Leak Gopher Z-Wave Valve Control

Model: LGZW-NV

Rev: 1.0

Power: 12VDC 2A

User's Manual

The Leak Gopher Z-Wave Valve Control (LGZW-NV) works with Z-Wave enabled security alarm systems to protect your home or business from water leaks. The Z-Wave Valve Control is designed to connect to an existing alarm system where water sensors are attached. When the water sensors detect water, the Z-Wave Controller can be programmed to tell the Leak Gopher to automatically turn the water off, protecting your home or business. The Z-Wave Valve Control is Z-Wave Plus certified to support the latest Z-Wave Controller capabilities.

You can also operate the electronic water valve directly using on and off buttons located in the top of the Z-Wave Valve Control.

Locate and install the electronic water valve and connect it to the Leak Gopher using standard telephone wires (4 wire) and connectors.

How to install the Leak Gopher Z-Wave Valve Control
1. Determine where you want to mount the Leak Gopher Z-Wave Valve Control and secure it to the wall using the mounting holes located in the top and bottom of the device.
2. Plug the 12VDC power adapter (included) into the bottom of the Leak Gopher.
3. Install the Electronic Water Valve

How to install the Leak Gopher Electronic Water Valve

*** CAUTION ***
Do NOT insert fingers into the valve as this may cause serious injury!

The plumbing in every building is different. Determining where to locate the Leak Gopher Electronic Water Valve is an important part of the installation process. While outside the scope of these instructions, the optimum place to locate the valve is where it can turn off all of the water entering the premises to be protected. In a residential setting this is typically on the main water line coming into the house. Variations in plumbing make it impossible to provide detailed installation instructions for your installation. Your situation may require rerouting the water line, or other changes to your plumbing. It is your responsibility to check with your local codes department to determine if a licensed plumber is required to install the Electronic Water Valve.

Depending on your Z-Wave controller, and its capabilities, the Leak Gopher Z-Wave Valve Control can be added to the controller as a Z-Wave device, operated directly from the controller, or incorporated into scenes, etc.

How to Add the Leak Gopher Z-Wave Valve Control to your Z-Wave Controller
- Plug the wall cube power adapter (included) into the receptacle on the bottom of the Leak Gopher Z-Wave Valve Control marked "12 V". Plug the wall cube into a 110 VAC outlet. This provides power to the Leak Gopher Z-Wave Valve Control.
- Configure the Z-Wave Controller to Include/Add a device.
- When the Z-Wave Controller is ready to include/add a device, it will display a message like "waiting to add device". Press Include/Add button on the front of the device.
- The Include/Exclude button is located on the front of the Leak Gopher Z-Wave Valve Control. The button is the Z-Wave logo located under the OFF button. Press the Include/Remove button. Depending on your controller you may have to press the button 3 times.
- The Z-Wave Controller will acknowledge that the Leak Gopher Z-Wave Valve Control had been added to the Z-Wave network.
- Your Leak Gopher Z-Wave Valve Control is ready to use.

How to Remove the Leak Gopher Z-Wave Valve Control to your Z-Wave Controller
- Plug the wall cube power adapter (included) into the receptacle on the bottom of the Leak Gopher Z-Wave Valve Control marked "12V". Plug the wall cube into a 110 VAC outlet. This provides power to the Leak Gopher Z-Wave Valve Control.
- Configure the Z-Wave Controller to Exclude a device.
- When the Z-Wave Controller is ready to exclude a device, it will display a message like "waiting to exclude device. Press exclude button on the device"
- The Include/Exclude button is located on the front of the Leak Gopher Z-Wave Valve Control. The button is the Z-Wave logo located under the OFF button. Press the Include/Remove button. Depending on your controller you may have to press the button 3 times.
- The Z-Wave Controller will acknowledge that the Leak Gopher Z-Wave Valve Control had been excluded from the Z-Wave network.
- Your Leak Gopher Z-Wave Valve Control is excluded from this controller.

How to reset the Leak Gopher Z-Wave Valve Control
- To reset the Leak Gopher Z-Wave Valve Control Z-Wave radio and routing table, press and hold the Include/Exclude button located on the front of the Leak Gopher Z-Wave Valve Control for 15 seconds.

How to turn water on and off manually
- Plug the wall cube power adapter (included) into the receptacle on the bottom of the Leak Gopher Z-Wave Valve Control marked "12V". Plug the wall cube into a 110 VAC outlet. This provides power to the Leak Gopher Z-Wave Valve Control.
- Plug the Leak Gopher electronic ball valve into the RJ-11 (telephone type connector) connector located on the bottom of the Leak Gopher Z-Wave Valve Control.
- Standard telephone wires, extenders, and connectors with RJ-11 connectors can be used to extend the distance between the Leak Gopher Z-Wave Valve Control and the Leak Gopher electronic ball valve up to 30 feet. The maximum recommended distance between the Leak Gopher Z-Wave Valve Control and the Leak Gopher electronic ball valve is 30 feet.
- On front of the Leak Gopher Z-Wave Valve Control there are two buttons.
- The button on the top is labeled On. Press this button to open the Leak Gopher electronic ball valve turning the flow of water on.
- Also on the front is the Off button. Press this button to close the Leak Gopher electronic ball valve turning the flow of water off.