

ELEGRP DM17

# ELEGRP Slide Dimmer Switch DM17 User Manual

Model: DM17

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ELEGRP Slide Dimmer Switch, Model DM17. This dimmer switch is designed for use with dimmable LED, CFL, and incandescent light bulbs, offering both single-pole and 3-way control options. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## SAFETY INFORMATION

**WARNING: Risk of Electric Shock. May result in serious injury or death. Turn off power at circuit breaker before installing.**

- Consult with a qualified electrician or read through the instruction inside the package before using this product.
- Ensure the power is OFF at the circuit breaker or fuse box before attempting any wiring.
- Do not use with non-dimmable bulbs.
- Install in accordance with all national and local electrical codes.
- For indoor use only.

## PACKAGE CONTENTS

- ELEGRP Slide Dimmer Switch (DM17)
- Screwless Wall Plate
- Installation Instructions (this manual)
- Wire Labels
- Wire Connectors

## SPECIFICATIONS

Feature	Detail
Model Number	DM17
Brand	ELEGRP

Operation Mode	Off, Slide Dimmer
Current Rating	3.75 Amps
Operating Voltage	125 Volts (AC)
Contact Type	Single-pole Double-throw
Connector Type	Quick Connect, Screw
Terminal	SPST
Circuit Type	Single Pole / 3-Way
Actuator Type	Push Button
Product Dimensions	1.93 x 2.8 x 4.57 inches
Compatibility	150W Dimmable LED/CFL, 600W Incandescent

## INSTALLATION GUIDE

### Before You Begin

- Turn off power at the circuit breaker or fuse box.
- Remove the existing wall plate and switch.
- Identify the wires: Line (hot), Load, Ground, and Traveler (for 3-way applications). Use wire labels provided.
- This dimmer switch does **NOT** require a neutral wire.

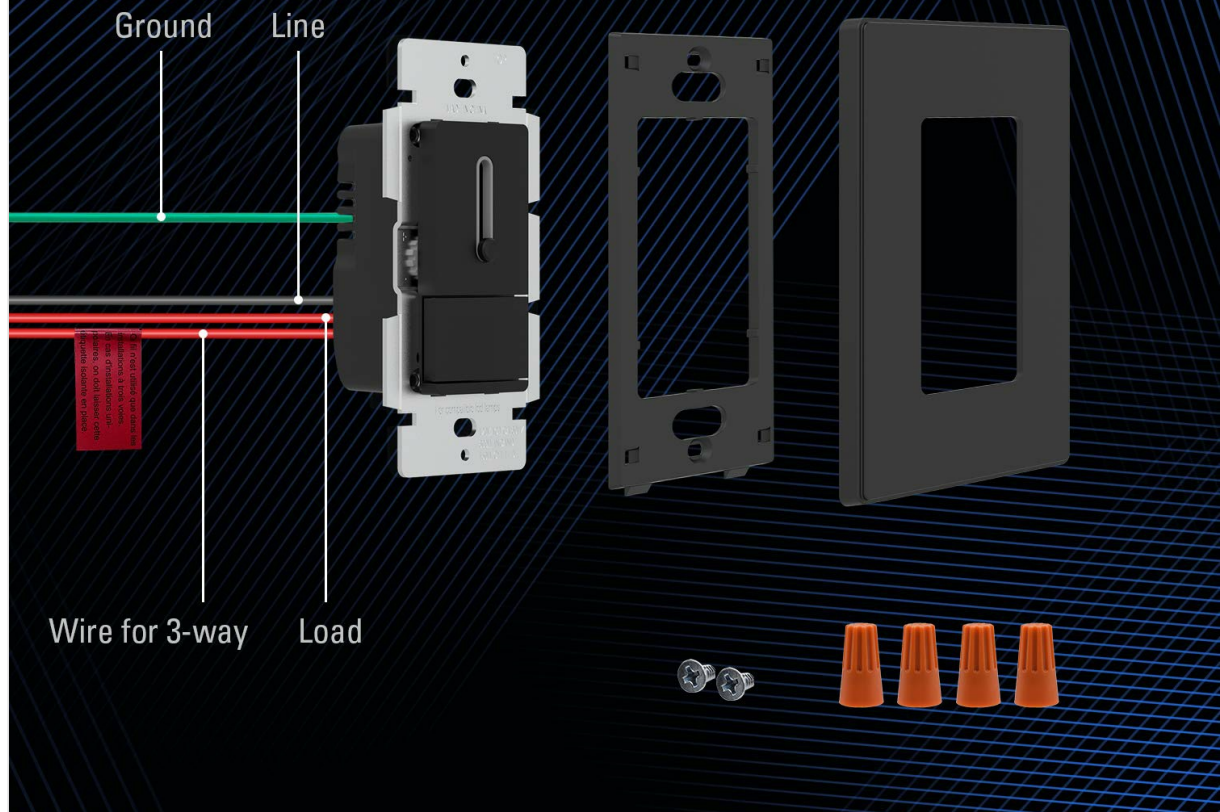
### Wiring Instructions

The ELEGRP DM17 dimmer switch can be installed in either a single-pole or 3-way configuration. Refer to the diagram below for typical wiring connections.

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# EASY TO INSTALL

No neutral wire required, ideal for homes of all ages.  
Replace your existing switch in as little as 15 minutes.



**Figure 1:** Wiring diagram for the ELEGRP Slide Dimmer Switch. This illustration shows the connections for Ground (green), Line (black), Load (black), and a 3-way wire (red). Wire connectors are used to secure connections.

1. **Ground Wire:** Connect the green ground wire from the dimmer to the bare copper or green ground wire in the wall box.
2. **Line Wire:** Connect one of the black wires from the dimmer to the incoming hot (line) wire from the circuit breaker.
3. **Load Wire:** Connect the other black wire from the dimmer to the load wire that goes to the light fixture.
4. **3-Way Wiring (if applicable):** For 3-way installations, connect the red wire from the dimmer to the traveler wire from the other 3-way switch. Ensure the other 3-way switch is a standard 3-way switch (not another dimmer).
5. Secure all connections with wire connectors.
6. Carefully push all wires back into the wall box.
7. Mount the dimmer switch to the wall box using the provided screws.
8. Attach the screwless wall plate. The ultra-slim profile of the dimmer ensures it fits easily within standard electrical boxes.

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# **ULTRA SLIM PROFILE**

Easily fits in electrical box and wall plate.



**Figure 2:** Ultra-slim profile of the dimmer switch, illustrating its compact design for easy installation in electrical boxes.

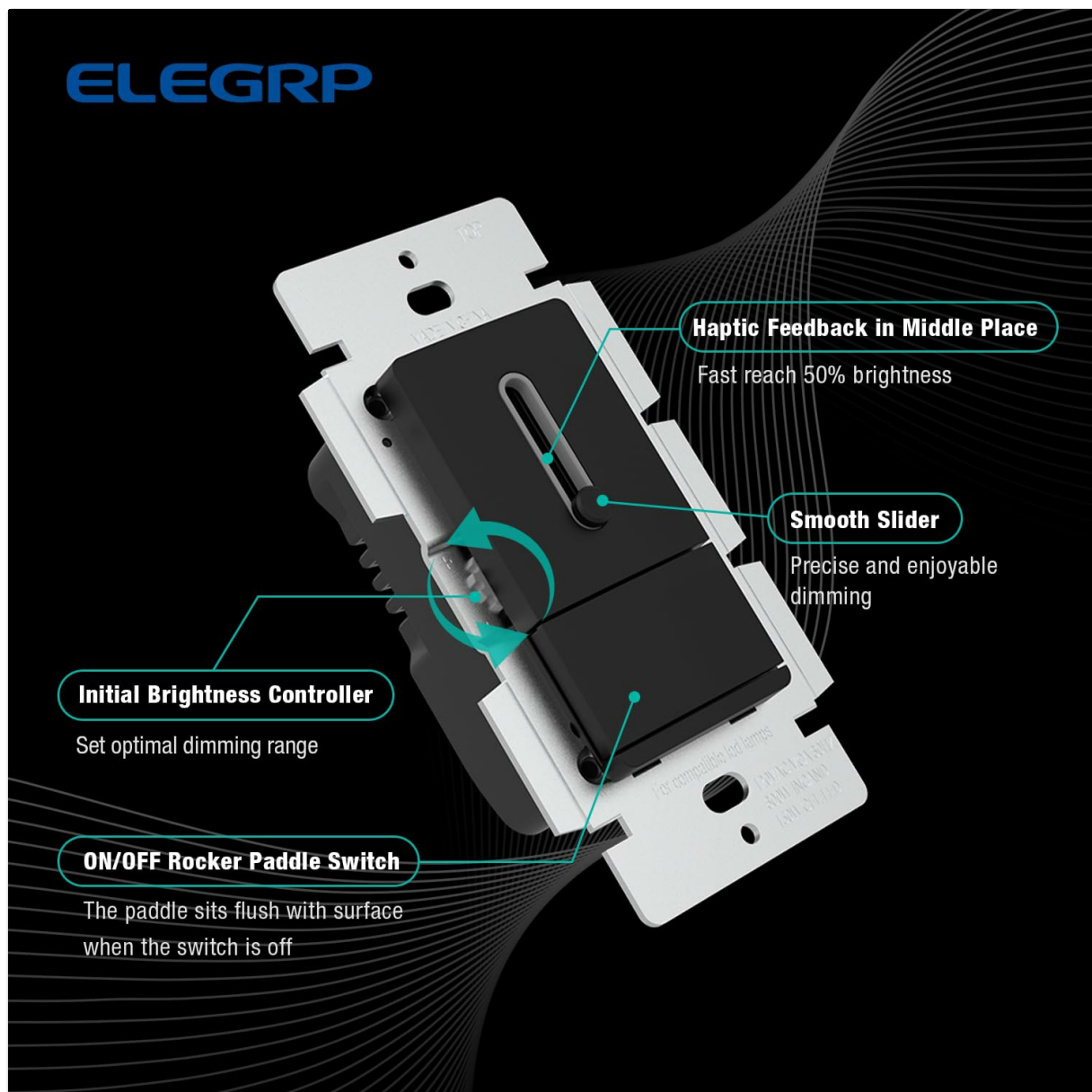
## **Post-Installation**

Once installation is complete, restore power at the circuit breaker. Test the dimmer switch functionality.

## **OPERATING INSTRUCTIONS**

The ELEGRP Slide Dimmer Switch features a rocker paddle for on/off control and a slide bar for dimming adjustments.





**Figure 3:** Detailed view of the dimmer switch controls, including the smooth slider for precise dimming, the initial brightness controller, and the on/off rocker paddle switch.

- **On/Off Control:** Press the bottom rocker paddle to turn the lights ON or OFF. The paddle sits flush with the surface when the switch is off.
- **Dimming Control:** Use the vertical slide bar to adjust the light brightness. Slide up for brighter light, and down for dimmer light. The slider provides smooth and precise dimming.
- **Haptic Feedback:** The slider provides haptic feedback when reaching approximately 50% brightness, allowing for quick adjustment to a common light level.
- **Initial Brightness Controller:** A small dial (often located behind the wall plate or on the side of the dimmer module) allows you to set the optimal dimming range for different bulb types. Adjust this controller to prevent flickering or to achieve the desired minimum brightness level for your specific bulbs.

## COMPATIBILITY

The ELEGRP DM17 dimmer switch is universally compatible with a variety of dimmable lighting loads:

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## UNIVERSAL COMPATIBILITY

Works with 99% of dimmable LED, CFL and incandescent light bulbs.



### Incandescent Lamp

600W / 120V



### Dimmable CFL Lamp

150W / 120V



### Dimmable LED Lamp

150W / 120V

\*CFL/LED lamps are classified as dimmable and non-dimmable. Please make sure your CFL/LED lamp is dimmable\*

Figure 4: Compatibility chart showing supported bulb types and their maximum wattages.

- **Dimmable LED:** Up to 150 Watts / 120V
- **Dimmable CFL:** Up to 150 Watts / 120V
- **Incandescent:** Up to 600 Watts / 120V

**Note:** Ensure your CFL/LED lamps are specifically labeled as dimmable for proper operation and to avoid damage or flickering.

## MAINTENANCE

- To clean the dimmer switch and wall plate, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Periodically check for loose connections or signs of wear. If any issues are found, turn off power at the circuit breaker and consult a qualified electrician.

## TROUBLESHOOTING

Problem	Possible Cause / Solution
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Lights do not turn ON or flicker	<ul style="list-style-type: none"> <li>◦ Ensure power is restored at the circuit breaker.</li> <li>◦ Verify all wiring connections are secure.</li> <li>◦ Confirm bulbs are dimmable and compatible with the dimmer's wattage rating.</li> <li>◦ Adjust the <b>Initial Brightness Controller</b> to optimize the dimming range for your bulbs.</li> <li>◦ If the light was turned off at the lowest brightness setting, slide the dimmer up slightly before turning on.</li> </ul>
Dimming range is not satisfactory	<ul style="list-style-type: none"> <li>◦ Adjust the <b>Initial Brightness Controller</b> to fine-tune the minimum and maximum light levels.</li> <li>◦ Ensure bulbs are fully compatible dimmable types.</li> </ul>
Dimmer switch is warm to the touch	It is normal for dimmers to feel warm during operation. If it becomes excessively hot, turn off power and consult an electrician. Ensure the load does not exceed the dimmer's maximum wattage.
Rocker paddle feels stiff or unresponsive	Ensure the switch is properly seated in the wall box and the wall plate is not obstructing movement. If issues persist, contact support.

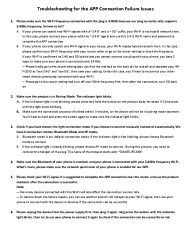



## WARRANTY AND SUPPORT

ELEGRP products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, ELEGRP typically offers customer support and may provide replacements for defective units. For assistance, technical support, or warranty inquiries, please contact ELEGRP customer service through their official website or the retailer where the product was purchased.

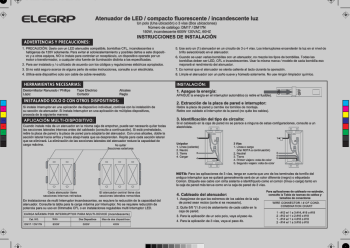
For more information, visit the official [ELEGRP Store](#).

## Related Documents - DM17

	<p><a href="#">ELEGRP Smart Dimmer Light Switch Installation Guide</a></p> <p>This document provides installation instructions for the ELEGRP Smart Dimmer Light Switch, covering single-pole and 3-way configurations. It details wiring, setup, and compatibility with smart home assistants like Alexa and Google Assistant.</p>
	<p><a href="#">ELEGRP Combination Receptacle and USB Charger Installation Guide</a></p> <p>Detailed installation instructions and specifications for the ELEGRP Combination Receptacle and USB Charger, including features, wiring diagrams, compatibility, and safety warnings.</p>

	<p><a href="#">ELEGRP Smart Plug Troubleshooting: Resolve APP Connection Failures</a></p> <p>Comprehensive guide to troubleshooting and resolving APP connection failures for ELEGRP smart plugs. Learn how to check Wi-Fi frequency, pairing mode, connection modes, phone settings, and signal strength.</p>
	<p><a href="#">Combination Receptacle / USB Charger Installation Instructions</a></p> <p>Installation instructions for the Combination Receptacle / USB Charger, detailing features, specifications, compatibility, and wiring diagrams. Includes safety warnings and cautions.</p>
	<p><a href="#">ELEGRP Occupancy and Vacancy Sensor Product Bulletin</a></p> <p>Product bulletin for ELEGRP's Occupancy &amp; Vacancy Sensor, detailing features, benefits, and specifications for both occupancy and vacancy sensor models.</p>
	<p><a href="#">ELEGRP Matter Smart Plug User Manual</a></p> <p>User manual for the ELEGRP Matter Smart Plug (Model MP10), covering product introduction, specifications, setup options using the ELEGRP HOME App or third-party Matter-enabled apps, troubleshooting common issues, important safety instructions, FCC and ISED Canada compliance statements, and the one-year limited warranty.</p>

Documents - ELEGRP – DM17



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