



# Wireless Outlet Switch Installation Guide

## Supported Models and Requirements

LOZ-5S1-W Wireless Outlet Switch

## Graphical Symbols in this Guide

The following symbols and their descriptions draw your attention to important safe practices and additional information that can help you avoid injury, death, or loss of material or time.



**WARNING!** This indicates a potentially hazardous situation that, if not avoided, may result in death or serious injury. **DO NOT IGNORE A WARNING!**



**CAUTION!** This indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. **DO NOT IGNORE A CAUTION!**



**IMPORTANT!** This indicates information that will help you avoid damage to your equipment, loss of materials, or loss of time. **PAY ATTENTION TO THESE IMPORTANT STATEMENTS!**

## Specifications and Supported Fixtures

This Wireless Outlet Switch plugs into a standard, earth-grounded (3-prong) electrical outlet and communicates with the Control4 system using a wireless ZigBee connection through its built-in antenna.

Use the Wireless Outlet Switch to control electrical devices such as pumps, Christmas lights, fans, and fluorescent lights, individually or within a lighting scene. The Wireless Outlet Switch can sense the power state of the devices attached to it (On, Off, or Stand-by).



**WARNING!** The Wireless Outlet Switch is rated for a combined load of 1150 Watts; do not plug in devices that require more than 1150 Watts, either alone or in combination.

The Control4 Wireless Outlet Switch offers these features:

- Power sensors allow the Control4 system to detect the power state of the devices you have plugged into each outlet.
- Two tri-color LEDs to indicate outlet activity and system feedback.
- A security screw tab that attaches to the outlet's center screw.
- An external button for manual operation and to automatically identify the device to the Control4 system.

### Specifications

Power Requirements: 120 VAC, 50/60 Hz, 1.7 W

Load Ratings: 120 VAC, 1150 VA, Inductive, Total  
(Total of Both Outlets) 120 VAC, 1/3 HP (7.2 FLA), Total  
120 VAC, 7.2 A, Ballast, Total

Operating Temperature: All load ratings are based on an ambient temperature of 25 degrees Celsius.

## Important Warnings and Information



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



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



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



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



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



**CAUTION!** For residential use only.



**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 1 Year Warranty" on page 2.

## Install and Configure a Wireless Outlet Switch

To enable full use of the Control4 system's features, configure your Wireless Outlet Switch to read the power state of the devices that you plug into it. For example, if your switch can read the power state of the DVD player, your DVD player can then participate in concert with the lights and the other devices in your home theater in a lighting scene.

- 1 Choose a location where the ZigBee wireless communication will be most efficient: (1) Place the Outlet Switch near enough to the next ZigBee device to facilitate communication (2); Keep the Outlet Switch from being continually too close to devices that can cause interference, such as microwave ovens or cordless telephones with a 2.4 GHz frequency.
- 2 Remove the screw that holds the faceplate onto the AC outlet to which you will plug the Wireless Outlet Switch.
- 3 Plug the Wireless Outlet Switch into the receptacle of the outlet, keeping the faceplate between the Wireless Outlet Switch and the wall.
- 4 Through the Wireless Outlet Switch's security screw tab, insert the screw that you removed in Step 2 and then screw it back in place.
- 5 Within Composer software, add the outlet to the project and make necessary connections. See "Configure an Outlet Switch or Dimmer" in *Composer* online help.  
To identify the Wireless Outlet Switch as part of the Composer software configuration, press the button on the top panel of the Wireless Outlet Switch.
- 6 Plug in the device you would like to control, such as a DVD player, into one of the Wireless Outlet Switch's receptacles (on the bottom panel).
- 7 Push and hold the button on the top panel of the Wireless Outlet Switch until the two LED lights flash orange, On and Off, from one to the next.
- 8 When the LED lights up on the side that corresponds to the outlet in which your device is plugged, release the button. For example, if the device you have plugged in is on the right side of the Wireless Outlet Switch, release the button when the LED lights on the right side.  
The LED on that side of the switch alone flashes orange, indicating that it is in the first phase of learning the state (Off) of the device. When it has completed this learning phase, the LED then shines solid orange.
- 9 When the LED shines solid orange, turn On the device that you have plugged into the Wireless Outlet Switch. The LED light again flashes orange while the Wireless Outlet Switch completes the first phase of



learning the electrical currents associated with this state (On) of the device.

When the Wireless Outlet Switch has completed the first phase of learning the On state, it shines solid orange again.

- 10** When the LED shines solid orange again, turn the device Off. The LED flashes orange until it completes the second phase of learning the Off state.

When the Wireless Outlet Switch has completed this phase of learning, the LED turns red, indicating that it has successfully learned the Off state.

- 11** When the LED shines red, turn the device On once again. The LED flashes orange.

When the Wireless Outlet Switch has completed this phase of learning, it turns solid green, indicating that it has successfully learned the On state.

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## Troubleshooting

If the wireless outlet switch does not power its attached device:

- Check that the device's plugs are fully inserted into the Wireless Outlet Switch and that the Outlet Switch's plugs are fully inserted into the wall outlet.
- Ensure the device you plugged into the Wireless Outlet Switch works when plugged into a conventional AC outlet.
- Ensure the circuit breaker is not turned Off or tripped.
- Verify that the Wireless Outlet Switch is identified in Composer.
- Ensure at least one LED is lit. The outlet adapter has two LED's that are visible when the unit is plugged into a receptacle. If the LED's don't light correctly, contact Control4 Technical Support. The default (out of the box) color scheme is as follows:

LED Color	Connection Status
Green Solid	The device is on and drawing current.
Orange	The device is learning current levels.
Red Solid	Device is Off (no current).

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## Control4 Technical Support

For help on the installation or operation of this product, email or call the Control4 Technical Support Center. Please provide your exact model number. Contact [support@control4.com](mailto:support@control4.com) or see the web site [www.control4.com](http://www.control4.com). United States Patents Pending. © 2005-2006 Control4 Technologies.

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## 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.

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## Regulatory Compliance

This product complies with standards established by the following regulatory and test bodies:

- Federal Communications Commission (FCC)
- Industry Canada
- Underwriters Laboratories Inc. (UL)

## FCC

### FCC ID: R33L0Z5S11

This device complies with Part 15 of the FCC Rules. 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.

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.



**IMPORTANT!** Changes or modifications not expressly approved by Control4 could void the user's authority to operate the equipment.

## Industry Canada

This Class B digital apparatus complies with Canada ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Underwriters Laboratories Inc.

This product has been tested by UL and found to comply with:

- UL 244A, Third Edition, "Standard for Solid State Controls for Appliances" UL 916, 3rd Edition, "Energy Management Equipment"
- CSA C22.2 No. 14-95, "Standard for Clock-Operated Switches"



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## Limited 1 Year Warranty

This device has a limited one (1) year warranty on parts from the date of purchase. Control4 will replace or repair any defective unit. Return unit to the place of purchase for replacement. For any damages incurred, the warranty will never exceed the purchase price of the device. This warranty does not cover installation, removal, or reinstallation cost. The warranty is not valid in cases where damage was incurred due to misuse, abuse, incorrect repair, or improper wiring or installation. It does not cover incidental or consequential damage. This warranty gives you specific legal rights, and you might also be entitled to other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages. In these cases, the above mentioned limitations might not apply to you. For complete warranty information, see [www.control4.com](http://www.control4.com). To automatically receive notification of upgrades, return the enclosed registration card or register online at [www.control4.com](http://www.control4.com).

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