



Manuals.plus /

› Lutron /

› Lutron Caseta 3 Way Smart Dimmer Light Switch Kit, Includes Pico Remote, Bracket, and LED Dimmer Switch, No Neutral Required, P-PKG1WB-WH White 1 Pack Caseta Dimmer Switch 3-Way Kit

## Lutron P-PKG1WB-WH

# Lutron Caseta 3 Way Smart Dimmer Light Switch Kit Instruction Manual

Model: P-PKG1WB-WH | Brand: Lutron

## PRODUCT OVERVIEW

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The Lutron Caseta 3 Way Smart Dimmer Light Switch Kit provides convenient smart lighting control for your home. This system integrates seamlessly into smart home environments, offering automated light adjustment for various settings. Control your lights from anywhere using the included Pico remote or through a smartphone when connected to the Lutron Caseta Smart Hub (sold separately).

This kit is designed for easy installation and broad compatibility, supporting up to 600-Watt for incandescent or halogen bulbs and 150-Watt for dimmable LEDs, with no neutral wire required.



Image: The Lutron Caseta 3 Way Smart Dimmer Light Switch Kit, showing the dimmer, Pico remote, and wallplate bracket.

### What's in the Box:

- (1) Caseta Smart Dimmer Switch
- (1) Pico remote
- (1) Wallplate Bracket

*Note: Claro Wallplate and Lutron Caseta Smart Hub (L-BDG2-WH) are sold separately.*

## SETUP AND INSTALLATION

Before beginning installation, ensure power is turned off at the circuit breaker to prevent electric shock. This kit is designed for DIY-friendly 3-way installations, allowing you to add a second switch location without running new wires.

## Safety Precautions:

- **WARNING: SHOCK HAZARD. May result in serious injury or death. Turn off power at circuit breaker or fuse before installing.**

## Installation Steps:

1. **Turn off Power:** Locate the circuit breaker controlling the light switch you intend to replace and turn off the power. Verify power is off using a voltage tester.
2. **Remove Existing Switch:** Carefully remove the wallplate and mounting screws from the existing switch. Gently pull the switch away from the wall box.
3. **Identify Wires:**
  - Identify the ground wire (bare copper or green wire).
  - Identify the common wire (connected to a screw of a different color, not green, or labeled "common"). Tag this wire with electrical tape for easy identification.
  - Note the remaining traveler wires.
4. **Disconnect Wires:** Disconnect all wires from the existing switch by loosening screws and unhooking wires.
5. **Install Caseta Dimmer (Location 1):**
  - Connect the green dimmer wire to the bare copper or green ground wire in the wall box using a wire connector.
  - Connect one of the remaining dimmer wires to the tagged common wire using a second wire connector.
  - Connect the last dimmer wire to both remaining wall box wires (travelers) using a third wire connector.
  - Carefully tuck all wires back into the wall box.
  - Align the Caseta wireless dimmer with the wall box and mount it using the screws provided with the dimmer.
6. **Install Pico Remote (Location 2):**
  - At the second switch location, remove the existing switch and disconnect all wires. Cap off all wires in the wall box using wire connectors.
  - Remove the plastic insert from the back of the Pico remote control.
  - Slide the Pico remote control onto the wallplate bracket.
  - Secure the wallplate bracket to the wall box by inserting the provided mounting screws through the holes in the bracket and into the wall box.

# Kit Components

## Original Caséta Smart Dimmer Switch



## Pico Remote



## Pico Wallplate Bracket



P-PKG1WB-WH

Image: Kit components including the Caséta Smart Dimmer Switch, Pico Remote, and Pico Wallplate Bracket.

Your browser does not support the video tag.

Video: Official Lutron installation guide for Caséta Dimmer 3-Way setup. This video demonstrates the wiring process for replacing existing 3-way switches with Caséta Wireless dimmers and Pico remotes.

## OPERATING INSTRUCTIONS

Once installed, the Lutron Caséta dimmer and Pico remote offer intuitive control over your lighting.

### Caséta Smart Dimmer Operation:

# Caséta Smart Dimmer

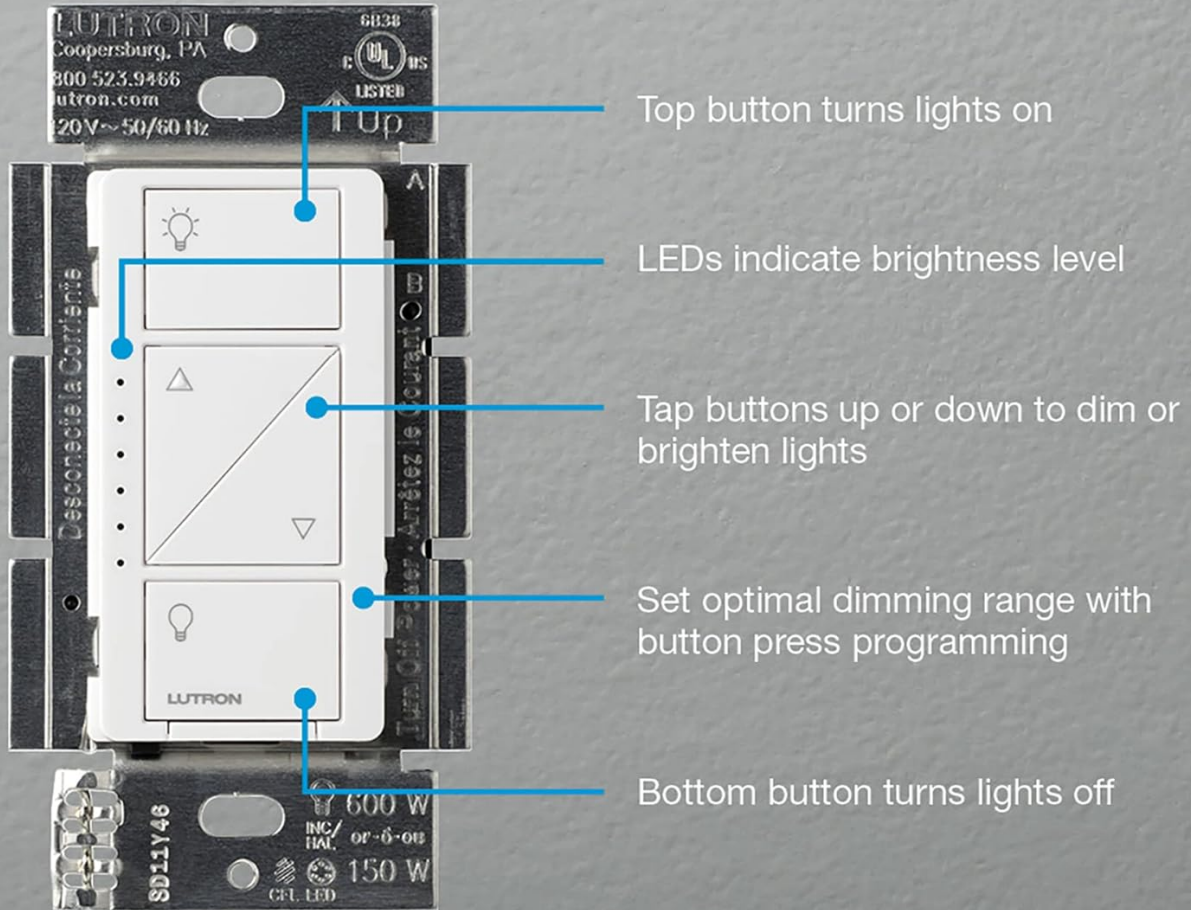


Image: Detailed view of the Caséta Smart Dimmer, highlighting its buttons and their functions.

- **Top Button:** Turns lights ON to full brightness.
- **Up/Down Arrows:** Tap to dim or brighten lights incrementally.
- **LEDs:** Indicate the current brightness level.
- **Bottom Button:** Turns lights OFF.
- **Optimal Dimming Range:** Can be set with button press programming (refer to advanced settings in the full user guide).

## Pico Wireless Remote Operation:

# Pico Wireless Remote for Dimming

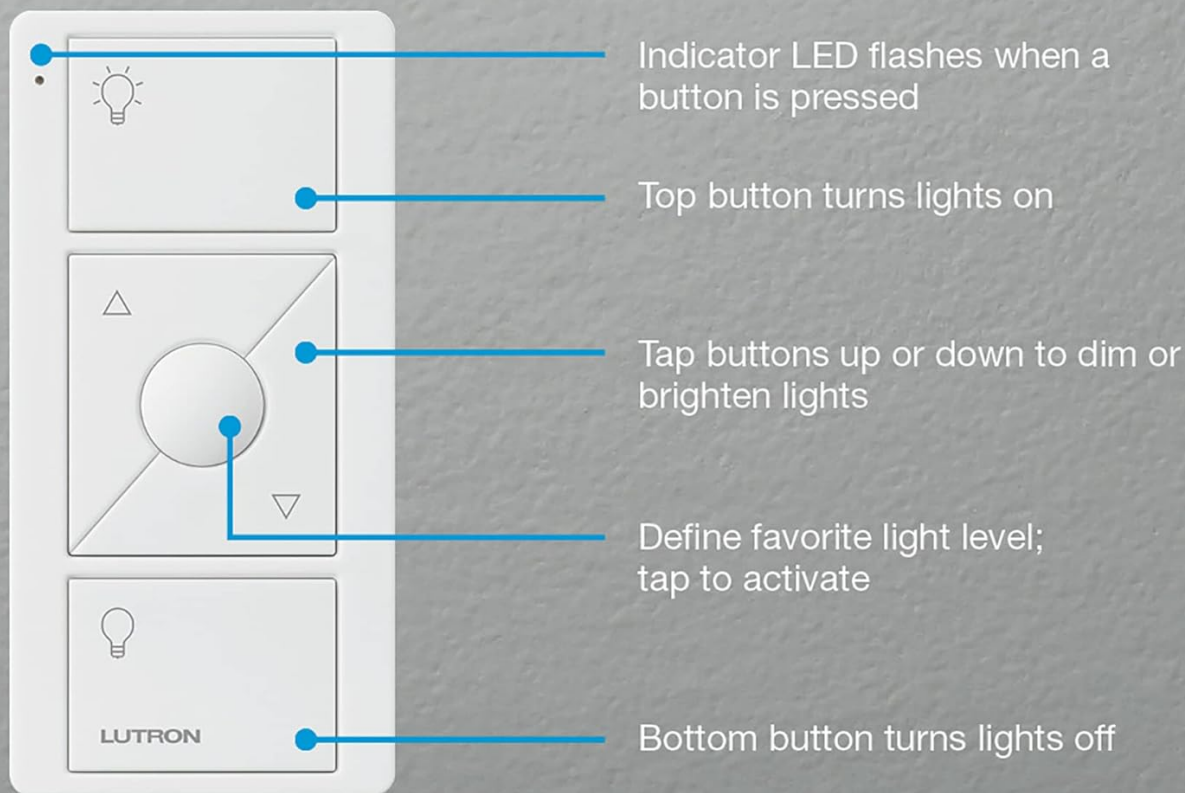


Image: Detailed view of the Pico Wireless Remote, highlighting its buttons and their functions.

- **Top Button:** Turns lights ON.
- **Up/Down Arrows:** Tap to dim or brighten lights.
- **Center Button:** Define a favorite light level; tap to activate.
- **Bottom Button:** Turns lights OFF.
- **Indicator LED:** Flashes when a button is pressed.

## Pairing Pico Remote with Dimmer:

To pair the Pico remote control with the in-wall dimmer:

1. Press and hold the OFF button on the in-wall dimmer for 6 seconds until the LEDs on the dimmer start blinking.
2. While the dimmer LEDs are blinking, press and hold the OFF button on the Pico remote control for 6 seconds until the light you are controlling flashes three times.
3. The Pico remote is now paired and can control the dimmer from its mounted location or as a handheld remote.

# 3-way

Control lights from 2 locations

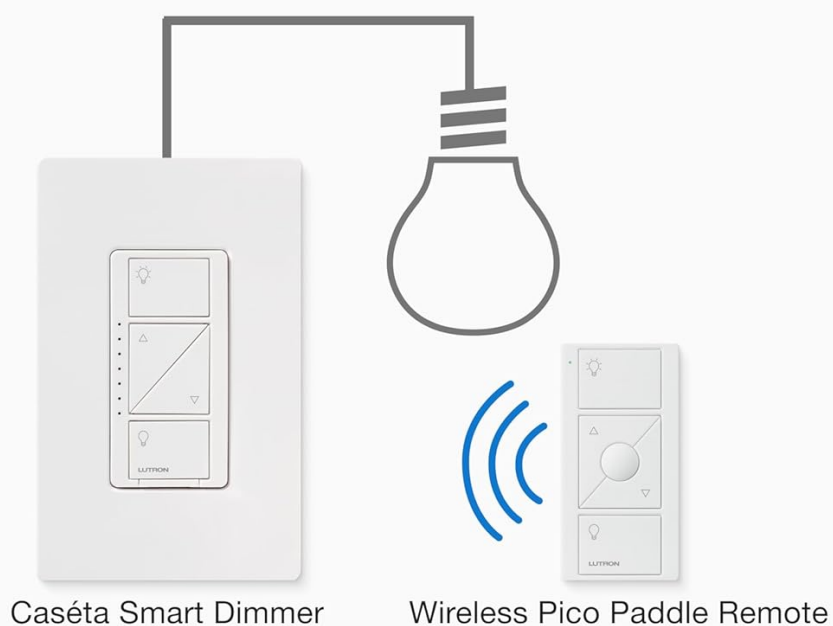


Image: Illustration of a 3-way lighting setup, demonstrating how the Caséta Smart Dimmer and Wireless Pico Paddle Remote work together to control lights from two locations.

*The Pico remote has a 10-year typical battery life.*

## Smart Home Integration (with Smart Hub):

For expanded control and smart home features, connect your Caséta devices to the Lutron Caséta Smart Hub (L-BDG2-WH, sold separately). This unlocks advanced functionalities:

- Smartphone/App Control
- Voice Control (Works with Alexa, Apple HomeKit, Google Home, Ring, Sonos, and more)
- Schedules (e.g., turn lights on at sunset)
- Scenes (custom lighting presets)
- Smart Away (randomly turns lights on/off when you're away)
- Multi-Home Control
- Thermostat Integration
- Music Integration
- Countdown Timer

# Lutron Hub – Unlock the Benefits



Image: Visual representation of the various benefits and integrations offered by the Lutron Hub, including app control, voice control, and scheduling.

## MAINTENANCE

The Lutron Caseta dimmer and Pico remote are designed for reliable, long-term performance with minimal maintenance.

- **Cleaning:** Clean the dimmer and remote surfaces with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Battery Replacement (Pico Remote):** The Pico remote uses a standard coin-cell battery (CR2032). If the remote's indicator LED does not light up when a button is pressed, or if control becomes unreliable, replace the battery. To replace, gently pry open the back cover of the remote.
- **Firmware Updates:** If using with a Lutron Caseta Smart Hub, ensure your system's firmware is kept up-to-date through the Lutron app for optimal performance and security.

## TROUBLESHOOTING

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If you encounter issues with your Lutron Caseta system, try the following troubleshooting steps:

Problem	Possible Cause / Solution
Lights do not turn ON/OFF or dim.	<ul style="list-style-type: none"><li>◦ Check if the circuit breaker is ON.</li><li>◦ Ensure all wiring connections are secure.</li><li>◦ Verify the dimmer is correctly installed (no neutral wire required).</li><li>◦ For Pico remote, check battery (replace if necessary).</li><li>◦ Re-pair the Pico remote with the dimmer (see "Pairing Pico Remote with Dimmer" section).</li></ul>
Lights flicker or do not dim properly.	<ul style="list-style-type: none"><li>◦ Ensure you are using dimmable LED bulbs.</li><li>◦ Adjust the low-end trim setting on the dimmer (refer to the full user guide for instructions).</li><li>◦ Some LED bulbs may not be fully compatible; try different brands or types of dimmable LEDs.</li></ul>
Pico remote not responding.	<ul style="list-style-type: none"><li>◦ Replace the battery (CR2032).</li><li>◦ Re-pair the Pico remote with the dimmer.</li><li>◦ Ensure the remote is within range of the dimmer (up to 30 feet).</li></ul>
Cannot control lights via smartphone app.	<ul style="list-style-type: none"><li>◦ Ensure the Lutron Caseta Smart Hub is powered on and connected to your home network.</li><li>◦ Verify your smartphone is connected to the internet.</li><li>◦ Check the Lutron app for any error messages or update notifications.</li><li>◦ Restart the Smart Hub and your Wi-Fi router.</li></ul>

## SPECIFICATIONS

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Feature	Detail
Model Number	P-PKG1WB-WH
Product Dimensions	1.13 x 2.93 x 4.69 inches
Weight	5.93 ounces
Power Rating (Incandescent/Halogen)	Up to 600-Watt
Power Rating (Dimmable LED)	Up to 150-Watt
Neutral Wire Required	No
Operating Voltage	120 Volts
Circuit Type	Single-Pole/3-Way
Pico Remote Battery	1 Lithium Metal battery (included)
Pico Remote Battery Life	10 years (typical)
Manufacturer	Lutron Electronics Co., Inc.

## WARRANTY AND SUPPORT

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Lutron products are UL Listed and 100 percent end of line tested before they ship, ensuring quality and reliability.

For detailed warranty information, please refer to the official Warranty document:

[Lutron Caseta Warranty \(PDF\)](#)

For additional support, installation walkthroughs, and technical assistance, you can contact Lutron directly:

- **Technical Support:** 1-800-LUTRON1 (available 24/7)
- **Online User Guide:** [Lutron Caseta User Guide \(PDF\)](#)
- **Visit the Lutron Store:** [Lutron Amazon Store](#)