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Merkury Innovations MI-WW112-199W

Merkury Innovations Smart Wi-Fi 3-Way Switch User Manual

Model: MI-WW112-199W

PRODUCT OVERVIEW

The Merkury Innovations Smart Wi-Fi 3-Way Switch (Model MI-WW112-199W) allows for convenient control of your lighting from multiple locations, via a mobile application, or through voice commands. This smart switch is designed for 3-way circuit configurations, commonly found in hallways and stairwells, enabling control of a single light fixture from two different switch locations. It connects to your home's 2.4GHz Wi-Fi network and is compatible with popular voice assistants.



Image: The product packaging for the Mercury Innovations Smart Wi-Fi 3-Way Switch Kit, showing two white smart switches included. The packaging highlights features like app and voice control.

KEY FEATURES

- **Smart Switch Functionality:** Control lighting and ceiling fans directly from the wall.
- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.
- **3-Way Compatibility:** Designed for circuits where a single light fixture is controlled by two switches, ideal for hallways and stairwells.
- **App Control:** Manage your lights remotely using the dedicated mobile application.
- **Timer Mode:** Set countdown timers for automatic light turn-off.
- **Daily Schedule:** Create automated schedules for lights to turn on or off at specific times.
- **Group Control:** Control multiple smart devices simultaneously.
- **Share Access:** Allow family members to control the smart switch.

KEY FEATURES

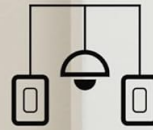
Control lighting and ceiling fans in-app, with your voice, or from the wall with our 3-way smart switch.



Smart Switch



Voice Control



3-Way Switch



Control by App



Timer Mode



Daily Schedule



Group Control



Share Access

Image: An illustration detailing the key features of the smart switch, such as smart control, voice activation, 3-way functionality, app control, timer, scheduling, group control, and access sharing.



Image: A visual representation of two 3-way smart switches installed in a home setting, highlighting their ideal application in hallways and stairwells for multi-location light control.

SETUP AND INSTALLATION

Before You Begin:

- Ensure you have a neutral wire available in your electrical box. A neutral wire is required for this smart switch.
- Verify your Wi-Fi network is 2.4GHz. The switch does not support 5GHz networks.
- Turn off power to the switch at the circuit breaker before beginning installation.






Wiring Diagram and Components:

**Damage-Resistant
Casing**

Screw Installment

LED Indicator

On/Off Switch

Ground Wire 
Load Wire SW1 
Load Wire SW2 
Neutral Wire 
Live Wire 



- **Easy-to-Install**

Connect with the Geeni app & follow the step-by-step wiring process.

- **No Hub Required**

The light switch works with a secured 2.4 GHz wireless network without the need for a separate hub.

Image: An exploded view diagram of the smart switch, illustrating its internal structure, the location of the LED indicator and on/off switch, and the color-coded wiring connections for Ground, Load SW1, Load SW2, Neutral, and Live wires. This diagram also confirms the requirement of a neutral wire and 2.4GHz Wi-Fi support.

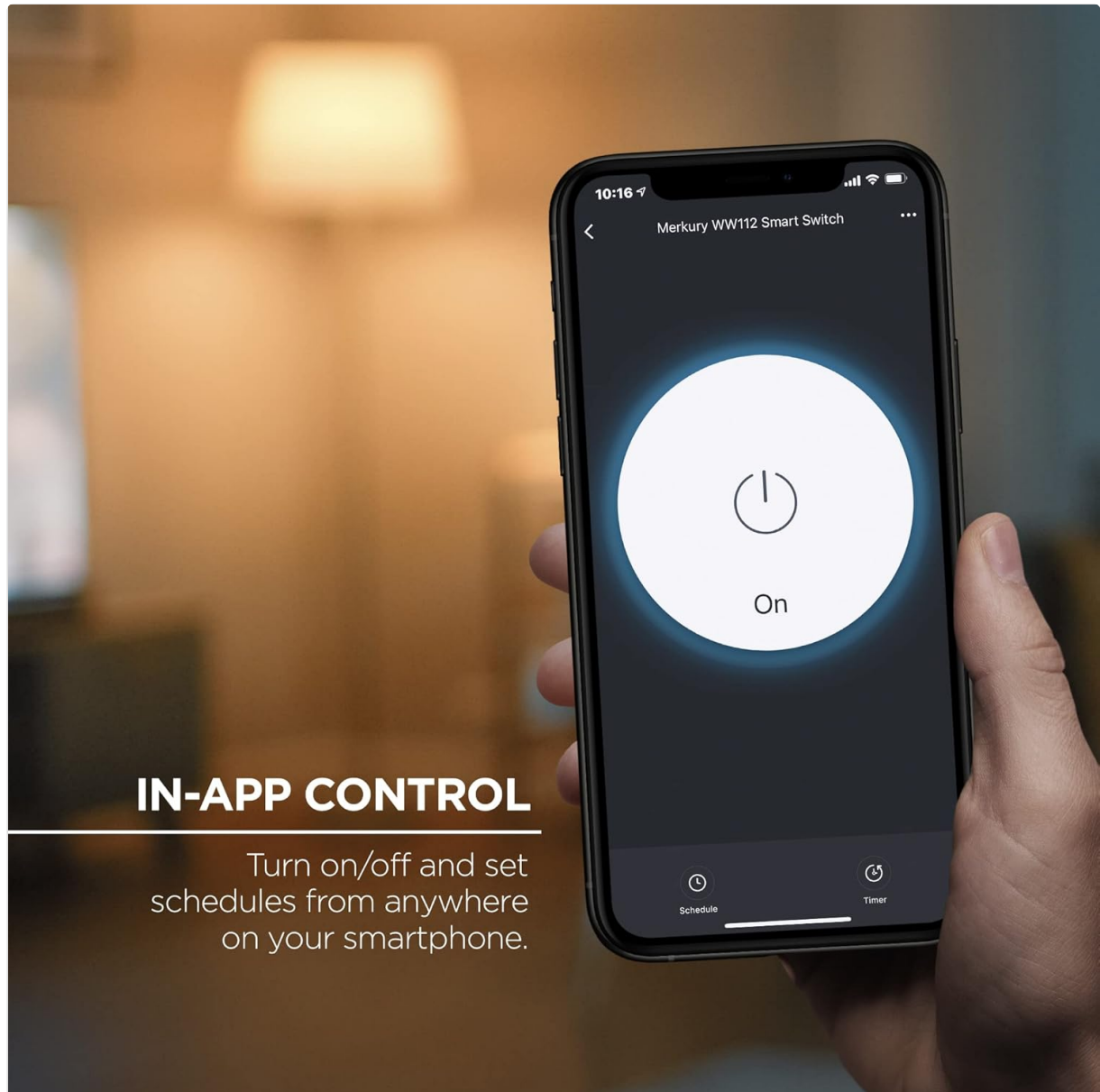
Installation Steps:

1. **Power Off:** Locate your circuit breaker and turn off the power to the light switch you intend to replace. Confirm power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the electrical box. Disconnect the wires, noting their original connections.
3. **Wire the Smart Switch:** Connect the wires from your electrical box to the corresponding terminals on the Merkurs Innovations Smart Wi-Fi 3-Way Switch. Refer to the wiring diagram above for correct connections (Ground, Load SW1, Load SW2, Neutral, Live). Ensure all connections are secure.
4. **Mount the Switch:** Gently push the wired smart switch into the electrical box and secure it with screws. Attach the new wall plate.
5. **Power On:** Restore power at the circuit breaker. The LED indicator on the smart switch should illuminate, indicating it is ready for pairing.

OPERATING INSTRUCTIONS

1. App Control:

Download the Geeni app (or specified Mercurry Innovations app) from your mobile device's app store. Follow the in-app instructions to add your new smart switch. This typically involves putting the switch into pairing mode (often by holding the on/off button) and connecting it to your 2.4GHz Wi-Fi network.



IN-APP CONTROL

Turn on/off and set schedules from anywhere on your smartphone.

Image: A smartphone screen showing the in-app control interface for the smart switch, allowing users to turn lights on/off and access scheduling and timer functions.

2. Voice Control:

Once connected to the app, you can link your Mercurry Innovations account to Amazon Alexa or Google Assistant. Refer to the respective voice assistant's app for detailed linking instructions. Once linked, you can use voice commands such as "Alexa, turn on the kitchen lights" or "Hey Google, turn off the living room light."

VOICE CONTROL

Control your lighting with simple voice commands.

"Alexa, turn on the kitchen lights."



Image: An Amazon Echo device demonstrating voice control capabilities with the smart switch, showing a voice command being issued to turn on kitchen lights.

3. Scheduling and Timers:

Use the mobile application to set up automated schedules for your lights. You can program lights to turn on or off at specific times, for example, "AM 07:00 On" on weekdays and "PM 11:30 Off" on weekends. The app also allows you to set countdown timers for temporary light control.



Image: A smartphone displaying the scheduling feature within the app, allowing users to set automated on/off times for lights, such as morning and night schedules.

LIGHT TIMERS

When “lights out at 10” means lights out at 10.



Image: A smartphone screen showing the timer function of the app, allowing users to set a countdown for their lights to turn off automatically.

MAINTENANCE

The Mercury Innovations Smart Wi-Fi 3-Way Switch requires minimal maintenance. Ensure the switch and wall plate are kept clean by wiping with a dry, soft cloth. Do not use abrasive cleaners or solvents. Periodically check for firmware updates through the mobile application to ensure optimal performance and security.

TROUBLESHOOTING

• Switch Not Responding:

- Check if the circuit breaker is on.
- Ensure the switch is properly wired, especially the neutral wire connection.
- Verify the Wi-Fi connection in the app. If disconnected, try re-pairing.

• Cannot Connect to Wi-Fi:

- Confirm your Wi-Fi network is 2.4GHz. This switch does not support 5GHz.

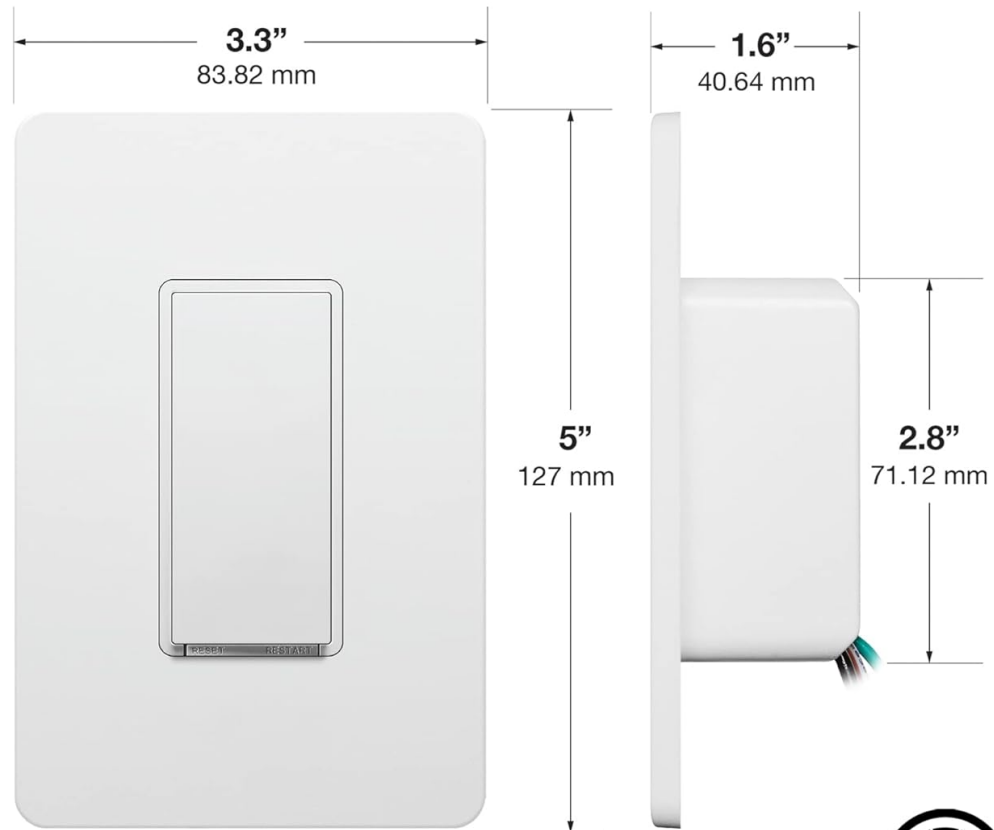
- Ensure your Wi-Fi signal strength is adequate at the switch's location.
 - Restart your Wi-Fi router.
 - Try resetting the smart switch to factory settings (refer to app instructions for specific reset procedure) and attempt pairing again.
- **Voice Control Not Working:**
 - Ensure your Mercury Innovations account is correctly linked to your Amazon Alexa or Google Assistant account.
 - Check your internet connection.
 - Verify the device name in the voice assistant app matches the name in the Mercury Innovations app.
- **Lights Flicker or Don't Turn Off Completely:**
 - This can sometimes occur with certain types of LED bulbs. Ensure your bulbs are dimmable if the switch has dimming capabilities (this model is a simple on/off switch, so this is less likely).
 - Verify the load requirements of your light fixture are within the switch's specifications.

SPECIFICATIONS

Attribute	Detail
Model	MI-WW112-199W
Brand	Mercury Innovations
Operation Mode	Automatically, Off, Smart Switch
Current Rating	10 Amps
Operating Voltage	240 Volts
Contact Type	Normally Open
Connector Type	Wireless
Terminal	Screw
Item Dimensions (L x W x H)	7 x 7 x 3 inches
Circuit Type	3-way
Actuator Type	Flat
Contact Material	Copper
International Protection Rating	IP00
Controller Type	Google Assistant, Amazon Alexa, iOS, Android
Control Method	Voice
Connectivity Protocol	Wi-Fi (2.4GHz only)
Color	White

Wattage	800 Watts
Item Weight	8 ounces
UPC	844702083141

FITS STANDARD SIZE



- Neutral wire required
- Support 2.4Ghz Wi-Fi network



Image: A technical drawing illustrating the standard dimensions of the smart switch, including length, width, and depth, in both inches and millimeters, confirming its compatibility with standard electrical box sizes.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Mercury Innovations website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information:

- **Website:** www.mercuryinnovations.com
- **Customer Service:** Refer to the website for current contact methods (phone, email, support portal).

