



## Scene Capable Plug-In Lamp Dimming Module

Cat. No. VRP03-1LW

Rated: 120VAC, 60Hz

Incandescent: 300W max., 14W min.

### INSTALLATION INSTRUCTIONS



DI-030-VRP03-02A-X1

#### WARNINGS AND CAUTIONS:

- 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.
- To reduce the risk of overheating and possible damage to other equipment do not install to control a motor-operated appliance, fluorescent lighting fixture, or a transformer supplied appliance.

#### INTRODUCTION

Leviton's ViziaRF +™ 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 ViziaRF +™ 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.

#### CAUTION:

Remember to exercise good common sense when using the Timer features of your remote, especially when scheduling unattended devices. There can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. **DO NOT USE** the remote for the control of high power heating appliances such as portable heaters. This device will not control lighting that is used with electronic low-voltage and high frequency power supply transformers, nor high pressure discharge lamps (HID lighting). This includes mercury-vapor, sodium vapor and metal halide lamps. **DO NOT** change location after unit is enrolled in Z-wave® network.

#### FEATURES

- Soft fade ON/OFF
- Scene capable
- ON/OFF LED
- Two way communication
- Manual ON capability at load
- RF reliability
- Ease of installation – No new wiring
- Compatible with other Z-Wave® enabled devices

#### INSTALLING YOUR DIMMING MODULE

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

##### Step 1 Attaching Load to Scene Capable Plug-In Lamp Dimming Module:

**NOTE:** In order to use your Vizia RF +™ Scene Capable Lamp Dimming Module in a Z-Wave® network, it must be included into the network using a Primary Programmer/Remote, such as Leviton's Cat. No., VRCPG. Before including your module, please refer to the Primary Programmer/Remote instruction sheet for complete information. **Refer to Step 3 for further details.**

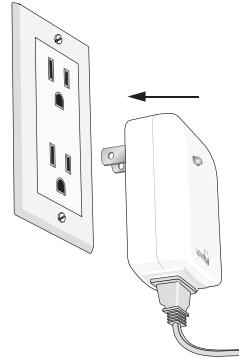
- Locate lamp to be controlled by Scene Capable Plug-In Lamp Dimming Module and ensure it is fully operational. Attach lamp plug into module receptacle noting proper polarity of blades.



##### Step 2 Attaching Scene Capable Plug-In Lamp Dimming Module to Wall Receptacle:

- Plug the Plug-in Dimmer Module into wall receptacle. Verify that receptacle is live. If controlled by a wall switch, the switch **must be kept ON** at all times.

#### Step 2 cont'd



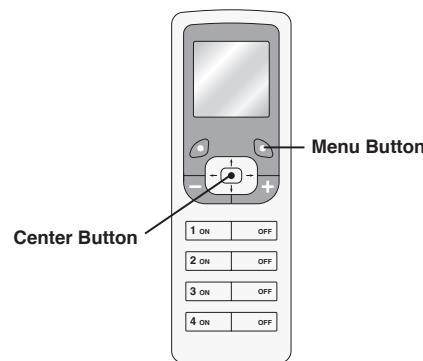
##### Step 3 Including Scene Capable Plug-In Lamp Dimming Module into Z-Wave® Network:

###### NOTES:

- If using a non-Leviton Programmer/Remote, refer to the Programmer/Remote instruction sheet for including a device.
- If using the VRCPG's Install Checklist feature, go directly to Step B.

**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.

Programmer/Remote  
Cat. No. VRCPG



#### Step 3 cont'd

**B)** While standing close to the module (approximately 1 foot), press the center button to <Include> device in the network.

**NOTE:** Only one device may be included at a time. **DO NOT** put multiple devices into the Inclusion mode at any time.

**C)** While the Programmer/Remote is in the Inclusion mode and the LED is ON on the Scene Capable Plug-In Lamp Dimming Module, press the ON/OFF button on the module. The Programmer/Remote will verify inclusion and the LED will turn OFF on the Scene Capable Plug-In Lamp Dimming Module.

**NOTE:** If the LED on the Scene Capable Plug-In Lamp Dimming Module turns solid Red while including, there has been a communication error. **Refer to Troubleshooting section.**

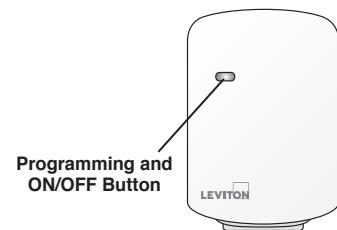
**D)** The Primary Programmer/Remote will assign a node ID number (Name) for this module.

**NOTE:** This ID number (Name) will be stored in the controller to be used for future reference.

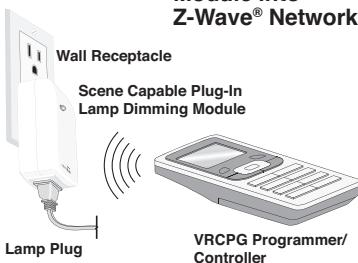
**NOTE:** You may name or edit this device at this time.

**E) The module is now installed in the network.**

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



**Step 3 cont'd** Including Scene Capable Plug-In Lamp Dimming Module into Z-Wave® Network:



**NOTE:** Programmer/Controller must be in close proximity (approx. 1 foot) to Scene Capable Plug-In Lamp Dimming Module when including into network

**Step 4** Excluding Plug-In Lamp Dimming Module from Network:

**NOTE:** It is very important to accurately exclude devices from the network when moving or removing a device from a Z-Wave® network. This ensures that all information has been removed from your Primary Programmer/Remote's information table and is not counted on to be a part of the mesh 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.

**B)** While standing close to the module (approximately 1 foot), press the center button to <Exclude> device from the network.

**NOTE:** Only one device may be excluded at a time.

**C)** While the Programmer/Remote is in the Exclusion mode and the LED is ON on the Scene Capable Plug-In Lamp Dimming Module, press the ON/OFF button on the module. The Programmer/Remote will verify Exclusion and the LED will turn OFF on the Scene Capable Plug-In Lamp Dimming Module.

If the Scene Capable Plug-In Lamp Dimming Module is flashing Amber while in the Exclusion mode, the Programmer/Remote is still trying to communicate with the module. Wait until the device stops flashing, then press the ON/OFF button.

**Step 4 cont'd**

**Factory Default:**

If your module 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 module to its original factory settings. To accomplish this, proceed as follows:

- Unplug the module and wait 5 seconds. Plug the module back in and within 20 seconds press and hold the programming button until the LED turns Amber and then turns Red. The module is now reset. Once the module 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 REMOTE'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).

**OPERATION**

**NOTE:** For complete details on operating the Primary Programmer/Remote, refer to the individual device's instruction guide.

**ON:** This command will BRIGHTEN the lights to the last level set.

**OFF:** This command will DIM the lights to OFF.

**BRIGHTEN:** This command will BRIGHTEN the lights to the desired level.

**DIM:** This command will DIM the lights to the desired level.

**MANUAL ON:** If Scene Capable Plug-In Lamp Dimming Module is OFF, turn the switch located on the controlled lamp OFF for a few seconds, then ON again. The module will turn the lamp ON to full BRIGHT. This procedure can be used to turn ON the lamp without accessing the transmitter.

**NOTE:** If a power interruption should occur while the device is ON, the light load will return to its previous state when power is restored.

**NOTE:** The Scene Capable Plug-In Lamp Dimming Module can control the Load before being included in the Z-Wave® network. After powering up module, wait 10 seconds, then press the Programming ON/OFF button to turn the Load ON or OFF.

**MANUAL OPERATION:**

**ON:** Press the button on the Scene Plug-In Lamp Dimming Module to turn the lights from OFF to ON.

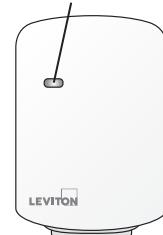
**NOTE:** The lights will turn ON full BRIGHT regardless of the last level set.

**OFF:** Press the ON/OFF button to turn the lights from ON to OFF.

**BRIGHTEN:** Press and hold the ON/OFF button to BRIGHTEN the lights to the desired level.

**DIM:** Press and hold the ON/OFF button to DIM the lights to the desired level.

**Press ON/OFF Button**



**TROUBLESHOOTING**

If the Scene Capable Plug-In Lamp Dimming Module appears to be functioning improperly, proceed with the following steps:

1. Confirm that the device is being supplied from a 120V, 60Hz AC source ONLY.
2. Confirm that the Load being controlled is in proper working order (local switch is ON) and check for burned-out bulbs.
3. Confirm that the load being controlled does not exceed the 300W module limit.
4. Confirm that the unit is programmed properly. Select Device List to verify that it has been included into Z-Wave™ network.

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

Protected under U.S. Patent Number 6,388,399 and patents pending and licensed under U.S. Patents Numbers 5,905,442, and 5,982,103

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**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.

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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, 201 North Service Road, Melville, New York 11747. 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.

**LIMITED 5 YEAR WARRANTY AND EXCLUSIONS**