

Maxxima MEW-DM680

Maxxima Digital Dimmer Wall Light Switch User Manual

Model: MEW-DM680

1. INTRODUCTION

Product Overview

The Maxxima 3-Way/Single Pole Digital Dimmer Wall Light Switch is designed to provide versatile lighting control for your home or commercial space. It features a button-controlled dimmer with green LED indicator lights to display brightness levels. This switch is compatible with incandescent, halogen, and dimmable LED/CFL bulbs, offering a flexible solution for various lighting needs.

- **Versatile Compatibility:** Supports both 3-way and single-pole wiring configurations.
- **Brightness Indicators:** Green LED lights clearly show the current dimming level.
- **High Capacity:** Handles up to 600W for incandescent/halogen and 150W for dimmable LED/CFL.
- **No Neutral Wire Required:** Simplifies installation in many existing setups.
- **Precise Control:** Independent on/off button and dedicated dimming buttons for fine-tuning light levels.
- **Adjustable Sensitivity:** Trim buttons allow for fine-tuning compatibility with various LED lamps.

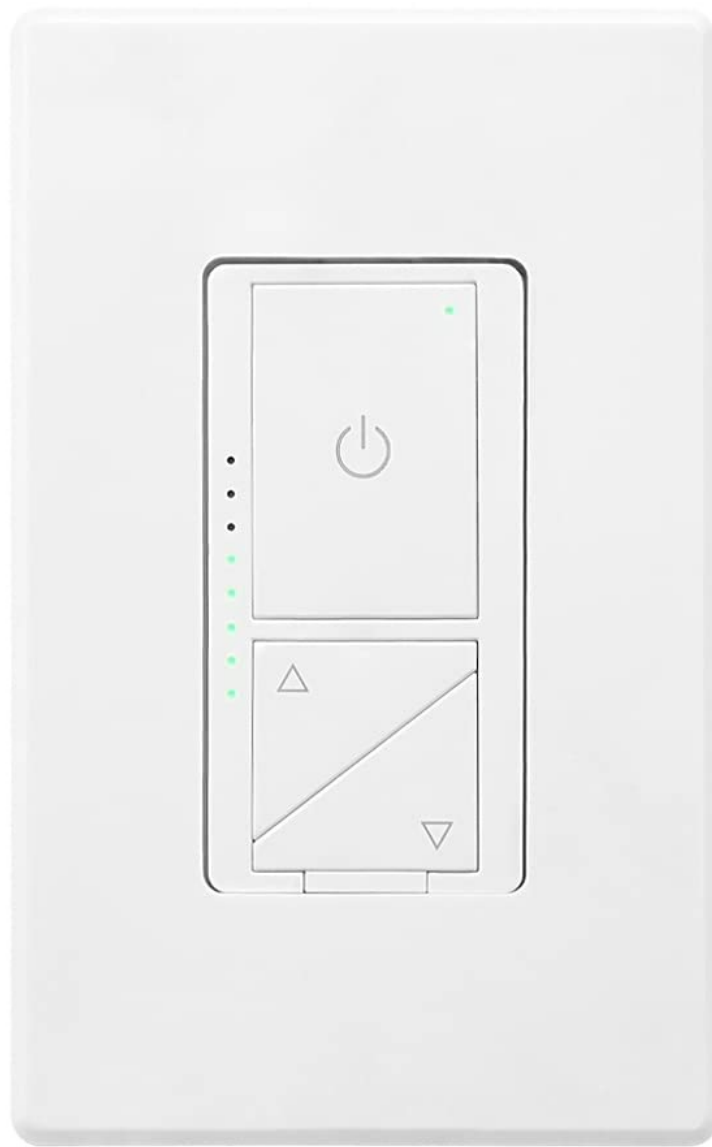


Figure 1: Front view of the Maxxima Digital Dimmer Wall Light Switch.

2. SETUP AND INSTALLATION

Before You Begin

WARNING: To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that the power is off before wiring. Installation should be performed by a qualified electrician or a person with a thorough understanding of electrical wiring.

- Ensure the power is OFF at the circuit breaker before beginning installation.
- This dimmer is designed for use with 120VAC, 60Hz.
- Do NOT use with non-dimmable lighting or ceiling fans.

Tools Required

- Screwdriver (Phillips and Flathead)
- Wire Strippers

- Electrical Tape
- Voltage Tester

Wiring Diagram

The Maxxima Digital Dimmer is compatible with both single-pole and 3-way wiring configurations. Refer to the detailed wiring instructions provided in the official installation manual for specific diagrams. The switch operates at 120VAC and does not require a neutral wire.

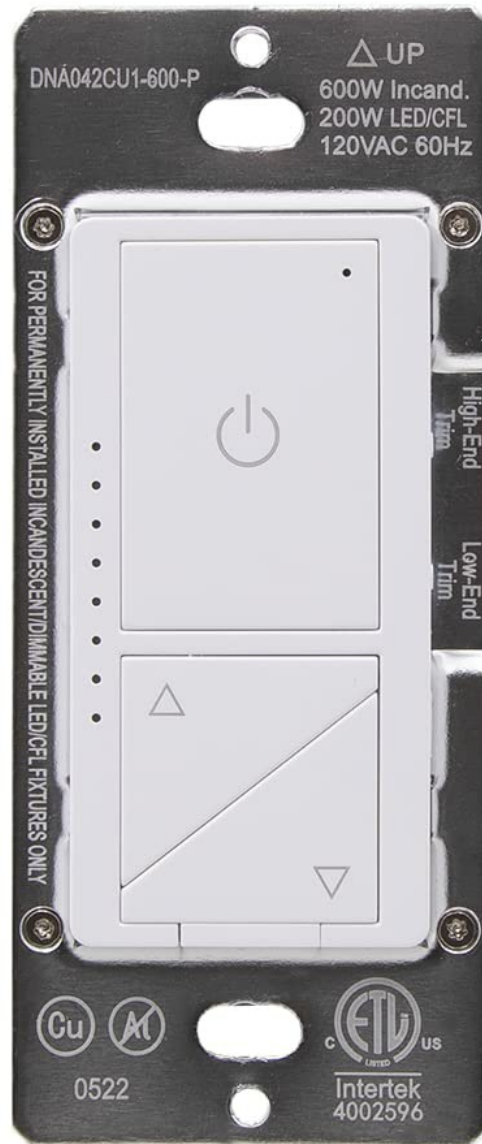


Figure 2: Back view of the dimmer switch with wiring details.

Installation Steps

1. **Turn Off Power:** Locate the circuit breaker controlling the switch location and turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the existing wall plate and switch from the wall box. Disconnect the wires.
3. **Wire the New Dimmer:** Connect the wires from the wall box to the dimmer switch according to the wiring diagram in the full manual. Ensure all connections are secure.

4. **Mount the Dimmer:** Gently push the wired dimmer into the wall box. Secure it with the provided screws.
5. **Attach Wall Plate:** Snap the screwless wall plate onto the dimmer for a clean finish.
6. **Restore Power:** Turn the power back ON at the circuit breaker.



Figure 3: Maxxima Digital Dimmer Switch installed on a wall.

3. OPERATION

Basic Controls

The Maxxima Digital Dimmer features intuitive controls for easy light management:

- **On/Off Button:** The large button with the power symbol () at the top controls the main power to the lights. Press once to turn lights ON or OFF.
- **Dimming Buttons:** The two triangular buttons below the power button control the brightness. The top triangle increases brightness, and the bottom triangle decreases brightness.

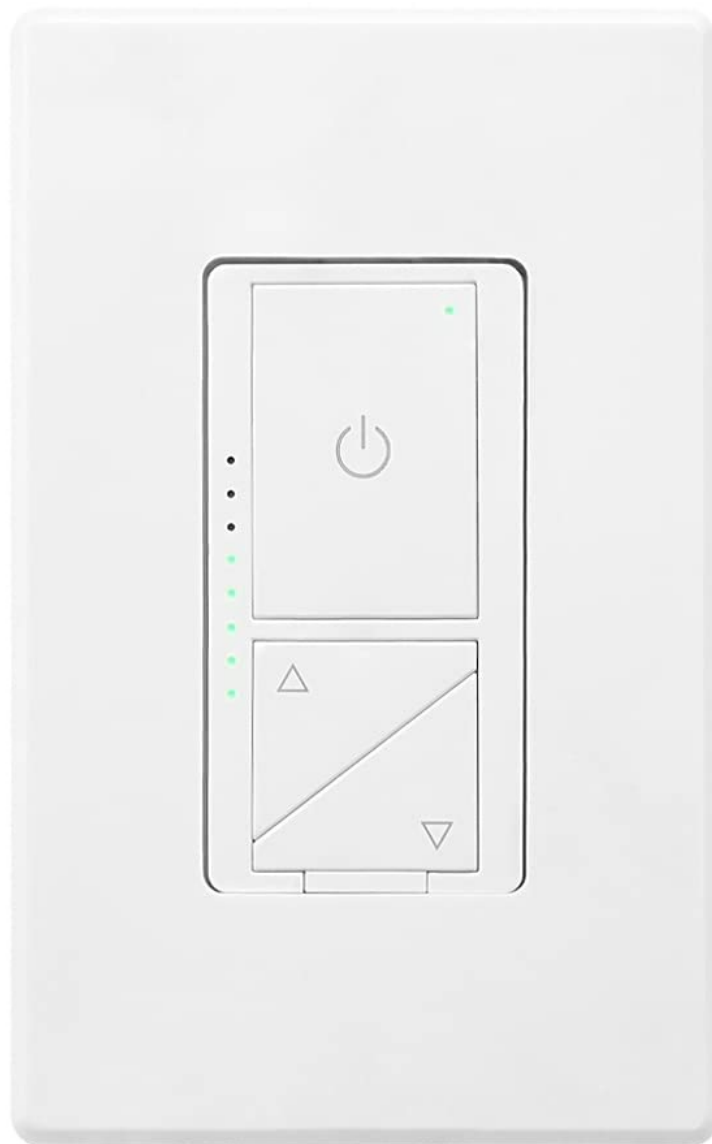


Figure 4: Controls of the Maxxima Digital Dimmer Switch.

Brightness Adjustment

To adjust the brightness level:

- **Continuous Dimming:** Press and hold the up (▲) or down (▼) arrow button to smoothly increase or decrease the light intensity. Release the button when the desired brightness is reached.
- **Preset Levels:** Short-click the up (▲) or down (▼) arrow button to cycle through preset brightness levels.
- **Indicator Lights:** The green LED lights on the left side of the switch illuminate to indicate the current brightness level. More lights mean brighter illumination.

Sensitivity Adjustment

For optimal performance with various LED lamps, the dimmer includes sensitivity adjustment trim buttons located below the cover plate. These allow you to fine-tune the dimmer's response to prevent flickering or ensure proper dimming range.

Single Pole / 3 Way Dimmer Switch

600W Max
150W LED/CFL

Trim Buttons Underneath
Cover Plate Allow
Sensitivity Adjustment

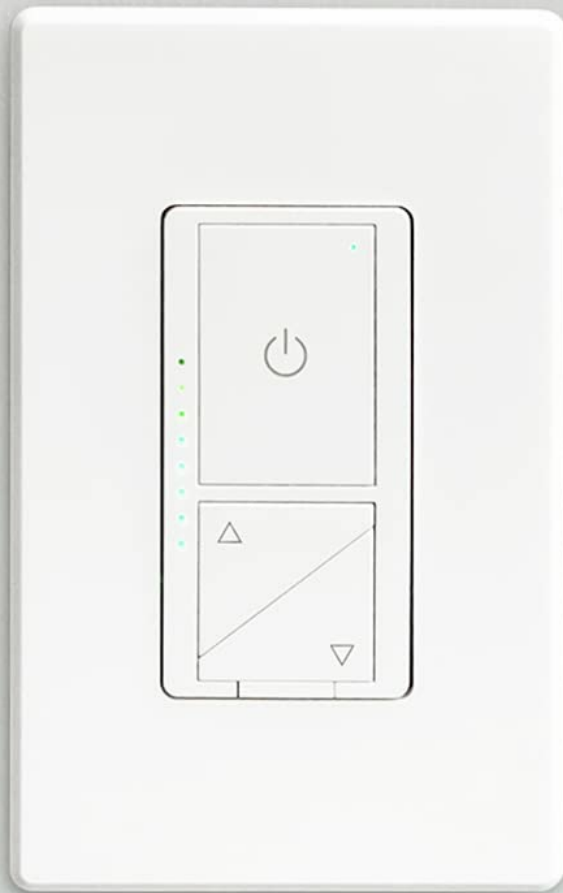


Figure 5: Trim buttons for sensitivity adjustment located under the cover plate.

4. MAINTENANCE

The Maxxima Digital Dimmer Wall Light Switch requires minimal maintenance. Follow these guidelines to ensure its longevity and proper function:

- **Cleaning:** To clean the switch and wall plate, gently wipe with a soft, damp cloth. Do NOT use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.
- **Inspection:** Periodically inspect the switch for any signs of damage, loose connections, or unusual operation. If any issues are observed, turn off power at the circuit breaker and consult a qualified electrician.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the dimmer. Do not attempt to open or repair the unit yourself.

5. TROUBLESHOOTING

If you experience issues with your Maxxima Digital Dimmer, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Lights do not turn ON.	No power to the switch; Loose wiring connection; Burnt-out bulb.	Check circuit breaker; Verify wiring connections are secure; Replace bulb.
Lights do not dim or flicker.	Non-dimmable bulbs; Incompatible LED/CFL bulbs; Sensitivity not adjusted.	Ensure dimmable bulbs are used; Adjust sensitivity using trim buttons (refer to Section 3); Try different brand/type of dimmable LED/CFL.
Dimmer is warm to the touch.	Normal operation; Overload.	Slight warmth is normal. If excessively hot, turn off power and check total wattage of connected bulbs. Do not exceed maximum capacity.
LED indicator lights are not working.	Internal fault.	Contact Maxxima customer support for assistance.

If the problem persists after attempting these solutions, please contact Maxxima customer support or a qualified electrician.

6. SPECIFICATIONS

Specification	Detail
Model Number	MEW-DM680
Product Dimensions	1.74" W x 4.14" L x 1.28" D (4 x 2 x 1 inches)
Weight	5.29 ounces
Input Voltage	120VAC, 60Hz
Max. Incandescent/Halogen Load	600W
Max. Dimmable LED/CFL Load	150W
Wiring Type	Single-Pole or 3-Way
Neutral Wire Required	No
Operation Mode	Manual
Certifications	ETL Listed
Included Accessories	Screwless Wall Plate

7. WARRANTY AND SUPPORT

Warranty Information

The Maxxima Digital Dimmer Wall Light Switch (Model: MEW-DM680) comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, or unauthorized modifications.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Maxxima customer support:

- **Website:** Visit the official Maxxima website for support resources and contact information.
- **Email:** Refer to your product packaging or the Maxxima website for customer service email.
- **Phone:** Refer to your product packaging or the Maxxima website for customer service phone number.

You can also find the official Installation Manual (PDF) for this product [here](#).