



WARNINGS AND CAUTIONS:

- **TO AVOID FIRE, SHOCK OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!
- 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 an electrician.
- Vizia RF +® VRCS4 controller does not control a load, but provides scene control of areas within a Vizia RF +® System.
- ON/OFF LED for remote scene status.

WARNINGS AND CAUTIONS:

- Recommended minimum wall box depth is 2-1/2".
- Disconnect power at circuit breaker or fuse when servicing, installing or removing fixture.
- Can call up four (4) scene ON/OFF with advanced programming.
- For a complete set-up, a controller supporting the advanced Z-Wave® scene features is needed, such as the advanced Programming Remote (VRCPG).
- Use this device with **copper or copper clad wire only**.

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. This 4-Scene Controller is meant to control special scene enabled Z-Wave® products. To control groups of devices that are mixed or do not support scene command class use the Leviton 4-Zone Controller (VRCZ4). Setting up this device requires specific advanced controller functionalities, your controller must be able to associate device to groups and must be able to control the scene controller configuration commands such as the advanced Programming Remote (VRCPG).

FEATURES

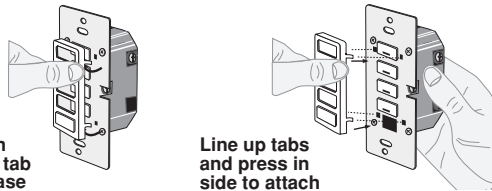
- This is a Z-Wave® Controller
- Scene control without traveler wires
- Can call 4 scenes
- ON/OFF LED
- Two way communication
- RF reliability
- Compatible with other Z-Wave® enabled devices

Tools needed to install your 4-Scene Controller

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

Changing the color of your 4-Scene Controller:

Your 4-Scene controller includes three color options. The controller ships with the White frame attached. To change color of frame, proceed as follows:

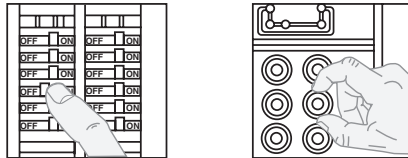


After frame is removed, remove existing push buttons and replace them with desired color change push buttons. To change the DIM/BRIGHT button, before mounting frame, press out DIM/BRIGHT button (bottom) from back of frame and press in from front of frame new DIM/BRIGHT button. To make IR capable, replace with a DIM/BRIGHT button that has the IR window.

INSTALLING YOUR 4-SCENE CONTROLLER

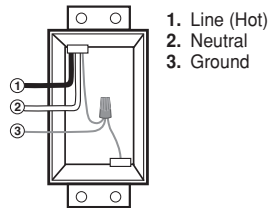
NOTE: Use check boxes when Steps are completed.

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!



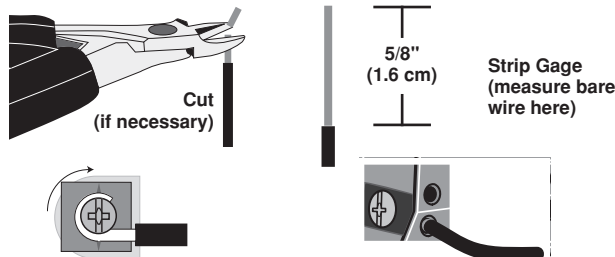
Step 2 **Identifying your wiring application (most common):**

NOTE: If the wiring in your wall box does not resemble this configuration, consult a qualified electrician.



Step 3 **Preparing and connecting wires:**

This 4-Scene controller can be wired using side wire terminal screws or through backwire openings. Choose appropriate wire stripping specifications accordingly.



Side Wire Connection

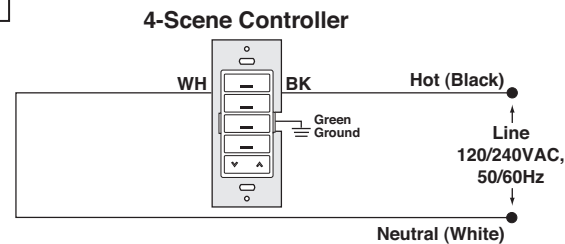
Side wire terminals accept #14-12 AWG *solid copper wire only*.

Back Wire (either hole may be used)

Back wire openings accept #14-12 AWG *solid copper wire only*.

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

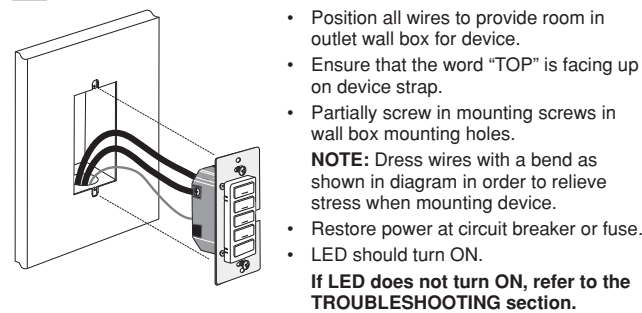
Step 4 **Wiring Application:**



WIRING 4-SCENE CONTROLLER:
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".

Step 5 **Testing your 4-Scene Controller prior to mounting in wall box:**



Step 6 **4-Scene Controller Mounting:**
TURN OFF POWER AT CIRCUIT BREAKER OR FUSE.

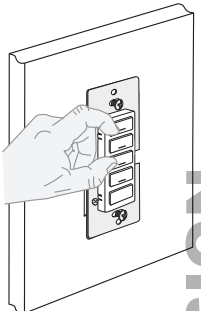


Step 7 **Restore Power:**
 Restore power at circuit breaker or fuse.
Installation is complete.

Step 8 **Including 4-Scene Controller into Z-Wave® Network:**

NOTES:

- If using a non-Leviton Programmer/Remote, refer to the Programmer/Remote instruction sheet.
- 4-Scene controllers included into a Z-Wave® network must be updated after you have included all other devices.
- If using the VRCPG Install Checklist feature, go to step C.
- A)** If using a Leviton Z-Wave® Programmer/Remote, Cat. No. VRCPG, press the Menu button and scroll down to System. Press the center button to select System Menu. Choose Advanced. Press the center button to select Advanced Install. Press the center button to <Include Node>.
- B)** If using VRCPG Programmer/Remote, you will be prompted to place 4-Scene controller into programming mode.
- C)** To access Program mode, press and hold buttons 1 and 3 (**refer to figure**). Wait 5 seconds until the LED turns Amber. Release the buttons and the LED will blink Amber. You are now in Programming mode.
- D)** While standing close to the 4-Scene controller (approximately 1 ft.), press the center button on the Programmer/Remote to <Include> device in the network.
NOTE: If the LED on the 4-scene controller turns solid Red while including, there has been a communication error.
NOTE: Only one device may be included at any time.
- E)** The Primary Programmer/Remote will assign a Home ID, Node ID, and Name for this device.
NOTE: This information will be stored in the Programmer/Remote to be used for future reference.
NOTE: You may name or edit your device at this time.
- F)** **The 4-Scene controller is now installed in the network.**



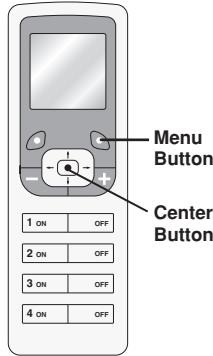
WEB VERSION

Step 8 cont'd Including 4-Scene Controller into Z-Wave® Network:

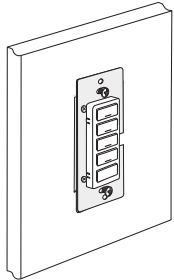
G) After all devices are included into the network, the controller must be updated to allow proper network function. To update controller proceed as follows:

- If using a non-Leviton Programmer/Remote, refer to the Programmer/Remote instruction sheet for updating controller.
- If using Leviton Z-Wave® Programmer/Remote, Cat. No. VRCPG, press the Menu button and scroll down to System. Press the center button to select System Menu. Choose Advanced. Press the center button to select Advanced Install. Scroll down to <Exclude Node> and press the center button.

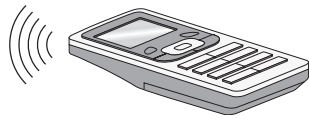
Cat. No. VRCPG



NOTE: If the 4-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.



Programmer/Remote
Cat. No. VRCPG



NOTE: Programmer/Remote must be in close proximity (approx. 1 foot) to 4-Scene controller when including in the network.

Step 9 Excluding 4-Scene Controller from Z-Wave® Network:

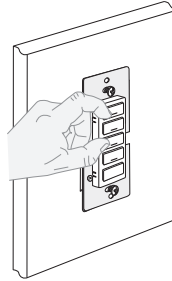
-
- A) If using a Leviton Z-Wave® Programmer/Remote, Cat. No. VRCPG, press the Menu button and scroll down to System. Press the center button to select System Menu. Choose Advanced. Press the center button to select Advanced Install. Scroll down to <Exclude Node> and press the center button.
- B) If using VRCPG Programmer/Remote, you will be prompted to place 4-Scene controller into programming mode.
- C) To access Program mode, press and hold buttons 1 and 3 (refer to figure). Wait 5 seconds until the LED turns Amber. Release the buttons and the LED will blink Amber. You are now in Programming mode.
- NOTE:** If the LED on the 4-Scene controller turns solid Red while excluding, there has been a communication error.
- D) While standing close to the 4-Scene controller (approximately 1 ft.), press the center button on the Programmer/Remote to <Exclude> device from the network.

Factory Default:

If your 4-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 4-Scene controller to its original factory settings. To accomplish this, proceed as follows:

- On the 4-Scene controller (refer to figure), press and hold buttons 1 and 3. Wait approximately 5 seconds until the LED turns Amber and then turns solid Red. Release the buttons. The 4-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.

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. IF YOU HAVE TO RESET THE CONTROLLER WITHOUT EXCLUDING IT GO TO THE REMOVE FAILED MENU AND REMOVE THIS DEVICE FROM YOUR VRCPG REMOTE. REFER TO VIZIA RF+® APPLICATION GUIDE (WWW.LEVITON.COM)



Step 10 Device Association:

After inclusion process, you must associate the devices to the controllers. Refer to the Primary Programmer/Remote instruction sheet for complete details.

NOTE: This step requires a controller that can create association lists to specific groups 1-4.

NOTE: One (1) Z-Wave® device can be associated to multiple controllers (up to five (5) controllers maximum).

NOTE: If using a non-Leviton Programmer/Remote, refer to the Programmer/Remote instruction sheet for associating a device.

Step 11a Scene Programming:

NOTE: All devices associated to the buttons must support Z-Wave® scene command. If a device in the group does not support the scene command it will not be controlled.

- Press and hold desired scene button on 4-Scene Controller until LED blinks Green.
- Adjust devices associated to the button.
- Press button again on 4-Scene Controller and the LED will stop blinking.
- The scene has now been set.

Step 11b Mixed group or device that does not support scene:

NOTE: This step requires a 4-Zone Controller or Z-Wave® Controller that supports Z-Wave® scene controller configuration commands.

AREA ON/OFF Application:

Push Button

Turn ON from OFF position:

Press button – Turns all lights in Zone/Area ON, LED turns ON.

LED will blink until Zone/Area is ON.

Turn OFF from ON position:

Press button – Turns all lights in Zone/Area OFF, LED turns OFF.

DIM/BRIGHT:

Press left side of Dim/Bright button - Lights in last activated Zone/Area will dim.

Press right side of Dim/Bright button - Lights in last activated Zone/Area will brighten.

NOTE: Controller will only Dim/Bright devices located within direct Radio Frequency range.

NOTE: LED will be lit Green if any one load in the associated Area is ON. LED will be OFF when all loads are turned 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.

OPERATION

Scene Application:

Push Button (Default settings)

Turn ON from OFF position:

Press – Scene is activated, Scene LED turns ON.

LED will blink until Scene is reached.

Turn OFF from ON position:

Press – Turns all lights in scene OFF, Scene LED turns OFF.

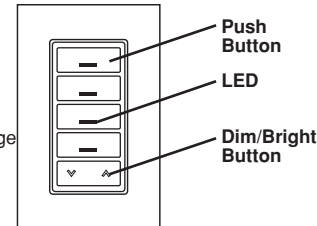
DIM/BRIGHT:

Press left side of Dim/Bright button – Lights in last activated Scene will dim.

Press right side of Dim/Bright button – Lights in last activated Scene will brighten.

NOTE: Controller will only Dim/Bright devices located within direct radio frequency range.

NOTE: LED will be lit only when all lights in scene have reached their preset level. If there is a manual change to any light in the scene, the LED will turn OFF indicating that you are no longer in that scene.



TROUBLESHOOTING

- **Locator LED on controller does not turn ON**
 - Circuit breaker or fuse has tripped.
 - If 4-Scene controller is powered up and LED does not turn ON, check wiring.
- **Scene Controller does not operate lights**
 - Check association.
 - Ensure that controller was properly updated.
 - Re-configure the controller button to operate using the AREA ON/OFF action (refer to VRCPG documentation).
- **LED turns solid Red**
 - Check association.
 - Ensure that each device in the network is within 70 ft. (21m) of another device.

For additional information, contact Leviton's Techline at 1-800-824-3005 or visit Leviton's website at www.ViziaRFplus.com

This product is covered by U.S. Pat. Nos.: 7,538,285; 7,756,556; 8,138,435; 8,386,661; D563,326 and corresponding foreign patents. Licensed under U.S. Pat. Nos. 5,905,442 and 5,982,103.

Vizia RF + is a trademark of Leviton Manufacturing Co., Inc., registered in the United States, Canada, China, Mexico and other foreign countries.

FCC COMPLIANCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to 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 of the device.

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.

FCC CAUTION

Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the **Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.**

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DI-031-VRCS4-02F

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. **For details visit www.leviton.com or call 1-800-824-3005.** 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.