

**WARNINGS AND CAUTIONS:**

- ON/OFF LED shows status of remote load control.
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Vizia™ RF RZCS1 remote does not control the load, but provides 3-way or 4-way applications to operate with Vizia™ RF switches.
- Recommended minimum wall box depth is 2-1/2".

**WARNINGS AND CAUTIONS:**

- No traveler wires are needed. Remote controls via radio frequency (RF) technology.
- Can call one (1) scene ON/OFF with advanced Programmer/Controller (see RZCPG).
- Disconnect power at circuit breaker or fuse when servicing, installing or removing fixture.
- Use this device only with copper or copper clad wire. With aluminum wire use only devices marked CO/ALR or CU/AL.

**INTRODUCTION**

Leviton's Vizia™ RF components are designed to communicate with each other via Radio Frequency (RF) to provide remote control of your lighting. Using RF technology allows Leviton to provide the greatest signal integrity possible. Each module in Leviton's Vizia™ RF component line is a Z-Wave™ enabled device. In a Z-Wave™ network, each device is designed to act as a router. These routers will re-transmit the RF signal from one device to another until the intended device is reached. This ensures that the signal is received by its intended device by routing the signal around obstacles and radio dead spots. The 1-Scene Controller/ Matching Switch Remote is compatible with any Z-Wave™ enabled network, regardless of the manufacturer and can also be used with other devices displaying the Z-Wave™ logo.

**FEATURES**

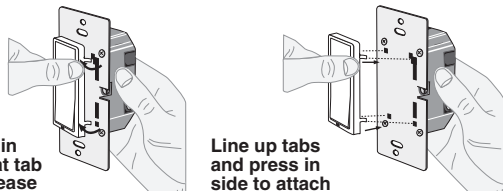
- 3-way or 4-way control without traveler wires
- Can call 1 scene
- ON/OFF LED indicates status of load
- Two way communication to provide status from dimmers/switches
- RF reliability
- Ease of installation – No new wiring
- Compatible with other Z-Wave™ enabled devices

**Tools needed to install your 1-Scene Controller:**

- |                              |                 |        |
|------------------------------|-----------------|--------|
| Slotted/Phillips Screwdriver | Electrical Tape | Pliers |
| Pencil                       | Cutters         | Ruler  |

**Changing the color of your 1-Scene Controller:**

Your 1-scene controller includes three color options. The controller ships with the White frame attached. To change color of frame, proceed as follows:

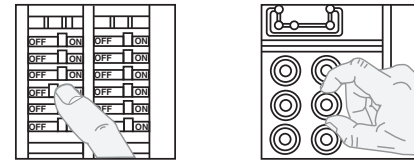


**INSTALLING YOUR 1-SCENE CONTROLLER**

**NOTE:** Use check boxes  when Steps are completed.

**Step 1**

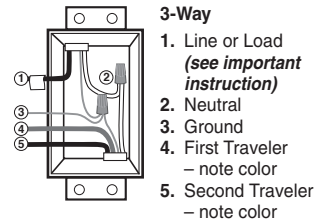
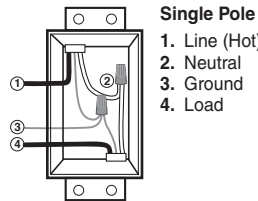
**WARNING: TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!



**Step 2**

**Identifying your wiring application (most common):**

**NOTE:** If the wiring in your wall box does not resemble any of these configurations, consult a qualified electrician.

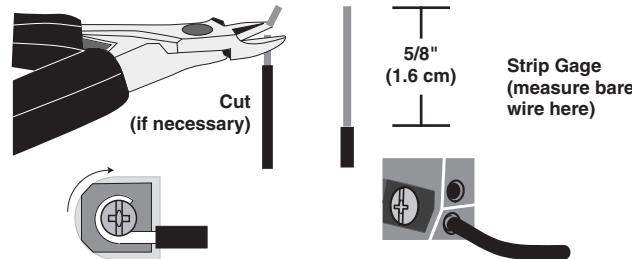


**IMPORTANT :** For 3-Way applications, note that only one (1) switch can be controlled by the 1-scene controller.

**Step 3**

**Preparing and connecting wires:**

This 1-scene controller can be wired using side wire terminal screws or through backwire openings. Choose appropriate wire stripping specifications accordingly.



**Side Wire Connection**  
Side wire terminals accept #14 AWG solid wire copper only.

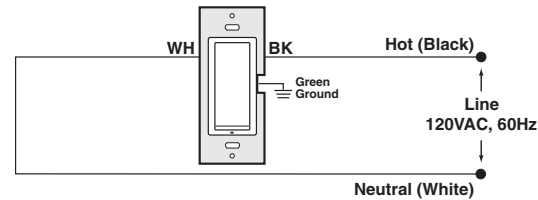
**Back Wire (either hole may be used)**  
Back wire openings use #14-12 AWG solid wire copper only.

- Make sure that the ends of the wires from the wall box are **straight (cut if necessary)**.

**Step 4**

**Wiring Application:**

**1-Scene Controller**



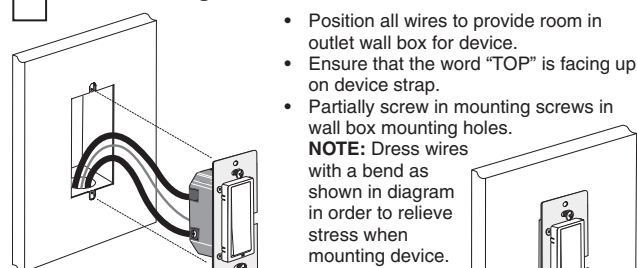
**WIRING SWITCH:**

**Connect wires per WIRING DIAGRAM as follows:**

- Green or bare copper wire in wall box to Green terminal screw.
- Line Hot wall box wire to terminal screw marked "BK".
- Line Neutral wall box wire to terminal screw marked "WH".
- **Proceed to Step 5.**

**Step 5**

**Testing your 1-Scene Controller prior to mounting in wall box:**



- Restore power at circuit breaker or fuse.
- LED should turn ON.

**If LED does not turn ON, refer to the TROUBLESHOOTING section.**

**Step 6**

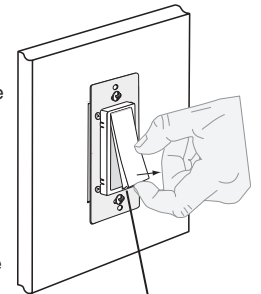
**Including 1-Scene Controller into Z-Wave™ Network:**

**NOTES:**

- If using a non-Leviton Programmer/Controller, refer to the Programmer/Controller instruction sheet for Including a device.
- 1-scene controllers included into a Z-Wave™ network must be updated after you have included all other devices.
- A) If using a Leviton Z-Wave™ Programmer/Controller, Cat. No. RZCPG, press the Menu button and scroll down to System Setup. Press the center button to select System Setup Menu. Press the center button to select Network. Press the center button to <Include Node>.

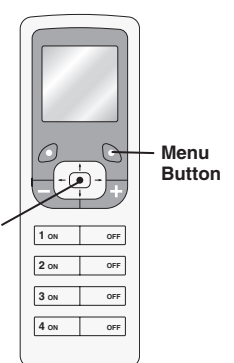
**Step 6 cont'd**

- B) If using RZCPG Programmer/Controller, you will be prompted to place 1-scene controller into programming mode.
- C) To access Program mode, engage the air gap switch by gently pulling the bottom of the push pad until it lifts out of the frame and a click is heard (**refer to figure**). Wait 5 seconds and then press the push pad back into the frame and hold push pad until the LED flashes Amber. Release the push pad and the LED should blink Amber. You are now in Programming mode. **NOTE:** If the LED on the 1-scene controller turns solid Red while including, there has been a communication error. Refer to Troubleshooting section.
- D) While standing close to the 1-scene controller (approximately 2-5 ft.), press the center button to <Include> device in the network. **NOTE:** Only one device may be included at any time.
- E) The Primary Programmer/Controller will assign a node ID number (Name) for this device. **NOTE:** This ID number (Name) will be stored in the Programmer/Controller to be used for future reference. **NOTE:** You may name or edit the node of this device at this time.
- F) **The 1-scene controller is now installed in the network.**
- G) After all devices are included into the network, the controller must be updated to allow it to be associated with all devices in the network. To update controller proceed as follows:
  - If using a non-Leviton Programmer/Controller, refer to the Programmer/Controller instruction sheet for updating controller.
  - If using Leviton Z-Wave™ Programmer/Controller, Cat. No. RZCPG, press the Menu button and scroll down to System Setup. Press the center button to select System Setup Menu. Press the center button to select Network. Press the center button to select Update cntrl. Press rocker on the 1-scene controller.
  - Wait until the RZCPG Programmer/Controller confirms completion. Update is done.



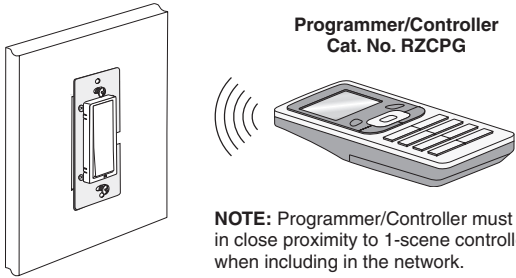
**Gently lift bottom of push pad out**

**Cat. No. RZCPG**



**NOTE:** If the 1-scene controller has been successfully included in the network and the user tries to Include it again without first excluding it from the network, the controller will retain the first node ID it had received and ignore the second.

### Step 6 cont'd Including 1-Scene Controller into Z-Wave™ Network:



**NOTE:** Programmer/Controller must be in close proximity to 1-scene controller when including in the network.

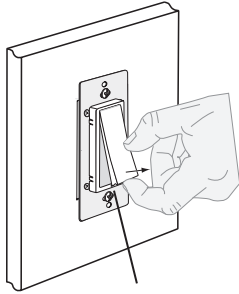
### Step 7 Excluding 1-Scene Controller from Z-Wave™ Network:

- A)** If using a Leviton Z-Wave™ Programmer/Controller, Cat. No. RZCPG, press the Menu button and scroll down to System Setup. Press the center button to select System Setup Menu. Press the center button to select Network. Scroll down to <Exclude Node> and press the center button.
- B)** If using RZCPG Programmer/Controller, you will be prompted to place 1-scene controller into programming mode.
- C)** To access Program mode, engage the air gap switch by gently pulling the bottom of the push pad until it lifts out of the frame and a click is heard (refer to figure). Wait 5 seconds and then press the push pad back into the frame and hold push pad until the LED flashes Amber. Release the push pad and the LED should blink Amber. You are now in Programming mode.  
**NOTE:** If the LED on the 1-scene controller turns solid Red while excluding, there has been a communication error. Refer to Troubleshooting section.
- D)** While standing close to the 1-scene controller (approximately 2-5 ft.), press the center button to <Exclude> device from the network.

#### Factory Default:

If your 1-scene controller is not responding, or you are unable to control it after you have tried to Include/Exclude it multiple times, it may be necessary to reset the 1-scene controller to its original factory settings. To accomplish this, proceed as follows:

- On the 1-scene controller, engage the air-gap switch by gently pulling the bottom of the push pad until it lifts completely out of the frame and a click is heard (refer to figure). Wait 5 seconds and then press the push pad back into the frame and hold push pad until the locator LED flashes Amber and turns solid Red. The 1-scene controller is now reset. Once the controller is reset, it will be necessary to Re-Include it to a network before it can be used.



Gently lift bottom of push pad out

**CAUTION:** SETTING A DEVICE TO A FACTORY DEFAULT DOES NOT EXCLUDE THAT DEVICE FROM A NETWORK. THE EXCLUSION PROCEDURE MUST STILL BE FOLLOWED TO REMOVE THE DEVICE FROM THE PRIMARY CONTROLLER'S INFORMATION TABLE. FAILURE TO DO SO MAY RESULT IN SYSTEM THAT IS SLOW TO RESPOND, OR MAY FAIL TO RESPOND TO SOME DEVICES.

### Step 8 1-Zone (Matching Remote) Application Association:

**NOTE:** One (1) Z-Wave™ device can only be associated to five (5) controllers.

- To control a Z-wave™ enabled device from 1-scene controller you must associate the device to the controller.
  - If using a non-Leviton Programmer/Controller, refer to the Programmer/Controller instruction sheet for Associating a device.
- A)** If using RZCPG Programmer/Controller, press the Menu button and scroll down to System Setup. Press the center button to select System Setup Menu.
- B)** Choose <Controller Association>.
- C)** Choose your Controller.
- D)** Choose button one.
- E)** Choose <Association> (where you choose the Z-Wave™ enabled device from a list). Choose your device by pressing the <+> button (pressing the <-> button de-selects the device). This is the device that will react to an (ON/OFF) command.
- F)** Select area ON/OFF.

**NOTE:** For matching remote application you can associate only one (1) switch. You also must select area ON/OFF action (see Primary Programmer/Controller instruction sheet).

### Step 9 1-Scene Application Association:

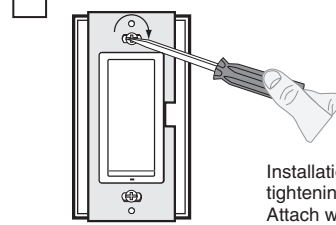
- NOTE:** One (1) Z-Wave™ device can only be associated to five (5) controllers.
- To control a Z-wave™ enabled device from 1-scene controller you must associate the device to the controller.
  - If using a non-Leviton Programmer/Controller, refer to the Programmer/Controller instruction sheet for Associating a device.
- A)** If using RZCPG Programmer/Controller, press the Menu button and scroll down to System Setup. Press the center button to select System Setup Menu.
- B)** Choose <Controller Association>.
- C)** Choose your Controller.
- D)** Choose button one.
- E)** Choose <Area Association> (where you choose a pre-defined area).  
**OR**  
<Association> (where you choose the Z-Wave™ enabled device(s) from a list). Choose your device by pressing the <+> button (pressing the <-> button de-selects the device). This is the device that will react to a Scene (ON/OFF) command.
- F)** Select a scene.

**NOTE:** For scene application you can associate up to 32 devices to one scene controller.

#### To Set a Scene:

- Press and hold button on 1-Scene Controller until LED blinks Green.
- Adjust devices in area.
- Press button again on 1-Scene Controller and the LED will stop blinking.
- The scene has now been set.

### Step 10 1-Scene Controller Mounting: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE.



Installation may now be completed by tightening mounting screws into wall box. Attach wallplate.

- Step 11 Restore Power:**  
Restore power at circuit breaker or fuse.  
**Installation is complete.**

### OPERATION

#### Matching Remote Application:

##### Push Pad (Default settings)

**Turn ON from OFF position:**  
Tap – Lights turn ON, LED turns OFF.

**Turn OFF from ON position:**  
Tap – Lights turn OFF, LED turns ON.

#### Scene Application:

##### Push Pad (Default settings)

**Turn ON from OFF position:**  
Tap – Scene is activated, Scene LED turns ON. LED will blink until Scene is reached.

**NOTE:** While LED is blinking, a button press will be ignored.

**Turn OFF from ON position:**  
Tap – Scene is no longer activated, Scene LED turns OFF.

If there is a power outage, when the power is restored, the lights will return to the last setting before the power interruption.

**Cleaning:** Clean with a damp cloth. **DO NOT** use chemical cleaners.

### TROUBLESHOOTING

- Lights Flickering**
  - Lamp has a bad connection.
  - Wires not secured firmly under terminal screws of 1-scene controller and/or remote.
- Light does not turn ON and Locator LED does not turn ON**
  - Circuit breaker or fuse has tripped.
  - Lamp is burned out or lamp switch is OFF.
  - Lamp Neutral connection is not wired.
  - If 1-scene controller is powered up and LED does not turn ON, check wiring.
  - If no lights react to a button press, then the association of devices was not done properly. Consult troubleshooting guide at [www.leviton.com](http://www.leviton.com).
- Remote does not operate lights**
  - Check association.
  - Ensure that controller was properly updated.

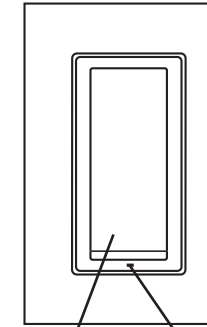
For additional information, contact Leviton's Techline at 1-800-824-3005 or visit Leviton's website at [www.leviton.com](http://www.leviton.com)

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### FCC COMPLIANCE STATEMENT

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 the 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.



Push Pad Locator Light

DI-000-RZCS1-00A-X3

### LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to **Leviton Manufacturing Co., Inc., Attn: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591**. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. **There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose**, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. **Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation.** The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

**LEVITON INSTRUCTION SHEET/MANUAL SPECIFICATIONS**

- Artwork No/Rev Level: DI-000-RZCS1-00A-X3
- Color(s): Black over
  - 1. \_\_\_\_\_ 2. \_\_\_\_\_
  - 3. \_\_\_\_\_ 4. \_\_\_\_\_
- Font Families: Helvetica
- Material
  - Type: 40 Lb. offset
- Coating:  \_\_\_\_\_
- Paper size:
  - Overall size: 14" X 8.5"
  - Final fold size: 2.3" X 4.25"

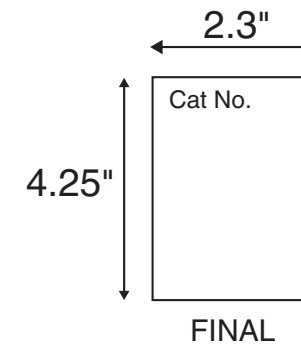
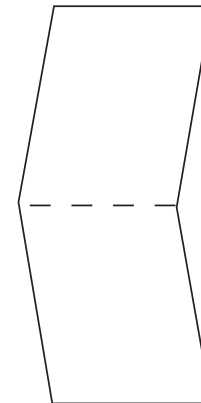
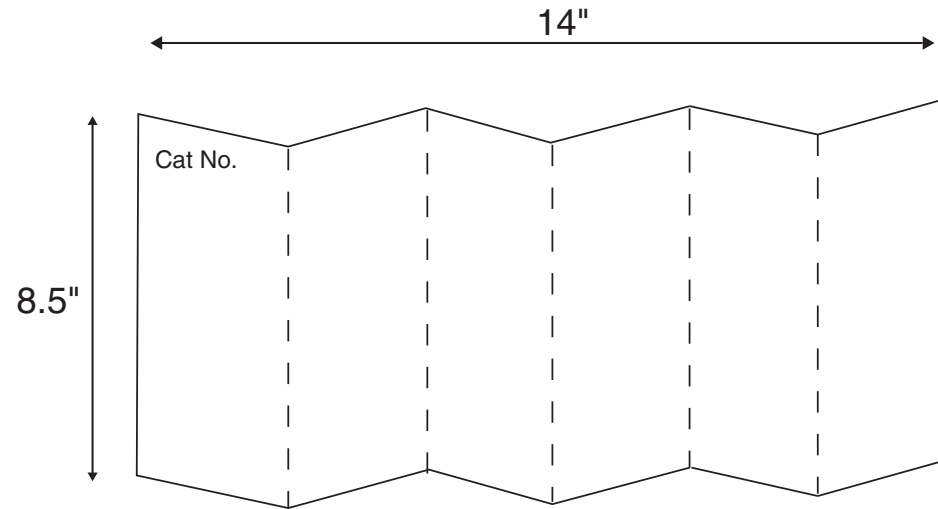
**DOCUMENTATION**

- ECO No.: N/A
- Artist: H2D Date: 3/27/06

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**FOLD SCHEME**



**FINAL**

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