



Wireless Outlet Dimmer Installation Guide

Supported Models and Requirements

LOZ-5D1-W Wireless Outlet Dimmer

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!**

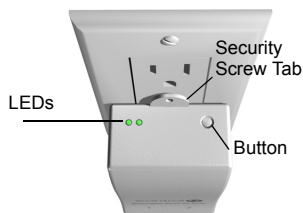
Specifications and Supported Fixtures

The Wireless Outlet Dimmer plugs into a standard, earth-grounded (3-prong) electrical wall outlet and communicates with the Control4[®] system using a ZigBee (802.15.4) 2.4 GHz wireless connection through its built-in antenna.

It has two outlets that you can use it to control dimmable electrical devices, such as incandescent lamps. This is a 800 watt dimmable surface outlet that plugs directly into any standard receptacle similar to a 24VAC transformer.

The Wireless Outlet Dimmer features:

- Two individually controllable 120 VAC dimmable electrical outlets.
- Two multi-color LEDs indicate outlet activity and system feedback.
- An external button used during initial Wireless Outlet Dimmer setup to identify it on the Control4 system.
- A security screw tab that attaches to the wall outlet's center screw.



Specifications

Power Requirements:	120 VAC 60/50 Hz, 1.7 W
Load Types and Ratings:	120 VAC 800 W total incandescent (all types) 120 VAC 800 W total halogen (all types)
(Total of Both Outlets)	
Operating Temperature:	All load ratings are based on an ambient temperature of 25 degrees Celsius.

Important Warnings and Information



WARNING! The Wireless Outlet Dimmer is rated for a combined load as listed in the Specifications table; do not plug in devices that exceed these ratings, either alone or in combination.



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! Do **not** use this device to control a non-dimmable load.



WARNING! Not for use with Aluminum wiring.



WARNING! Use this product only in dry locations.



CAUTION! This product is 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 Dimmer

The Wireless Outlet Dimmer allows you full use of the Control4 system features. For example, if you have a dimmable light plugged into the outlet dimmer, the light can be dimmed in concert with other lights when added to a lighting scene in the system.

To install and configure a Wireless Outlet Dimmer:

- 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 Dimmer should not be placed too close to devices that cause interference, such as a 2.4 GHz portable phone.
- 2 Plug the Wireless Outlet Dimmer into a wall outlet. Optionally, you can secure it to a wall outlet (to protect against accidental unplugging) as described in the following steps:
 - a. At the wall outlet where you plan to plug in the Wireless Outlet Dimmer, remove the outlet faceplate screw.
 - b. With the outlet faceplate still in place, but without the outlet faceplate screw, plug the Wireless Outlet Dimmer into the bottom receptacle of the wall outlet.
 - c. Insert the outlet faceplate screw through the Wireless Outlet Dimmer's security screw tab hole and then screw it back in place.
- 3 Plug the desired device(s) into the outlet(s) on the Wireless Outlet Dimmer.
- 4 Within the Composer software, add and configure the Wireless Outlet Dimmer to control the device(s) you plugged into the Wireless Outlet Dimmer. See the Composer online help topic: "Add and Configure a Wireless Outlet Dimmer."



Operation and Configuration

Operate the lamps and other devices you have attached to the Wireless Outlet Dimmer through one of the Control4 navigation devices, including the Wireless Touch Screen, the On-Screen Navigator (television), the Mini Touch Screen, and the LCD Keypad. Simply turn On, Off, or ramp the light up or down to the level you prefer. As you control the device attached to the Dimmer, the LED's will display as follows:

LED Status	Default Operational Mode (may differ depending on Composer settings)
<i>Blinking Orange</i>	Establishing wireless communication.
<i>Red</i>	Outlet power is On—Device is Off (no current).
<i>Green</i>	Outlet power is On—Device is On (drawing current).
<i>Off</i>	Outlet power is Off.

Troubleshooting

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

- Check that the plugs for plugged-in devices are fully inserted into the Wireless Outlet Dimmer and that the Outlet Dimmer's plugs are fully inserted into the wall outlet.
- Ensure the device(s) you plugged into the Wireless Outlet Dimmer work(s) when plugged into a conventional AC outlet.
- Ensure the wall outlet power source is not turned Off or tripped.
- Verify that the Wireless Outlet Dimmer is attached and communicating with Composer (as specified in the Composer online help).
- Check Composer setting ("LED-Enabled/Disabled") if at least one LED is not lit.

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.

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 or see the web site www.control4.com. United States Patent Pending. © 2005-2006 Control4 Technologies.

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. To automatically receive notification of upgrades, return the enclosed registration card or register online at www.control4.com.

Regulatory Compliance

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

- Federal Communications Commission (FCC)
- Industry Canada
- Underwriters Laboratories Inc. (UL)
- Canadian Standards Association (CSA)

FCC

FCC ID: R33LOZ5D11:

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.

UL Control Number: TBD

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

- UL 244A, Third Edition, "Standard for Solid State Controls for Appliances"
- UL 1472, 1st edition, Solid State Dimming Controls and CSA C22.2 # 184.1 1ST edition.
- CSA C22.2 No. 177-92, "Standard for Clock-Operated Switches"



CAUTION! This product has **not** been approved.



About this Document

United States Patents Pending. Copyright © 2005-2006 Control4 Corporation. Control4 and the Control4 logo are registered trademarks of Control4 Corporation. All trademarks are properties of their respective owners. Part Number: 21-0080 Rev A Draft 5 (UL update)