Lutron PD-6ANS-WH

Lutron Caseta Smart Light Switch

Model: PD-6ANS-WH

User Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Lutron Caseta Smart Light Switch (Model PD-6ANS-WH). This smart switch offers convenient on/off control for various lighting types and fans, integrating with smart home systems for enhanced automation.

The Lutron Caseta Smart Light Switch is designed for use with incandescent, halogen, ELV, MLV loads up to 720 Watts, dimmable LED/CFL loads up to 6 Amps, and general-purpose fans up to 3.6 Amps. For full smart home functionality, a Lutron Caseta Smart Hub (L-BDG2-WH) is required and sold separately.

2. Safety Information

WARNING: RISK OF ELECTRIC SHOCK. Improper installation can result in serious injury or death. Always turn off power at the circuit breaker or fuse box before installing. Consult a qualified electrician if you are unsure about any part of the installation process.

- For indoor use only.
- Install in accordance with all national and local electrical codes.
- A neutral wire is REQUIRED for the operation of this switch. If you do not have a neutral wire in your switch box, this product is not compatible.
- Do not use with loads exceeding the specified ratings.
- Ensure all wire connections are secure.

3. Package Contents

Your package includes:

- 6 x Lutron Caseta Smart Light Switches (PD-6ANS-WH)

Note: Coordinating wall plates, Pico remote controls, and the Caseta Smart Hub are sold separately.



Image: Six Lutron Caseta Smart Light Switches (PD-6ANS-WH) as they appear out of the box.

4. Product Overview

The Lutron Caseta Smart Light Switch features intuitive controls and a clean design.

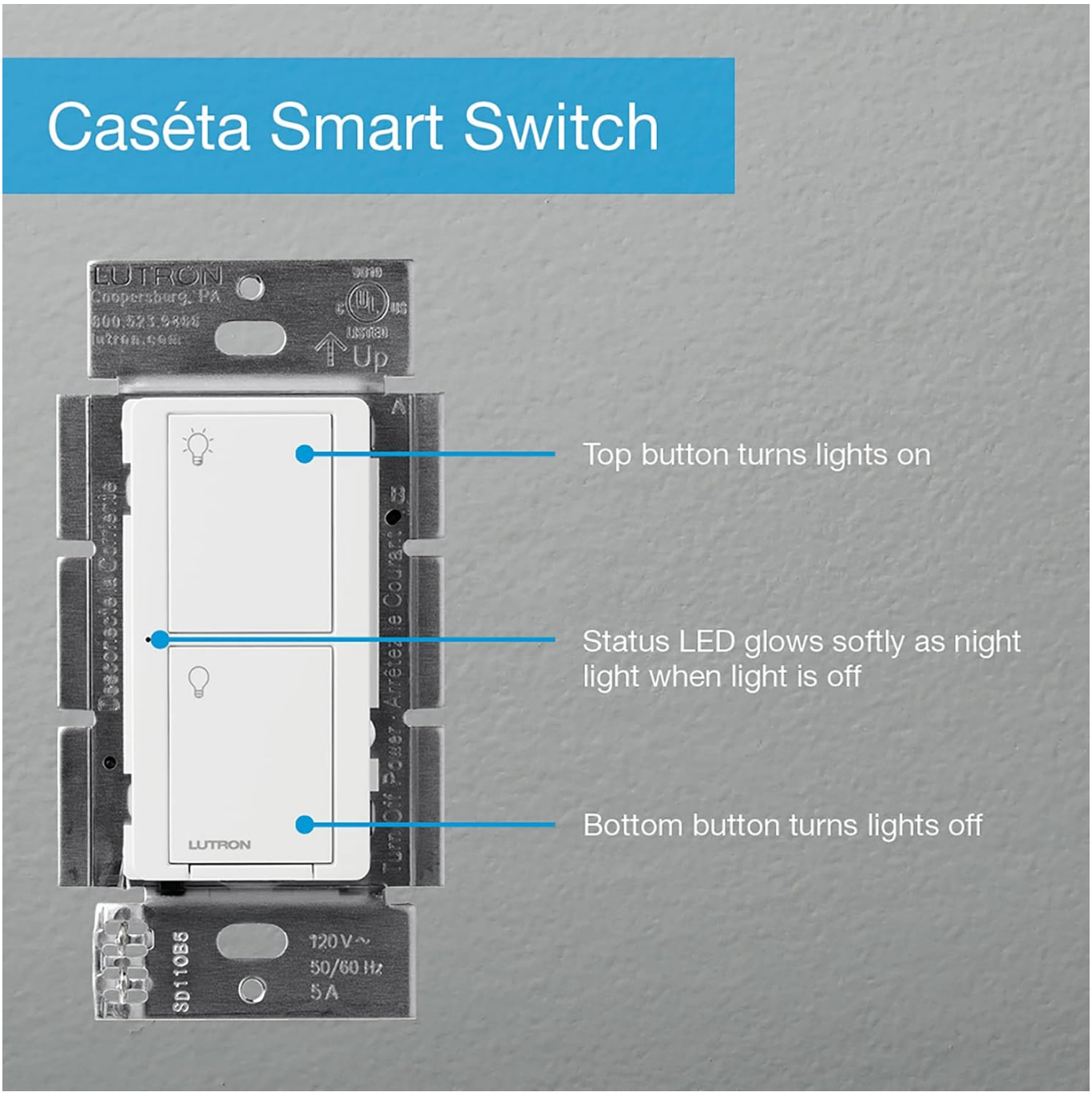


Image: Labeled components of the Caseta Smart Switch.

- **Top Button:** Turns lights ON.
- **Bottom Button:** Turns lights OFF.
- **Status LED:** Glows softly as a night light when the light is off, indicating the switch's status.

5. Installation

Installation typically takes around 15 minutes. Ensure power is OFF at the circuit breaker before proceeding.

5.1 Wiring Requirements

- A neutral wire is required for this switch.
- The switch is compatible with single-pole and 3-way applications.



Image: Rear view of the Caseta Smart Switch with wiring.

5.2 Installation Types

The Caseta Smart Switch offers flexible installation options:

- **Single-Pole:** One switch controls the light(s). Replace your existing switch with the Caseta Smart Switch.
- **Wireless 3-Way:** Two switches control the light(s). Replace one existing switch with the Caseta Smart Switch and the other with a Pico remote mounted over the existing electrical box (using a PICO-WBX-ADAPT bracket, sold separately).
- **Add a 2nd Switch Anywhere:** For lights controlled by a single Caseta Smart Switch, you can add a Pico remote to almost any wall surface without cutting holes or pulling new wire.
- **Wireless Multi-Location:** For applications with three or more switches controlling the same light(s), replace one switch with the Caseta Smart Switch and the others with Pico remotes mounted over existing electrical boxes.



Image: Overview of Caseta switch installation methods.

5.3 Caseta Smart Hub (Required for Smart Features)

To unlock advanced smart features, app control, and voice control, the Lutron Caseta Smart Hub (L-BDG2-WH) is required. The hub connects to your home network and communicates wirelessly with your Caseta devices.



Image: The Lutron Caseta Smart Hub, essential for smart lighting experience.

- Creates an ultra-fast and ultra-reliable network that does not rely on Wi-Fi.
- Works even if your home Wi-Fi goes down.
- Enables control from anywhere in the world via the Lutron app.

6. Operating Instructions

The Caseta Smart Light Switch offers multiple ways to control your lights and fans.

6.1 Manual Control

Press the top button on the switch to turn the connected load ON. Press the bottom button to turn the connected load OFF.

6.2 Lutron App Control

With the Caseta Smart Hub and the free Lutron app, you can control your lights from your smartphone or tablet, from anywhere in your home or around the world.



Image: Controlling lights via the Lutron app and voice assistant.

- **Scheduling:** Set lights to turn on/off automatically at specific times or based on sunrise/sunset.
- **Scenes:** Create custom lighting scenes for different activities or moods.
- **Smart Away:** Randomly turn lights on/off while you're away to give the appearance of an occupied home.

6.3 Voice Control

The Caseta Smart Switch is compatible with leading voice assistants such as Amazon Alexa, Apple Home, and Google Assistant (Caseta Smart Hub required). Simply use voice commands to control your lights.

6.4 Pico Remote Control

Pair your Caseta Smart Switch with a wireless Pico remote control (sold separately) for added convenience. The Pico remote can be handheld, mounted on a pedestal, or mounted to a wall surface to provide control from anywhere in the home.



Image: Pico remote control for flexible placement and control.

6.5 Smart Home Integration

The Caseta system works with a wide range of smart home devices and platforms, including Ring, Serena shades, Sonos, and more, allowing for comprehensive home automation.



Image: Caseta system compatibility with various smart home platforms.

6.6 Applications

The Caseta Smart Switch is suitable for various applications where on/off control is desired:

- **Outdoor Lighting:** Ideal for controlling outdoor lights where dimming is not required.
- **Ceiling Fans:** Provides smart on/off control for ceiling fans, allowing for scheduling and scene integration.



Image: Caseta Smart Switch controlling outdoor lighting.



Image: Caseta Smart Switch controlling a ceiling fan.

7. Maintenance

To maintain the appearance and functionality of your Lutron Caseta Smart Light Switch:

- Clean with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the switch is free from dust and debris.

8. Troubleshooting

If you experience issues with your Caseta Smart Light Switch, consider the following:

- **No Power to Light:** Check the circuit breaker to ensure power is restored. Verify all wiring connections are secure. Confirm a neutral wire is present and correctly connected.

- **Switch Not Responding:** Ensure the Caseta Smart Hub (if used) is powered on and connected to your network. Try resetting the switch by turning off power at the breaker for 10 seconds, then turning it back on.
- **Intermittent Operation:** Check for loose wiring. Ensure the load type (incandescent, LED, fan) is within the switch's specified ratings.
- **Pico Remote Not Controlling Switch:** Ensure the Pico remote is properly paired with the switch. Refer to the Pico remote's instructions for pairing procedures.

For further assistance, please contact Lutron Customer Support.

9. Specifications

Feature	Detail
Model Number	PD-6ANS-WH
Operation Mode	ON-OFF
Current Rating	6 Amps
Operating Voltage	120 Volts
Contact Type	Normally Open
Circuit Type	3-way
Product Dimensions (L x W x H)	1.44 x 2.94 x 4.69 inches
Weight	0.01 ounces
Manufacturer	Lutron

10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official Lutron website. Lutron provides 24/7 customer support.

Manufacturer: Lutron

Contact: Refer to Lutron's official website or product packaging for current contact information.

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