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Lutron DVRF-PKG1D-WH

Lutron Diva Smart Dimmer Light Switch Instruction Manual

Model: DVRF-PKG1D-WH

INTRODUCTION

The Lutron Diva Smart Dimmer Light Switch 3-Way Kit is designed to provide precise lighting control, energy savings, and customizable ambiance for your home. This smart dimmer integrates seamlessly with Lutron Caseta products and is engineered to match your existing paddle-style dimmer switches for a consistent, elegant look. The kit includes a Pico paddle remote, offering an additional point of control without the need for extra wiring.

WHAT'S IN THE BOX

- 1 x Lutron Diva Smart Dimmer Switch
- 1 x Pico Paddle Remote
- 1 x Coordinating Claro Wallplate
- 1 x Wallmount Bracket for Pico Remote
- Wire Label Stickers



Figure 1: Contents of the Lutron Diva Smart Dimmer Kit, including the dimmer switch, Pico remote, wallplate, wallmount bracket, and wire labels.

KEY FEATURES

- **No Neutral Wire Required:** Works in any home, old or new, simplifying installation.
- **Seamless Caséta Integration:** Designed to integrate smoothly with existing Lutron Caséta products.
- **Aesthetic Match:** Matches your home's paddle-style dimmer switches for a cohesive look.
- **Pico Remote Control:** Provides an additional point of control, mountable on the wall as a 3-way smart switch or used as a handheld remote.
- **Smart Home Compatibility:** When paired with the Caséta Smart Hub (sold separately), enables app control, smart scheduling, and compatibility with Alexa, Apple Home, Google Home, Ring, and Sonos.
- **Precise Dimming:** Features a soft-glow light bar and slider for smooth, accurate light level adjustments.
- **Preset Function:** Allows easy lighting adjustments to a preferred level from either the dimmer or the Pico remote.
- **Broad Bulb Compatibility:** Supports up to 150W dimmable LED bulbs or 600W incandescent bulbs.
- **Long-lasting Pico Remote:** The Pico remote boasts a 10-year typical battery life.

Safety Warning

WARNING! Risk of electric shock. Incorrect installation could be dangerous or illegal. Multiple breakers and/or fuses may need to be shut off for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.

Tools Required

- Screwdriver (Phillips and Flathead)
- Voltage Tester (Non-contact recommended)
- Wire Strippers/Cutters (if needed)

Installation Steps (3-Way Setup)

1. **Turn Off Power:** Locate your circuit breaker panel and turn off the power to the light switch you are replacing. Ensure power is off at both switch locations if it's a 3-way setup. Use a voltage tester to confirm no power is present at the wires.

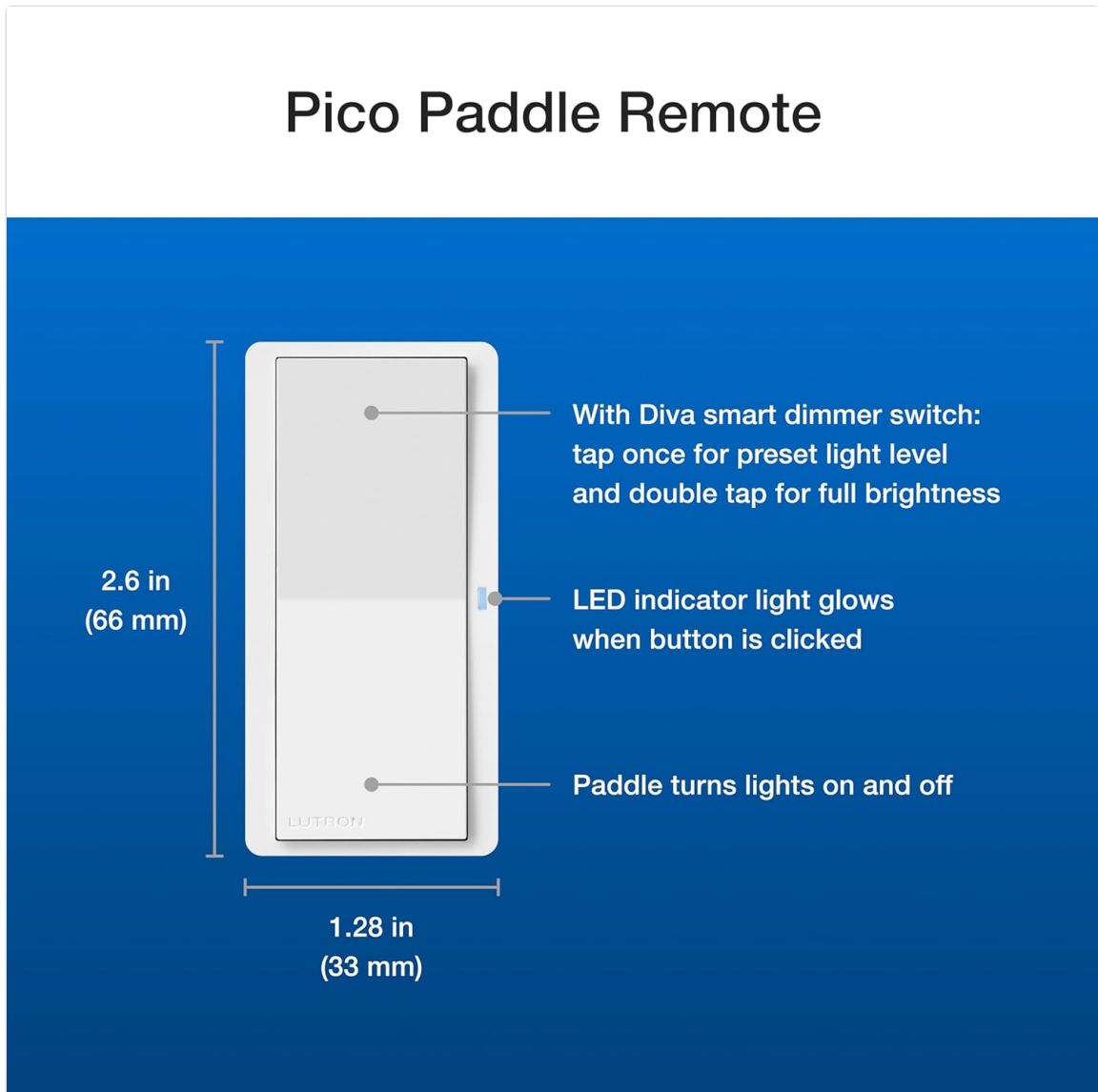


Figure 2: Back of the Diva Smart Dimmer showing wiring terminals. Note that no neutral wire is required.

2. **Identify Wires:** Carefully remove the existing switches from the wall box. You will typically find a Line/Hot wire (always live), a Load wire (goes to the light fixture), and two Traveler wires (connects the two 3-way switches). Use your voltage tester to identify the Line/Hot wire (it will show power even when other wires don't).

3-way

Control lights from 2 locations

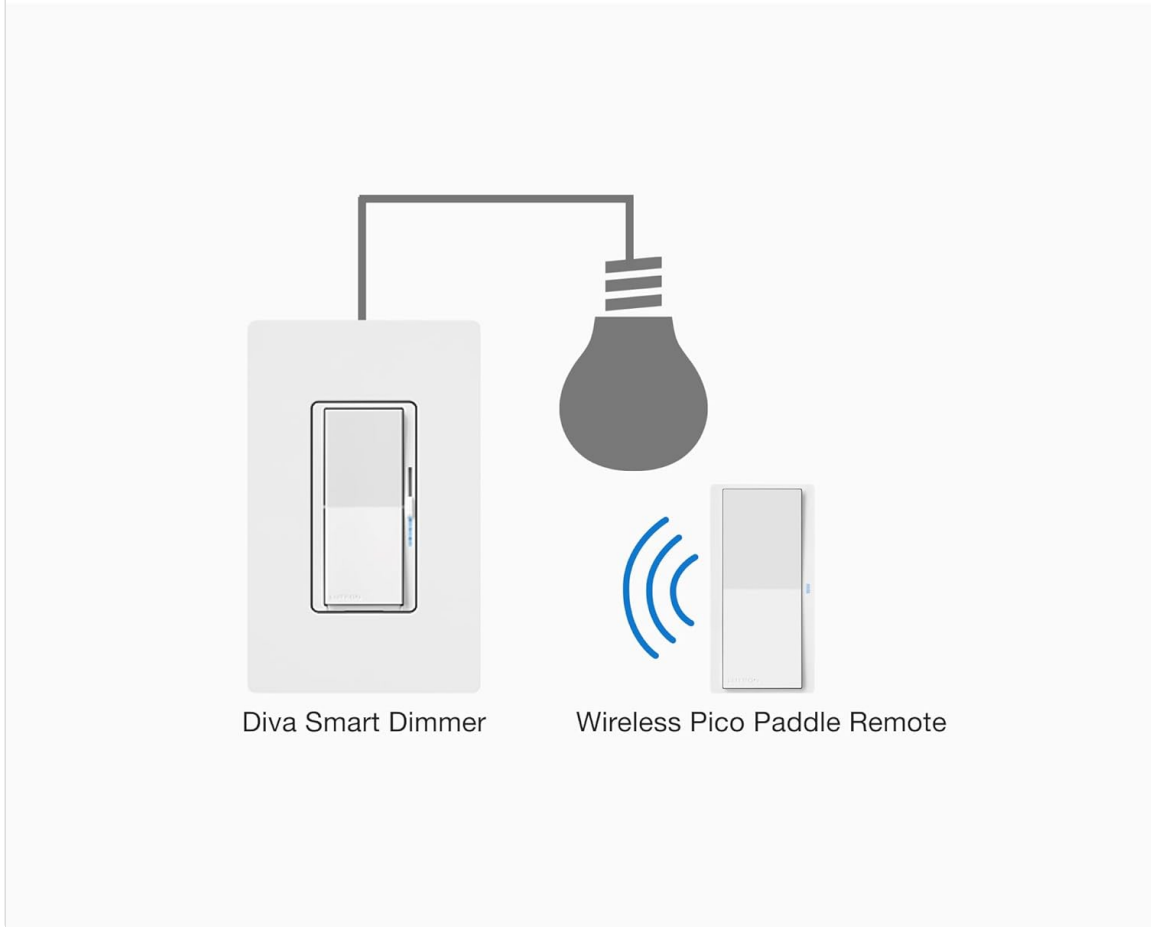


Figure 3: Schematic diagram for a 3-Way Installation using the Diva Smart Dimmer and Pico Remote Control. The dimmer can be installed at either location.

- 3. Wiring the Diva Smart Dimmer:** At the location where you identified the Line/Hot wire, connect the Diva Smart Dimmer according to the provided wiring diagram. The Diva dimmer does not require a neutral wire.
- 4. Wiring the Pico Remote:** At the second switch location (where the Line/Hot wire was NOT found), you will cap off the Line/Hot wire (if present) and connect the two Traveler wires together. The Pico remote does not require wiring and will communicate wirelessly with the Diva dimmer.



Add a 2nd “Switch” Almost Anywhere

Create a new 3-way wirelessly by pairing Pico remote with a wired Caséta dimmer or switch, and mounting Pico remote to almost any wall surface - no cutting holes or wiring required.

Figure 4: The Pico remote can be mounted on almost any wall surface to create a second 'switch' without cutting holes or wiring.

5. **Mounting:** Secure the Diva Smart Dimmer into the wall box. Mount the Pico remote using the included wallmount bracket at the second location.
6. **Restore Power:** Once all connections are secure and switches are mounted, return to your circuit breaker panel and turn the power back on.

OPERATING INSTRUCTIONS

Using the Diva Smart Dimmer

- **Turn On/Off:** Press the large paddle switch to turn lights on or off.
- **Dimming:** Use the sleek slider on the side to precisely adjust light levels.
- **Preset Function:** Tap the paddle once to turn on to your last set brightness level. Double-tap for full brightness.
- **Delayed Fade to Off:** Press and hold the paddle to initiate a delayed fade to off.



Easy and Precise Dimming

Slider provides easy and precise control; soft-glow light bar can help you find your dimmer in the dark.

Figure 5: The Diva Smart Dimmer features a soft-glow light bar and slider for precise control.

Using the Pico Paddle Remote

- **Turn On/Off:** Press the top or bottom paddle buttons to turn lights on or off.
- **Preset/Full Brightness:** When paired with the Diva Smart Dimmer, tap the top button once for the preset light level and double-tap for full brightness.
- **LED Indicator:** An LED indicator light glows when a button is clicked.

Diva Smart Dimmer Switch

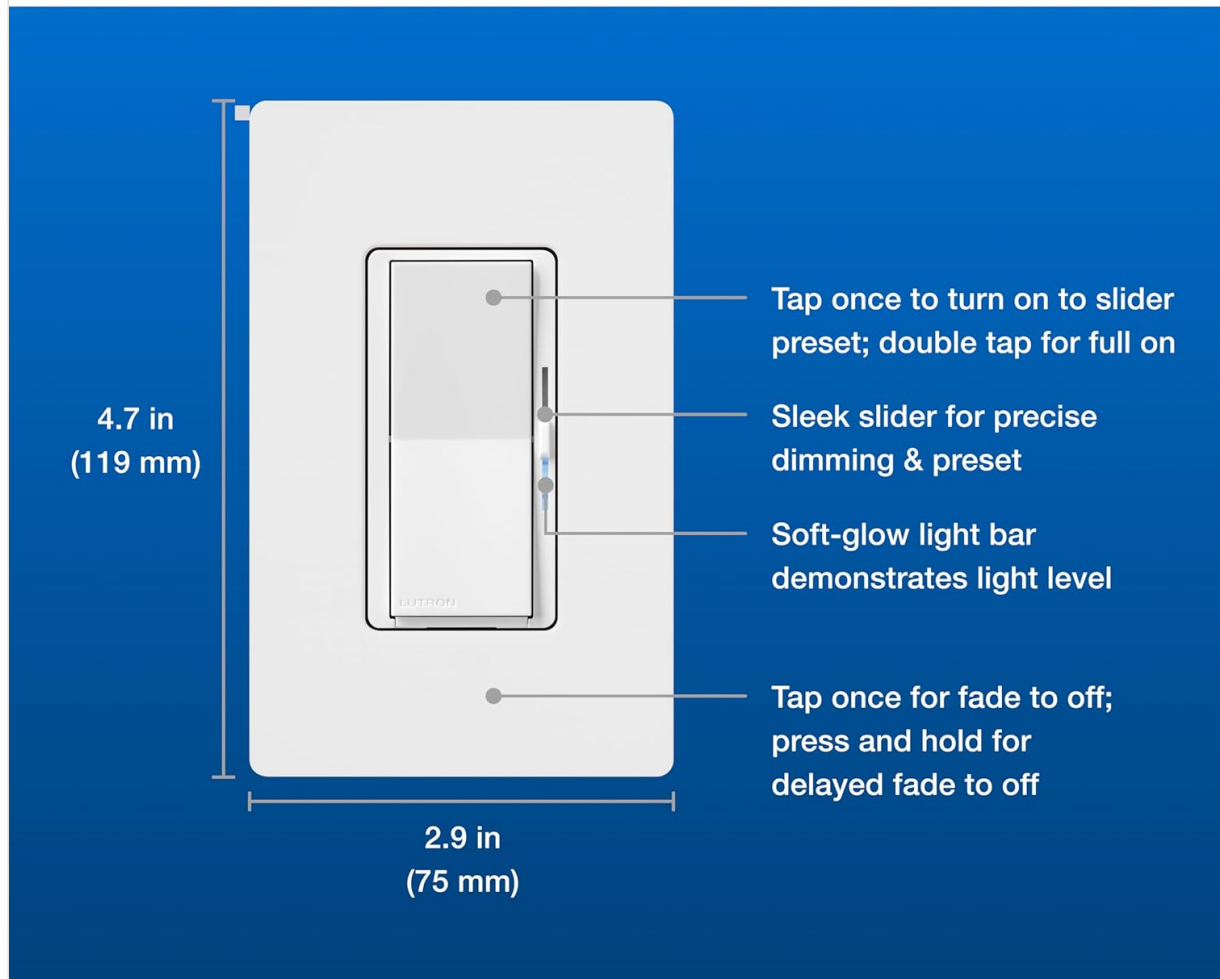


Figure 6: The Pico Paddle Remote provides convenient control from anywhere in the room.

SMART HOME INTEGRATION

For advanced home automation features, the Lutron Diva Smart Dimmer can be paired with a Lutron Caseta Smart Hub (L-BDG2-WH, sold separately). The Smart Hub provides an ultra-reliable and responsive local network for your lighting system.

Benefits with Smart Hub

- **Smartphone/App Control:** Control lights from anywhere using the Lutron app.
- **Voice Control:** Compatible with leading voice assistants like Alexa, Apple Home, and Google Home.
- **Smart Scheduling:** Set schedules for your lights to turn on/off or dim automatically.
- **Scenes:** Create custom lighting scenes for different moods or activities.
- **Integration:** Connects with other smart home devices such as Ring and Sonos.



Get More, Spend Less

One Caséta dimmer can make many bulbs or fixtures smart, even existing ones. Save money and keep your style options open by putting smart lighting at the switch.

Figure 7: The Lutron Smart Hub unlocks advanced features and broad compatibility.

TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	DVRF-PKG1D-WH
Product Dimensions	1.5 x 2.25 x 4.13 inches
Item Weight	9.59 ounces
Manufacturer	Lutron
Operation Mode	ON-NONE-ON
Current Rating	1.25 Amps
Operating Voltage	120 Volts
Circuit Type	3-way
Actuator Type	Rocker

MAINTENANCE

- **Cleaning:** Wipe the dimmer and remote with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Pico Remote Battery:** The Pico remote has a 10-year battery life. If the remote stops responding, replace the internal battery (CR2032 coin cell).

TROUBLESHOOTING

- **Lights Not Responding:** Ensure power is on at the breaker. Check all wire connections for tightness. If using a Smart Hub, ensure it is powered and connected.
- **Dimmer Not Dimming:** Verify that the bulbs are dimmable. Check the dimmer's maximum wattage rating.
- **Pico Remote Not Controlling Lights:** Ensure the Pico remote is properly paired with the Diva Smart Dimmer. Check the Pico remote's battery.
- **Interference:** If experiencing intermittent control, ensure the dimmer and remote are not too close to large metal objects or other sources of electrical interference.

WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact Lutron customer service. Lutron offers 24/7 support to assist with any questions or issues you may encounter.

Lutron Support: 1-800-LUTRON1