Thank you for purchasing Caséta Wireless from Lutron. This document will guide you through several additional installation topics beyond those covered in the quick-start guide included with your product.

Table of Contents

3-Way Installation - If you have two switches controlling your lights, follow this procedure to install your in-wall dimmer or switch
With a Pico Remote Control
In-Wall Dimmer with Pico Remote Control (PD-6WCL): ................................................................. Page 2 - 5
In-Wall Switch with Pico Remote Control (PD-5WS-DV): ............................................................ Page 6 - 9
In-Wall PRO Dimmer with Pico Remote Control (PD-10NXD): ..................................................... Page 10 - 13
In-Wall Neutral Switch with Pico Remote Control (PD-5ANS/PD-6ANS): .................................. Page 14 - 17
In-Wall ELV+ Dimmer with Pico Remote Control (PD-5NE): ....................................................... Page 18 - 21
In-Wall Fan Control with Pico Remote Control (PD-FSQN): ....................................................... Page 22 - 25
With a Mechanical Toggle Switch
In-Wall Switch with Mechanical Toggle Switch (PD-5WS-DV): .................................................... Page 26 - 28
In-Wall PRO Dimmer with Mechanical Toggle Switch (PD-10NXD): ........................................ Page 29 - 31
In-Wall Neutral Switch with Mechanical Toggle Switch (PD-5ANS/PD-6ANS): ................................ Page 32 - 34

Multi-Location Installation - If you have three or more switches controlling your lights, follow this procedure to install your in-wall dimmer or switch
In-Wall Dimmer with Pico Remote Controls (PD-6WCL): ............................................................... Page 35 - 39
In-Wall PRO Dimmer with Pico Remote Controls (PD-10NXD): ................................................. Page 40 - 44
In-Wall Switch with Pico Remote Controls (PD-5WS-DV): .......................................................... Page 45 - 49
In-Wall Neutral Switch with Pico Remote Controls (PD-5ANS/PD-6ANS): ................................ Page 50 - 54
In-Wall ELV+ Dimmer with Pico Remote Controls (PD-5NE): .................................................... Page 55 - 59
In-Wall Fan Control with Pico Remote Controls (PD-FSQN): ..................................................... Page 60 - 64

Adjusting the Low-End Trim - Follow this procedure if you experience performance issues such as flickering, flashing or other abnormal light behavior when your dimmer is at a low light level
On an In-Wall Dimmer (PD-6WCL): .................................................................................................. Page 65
On an In-Wall PRO Dimmer (PD-10NXD): ...................................................................................... Page 67
On an In-Wall ELV+ Dimmer (PD-5NE): ........................................................................................ Page 69
On a Plug-In Lamp Dimmer (PD-3PCL): .......................................................................................... Page 71

Adjusting the High-End Trim - Follow this procedure to adjust the maximum light output allowed by your in-wall dimmer
On an In-Wall Dimmer (PD-6WCL): ................................................................................................. Page 66
On an In-Wall PRO Dimmer (PD-10NXD): ...................................................................................... Page 68
On an In-Wall ELV+ Dimmer (PD-5NE): ........................................................................................ Page 70
On a Plug-In Lamp Dimmer (PD-3PCL): .......................................................................................... Page 72

Converting a Plug-In Lamp Dimmer to a Switch to Control Non-Dim Loads (Lights Only) (PD-3PCL)
Follow this procedure if you would like your plug-in lamp dimmer to act as a switch for non-dimmable lighting loads........................................................................ Page 73

Setting Dimmer Phase on a Caséta Wireless In-Wall ELV+ Dimmer (PD-5NE)............................ Page 74

Removing Paired Pico Remote Controls - Follow this procedure if you need to remove paired Pico remote controls or reset your dimmer or switch to its factory default settings
From a Dimmer (PD-6WCL/PD-10NXD/PD-5NE/PD-3PCL): ............................................................... Page 75
From an In-Wall Switch (PD-5WS-DV/PD-5ANS/PD-6ANS): ......................................................... Page 76
From a Fan Control (PD-FSQN): ..................................................................................................... Page 77
From a Lutron Shade: .................................................................................................................... Page 78-79

Changing the Favorite Light Level on a Pico Remote Control - Follow this procedure to change the light level your dimmer recalls when you press the “Favorite” button on your Pico remote control............................................................................................... Page 80

Changing the Favorite Light Level on an ELV+ Dimmer (PD-5NE) - Follow this procedure to change the light level your dimmer recalls when you press the “Favorite” button on your Phase Selectable Dimmer...................................................................................................... Page 81

Changing the Favorite Fan Speed Setting on a Fan Control (PD-FSQN) - Follow this procedure to change the fan speed your control recalls when you press the “Favorite” button on your Fan Control.................................................................................. Page 82

Installing a LUT-MLC Load Adapter with an In-Wall Switch (PD-5WS-DV) - The LUT-MLC is provided to help ensure proper operation of the Caséta Wireless switch with LED, fluorescent, and ELV lighting loads.................................................................................. Page 83

Troubleshooting.............................................................................................................................. Page 84-85
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  - See quick-start guide that came with your dimmer
- If three or more switches control the lights
  (multi-location installation) See page 35 for details

2 What you need for a 3-way installation

In-wall dimmer
PD-6WCL

Claro Wallplate
CW-1

Pico remote control
with wall-mounting kit
PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in.
This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Location 1

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw
7 Remove side sections (if necessary)
When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed. Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 W</td>
<td>600 W 500 W 400 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>500 W 400 W 300 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>400 W 300 W 200 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>300 W 200 W 100 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>200 W 100 W 50 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>100 W 50 W 0 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>0 W 0 W 0 W</td>
</tr>
</tbody>
</table>

8 Connect the Caséta Wireless dimmer

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch

Place tag - to identify wire on different color screw

Ground (Green Wire)
### 3-Way Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Control (PD-6WCL)

13. **Connect the wires**
   - Location 2

   ![Connect the wires](image)

14. **Attach the wallplate bracket and Pico remote control**
   - Location 2

   ![Attach the wallplate bracket and Pico remote control](image)

15. **Attach the wallplate**
   - Location 2

   ![Attach the wallplate](image)

16. **Turn power on at circuit breaker**

17. **Press and hold “Off” button on dimmer**
   - Location 1

   ![Press and hold “Off” button on dimmer](image)

18. **Press and hold “Off” button on remote control**
   - Location 2

   ![Press and hold “Off” button on remote control](image)

19. **Pair additional remote controls**

   Repeat steps 17 and 18 to pair additional remote controls.
3-Way Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Control (PD-6WCL)

Schematic Diagram

* Dimmer may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 45 for details

2 What you need for a 3-way installation

In-wall switch
PD-5WS-DV

Pico remote control
PJ2-2B

Wallplate Bracket
PICO-WBX-ADAPT

Two Claro Wallplates
CW-1

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless switch installed in.
This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground
(Green/Bare Copper)

Different Color Screw

Location 1
7 Ganging and De-rating

<table>
<thead>
<tr>
<th>Location 1</th>
<th>Location 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tagged Wire</td>
<td>B</td>
</tr>
<tr>
<td>Ground (Green Wire)</td>
<td>A</td>
</tr>
<tr>
<td>Black</td>
<td>Blue</td>
</tr>
</tbody>
</table>

8 Connect the new Caséta Wireless switch

9 Mount the Caséta Wireless switch

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

---

1 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

2 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
**3-Way Installation - Caséta Wireless In-Wall Switch with Pico Remote Control (PD-5WS-DV)**

13 **Connect the wires**

- Location 2

14 **Attach the wallplate bracket and Pico remote control**

- Location 2

15 **Attach the wallplate**

- Location 2

16 **Turn power on at circuit breaker**

17 **Press and hold "Off" button on switch**

- Location 1

18 **Press and hold "Off" button on remote control**

- Location 2

19 **Pair additional remote controls**

Repeat steps 17 and 18 to pair additional remote controls.
Wireless
3-Way Installation - Caséta Wireless In-Wall Switch with Pico Remote Control (PD-5WS-DV)

Schematic Diagram

* Switch may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

2 What you need for a 3-way installation

- Caséta Wireless In-Wall PRO Dimmer with Pico Remote Control (PD-10NXD)
- Claro Wallplate CW-1
- Pico remote control with wall-mounting kit PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Different Color Screw

Ground (Green/Bare Copper)
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

**Important note:**
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>0 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>800 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>1000 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>1500 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>2000 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>2500 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>3000 W</td>
</tr>
<tr>
<td>151 W – 175 W</td>
<td>3500 W</td>
</tr>
<tr>
<td>176 W – 200 W</td>
<td>4000 W</td>
</tr>
<tr>
<td>201 W – 225 W</td>
<td>4500 W</td>
</tr>
<tr>
<td>226 W – 250 W</td>
<td>5000 W</td>
</tr>
</tbody>
</table>

8 Connect the Caséta Wireless dimmer

- Tagged Wire
- Blue
- Ground (Green Wire)
- White *

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

- Wallplate Adapter
- ‘snap’

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch

- Place tag - to identify wire on different color screw
- Different Color Screw
- Ground (Green/Bare Copper)
13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold "Off" button on dimmer

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
* Dimmer may be installed in either location.

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  - See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 50 for details

2 What you need for a 3-way installation

- In-wall switch PD-5ANS/PD-6ANS
- Pico remote control PJ2-2B
- Wallplate Bracket PICO-WBX-ADAPT
- Two Claro Wallplates CW-1

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless switch installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Neutral connection required
### 7 Remove side sections (if necessary)

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

*Important note:*

Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

### 8 Connect the new Caséta Wireless neutral switch

Location 1

**Ground (Green Wire)**

**Red**

**Blue**

**Black**

**White**

**Tagged Wire**

Neutral connection required

### 9 Mount the Caséta Wireless neutral switch

Location 1

### 10 Attach the wallplate

Location 1

**snap**

Wallplate Adapter

Wallplate

### 11 Remove existing switch from wall at Location 2

Location 2

### 12 Tag and disconnect wires from the existing switch

Location 2

Place tag - to identify wire on different color screw

Different Color Screw

Ground (Green/Bare Copper)

---

1 Neutral required.
2 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.
3 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Control (PD-5ANS/PD-6ANS)

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold "Off" button on switch

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
Wireless 3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Control (PD-5ANS/PD-6ANS)

Schematic Diagram

* Switch may be installed in either location.

Note: The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  - See quick-start guide that came with your dimmer
- If three or more switches control the lights (multi-location installation) See page 55 for details

2 What you need for a 3-way installation

ELV+ dimmer
PD-5NE

Claro Wallplate
CW-1

Pico remote control
with wall-mounting kit
PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Access to Neutral is required
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed. Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>PD-5NE (120 V~)</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LED</td>
</tr>
<tr>
<td></td>
<td>Halogen / Incandescent</td>
</tr>
<tr>
<td></td>
<td>Electronics Low-Voltage</td>
</tr>
<tr>
<td></td>
<td>Magnetic Low Voltage</td>
</tr>
</tbody>
</table>

8 Connect the Caséta Wireless dimmer

Location 1

Tagged Wire

Black Wire

Red Wire

White Wire (Neutral Required)

Ground (Green Wire)

9 Mount the Caséta Wireless dimmer

Location 1

10 Attach the wallplate

Location 1

Wallplate Adapter

11 Remove existing switch from wall at Location 2

Location 2

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

12 Tag and disconnect wires from the switch

Location 2

Different Color Screw
**Wireless**

13 Connect the wires

Location 2

14 Attach the wallplate bracket and Pico remote control

Location 2

15 Attach the wallplate

Location 2

16 Turn power on at circuit breaker

17 Press and hold “Off” button on dimmer

Location 1

Until

Status LEDs flash

18 Press and hold “Off” button on remote control

Location 2

Until

Lights flash three times

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
Caseta Wireless
3-Way Installation - Caseta Wireless In-Wall ELV+ Dimmer with Pico Remote Control (PD-5NE)

Schematic Diagram

Location 1
- Line/Hot
  - Black
  - White
- Neutral
- Tagged Wire
- Caseta Wireless Dimmer
- Ground
- Traveler

Location 2
- Tagged Wire

Location 1
- Line/Hot
  - Tagged Wire
- Neutral
- Pico Remote Control
- Ground
- Load
- Tagged Wire

Location 2
- Black
  - Red
  - White
- Caseta Wireless Dimmer
- Ground
- Traveler
- Load
Caséta Wireless
3-Way Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Control (PD-FSQN)

1 Identify existing wiring

Two switches control the fan (3-way installation)

Important note:
- If one switch controls the fan (single-pole installation)
  See quick-start guide that came with your control
- If three or more switches control the fan
  (multi-location installation) See page 60 for details

2 What you need for a 3-way installation

Fan Control
PD-FSQN

Two Claro Wallplates
CW-1

Pico Wallbox Adapter
PICO-WBX-ADAPT

Pico Remote Control for Fans
PJ2-3BRL-XXX-F01

3 Choose a location for your Caséta Wireless fan control

Choose which location you want the Caséta Wireless fan control installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Access to Neutral is required

Ground (Green/Bare Copper) Different Color Screw
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless fan control in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on fan controls at the end of gang.

Each fan control has inside side sections removed.
Fan control in the middle has all side sections removed.

8 Connect the Caséta Wireless fan control

9 Mount the Caséta Wireless fan control

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch
Wireless

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Pairing the fan control and Pico remote control

18 Press and hold “Off” button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
* Control can be installed in either location.

NOTE: The yellow wire must be connected to the load and the black wire must be connected to line/hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation) See quick-start guide that came with your switch
- If three or more switches control the lights (multi-location installation) See page 45 for details

2 What you need for a 3-way installation

In-wall switch
PD-5WS-DV

Claro Wallplate
CW-1

Existing mechanical toggle switch

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless switch installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw
Caseta Wireless
3-Way Installation - Caseta Wireless In-Wall Switch with Mechanical Toggle Switch (PD-5WS-DV)

7 Ganging and De-rating

<table>
<thead>
<tr>
<th>PD-SWS-DV (120 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/incandescent</td>
<td>600 W</td>
<td>600 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>600 W</td>
<td>600 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage 1</td>
<td>600 VA/350 W</td>
<td>600 VA/350 W</td>
<td>350 VA/275 W</td>
</tr>
<tr>
<td>Fluorescent 2</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3 A</td>
<td>3 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PD-SWS-DV (277 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/incandescent</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage 1</td>
<td>1350 VA/625 W</td>
<td>1100 VA/625 W</td>
<td>800 VA/625 W</td>
</tr>
<tr>
<td>Fluorescent 2</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

1 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

2 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

8 Connect the new Caseta Wireless switch

9 Mount the Caseta Wireless switch

10 Attach the wallplate

11 Remove existing toggle switch from wall at Location 2

12 Modify wiring for existing toggle switch
13 Remount existing switch

[Image of switching mechanism being remounted]

14 Turn power on at circuit breaker

[Diagram of switch and circuit connections]

Important note: Pico remote control (optional)

If you would like to pair a Pico remote control to the Caséta Wireless in-wall switch, please follow the procedure described in the quick-start guide that came with your switch.

Schematic Diagram

[Diagram showing wiring connections for Caséta Wireless switch and Pico remote control]

* Switch may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 40 for details

2 What you need for a 3-way installation

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green/ Bare Copper) Different Color Screw
7 Remove side sections (if necessary)

When installing more than one Caseta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on switches at the end of gang.

Each dimmer has inside side sections removed. Dimmer in the middle has all side sections removed.

8 Connect the new Caseta Wireless dimmer

Note wire color tied to blue wire

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-FA, PHPM-3F, GRX-TVI.

9 Mount the Caseta Wireless dimmer

10 Attach the wallplate

Wallplate Adapter

11 Remove existing toggle switch from wall at Location 2

Location 2

12a Modify wiring for existing toggle switch

Remaining Wire (disconnect from switch)

Noted wire color from Step 8 (keep connected to switch)

Different Color Screw/Tagged Wire (disconnect from switch)

Ground - Green/Bare Copper (keep connected to switch)

**Important note:**
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.
12b  Modify wiring for existing toggle switch

Location 2

Noted wire color from Step 8

Remaining wire

Ground (Green/Bare Copper)

Jumper wire (included in box)

Different Color Screw/Tagged Wire

13  Remount existing switch

Location 2

14  Turn power on at circuit breaker

Important note: Pico remote control (optional)
If you would like to pair a Pico remote control to the Caséta Wireless in-wall dimmer, please follow the procedure described in the quick-start guide that came with your dimmer.

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector.
Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.

Schematic Diagram

* Dimmer may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 50 for details

2 What you need for a 3-way installation

In-wall switch
PD-5ANS/PD-6ANS

Claro Wallplate
CW-1

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Neutral connection required
**Wireless**

**3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Mechanical Toggle Switch (PD-5ANS/PD-6ANS)**

**7 Remove side sections (if necessary)**

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

**Important note:**
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

**8 Connect the new Caséta Wireless neutral switch**

Note wire color tied to blue wire

**9 Mount the Caséta Wireless switch**

**10 Attach the wallplate**

**11 Remove existing toggle switch from wall at Location 2**

**12a Modify wiring for existing toggle switch**

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

**Do not** remove outside side sections on switches at the end of gang.

Each switch has inside side sections removed.  Switch in the middle has all side sections removed.

<table>
<thead>
<tr>
<th>PD-5ANS/PD-6ANS (120 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>720 W</td>
<td>720 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Magnetic Low-Voltage ²</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Fluorescent ³</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3.6 A</td>
<td>3.6 A</td>
<td>3.6 A</td>
</tr>
</tbody>
</table>

³ Neutral required.

² The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

³ The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

**Important note:**
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

**12a Modify wiring for existing toggle switch**

Remaining Wire (disconnect from switch)

Noted wire color from Step 8 (keep connected to switch)

Different Color Screw/Tagged Wire (disconnect from switch)

Ground - Green/Bare Copper (keep connected to switch)
### 3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Mechanical Toggle Switch (PD-5ANS/PD-6ANS)

#### 12b Modify wiring for existing toggle switch

`Location 2`

![Schematic Diagram](image)

- **Noted wire color from Step 8**
- **Remaining wire**
- **Ground (Green/Bare Copper)**
- **Jumper wire (included in box)**
- **Different Color Screw/Tagged Wire**

#### 13 Remount existing switch

`Location 2`

![Remounting switch]

#### 14 Turn power on at circuit breaker

![Turn power on at circuit breaker]

### Important note: Pico remote control (optional)

If you would like to pair a Pico remote control to the Caséta Wireless in-wall switch, please follow the procedure described in the quick-start guide that came with your switch.

### Schematic Diagram

![Schematic Diagram]

* Switch may be installed in either location.

**Note:** The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your dimmer
- If two switches control the lights (3-way installation)
  See page 2 for details

2 What you need for a multi-location installation

In-wall dimmer
PD-6WCL or P-PKG1W

Claro Wallplate
CW-1

Two Pico remote controls with wall-mounting kits
PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

3-Way Switch
Locations 1 and 3

4-Way Switch
Location 2

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
**Wireless Multi-Location Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)**

**6** Tag and disconnect wires from the existing switch

- Location 1
  - Place tag - to identify wire on different color screw
  - Ground (Green/Bare Copper)
  - Different Color Screw

**7** Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

- Do not remove outside side sections on dimmers at the end of gang.
- Each dimmer has inside side sections removed.
- Dimmer in the middle has all side sections removed.

**Important note:**
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>A (Incandescent)</th>
<th>B (Halogen)</th>
<th>C (Total Wattage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>0 W</td>
<td>0 W</td>
<td>0 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>500 W</td>
<td>0 W</td>
<td>500 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>400 W</td>
<td>0 W</td>
<td>400 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>300 W</td>
<td>0 W</td>
<td>300 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>200 W</td>
<td>0 W</td>
<td>200 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>100 W</td>
<td>0 W</td>
<td>100 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>0 W</td>
<td>0 W</td>
<td>0 W</td>
</tr>
</tbody>
</table>

**8** Connect the new Caséta Wireless dimmer

- Location 1
  - Tagged wire
  - Ground (Green/Bare Copper)

**9** Mount the Caséta Wireless dimmer

- Location 1

**10** Attach the wallplate

- Location 1

“snap”

Wallplate Adapter
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

18 Connect the wires

19 Attach the wallplate bracket and Pico remote control

20 Attach the wallplate

21 Turn power on at circuit breaker

22 Press and hold "Off" button on dimmer

23 Press and hold "Off" button on remote control

24 Repeat for remote control at Location 3
Repeat steps 22 and 23 to pair remote control at Location 3.
Multi-Location Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)

Schematic Diagram

* It is recommended to install dimmer in either Location 1 or 3.
Wireless Multi-Location Installation - Caséta Wireless In-Wall PRO Dimmer with Pico Remote Controls (PD-10NXD)

1. Identify existing wiring

Three or more switches control the lights (multi-location installation)

1. Identify existing wiring

Three or more switches control the lights (multi-location installation)

2. What you need for a multi-location installation

In-wall PRO dimmer PD-10NXD
Claro Wallplate CW-1
Two Pico remote controls with wall-mounting kits PJ2-WALL

3. Choose a location for your Caséta Wireless dimmer

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

3-Way Switch Locations 1 and 3
4-Way Switch Location 2

4. Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5. Remove existing switch from wall at Location 1

Location 1
6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>A 1000 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>B 800 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>C 600 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td></td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td></td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td></td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td></td>
</tr>
<tr>
<td>151 W – 175 W</td>
<td></td>
</tr>
<tr>
<td>176 W – 200 W</td>
<td></td>
</tr>
<tr>
<td>201 W – 225 W</td>
<td></td>
</tr>
<tr>
<td>226 W – 250 W</td>
<td></td>
</tr>
</tbody>
</table>

8 Connect the new Caséta Wireless dimmer

* If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

“snap”
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

Place tags - to identify wires on different color screws

13 Connect the wires

Tagged Wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

Location 3

Place tag to identify wire on different color screw

Ground (Green/Bare Copper)

Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

20 Attach the wallplate

Location 3

‘snap’

Wallplate Adapter

Wallplate

21 Turn power on at circuit breaker

22 Press and hold "Off" button on dimmer

Location 1

Status LEDs flash

23 Press and hold "Off" button on remote control

Location 2

Lights flash three times

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
It is recommended to install dimmer in either Location 1 or 3.

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector.

Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.
1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If two switches control the lights (3-way installation)
  See page 6 or page 26 for details

2 What you need for a multi-location installation

- In-wall switch: PD-5WS-DV
- Two Pico remote controls: PJ2-2B
- Two Wallplate Brackets: PICO-WBX-ADAPT
- Three Claro Wallplates: CW-1

3 Choose a location for your Caséta Wireless switch

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your Caséta Wireless switch (Locations 1 or 3). In this example, we will use Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1

Location 2

Location 3
6 Tag and disconnect wires from the existing switch

Location 1

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw

7 Ganging and De-rating

<table>
<thead>
<tr>
<th>PD-SWS-DV (120 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/incandescent</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>600 VA/475 W</td>
<td>450 VA/350 W</td>
<td>350 VA/275 W</td>
</tr>
<tr>
<td>Fluorescent¹</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>5 A</td>
<td>5 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PD-SWS-DV (277 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/incandescent</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>1350 VA/1075 W</td>
<td>1100 VA/875 W</td>
<td>800 VA/625 W</td>
</tr>
<tr>
<td>Fluorescent²</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

¹ The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

² The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

8 Connect the new Caséta Wireless switch

Location 1

Tagged wire

9 Mount the Caséta Wireless switch

Location 1

10 Attach the wallplate

Location 1

Wallplate Adapter

Wallplate
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)  Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

20 Attach the wallplate

Location 3

21 Turn power on at circuit breaker

22 Press and hold "Off" button on switch

Location 1

Until

Status LED flashes

HOLD

23 Press and hold "Off" button on remote control

Location 2

Until

Lights flash three times

HOLD

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
Multi-Location Installation - Caséta Wireless In-Wall Switch with Pico Remote Controls (PD-5WS-DV)

Schematic Diagram

* It is recommended to install switch in either Location 1 or 3.
Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If two switches control the lights (3-way installation)
  See page 14 or page 32 for details

What you need for a multi-location installation

In-wall switch
PD-5ANS/PD-6ANS

Two Pico remote controls
PJ2-2B

Two Wallplate Brackets
PICO-WBX-ADAPT

Three Claro Wallplates
CW-1

Choose a location for your Caséta Wireless switch

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your Caséta Wireless switch (Locations 1 or 3). In this example, we will use Location 1.

Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

Remove existing switch from wall at Location 1

Location 1
Multi-Location Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Controls (PD-5ANS/PD-6ANS)

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

8 Connect the new Caséta Wireless neutral switch

9 Mount the Caséta Wireless neutral switch

10 Attach the wallplate

Important note:
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>PD-5ANS/PD-6ANS (120 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>Halogen / Incandescent</td>
<td>720 W</td>
<td>720 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3.6 A</td>
<td>3.6 A</td>
<td>3.6 A</td>
</tr>
</tbody>
</table>

1 Neutral required.

2 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

3 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

18 Connect the wires

19 Attach the wallplate bracket and Pico remote control

20 Attach the wallplate

21 Turn power on at circuit breaker

22 Press and hold "Off" button on switch

23 Press and hold "Off" button on remote control

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
It is recommended to install switch in either Location 1 or 3.

Note: The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

2 What you need for a multi-location installation

- ELV+ dimmer PD-5NE
- Claro Wallplate CW-1
- Two Pico remote controls with wall-mounting kits PJ2-WALL

3 Choose a location for your Caseta Wireless dimmer

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

3-Way Switch Locations 1 and 3
4-Way Switch Location 2

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

Different Color Screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed.

Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>PD-5NE (120 V~)</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Location 1:</td>
</tr>
<tr>
<td></td>
<td>Location 2:</td>
</tr>
<tr>
<td>Location 3:</td>
<td>Location 4:</td>
</tr>
<tr>
<td>Location 5:</td>
<td>Location 6:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED</th>
<th>250 W</th>
<th>250 W</th>
<th>250 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halogen / Incandescent</td>
<td>500 W</td>
<td>400 W</td>
<td>300 W</td>
</tr>
<tr>
<td>Electronics Low-Voltage</td>
<td>500 VA</td>
<td>400 VA</td>
<td>300 VA</td>
</tr>
<tr>
<td>Magnetic Low Voltage</td>
<td>400 VA</td>
<td>400 VA</td>
<td>400 VA</td>
</tr>
</tbody>
</table>

8 Connect the new Caséta Wireless dimmer

Tagged wire

Red

Black

White Neutral Required

Ground (Green/Bare Copper)

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

Wallplate Adapter

Wallplate

“snap”
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

Place tags - to identify wires on different color screws

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

18  Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

20 Attach the wallplate

Location 3

Wallplate Adapter Wallplate

21 Turn power on at circuit breaker

22 Press and hold “Off” button on dimmer

Location 1

Status LEDs flash

23 Press and hold “Off” button on remote control

Location 2

Lights flash three times

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
Caséta Wireless
Multi-Location Installation - Caséta Wireless In-Wall ELV+ Dimmer with Pico Remote Controls (PD-5NE)

Schematic Diagram

Location 1

Caséta Wireless Dimmer

Location 2

Pico Remote Control

Location 3

Pico Remote Control

Load

* Neutral Required

Neutral

Tagged Wire

Line/Hot

Neutral

Tagged Wire
Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)

1 Identify existing wiring

Three or more switches control the fan (multi-location installation)

Important note:
- If one switch controls the fan (single-pole installation)
  See quick-start guide that came with your fan control
- If two switches control the fan (3-way installation)
  See page 22 for details

2 What you need for a multi-location installation

- Fan Control PD-FSQN
- Three Claro Wallplates CW-1
- Two Pico Wallbox Adapters PICO-WBX-ADAPT
- Two Pico Remote Controls for Fans PJ2-3BRL-XXX-F01

3 Choose a location for your Caséta Wireless fan control

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the fan, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the fan, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your fan control (Locations 1 or 3). In this example, we will use Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
6. Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7. Remove side sections (if necessary)

When installing more than one Caséta Wireless control in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image below for more information.

Do not remove outside side sections on the controls at the end of gang.

Each control has inside side sections removed. The control in the middle has all side sections removed.

8. Connect the new Caséta Wireless fan control

Tagged wire

Yellow Red Black White (Neutral Required)

Ground (Green/Bare Copper)

9. Mount the Caséta Wireless fan control

10. Attach the wallplate

Wallplate Adapter

‘snap’
**Caséta Wireless**

**Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)**

11 **Remove existing switch from wall at Location 2**

Location 2

12 **Tag and disconnect wires from the existing switch**

Location 2

Place tags - to identify wires on different color screws

Different Color Screws  Ground (Green/Bare Copper)

13 **Connect the wires**

Location 2

Tagged Wires  Ground (Green/Bare Copper)

14 **Attach the wallplate bracket and Pico remote control**

Location 2

15 **Attach the wallplate**

Location 2

Wallplate Adapter  Wallplate

’snap’

16 **Remove existing switch from wall at Location 3**

Location 3
17 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

18 Connect the wires

19 Attach the wallplate bracket and Pico remote control

20 Attach the wallplate

21 Turn power on at circuit breaker

22 Press and hold “Off” button on the fan control

23 Press and hold “Off” button on remote control

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)

Schematic Diagram

- Location 1
  - Yellow: Traveler
  - Black: Ground
  - White: Tagged Wire

- Location 2
  - Yellow: Traveler
  - Black: Traveler
  - White: Tagged Wire

- Location 3
  - Yellow: Traveler
  - Black: Ground
  - White: Load

* Neutral Required
Adjusting Low-End Trim - To optimize performance of dimmable LED lamps

1 Enter

![Image of In-wall dimmer with On, Brighter, Darker, and Off labels]

- Tap and hold for 6 seconds until a status LED starts flashing.

2 Adjust (continued)

b. Adjust until light stops flickering and is stable.

![Image showing light with status LED flashing]

3 Save

- Tap "Off" one time. Light will turn off.
- Tap "Brighter" one time. Light will turn on.
- If light is still off or is flickering, repeat steps 1-4.

4 Verify

![Image of In-wall dimmer with options for HOLD]

- Tap and hold until status LED stops flashing.

![Image of In-wall dimmer with options for HOLD]

- Light stops dimming or turns off.

Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)
Adjusting High-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

- Press and hold the in-wall dimmer for 6 seconds.
- A status LED starts flashing.

2 Adjust

a. Press and hold the in-wall dimmer until the desired light level is achieved.

b. Press a single tap to stop the status LED from flashing.

3 Save

- The light is at full brightness.
- Status LED stops flashing.

Desired light level is achieved.

**In-wall dimmer**

- On
- Brighter
- Darker
- Off

**LUTRON**

66
Adjusting Low-End Trim on a Caséta Wireless In-Wall PRO Dimmer (PD-10NXD)

Adjusting Low-End Trim - To optimize performance of dimmable LED lamps

1 Enter

2 Adjust

3 Save

4 Verify

a. Tap "Off" one time. Light will turn off.
b. Tap "Brighter" one time. Light will turn on.
c. If light is still off or is flickering, repeat steps 1-4.
Adjusting High-End Trim on a Caséta Wireless In-Wall PRO Dimmer (PD-10NXD)

1 Enter

- **On**
- **Brighter**
- **Darker**
- **Off**

In-wall PRO dimmer

2 Adjust (continued)

`b. TAP UNTIL Desired light level is achieved`

3 Save

`UNTIL Status LED stops flashing`

- **HOLD**

- **Light is at full brightness**

Adjusting High-End Trim - To optimize performance of dimmable LED lamps

1 Enter

- **HOLD**

- **UNTIL**

- **A status LED starts flashing**

2 Adjust

- **HOLD**

- **UNTIL**

- **Light is at full brightness**

- **Darker**
Adjusting Low-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

2 Adjust (continued)

3 Save

4 Verify

a. Tap “Off” one time. Light will turn off.
b. Tap “Brighter” one time. Light will turn on.
c. If light is still off or is flickering, repeat steps 1-4.
**Adjusting High-End Trim on a Caséta Wireless In-Wall ELV+ Dimmer (PD-5NE)**

**1 Enter**

- Press and hold the button labeled **HOLD (ON AND BRIGHTER)** for 6 seconds.

**2 Adjust (continued)**

- Adjust the dimmer until the status LED starts flashing.
- Continue adjusting until the desired high-end brightness is achieved.

**3 Save**

- Press and hold the button labeled **HOLD** until the status LED stops flashing.
**Wireless**

Adjusting High-End Trim on a Caséta Wireless In-Wall ELV+ Dimmer (PD-5NE)

Adjusting Low-End Trim on a Caséta Wireless Plug-In Lamp Dimmer (PD-3PCL)

---

### Adjusting Low-End Trim -
To optimize performance of dimmable LED lamps

#### 1 Enter

- **On**
- **Darker**
- **Brighter**
- **Off**

#### 2 Adjust (continued)

- **b.**

#### 3 Save

- The status LED stops flashing

#### 4 Verify

- **a.** Tap “Off” one time. Light will turn off.
- **b.** Tap “Brighter” one time. Light will turn on.
- **c.** If light is still off or is flickering, repeat steps 1-4.
Adjusting High-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

2 Adjust

a.

b. Desired light level is achieved

3 Save

The status LED stops flashing
Converting a Caséta Wireless Plug-In Lamp Dimmer to a Switch to Control Non-Dim Loads (PD-3PCL)

1 Press and Hold "On" and "Off" buttons

- Press and hold the "On" and "Off" buttons for 6 seconds.
- The indicator light will flash.

2 Verify

- Tap "Off" one time. Light will turn off.
- Tap "On" one time. Light will turn on.
  - The "Brighter" and "Darker" buttons will be disabled and do nothing.

3 To change back to dimmer mode repeat step 1

- Tap "On" and "Off" buttons again to return to dimmer mode.

**NOTE:** Only use lighting loads on your plug-in lamp dimmer, even when operating in switch mode.
Adjusting for Load Types - Configurable between ELV and MLV load types

1 Pull out the FASS Switch and then push back in

2 Enter

3 Select
   a. TAP
      TOP status LED starts flashing

   b. TAP
      BOTTOM status LED starts flashing

4 Save

NOTE: Changes will not be saved if dimmer times out (no button press for 1 minute) or if power is turned off.
1 Tap the "On" button quickly three times, holding on the last press

![TAP 3x]

2 Continue to hold the "On" button until the light begins to flash quickly

![HOLD]

3 Release the button, then immediately tap the button three more times

![TAP 3x]

4 All paired Pico remote controls are removed and all settings are returned to factory default

- After the dimmer resets, the light will turn on to the full on state.

**NOTE:** This procedure also resets the high-end and low-end trim settings.
1. Tap the "On" button quickly three times, holding on the last press.

2. Continue to hold the "On" button until the Status LED begins to flash slowly.

3. Release the button, then immediately tap the button three more times. The Status LED will flash quickly AND the light will flash slowly two times.

4. All paired Pico remote controls are removed and all settings are returned to factory default. After the switch resets, the light will turn on to the full on state.
Removing Paired Pico Remote Controls from a Caséta Wireless Fan Control (PD-FSQN)

1. Tap the "On" button quickly three times, holding on the last press

2. Continue to hold the "On" button until the Status LED begins to flash slowly

3. Release the button, then immediately tap the button three more times

4. All paired Pico remote controls are removed and all settings are returned to factory defaults

– After the switch resets, the fan will turn on to high.
NOTE: This procedure will remove all paired Pico remote controls and favorite button programming. Upper and lower limits are retained.

1 Tap the "Shade" button quickly three times, holding on the last press.

2 Continue to hold the "Shade" button until the button LED flashes green.

3 Release the "Shade" button, then immediately tap the button three more times.

NOTE: The "Shade" button LED will flash GREEN-then-RED three times, signaling the successful completion of the procedure.
Removing Paired Pico Remote Controls from a Lutron Roller Shade

**NOTE:** This procedure will remove all paired Pico remote controls and favorite button programming. Upper and lower limits are retained.

1. **Tap the "Shade" button quickly three times, holding on the last press.**

2. **Continue to hold the "Shade" button until the button LED flashes green.**

3. **Release the "Shade" button, then immediately tap the button three more times.**

**NOTE:** The "Shade" button LED will flash GREEN-then-RED three times, signaling the successful completion of the procedure.
You can use the round "Favorite" button on a Pico remote control to recall a favorite light level. We’ve set it to 50%, but you can change it to any level you like.

1. **Set desired light level on a dimmer that has already been paired with a remote control**

   - a. Tap "Off" button one time on remote control. Light will turn off.
   - b. Tap "Favorite" button one time on remote control. Light will turn on to the newly saved level.

2. **Save favorite light level**

   - a. Tap "Off" button one time on remote control. Light will turn off.
   - b. Tap "Favorite" button one time on remote control. Light will turn on to the newly saved level.

   **Dimmer LED(s) flash(es) two times**
You can use the round “Favorite” button on the dimmer to recall a favorite light level. We’ve set it to 50%, but you can change it to any level you like.

1 Set the desired light level on the dimmer

Use the “Brighter” or “Darker” buttons to adjust lights to your favorite level.

2 Save favorite light level

Hold the round “Favorite” button.

3 Verify

a. Tap “Off” button one time on dimmer control. Light will turn off.

b. Tap “Favorite” button one time on dimmer control. Light will turn on to the newly saved level.
You can use the round "Favorite" button on the fan control to recall a favorite fan speed setting. We’ve set it to the medium fan speed, but you can change it to any level you like.

1 Set the desired fan speed on the fan control

Use the "Faster" or "Slower" buttons to adjust lights to your favorite level.

2 Save favorite fan speed

Hold the round "Favorite" button.

3 Verify

a. Tap "Off" button one time on fan control. Fan will turn off.
b. Tap "Favorite" button one time on fan control. Fan will turn on to the newly saved setting.
Installing a LUT-MLC Load Adapter with a Caséta Wireless In-Wall Switch (PD-5WS-DV)

1 Identify load type

- LED
- Fluorescent
- ELV

The LUT-MLC load adapter is provided to help ensure proper operation of the switch with LED, fluorescent, and ELV lighting loads. When controlling one of these load types, a LUT-MLC may be required, especially at lower wattages. If the status LED on the switch is flashing or a solid red color, a LUT-MLC must be installed. It is recommended to install a LUT-MLC with these load types regardless of wattage to guarantee best performance.

2 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

3 Choose installation location

The LUT-MLC must be connected to the neutral and switched hot feed to the load. Install the LUT-MLC inside a load fixture or in a separate junction box within the circuit.

4 Installing the LUT-MLC in a load fixture or junction box

1. Connect one lead of the LUT-MLC to the neutral (white) wire.
2. Connect the other lead of the LUT-MLC to the switched hot (black) wire.

5 Turn power on at circuit breaker

6 Verify performance

Verify that the LED on the switch is not flashing or solid red color and that the load stays off when the switch is turned off. In rare instances, some loads may still flicker or glow in the off state with the LUT-MLC installed. If this occurs, a different load may be required or additional LUT-MLC load adapters may need to be installed.
# Dimmer and Switch Troubleshooting

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| Light does not turn on or LEDs on the devices do not illuminate. | - Light bulb(s) burned out.  
- Breaker is OFF or tripped.  
- Light not properly installed.  
- Wiring error.  
| In-wall dimmer or switch: | - FASS on the dimmer or switch is in the off position.  
| Plug-in lamp dimmer: | - Outlet is switched off.  
- Lamp is turned off.  
- Lamp is not plugged in.  

| Light does not respond to Pico remote control. | • The dimmer or switch failed to pair with Pico remote control.  
• The dimmer or switch is already at the light level the Pico remote control is sending.  
• The Pico remote control is outside the 30 ft (9 m) operating range.  
• The Pico remote control battery is low.  
• The Pico remote control battery is installed incorrectly.  

| • Bulbs turn off while being dimmed.  
• Bulbs turn on at high light level but do not turn on at a low light level.  
• Bulbs flicker or flash when dimmed to a low light level. | In-wall or plug-in lamp dimmer only:  
Verify bulbs are marked dimmable and visit www.casetawireless.com/lowend for information on adjusting the dimmer for best bulb performance.  

| • LED on in-wall switch is flashing or solid red color.  
• Light stays on when the in-wall switch is turned off. | In-wall switch only:  
Proper bulb operation requires LUT-MLC installation. See Page 59.  

| Top and middle LEDs are blinking rapidly. | Product detected an MLV fault (PRO Dimmer only)  
• Connect Neutral to the dimmer (required for MLV load)  

| Top and second from bottom LEDs are blinking rapidly. | No Load (PRO Dimmer only)  
• Apply or replace the load  

| Top three LEDs flashing | Over voltage detected, verify unit does not have MLV load and is in reverse phase  

| Middle three LEDs flashing | Over temperature event, verify unit is not overloaded  

| Bottom three LEDs flashing | Over current detected, verify unit does not have ELV load while in forward phase  

Go to www.casetawireless.com/support for additional troubleshooting suggestions.
## Fan Troubleshooting

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| Fan does not turn ON and no indicator lights turn ON. | • Front Accessible Service Switch (FASS) is pulled out to the OFF position. Push FASS in fully to the ON position.  
• Fan pull chain is in the OFF position. Set pull chain speed to high.  
• Neutral wire is not connected. Check wiring.  
• Breaker is OFF or tripped (or fuse blown). Reset breaker or replace fuse. If condition persists, contact Lutron Customer Assistance or a licensed electrician.  
• Load and Line wires may be reversed. Check wiring. |
| Fan does not turn ON and indicator lights are ON. | Fan direction switch is between forward and reverse. Set switch to desired position. |
| Fan vibrates or wobbles. | • Fan direction switch is between forward and reverse. Set switch to desired position.  
• Fan blades must be balanced. See fan manufacturers installation guide to balance fan. |
| Fan speed is too slow. | Set fan pull chain speed to high. |
| Fan does not respond to Pico remote control. | • The fan control failed to pair with Pico remote control.  
• The fan control is already at the fan speed level that the Pico remote control is sending.  
• The Pico remote control is outside the 30 ft (9 m) operating range.  
• The Pico remote control battery is low.  
• The Pico remote control battery is installed incorrectly. |

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Go to [www.casetawireless.com/support](http://www.casetawireless.com/support) for additional troubleshooting suggestions.

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