: Milfra Smart Dimmer Switch (2-Gang) and its accompanying mobile application interface.

2. Safety Information

WARNING: Risk of Electric Shock. Improper installation can lead to serious injury or death. Always consult a qualified electrician if you are unsure about any part of the installation process. Turn off power at the circuit breaker before installation.

- **Neutral Wire Required:** This smart dimmer switch requires a neutral wire for operation. If your electrical box does not have a neutral wire, this switch is not compatible.
- **2.4 GHz Wi-Fi Only:** The switch connects to 2.4 GHz Wi-Fi networks. It is not compatible with 5 GHz Wi-Fi networks.
- **Compatible Bulb Types:** This dimmer switch is designed for use with non-smart dimmable LED/CFL bulbs (max 150W) and incandescent/halogen bulbs (max 450W). Do not use with non-dimmable bulbs or smart bulbs.
- **Indoor Use Only:** This device is intended for indoor use in dry locations.
- **Operating Voltage:** 120 Volts AC, 60 Hz.

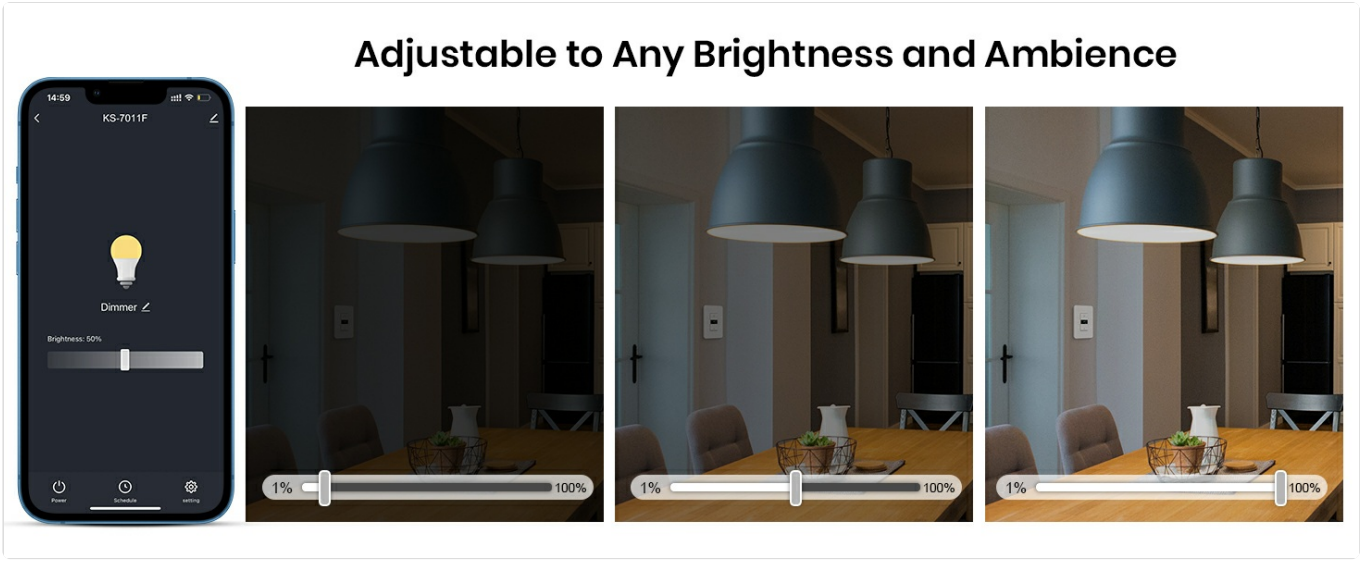


Image 2.1: Important considerations for compatibility and wiring before installation.

3. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- Milfra Smart Dimmer Switch (2-Gang)
- 1-Gang Face Plate (x2)
- Screws (x4)
- Wire Nuts (x10)
- User Manual (this document)
- Single Pole Label (x2)
- 4 Way / 3 Way Label (x2)

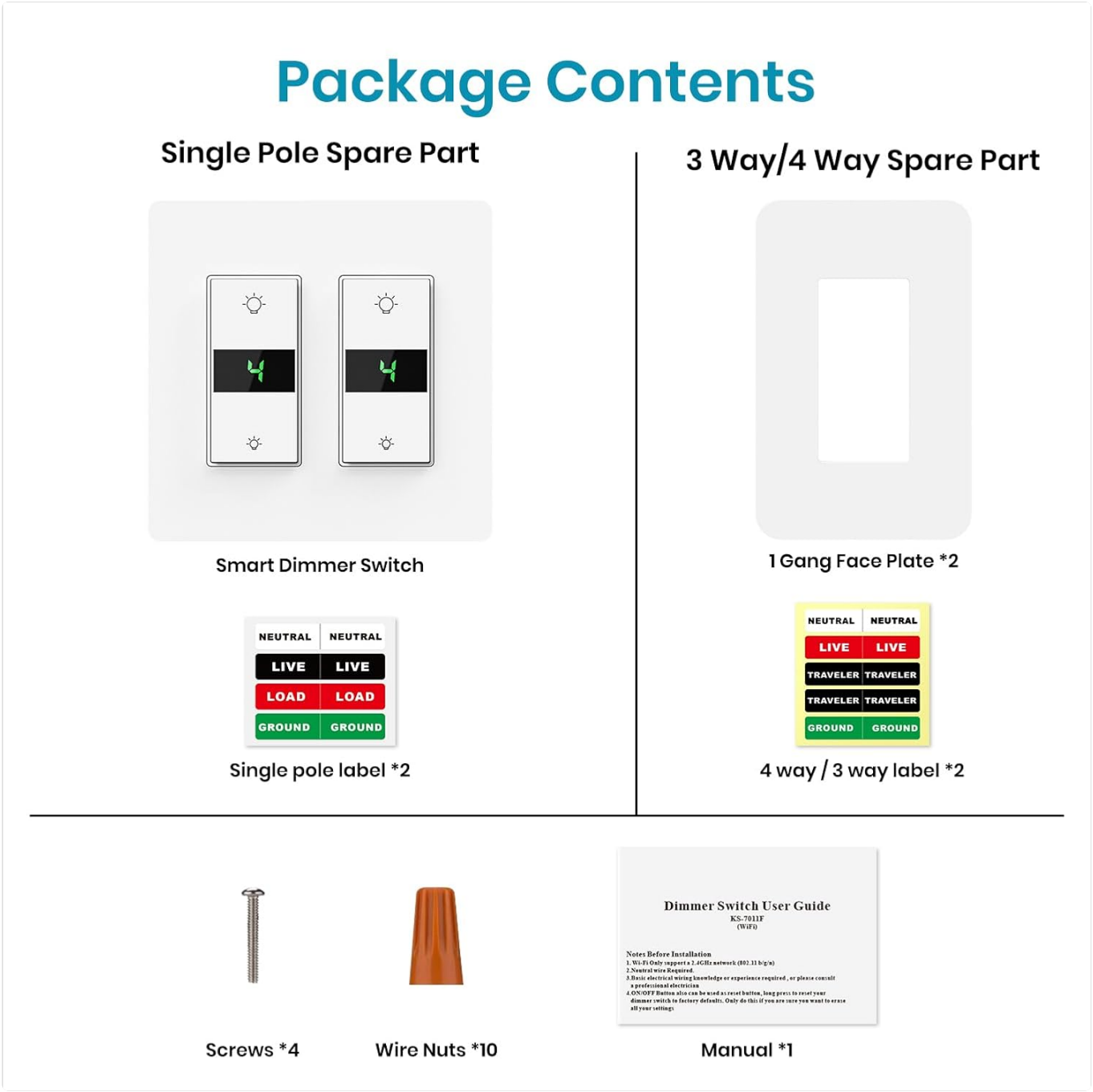


Image 3.1: Contents included in the product package.

4. Specifications

Feature	Specification
Product Dimensions	0.54 x 3.94 x 2.64 inches
Weight	14.39 ounces
Model Number	Smart Dimmer Switch-2 Gang
Operation Mode	ON-OFF-ON
Current Rating	10 Amps
Operating Voltage	120 Volts

Feature	Specification
Contact Type	Normally Closed
Connector Type	Clamp
Terminal	Screw
Circuit Type	3-way (compatible with Single-Pole, 3-Way, 4-Way)
Actuator Type	Touch
Manufacturer	Milfra



Image 4.1: Product dimensions and wiring diagram.

5. Installation (Setup)

Before beginning installation, ensure you have read the safety information in Section 2. It is highly recommended to consult a qualified electrician if you are unfamiliar with electrical wiring.

Pre-Installation Checklist:

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. **Neutral Wire:** Confirm that a neutral wire (usually white) is present in your electrical box. This switch requires a neutral wire.
3. **Wi-Fi Network:** Ensure you have a 2.4 GHz Wi-Fi network available.
4. **Compatible Bulbs:** Confirm your light bulbs are dimmable and compatible (non-smart LED/CFL max 150W, incandescent/halogen max 450W).

Wiring Instructions:

The Milfra Smart Dimmer Switch supports Single-Pole, 3-Way, and 4-Way configurations. Refer to the detailed PDF installation guide provided with your product for specific wiring diagrams. General steps include:

1. Remove your existing switch from the wall box.
2. Identify the Line (hot), Load, Neutral, and Ground wires. Use the included labels for identification.
3. Connect the corresponding wires from the wall box to the Milfra Smart Dimmer Switch using the provided wire nuts. Ensure all connections are secure.
4. Carefully push the wired switch back into the wall box.
5. Attach the faceplate.
6. Restore power at the circuit breaker.



Image 5.1: Wiring diagrams for various switch configurations.

6. App Setup and Pairing

To enable smart features, download the Smart Life app and pair your device.

Downloading the App:

Search for "Smart Life" in your smartphone's app store (Apple App Store or Google Play Store) and download the application. Register or log in to your account.

Pairing the Device:

1. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network.
2. Open the Smart Life app and tap the "+" icon to add a device.
3. Select "Lighting" > "Dimmer Switch (Wi-Fi)" or allow the app to auto-discover the device.
4. **Enter Pairing Mode:** Long press the ON/OFF button (touch glass area) on the switch for 7-10 seconds until the digital display flashes. This indicates the switch is in pairing mode.

5. Follow the on-screen instructions in the app to complete the pairing process.



Image 6.1: Button analysis diagram, including reset and pairing instructions.

7. Operating Instructions

Manual Control:

- **ON/OFF:** Press the central touch glass area to turn the lights on or off.
- **Brightness Adjustment:** Press the "Brightness +" button (top light icon) to increase brightness, and the "Brightness -" button (bottom light icon) to decrease brightness. The digital display will show the current brightness level.

App Remote Control:

Once paired with the Smart Life app, you can control your lights from anywhere with an internet connection.

- **Turn On/Off:** Tap the power icon in the app.
- **Adjust Brightness:** Use the dimmer slider in the app to set the desired light intensity (1%-100%).
- **Scheduling:** Set schedules for lights to turn on/off or dim at specific times.



Image 7.1: Remote control via the Smart Life application.

Voice Control:

Integrate your Milfra Smart Dimmer Switch with Amazon Alexa, Google Home, or Siri for hands-free control.

- **Linking Accounts:** Follow the instructions in the Smart Life app to link your account with Alexa, Google Home, or Siri.
- **Voice Commands:** Use commands such as:
  - "Alexa, turn on the living room light."
  - "Hey Google, dim the kitchen light to 50%."
  - "Hey Siri, set the bedroom light to 80%." (Note: Siri commands must be set up as shortcuts in the Home app.)



Image 7.2: Voice control integration with smart assistants.

Adjusting for Light Flickering:

If your lights flicker or turn off during operation at low brightness levels, you may need to adjust the minimum brightness setting within the Smart Life app. Increase the minimum brightness until the flickering stops and the light remains stable.



Image 7.3: App interface for adjusting minimum brightness to prevent flickering.

8. Maintenance

The Milfra Smart Dimmer Switch requires minimal maintenance.

- **Cleaning:** To clean the switch, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as this may damage the device or pose an electrical hazard.
- **Protective Film:** Remove the protective film from the digital display screen after installation for optimal visibility.

9. Troubleshooting

If you encounter issues with your Milfra Smart Dimmer Switch, refer to the following common problems and solutions.

Problem	Possible Cause / Solution
Switch does not power on or respond.	• Ensure power is restored at the circuit breaker. • Verify the neutral wire is correctly connected. This switch requires a neutral wire. • Check all wiring connections for security.
Lights flicker or turn off at low brightness.	• Adjust the minimum brightness setting in the Smart Life app (refer to Section 7). • Ensure you are using dimmable light bulbs. • Confirm bulb compatibility (non-smart LED/CFL max 150W, incandescent/halogen max 450W).

Problem	Possible Cause / Solution
Cannot connect to Wi-Fi or app.	• Ensure your Wi-Fi network is 2.4 GHz. The switch is not compatible with 5 GHz networks. • Verify your phone is connected to the 2.4 GHz network during pairing. • Ensure the switch is in pairing mode (digital display flashing after 7-10 second long press). • Try resetting your router and the switch, then attempt pairing again. • If power was interrupted, the switch may need to be re-paired.
Voice control not working.	• Ensure your Smart Life account is correctly linked to Alexa, Google Home, or Siri. • Check your internet connection. • For Siri, ensure commands are set up as shortcuts in the Home app.
Touch buttons are unresponsive or require multiple presses.	• Ensure the protective film has been removed from the digital display and touch area. • Clean the surface of the switch with a dry cloth. • If the issue persists, contact customer support.

If these solutions do not resolve your issue, please contact Milfra customer support for further assistance.

10. Warranty and Support

Milfra is committed to providing high-quality products and excellent customer service.

Warranty:

This product comes with a**1-year quality guarantee** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

Customer Support:

Milfra offers **10-year after-sales service**, including online support for installation guidance, app instructions, troubleshooting, and other related services. For assistance, please contact Milfra customer support through the contact information provided on our official website or through your purchase platform.
Please have your product model and purchase date available when contacting support to expedite the process.

© 2024 Milfra. All rights reserved.

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

you@example.com

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

Open the live page

https://manuals.plus/asin/B0DG5T83RD

More documents and user manuals: **https://manuals.plus/**