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## meross MSS560

# Meross Smart Dimmer Switch (MSS560) User Manual

Model: MSS560

## INTRODUCTION

The Meross Smart Dimmer Switch (MSS560) is designed to provide intelligent control over your lighting. This single-pole dimmer switch allows you to remotely control, dim, and schedule your lights using the Meross app, Apple HomeKit, Amazon Alexa, or Google Assistant. It requires a neutral wire for installation and operates on a 2.4GHz Wi-Fi network.

## SAFETY INFORMATION

- **Neutral Wire Required:** Ensure your electrical box has a neutral wire (typically white) before installation. If unsure, consult a qualified electrician.
- **Power Off Before Installation:** Always turn off power at the circuit breaker before installing or servicing the switch to prevent electrical shock.
- **Single Pole Setup Only:** This switch is designed for single pole configurations only. It is not compatible with 3-way or multi-way switch setups.
- **Bulb Compatibility:** Works with non-smart dimming bulbs. Maximum wattage: 400W for incandescent (INC), 150W for CFL & LED bulbs. Do not use with smart bulbs.
- **Wi-Fi Requirement:** Supports 2.4GHz Wi-Fi networks only. 5GHz Wi-Fi is not supported. No hub is required.
- **Fire-Retardant Material:** The switch housing is made of PC+ABS fire-retardant material for safety.
- **Overload Protection:** Certified by FCC/ETL, the device includes protection against electrical overload.

## WHAT'S IN THE BOX

- Meross Smart Dimmer Switch (MSS560)
- Quick Installation Guide
- Wire Nuts

- Mounting Screws
- Faceplate (standard size)

## SETUP

### Pre-installation Checklist

- Verify your electrical box has a neutral wire (white).
- Ensure you have a 2.4GHz Wi-Fi network.
- Confirm your setup is single pole (not 3-way).
- Check bulb compatibility (non-smart dimmable LED/CFL/INC).

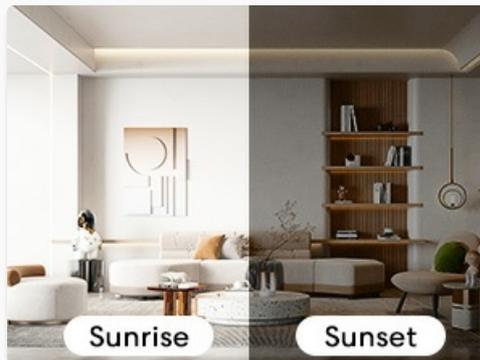


Image: Diagram illustrating the necessity of a neutral wire and compatible bulb types (LED, CFL, INC) with wattage limits, and incompatibility with smart bulbs.



Image: Important notes on switch compatibility, including single pole setup, 2.4GHz Wi-Fi, neutral wire, and non-smart dimming bulb support.

### Hardware Installation

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 faceplate and unscrew the existing switch from the electrical box. Pull the switch outward without touching any wires.
3. **Identify Wires:** Identify the Live (black/red), Load (brown/black), Neutral (white), and Ground (green/bare copper) wires. Label them if necessary.
4. **Connect New Switch:** Use the provided wire nuts to connect the corresponding wires of the Meross Smart Dimmer Switch to your home's electrical wires. Ensure all connections are secure.
5. **Secure Switch:** Carefully push the wires and the new switch into the electrical box. Screw the switch to the box and attach the faceplate.
6. **Restore Power:** Turn on the power at your circuit breaker.

Your browser does not support the video tag.

Video: Official Meross guide on how to install the HomeKit smart dimmer switch, demonstrating the wiring process and safety precautions.

### App Setup & Pairing

1. **Download Meross App:** Download the Meross app from the App Store or Google Play.
2. **Add Device:** Open the Meross app, tap the '+' icon to add a new device, and select the Smart Dimmer Switch.

Follow the in-app instructions.

3. **Connect to Wi-Fi:** Connect the switch to your 2.4GHz Wi-Fi network.
4. **HomeKit Setup (Optional):** If using Apple HomeKit, scan the HomeKit setup code located on the device or its packaging. You may need to manually enter the 8-digit code.
5. **Calibrate Dimming Range:** Use the app to set the maximum and minimum light levels for optimal dimming performance with your specific bulbs.



\* For your best dimming experience, please do the compatibility tests first.

Image: Meross app interface demonstrating the dimming compatibility test to optimize light levels.

## OPERATING INSTRUCTIONS

### Manual Control

The Meross Smart Dimmer Switch features physical buttons for direct control:

- **On/Off Button:** Press the main button to turn lights on or off.
- **Dimming Buttons:** Use the smaller up/down buttons to adjust brightness levels.

### App Control

Control your lights from anywhere with internet access using the Meross app:

- **Remote On/Off:** Tap the switch icon in the app to toggle lights.
- **Dimming:** Use the slider in the app to precisely adjust brightness from 0% to 100%.

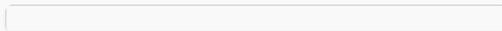


Image: A user controlling lights remotely via the Meross app on a smartphone.

### Voice Control

The Meross Smart Dimmer Switch is compatible with leading voice assistants:

- **Apple HomeKit/Siri:** Say "Hey Siri, turn on the light" or "Hey Siri, dim the light to 50%".
- **Amazon Alexa:** Say "Alexa, turn on the light" or "Alexa, dim the light to 20%".
- **Google Assistant:** Say "Hey Google, turn on the light" or "Hey Google, dim the light to 90%".

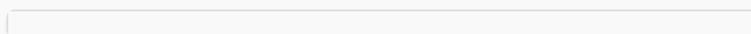


Image: Visual representation of voice commands for Siri, Alexa, and Google Assistant to control light brightness.

## Scheduling & Scenes

Automate your lighting to suit your lifestyle:

- **Schedules:** Set specific times for lights to turn on/off or dim automatically. Supports sunrise and sunset settings.
- **Scenes:** Create custom scenes for different moods or activities (e.g., "Movie Night" with dimmed lights).

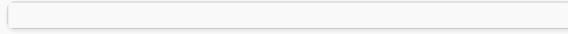


Image: Meross app interface displaying options for setting scenes, timers, and schedules for automated lighting control.

## MAINTENANCE

- **Cleaning:** Wipe the switch and faceplate with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Regularly check the Meross app for firmware updates to ensure optimal performance and security.

## TROUBLESHOOTING

- **Switch Not Responding:** If the switch is unresponsive or the indicator light is red, try pressing the small power reset button located at the bottom of the switch.
- **Wi-Fi Connection Issues:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during setup. If the switch loses connection, verify your router is functioning correctly and the switch is within range.
- **Dimming Problems:** If lights flicker or do not dim correctly, re-calibrate the dimming range in the Meross app. Ensure you are using compatible non-smart dimmable bulbs.
- **HomeKit Remote Control:** For remote control via HomeKit, an additional networked Apple device (HomePod, Apple TV 4K/HD, or iPad) must be set up as a HomeKit bridge and remain online.

## SPECIFICATIONS

Feature	Specification
Operation Mode	ON-OFF
Current Rating	4 Amps
Operating Voltage	120 Volts
Contact Type	Normally Open
Connector Type	Clamp
Terminal	Blade
Item Dimensions (L x W x H)	4.7 x 2.8 x 1.5 inches
Circuit Type	1-way (Single Pole)
Actuator Type	Push Button
Contact Material	Copper

International Protection Rating	IP00
Number of Positions	1
Upper Temperature Rating	40 Degrees Celsius
Controller Type	Amazon Alexa, Apple HomeKit, Google Assistant
Control Method	Voice, App
Connectivity Protocol	Wi-Fi (2.4GHz only)
Color	White
Wattage	400 watts (INC), 150 watts (CFL & LED)
Material	Plastic (PC+ABS fire-retardant)

## WARRANTY AND SUPPORT

### Warranty

The Meross Smart Dimmer Switch typically comes with a 1-year warranty. Please refer to your product packaging or the Meross website for specific warranty terms and conditions.

### Support

If you have any questions regarding your switch type, installation, or Wi-Fi connections, please contact Meross customer support. You can usually find contact information within the Meross app or on the official Meross website.

## ADDITIONAL INFORMATION

Your browser does not support the video tag.

Video: An overview of Meross smart home products, showcasing various features and benefits of integrating smart devices into your home.



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