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› Leviton 6623-PI Decora Slide Dimmer Switch User Manual

Leviton 6623-PI

Leviton 6623-PI Decora Slide Dimmer Switch

User Instruction Manual

INTRODUCTION

The Leviton 6623-PI Decora Slide Dimmer Switch is designed for controlling incandescent lighting loads up to 600 watts. This 3-way dimmer features a smooth slide control for precise dimming and a convenient preset ON/OFF switch, allowing you to return to your preferred light level instantly. It is suitable for use in multi-location applications where lights are controlled from two different switches.



Figure 1: Leviton 6623-PI Ivory Decora Slide Dimmer Switch in its retail packaging. The packaging highlights its 600W incandescent, 3-way (2 locations) ON/OFF, and preset switch capabilities. The dimmer itself is ivory-colored with a vertical slide control and a small push-button at the bottom.

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 device is intended for installation in accordance with the National Electric Code and local regulations.
- Use only with incandescent lighting loads. Do not use with LED, CFL, or other non-incandescent loads unless specified.
- For indoor use only.
- If you are unsure about any part of these instructions, consult a qualified electrician.

SETUP AND INSTALLATION

Follow these steps carefully for proper installation of your dimmer switch.

1. **Turn Off Power:** Locate the circuit breaker or fuse that supplies power to the switch location. Turn it OFF. Verify power is off by attempting to turn on the light or appliance controlled by the switch.
2. **Remove Old Switch:** Carefully remove the existing wallplate and mounting screws from the old switch. Gently pull the switch out from the wall box.
3. **Disconnect Wiring:** Disconnect the wires from the old switch. Note the wire connections (e.g., common, traveler wires). For 3-way installations, there will typically be three wires plus a ground wire.
4. **Wire the Dimmer:** Connect the wires to the Leviton 6623-PI dimmer according to the wiring diagram provided with the product (not included in this manual, refer to product packaging for specific diagrams). Ensure all wire connections are secure.
 - *Common Wire:* Typically connected to the darker or differently colored screw terminal.
 - *Traveler Wires:* Connected to the two remaining screw terminals.
 - *Ground Wire:* Connect the bare copper or green insulated wire from the wall box to the green ground screw on the dimmer.
5. **Mount the Dimmer:** Carefully push the wired dimmer into the wall box. Secure it with the provided mounting screws.
6. **Install Wallplate:** Attach the new or existing Decora-style wallplate over the dimmer.
7. **Restore Power:** Turn the power back ON at the circuit breaker or fuse.

OPERATING INSTRUCTIONS

- **Turning Lights ON/OFF:** Press the small button at the bottom of the dimmer to turn the lights ON or OFF.
- **Dimming Control:** Slide the vertical control lever up to increase light intensity and down to decrease light intensity.
- **Preset Feature:** When the lights are OFF, pressing the bottom button will turn the lights ON to the last dimmed level you set with the slide control. This allows for instant recall of your preferred brightness.

MAINTENANCE

The Leviton 6623-PI dimmer switch requires minimal maintenance.

- **Cleaning:** To clean the dimmer and wallplate, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No User Serviceable Parts:** There are no user-serviceable parts inside the dimmer. Do not attempt to open or repair the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn ON.	No power to the dimmer; loose wiring; bulb burned out.	Check circuit breaker/fuse. Verify all wire connections are secure. Replace bulb.
Lights do not dim or flicker.	Incorrect load type (not incandescent); dimmer overloaded; loose wiring.	Ensure only incandescent bulbs are used. Verify total wattage does not exceed 600W. Check wiring connections.

Problem	Possible Cause	Solution
Dimmer is warm to the touch.	Normal operation.	It is normal for dimmers to feel warm during operation. If it is excessively hot or smells, turn off power and consult an electrician.

SPECIFICATIONS

- **Model:** 6623-PI (Item Model Number: CECOMINOD058703)
- **Brand:** Leviton
- **Color:** Ivory
- **Operation Mode:** Manual
- **Operating Voltage:** 120 Volts AC, 60Hz
- **Load Type:** Incandescent
- **Load Rating:** 600 Watts
- **Circuit Type:** 3-Way (Multi-location)
- **Actuator Type:** Slide
- **Contact Material:** Copper, Brass
- **Connector Type:** Screw Terminal
- **International Protection Rating:** IP54
- **Item Weight:** Approximately 4.5 ounces
- **UPC:** 078477017623
- **Certifications:** ETL, IEC 60669-2-1:2002

WARRANTY INFORMATION

This Leviton 6623-PI dimmer switch is covered by a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact Leviton customer support.

CUSTOMER SUPPORT

For technical assistance, product information, or warranty inquiries, please visit the official Leviton website or contact their customer service department. Always refer to the specific model number (6623-PI) when seeking support. You can find more information at: [Leviton Official Store on Amazon](#)

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