



# Wireless Outlet Switch Installation Guide

## Supported Models

- LOZ-5S1-W Wireless Outlet Switch

## Specifications and Supported Fixtures

This Control4® Wireless Outlet Switch plugs into a standard, earth-grounded (3-prong) electrical wall outlet and communicates with the Control4 system using a wireless ZigBee (802.15.4) connection through its built-in antenna. Use the Wireless Outlet Switch to control a wide variety of electrical devices. The Wireless Outlet Switch can also sense the power state of the devices attached to it (On or Off).

The Control4 Wireless Outlet Switch has two (2) outlets. You can configure these outlets independently for different uses, including:

- Controlling a plugged-in audio/video (A/V) component (such as a DVD player or VCR) or other electrical equipment controlled by IR.
- Controlling power to a plugged-in relay device (such as a pump) or other household appliances.
- Switching a plugged-in florescent lamp On or Off.

The Wireless Outlet Switch features include:

- Two (2) individually controllable 120 VAC electrical outlets.
- Two (2) multi-color LEDs to indicate outlet activity and system feedback.
- An external button for initial set up of the Wireless Outlet Switch, including identifying the device on the Control4 system and for Power Learning for power sensing.



## Specifications

<b>Power:</b>	120 VAC, 50-60Hz, 1.7 W
<b>Minimum Wattage:</b>	5 W
<b>Load Types and Ratings (Total of Both Outlets):</b>	120 VAC, 1000 VA, Inductive, Total 120 VAC, 1/3 HP (7.2 FLA), Total 120 VAC, 7.2 A, Ballast, Total
<b>Operating Temperature:</b>	All load ratings are based on an ambient temperature of 25 degrees Celsius.

## Important Warnings and Information

**WARNING!** The Wireless Outlet Switch is rated for a combined load as listed in the table above. Do not plug in devices that exceed these ratings, either alone or in combination.

**AVERTISSEMENT!** Avertissement ! Le commutateur sans fil de sortie est évalué pour une charge combinée comme énuméré dans la table ci-dessus ; ne branchez pas les dispositifs qui excèdent ces estimations, seul ou en association.

**WARNING!** Improper use or installation can cause SERIOUS INJURY, DEATH, or LOSS/DAMAGE OF PROPERTY.

**AVERTISSEMENT!** Avertissement ! L'utilisation ou l'installation inexacte peut causer des DOMMAGES, la MORT, ou LOSS/DAMAGE SÉRIEUSE DE PROPRIÉTÉ.

**WARNING!** Install in accordance with all national, state, and local electrical codes.

**AVERTISSEMENT!** Avertissement ! Installez selon tous les national, état, et codes électriques locaux.

**WARNING!** This product generates heat. The room must have adequate ventilation or the ability to dissipate heat effectively.

**AVERTISSEMENT!** Avertissement ! Ce produit produit de la chaleur. La salle doit avoir à ventilation proportionnée ou la capacité d'absorber la chaleur efficacement.

**WARNING!** This product must be grounded in accordance with the National Electrical Code (NEC) requirements.

**AVERTISSEMENT!** Avertissement ! Ce produit doit être fondu selon les conditions électriques nationales de code (NEC).

**WARNING!** Use this product only in dry locations.

**AVERTISSEMENT!** Avertissement ! Employez ce produit seulement dans des endroits secs.

**CAUTION!** This product is for residential use only.

**ATTENTION!** Attention ! Ce produit est pour à l'usage résidentiel ou commercial seulement.

**IMPORTANT!** Using this product in a manner other than outlined in this document voids your warranty. Further, Control4 is not liable for any damage incurred because of the misuse of this product. See "Limited 2 Year Warranty" on page 2.

**IMPORTANT!** Important ! Employer ce produit en quelque sorte autre que décrit dans ce document vide votre garantie. De plus, Control4 n'est pas responsable d'aucun dommage encouru en raison de l'abus de ce produit. Voyez que « Limited 2 Year Warranty » à la page 2.

## Install and Configure a Wireless Outlet Switch

The Wireless Outlet Switch provides a way for a standard AC-powered device to be controlled as a custom Control4 device. The following steps guide you through the Wireless Outlet Switch setup. To complete the configuration, you must have access to the Composer project and the installed Control4 Controllor.

To install and configure a Wireless Outlet Switch:

- 1 Choose a location where the ZigBee wireless communication will be most efficient: (1) place closely enough to receive a strong signal, and (2) the switch should not be placed too close to devices that cause interference, such as a 2.4 GHz portable phone.
- 2 Plug the Wireless Outlet Switch into a power outlet.
- 3 Plug one (1) or two (2) devices into an outlet provided on the Wireless Outlet Switch.
- 4 In the Composer software, add and configure the Wireless Outlet switch and the device(s) you plugged into the Wireless Outlet Switch. Specify for each outlet how you intend to use the outlet, such as for control of A/V equipment, for power sensing, or for power control of relay devices. For detailed instructions, refer to the Composer Help topic "Configure a Wireless Outlet Switch."

- 5 If you are using the Wireless Outlet Switch for power-sensing (such as to control an AV component), you need to perform Power Learning. See the next section, "Perform Power Learning" for instructions.

## Perform Power Learning

To enable use of the power-sensing features, configure your Wireless Outlet Switch to read the power state of the devices that you plug into it.

- 1 Follow the steps to "Install and Configure a Wireless Outlet Switch".
- 2 Turn Off the device plugged into the Wireless Outlet Switch.
- 3 Push and hold the button on the top panel of the Wireless Outlet Switch until the two (2) LEDs toggle Orange On/Off, alternating back and forth.
- 4 Choose an outlet to configure (Outlet 1 or 2) by releasing the button when the LED that corresponds to that outlet number lights up. For example, if a device is plugged into Outlet 1, then release the button when LED 1 lights up. Upon doing so, the LED you chose flashes orange, indicating that the Wireless Outlet Switch is learning a steady state of the device (such as On or Off). When the LED turns solid orange, the Wireless Outlet Switch has learned the steady state, but has not yet determined whether the state is On or Off.
- 5 With the LED now solid orange, turn On the device plugged into the Wireless Outlet Switch. The LED again flashes orange while the Wireless Outlet Switch is learning the On state of the device. When the learning is completed, the LED shines solid orange again to indicate the Wireless Outlet Switch has learned the steady state.
- 6 With the LED now solid orange again, turn the device Off. The LED flashes orange to indicate the Wireless Outlet Switch is waiting for a steady state. When the device reaches a steady state, the LED glows red to indicate the Wireless Outlet Switch has learned the Off state.
- 7 With the LED now solid red, turn the device On again. The LED flashes orange to indicate it is waiting for a steady state. When the device reaches a steady state, the LED glows green to indicate the Wireless Outlet Switch has learned the On state.
- 8 With the LED now solid green, press the button on the Wireless Outlet Switch one time to save and exit the Power Learning mode.

**NOTE:** You can use a quick button press during any step of this process prior to the LEDs turning solid Red or Green to exit the Learning mode without saving.

- 9 Repeat the steps to configure the other outlet (Outlet 1 or 2) as needed for any additional plugged-in device.

**NOTE:** To unlearn a device, press the button nine (9) times, but use with care: This will reset both outlets.

## Troubleshooting

If the Wireless Outlet Switch does not power its attached device:

- Check that the plugs for plugged-in devices are fully inserted into the Wireless Outlet Switch and that the Wireless Outlet Switch's plug is fully inserted into the wall outlet.
- Ensure the device you plugged into the Wireless Outlet Switch works when plugged into a conventional AC wall outlet.
- Ensure the circuit breaker is not turned Off or tripped.
- Verify that the Wireless Outlet Switch is identified in Composer.
- Check Composer setting ("LED-Enabled/Disabled") if at least one LED is not lit. When a LED is enabled in Composer, the default (out of the box) color scheme is as follows:

LED Status	Configuration (Learning Mode)	Default Operational Mode (may differ depending on Composer settings)
Orange	Blinking: Learning On/Off state. Solid: Has learned a state, but is not sure if device is On or Off (must keep learning).	Outlet power is On. Device has not been learned (factory default setting).
Red	Has successfully learned the Off state.	Outlet power is Off. Device has been learned and is Off (no current).
Green	Has learned the On state.	Outlet power is On. Device has been learned and is On (drawing current).
Off	(Not applicable)	Outlet power is Off.

## Care and Cleaning

**WARNING!** Unplug device before cleaning. Do NOT use any chemical cleaners to clean the switch. Clean surface with a soft damp cloth as needed.

**AVERTISSEMENT!** Avertissement ! Débranchez le dispositif avant le nettoyage. N'employez aucun décapant chimique pour nettoyer le commutateur. Nettoyez la surface avec un tissu humide mou comme nécessaire.

## Regulatory Compliance

**IMPORTANT!** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**IMPORTANT!** Les changements ou les modifications pas expressément approuvés par Control4 ont pu vider l'autorité de l'utilisateur pour actionner l'équipement.

## FCC/Industry Canada

FCC ID: R33LOZ5S11/Canadian IC : 7848A-H1

This device complies with Part 15 of the FCC Rules and also with Canada ICES-003. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product has been tested to the requirements of, and shown to be in compliance with, the following requisite standard:

**Warranty**

For complete warranty information, including details on consumer legal rights as well as warranty exclusions, visit [www.control4.com/warranty](http://www.control4.com/warranty).

**Recycling**

For information on recycling, please go to [www.control4.com/recycling](http://www.control4.com/recycling).



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