

# vizia rf +<sup>™</sup> Controllers



VRCZ4-1L



VRCS4-1L



VRCZ1-1L



VRCS1-1L



VRMR1-0SG

Join a revolution in the home automation industry with Vizia RF + wireless lighting and home control technology. Innovative and affordable, with features that are desired by professional installers and appreciated by homeowners, Vizia RF + helps reduce energy consumption. It provides dramatic scene transitions, extended zone lighting controls, industry standard 2-way status updating and true integration of household electrical devices. Use it to enhance new construction or to add value to older homes, condominiums and apartments.

The Vizia RF + Wireless Home Control System offers scalable, easy-to-install, remote control of appliances and lighting, as well as one-button scene and zone (area) lighting control to create the perfect ambiance. And, unlike previous home control systems, Vizia RF + does all of this without experiencing interference or inconsistent performance.

## APPLICATIONS

The Vizia RF + 4-Button Zone Controller (VRCZ4-1L) with IR Remote Capability is ideal for remote control of up to four different zones (areas) of Vizia RF + scene-capable devices.<sup>1</sup> The Controller uses Z-Wave® protocol transmissions to control other Leviton Vizia RF + Z-Wave enabled devices as well as Z-Wave compliant devices from other manufacturers. The top four buttons on the controller provide ON/OFF switching of four zones/areas. The bottom button transmits DIM/BRIGHT commands to the most recently switched-ON zone (area). An optional IR Handheld Remote Controller (VRMR1-0SG) can be used to activate the Vizia RF + 4-Button Zone Controller's ON/OFF/DIM/BRIGHT commands.

*1-A zone is one controlled load(s). An area is multiple zones. For example, a series of porch lights controlled by a single Leviton Vizia RF + device is a zone. An area could be the porch and/or any additional zones, such as landscape lights.*

The Vizia RF + 4-Button Scene Controller (VRCS4-1L) with IR Remote Capability is ideal for remote control of up to four different scenes with Vizia RF + scene-capable devices.<sup>2</sup> The top four buttons on the controller provide ON/OFF switching of four scenes. The bottom button transmits DIM/BRIGHT commands to

the most recently switched-ON scene. An optional IR Handheld Remote Controller (VRMR1-0SG) can be used to activate the Vizia RF + 4-Button Scene Controller's ON/OFF/DIM/BRIGHT commands.

*2-An activated scene adjusts various dimmers and switches to a user defined preset lighting level (Scene Level).*

The Vizia RF + 1-Button Zone Dimming Controller/Virtual Dimming Remote (VRCZ1-1L) is ideal for remote ON/OFF/DIM/BRIGHT control of a single zone of Vizia RF + scene-capable devices. The device acts as a virtual Matching Dimming Remote, providing wireless virtual 3-way, multi-location ON/OFF/DIM/BRIGHT remote control of a selected Vizia RF + dimmer without the need for traditional 3-way wiring or a dedicated traveler wire.

The Vizia RF + 1-Button Scene Controller/Virtual Switch Remote (VRCS1-1L) is ideal for remote ON/OFF control of a single scene of Vizia RF + devices. The device also can act as a Virtual Matching Switch Remote, providing wireless virtual 3-way and multi-location ON/OFF remote control of a selected Vizia RF + Switch without the need for traditional 3-way wiring or a dedicated traveler wire.

The Vizia RF + IR Handheld Remote Controller (VRMR1-0SG) for scene and zone control works exclusively with Leviton's Vizia RF + IR enabled devices, including the 4-Button Scene (VRCS4-1L) and 4-Button Zone (VRCZ4-1L) Controllers. This handheld remote control allows lighting control from a distance of up to 30 feet (line-of-sight) at a maximum angle of 100°. The unit has scene and zone buttons for recalling up to four different scenes or zones with separate ON/OFF buttons to activate the zone (area). One set of DIM/BRIGHT buttons transmit DIM/BRIGHT commands to the most recently called zone or scene group.

## Leviton Mfg. Co., Inc.

59-25 Little Neck Pkwy, Little Neck, NY 11362-2591 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com  
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**FEATURES AND BENEFITS**

- Two-way status updates
- Provides user-level control of 128 devices (VRCZ4 and VRCS4 only)
- Each button on a RF controller can be associated with up to 32 select Z-Wave compatible devices in a system area (The VRCZ1 can be associated to only one device)
- Green locator LED illuminates when load is OFF (1-Button Controllers in the virtual switch application)
- LED illuminates when the controlled scene is active or when one load is on in any zone (area)
- High gloss finish complements a wide range of décors
- Superior versatility provides six product options in one box: 3 changeable faceplates and single pole or 3-way
- Fits in a single-gang 1.8 cubic-inch wall box compatible with Decora Plus™ screwless and Decora® standard wallplates
- Utilizes existing 120VAC 60Hz wiring (when neutral wire is present) for easy “no-new-wires” installation
- Z-Wave® compatible
- Load free controllers

**Vizia RF +™ 4-Button Zone Controller with IR Remote Capability**

- Provides remote ON/OFF/DIM/BRIGHT control of four zones (areas) of Leviton Vizia RF + and other manufacturers' compatible devices
- Key cap with IR window included to expose internal IR receiver for this device
- Separate IR Remote (VRMR1) available to control ON/OFF/DIM/BRIGHT for the four programmed zones

**Vizia RF +™ 4-Button Scene Controller with IR Remote Capability**

- Provides remote ON/OFF/DIM/BRIGHT control of four customizable scenes using Leviton Vizia RF + and other manufacturers' compatible devices
- Key cap with IR window included to expose internal IR receiver for this device
- Separate IR Remote (VRMR1) available to control ON/OFF/DIM/BRIGHT for the four programmed scenes

**Vizia RF +™ 1-Button Zone Dimming Controller/Virtual Dimming Remote**

- Virtual 3-way and multi-location remote dimming control of a selected Leviton Vizia RF + or other select Z-Wave compliant dimmers without the need for traditional 3-way wiring or a dedicated traveler wire
- Push pad with return-to-neutral design for preset ON/OFF control
- Horizontal DIM/BRIGHT bar
- 7 Step horizontal green LED display mimics main dimmer's selected brightness level and preset level when device is OFF

**Vizia RF +™ 1-Button Scene Controller/Virtual Switch Remote**

- Virtual 3-way and multi-location remote ON/OFF control of selected Leviton Vizia RF + or other select Z-Wave compatible switches without the need for traditional 3-way wiring or a dedicated traveler wire
- Push pad with return-to-neutral design for preset ON/OFF control
- Green locator LED illuminates when load is OFF or scene is active
- Remote ALL ON/ALL OFF control of one scene of Leviton Vizia RF + or other select Z-Wave compatible devices

**Vizia RF +™ Handheld IR Remote Controller**

- Provides handheld remote control of Leviton Vizia RF + IR enabled devices such as the VRCS4 and VRCZ4
- Enables as many as four scene selections with scene DIM/BRIGHT
- Operates at a distance of up to 30 feet (line-of-sight) at a maximum angle of 100°
- Can be used to “teach” other IR learning devices such as IR Universal Learning Remotes
- One remote control may be used for multiple 4-Button Scene or 4-Button Zone Wall Mounted Controllers in the system with the exception of double-ganged or close proximity installations where only one IR button cap window may be exposed for operation
- Special considerations should be made for multi-gang Vizia RF + Infrared enabled devices

**SPECIFICATIONS****Wall Mounted Controllers**

- Operating Temperature: 32°F (0°C) to 131°F (55°C)
- Relative humidity: 20% to 90% (non-condensing)
- Three screw terminations (line, neutral and ground)

**Handheld IR Remote Control**

- Operating Temperature: 32°F (0°C) to 131°F (55°C)
- Non-Operating: -10°C to 85°C
- Relative humidity: 20% to 90% (non-condensing)

**AGENCY STANDARDS AND COMPLIANCE**

- Complies with FCC Part 15, Class B

**Wall Mounted Controllers**

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 244A tested
- NOM Certified (#057)
- Z-Wave Certified

**INSTALLATION CONSIDERATIONS**

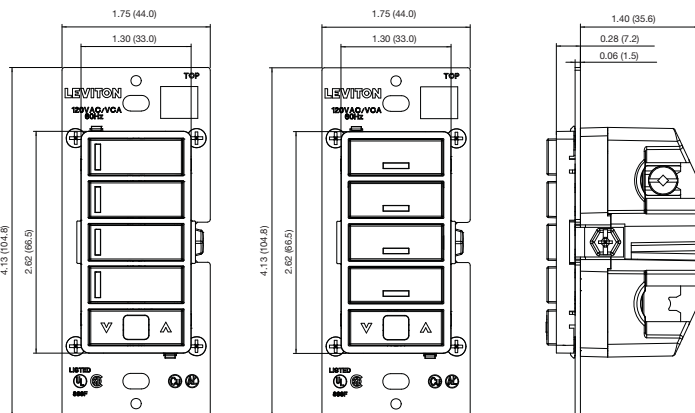
A Z-Wave enabled device must be within 75 feet (open air) of another Z-Wave enabled device to participate in a Z-Wave wireless mesh network. Any one switch can be associated with no more than 5 controller devices. Each ON/OFF button on a RF + controller can be associated with up to 32 select Z-Wave compatible devices in a system area. Neutral wire required on selected devices.

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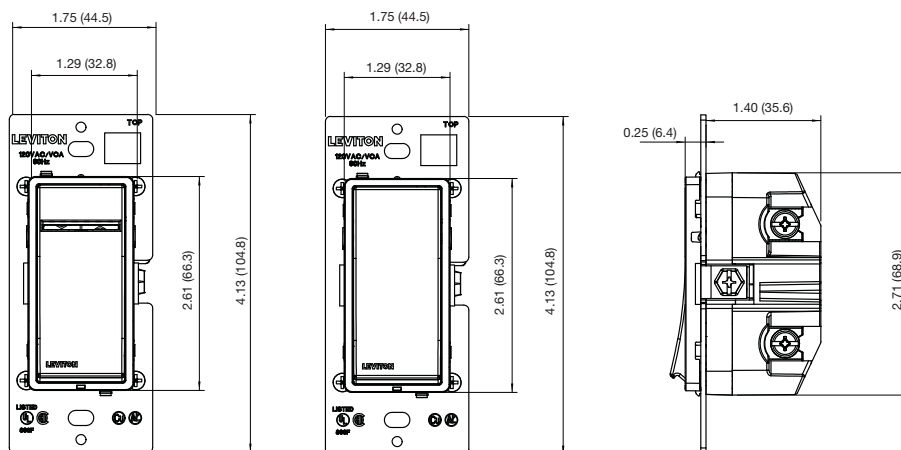
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**DIMENSIONAL DRAWINGS**

**VRCZ4-1L/VRCS4-1L**



**VRCZ1-1L/VRCS1-1L**

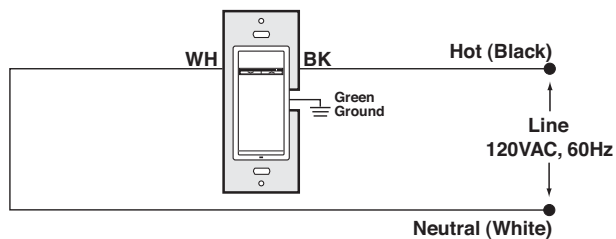


**WIRING DIAGRAMS**

**DIAGRAM 1**

1-Button Controllers

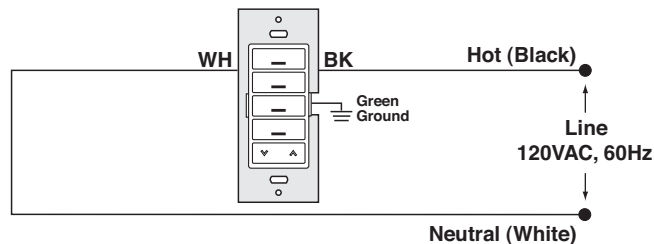
**1- Button Zone Controller**



**DIAGRAM 2**

4-Button Controllers

**4-Button Scene Controller**



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**WARRANTY INFORMATION**

- Limited Five-Year Warranty

**PROGRAMMING**

- See instruction manual included with product for programming information
- Vizia RF + system guide is a resource available for download at [viziarpplus.com/documents](http://viziarpplus.com/documents)

**ORDERING INFORMATION**

DESCRIPTION	CAT NO	DETAILS	COLOR
Vizia RF + 4-Button Zone Controller with IR Remote Capability	VR CZ4-1L	No Load Rating 120VAC, 60Hz (Neutral Required)	X, Z
Vizia RF + 4-Button Scene Controller with IR Remote Capability	VR CS4-1L	No Load Rating 120VAC, 60Hz (Neutral Required)	X, Z
Vizia RF + 1-Button Zone Dimming Controller/Virtual Matching Dimming Remote	VR CZ1-1L	No Load Rating 120VAC, 60Hz (Neutral Required)	X, Z
Vizia RF + 1-Button Scene Controller/Virtual Matching Switch Remote	VR CS1-1L	No Load Rating 120VAC, 60Hz (Neutral Required)	X, Z
Vizia RF + Handheld IR Remote Controller	VR MR1-0SG	2 AAA batteries (Not included)	Silver

Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond.

**COLOR CHANGE KITS**

COLOR	MATCHING DIMMER COLOR CHANGE KIT WITH LED LOCATOR AND BRIGHTNESS DISPLAY FOR VR CZ1	MATCHING SWITCH COLOR CHANGE KIT WITH LED LOCATOR FOR VR CS1	4-BUTTON SCENE CONTROLLER COLOR CHANGE KIT WITH LED LOCATOR FOR VR CS4	4-BUTTON ZONE CONTROLLER COLOR CHANGE KIT WITH LED LOCATOR FOR VR CZ4	4-BUTTON SCENE LABEL KEY KIT FOR VR CS4	4-BUTTON ZONE LABEL KEY KIT FOR VR CZ4
Ivory	VPKIT-MDI	VPKIT-MSI	VPKIT-S4I	VPKIT-Z4I	VPSLB-S4I	VPZLB-Z4I
White	VPKIT-MDW	VPKIT-MSW	VPKIT-S4W	VPKIT-Z4W	VPSLB-S4W	VPZLB-S4W
Almond	VPKIT-MDA	VPKIT-MSA	VPKIT-S4A	VPKIT-Z4A	VPSLB-S4A	VPZLB-Z4A
Gray	VPKIT-MDG	VPKIT-MSG	VPKIT-S4G	VPKIT-Z4G	VPSLB-S4G	VPZLB-Z4G
Black	VPKIT-MDE	VPKIT-MSE	VPKIT-S4E	VPKIT-Z4E	VPSLB-S4E	VPZLB-Z4E
Brown	VPKIT-MDB	VPKIT-MSB	VPKIT-S4B	VPKIT-Z4B	VPSLB-S4B	VPZLB-Z4B
Red	VPKIT-MDR	VPKIT-MSR	VPKIT-S4R	VPKIT-Z4R	VPSLB-S4R	VPZLB-Z4R
Light Almond	VPKIT-MDT	VPKIT-MST	VPKIT-S4T	VPKIT-Z4T	VPSLB-S4T	VPZLB-Z4T

4-Button scene controller key kit labels: ACCENT, ALERT, ALL OFF, ALL ON, CLEANUP, ENTERTAIN, EVENING, GOOD MORNING, GOOD NIGHT, GOODBYE, MOVIE, RECESS, ROMANCE, SCENE, VACATION and WELCOME.

4-Button zone controller key kit labels: ATRIUM, BAR, BASEMENT, BEDROOM, CHANDELIER, COUNTER, DECK, DEN, DINING ROOM, DRIVEWAY, ENTRY, FAMILY ROOM, FAN, FOYER, GARAGE, HALL, KITCHEN, LAMP, LANDSCAPE, LIBRARY, LIGHT, LIVING ROOM, MASTER BATH, MASTER BED, OFFICE, PATH, PATIO, PORCH, ROPE LIGHTS, SCONCE, UTILITY and WALL.

The Vizia +™ products are covered by one or more of the following patents: US D531,137; US D563,326; US D563; US 6,388,399; CA 116,616; other U.S. and foreign patents pending.  
Vizia +, Vizia RF +, Decora Plus are trademarks and Decora is a registered trademark of Leviton Manufacturing Co., Inc.  
Z-Wave is a registered trademark of Zensys Corporation.

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