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> Leviton Decora Slide Dimmer Switch for Dimmable LED, Halogen and Incandescent Bulbs, Light Gray Slide Dimmer Switch, DSL06, Light Gray

Leviton DSL06-0LG

Leviton Decora Slide Dimmer Switch DSL06 Instruction Manual

Model: DSL06-0LG

1. INTRODUCTION

The Leviton Decora Slide Dimmer Switch (Model DSL06) is designed to provide smooth, full-range dimming for dimmable LED, incandescent, and halogen bulbs. This device allows you to easily customize the light level in any room, enhancing ambiance and energy efficiency. It features a convenient separate On/Off switch that preserves your preferred light level when the switch is toggled.

Key Features:

- Smooth slide-action for precise dimming control.
- Separate On/Off switch to maintain set light levels.
- Compatible with 300W LED/CFL and 600W incandescent/halogen bulbs.
- Supports single-pole or 3-way installations (when paired with a 3-way switch).
- Adjustable minimum and maximum dimming range for LED bulbs to prevent flicker.
- Slim profile designed for easy installation in most wallboxes.
- No neutral wire required for installation.

2. SAFETY INFORMATION

WARNING: To avoid fire, shock, or death; turn off power at circuit breaker or fuse and test that power is off before wiring!

- This product must be installed in accordance with all national and local electrical codes.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Do not use with non-dimmable bulbs.
- Ensure the total wattage of connected bulbs does not exceed the dimmer's maximum rating (300W for LED/CFL, 600W for Incandescent/Halogen).
- For indoor use only.

3. PACKAGE CONTENTS

- Leviton Decora Slide Dimmer Switch (DSL06)
- Wiring Nuts (may be included)
- Instruction Sheet

Note: Wallplate sold separately.

4. PRODUCT OVERVIEW



Figure 1: Front view of the Leviton Decora Slide Dimmer Switch (DSL06). The image shows the light gray dimmer switch with its main rocker switch and a smaller vertical slide control on the right side. The top of the switch housing displays model information: DSL06, 600W INC, 2.5A 300W LED, 2.5A 300W CFL, 120Vac 60Hz. The Leviton logo is visible at the bottom of the main switch face.

The DSL06 dimmer features a large rocker switch for simple On/Off control and a slender slide bar on the right side for adjusting light intensity. This design allows you to turn lights on or off without disturbing your preferred dimming level.

5. INSTALLATION (SETUP)

Before You Begin:

1. **Turn OFF Power:** Locate the circuit breaker or fuse that controls the light switch you are replacing and turn it OFF. Verify power is off by attempting to turn on the light.
2. **Remove Old Switch:** Carefully remove the existing wallplate and unscrew the old switch from the wallbox. Disconnect the wires from the old switch, noting their connections.

Wiring Instructions:

The DSL06 dimmer is designed for both single-pole (one location) and 3-way (two locations) installations. It does not require a neutral wire.

Single-Pole Installation:

In a single-pole setup, the dimmer controls the light from one location.

1. Connect the **LINE (hot)** wire from the electrical box to one of the dimmer's screw terminals.
2. Connect the **LOAD** wire (going to the light fixture) to the other dimmer screw terminal.
3. Connect the **GROUND** wire (bare copper or green) from the electrical box to the dimmer's green ground screw.
4. Ensure all connections are secure using wire nuts.

3-Way Installation:

For 3-way control, the DSL06 dimmer must be paired with a standard 3-way switch (sold separately). The dimmer is installed in one location, and the 3-way switch in the other.

1. Identify the **COMMON** wire from the 3-way switch. This is typically connected to a darker colored screw terminal.
2. Connect the **COMMON** wire from the electrical box to the appropriate terminal on the DSL06 dimmer (refer to the wiring diagram provided with the product for specific terminal identification).
3. Connect the two **TRAVELER** wires between the DSL06 dimmer and the 3-way switch.
4. Connect the **LOAD** wire from the light fixture to the remaining terminal on the DSL06 dimmer.
5. Connect the **GROUND** wire from the electrical box to the dimmer's green ground screw.
6. Ensure all connections are secure.

Finishing Installation:

1. Carefully push the wired dimmer into the wallbox.
2. Secure the dimmer to the wallbox with the provided screws.
3. Attach the Decora wallplate (sold separately).
4. **Restore Power:** Turn the power back ON at the circuit breaker or fuse.

6. OPERATING INSTRUCTIONS

Turning Lights On/Off:

- Press the bottom of the large rocker switch to turn the lights ON.
- Press the top of the large rocker switch to turn the lights OFF.
- The dimmer will remember the last set brightness level when turned off and back on.

Adjusting Brightness:

- Slide the small vertical control bar up to increase light brightness.
- Slide the small vertical control bar down to decrease light brightness.

Adjusting Dimming Range (for LED/CFL bulbs):

The DSL06 dimmer allows for adjustment of the minimum and maximum dimming range to optimize performance with various LED and CFL bulbs, helping to eliminate flicker and maximize energy savings. Refer to the detailed instructions included with your dimmer for specific steps on how to adjust these settings, as the procedure may vary slightly.

For best results and bulb compatibility, visit Leviton's bulb compatibility tool on their official website.

7. MAINTENANCE

- To clean the dimmer, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- Ensure power is off before cleaning.
- No user-serviceable parts inside.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the dimmer; incorrect wiring; bulb burned out.	Check circuit breaker/fuse. Verify wiring connections. Replace bulb.
Lights flicker or dim erratically.	Incompatible bulb type; minimum/maximum dimming range not set correctly for LED/CFL.	Ensure bulbs are dimmable. Adjust the dimmer's minimum/maximum brightness settings. Consult Leviton's bulb compatibility tool.
Dimmer is warm to the touch.	Normal operation; dimmer dissipates heat.	This is normal. If it feels excessively hot or smells, turn off power and consult an electrician.
Dimmer does not dim to full brightness or very low light.	Dimming range not optimized for specific bulbs.	Adjust the dimmer's minimum and maximum brightness settings as per the detailed instructions.

9. SPECIFICATIONS

Specification	Value
Model Number	DSL06-0LG
Brand	Leviton
Operation Mode	OFF-NONE-ON
Current Rating	15 Amps
Operating Voltage	120 VAC, 60Hz
Wattage (Incandescent/Halogen)	600W
Wattage (Dimmable LED/CFL)	300W
Contact Type	Normally Closed
Connector Type	Clamp
Terminal	Screw
Item Dimensions (L x W x H)	1.7 x 1.5 x 4.25 inches
Circuit Type	1-way (Single-Pole or 3-Way)
Actuator Type	Slide
Contact Material	Brass
International Protection Rating	IP00
Number of Positions	1
Lower Temperature Rating	100 Degrees Celsius

Upper Temperature Rating	100 Degrees Celsius
Control Method	Touch
Color	Gray
Item Weight	4.8 ounces
UPC	078477366936
Included Components	Dimmer Switch

10. WARRANTY AND SUPPORT

Warranty Information:

This Leviton product comes with a manufacturer's warranty. For detailed information regarding the warranty period, coverage, and terms, please refer to the warranty documentation included with your product or visit the official Leviton website.

Customer Support:

For technical assistance, troubleshooting, or further inquiries, please contact Leviton Customer Support. You can find contact information and additional resources, including bulb compatibility tools and FAQs, on the official Leviton website: www.leviton.com.

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

