

### Limited Warranty & Disclaimer

- Leak Intelligence, LLC will repair or replace, at its option, any part of the device, which proves to be defective in workmanship or material under normal use, in the USA except in the states of Alaska or Hawaii, for a period of twelve months from the date the device is purchased. During the warranty period, Leak Intelligence, LLC will repair and provide all parts necessary to correct such defects, free of charge, provided the device has been operated in accordance with the manufacturer's guidelines. The Customer will return the device to Leak Intelligence, LLC for testing and repair or replacement. Should you need service, during warranty period or beyond, call 855-828-2811 to obtain return authorization before shipping your device to Leak Intelligence, LLC.
- Except for the obligation to repair or replace the Leak Gopher as stated herein, Leak Intelligence, LLC shall not be liable for any incidental or consequential damage caused by failure of the Leak Gopher to function as advertised or expected.
- Leak Intelligence, LLC technicians, will provide all warranty service and this warranty is void if the device has been opened or serviced by anyone other than a Leak Intelligence, LLC technician.
- EXCEPT FOR THE LIMITED WARRANTY AS STATED IN THIS AGREEMENT, THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. LEAK INTELLIGENCE, LLC DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AS TO PRODUCTS AND SERVICES SUPPLIED UNDER THIS AGREEMENT. IN NO EVENT WILL LEAK INTELLIGENCE, LLC BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, COMMERCIAL LOSS, PROPERTY DAMAGE, LOSS OF USE, LOSS OF REVENUES, PROFITS, OR SAVINGS, EVEN IF LEAK INTELLIGENCE, LLC KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.
- Leak Intelligence, LLC does not guarantee the leak notification service in regards to notification of leaks. Leak Intelligence, LLC is not responsible for any value of water loss, commercial loss or any property damage, or for any other loss or damage caused or incurred as a result of the failure of the device and/or failure of the notification service.
- Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.
- Your state laws or local ordinances may require that a licensed plumber perform installation of this device. The manufacturer is not responsible for enforcement of your states law or local ordinances.
- Damage limitation warning. In no event shall manufacture be liable for any incidental or consequential damages including water damage, damage to other property by water, loss of use of the product, loss of time, inconvenience, travel expense, lodging expenses, lost by damage to personal property, loss of income, profits or revenues.

### Leak Gopher Leak Detector – Valve Controller

#### LGLDV-1 User's Manual (Battery Powered or Battery Backup)

The Leak Gopher Leak Detector - Valve Controller is an all in one device to protect your home or business from water leaks. The Leak Detector – Valve Controller is designed to sense the presence of water, sound an audible alarm and turn the water off automatically.

You can also operate the valve directly using on and off buttons located on the front of the Leak Detector – Valve Controller.

The Leak Gopher Leak Detector - Valve Controller is designed for those applications where the area or appliance you want to monitor for water leaks (i.e. water heater) and the water line where you want to install the electronic water valve are located in the same location. You can locate the electronic water valve anywhere and connect it to the Leak Gopher using standard telephone wires (4 wire) and connectors.

The Leak Gopher Leak Detector-Valve Controller is a device that can be powered by a power supply or a 9Volt battery. If a power supply is used, the battery will act as a backup. If there is not a battery connected or if the battery becomes low, the Leak Gopher will sound a beep every 10 seconds until the battery is replaced. If you have a Leak Gopher Receiver/ Ethernet Interface and have subscribed to the Leak Gopher Notification Service you will also receive a low battery alert on your phone or email (if alerts are set up through the service). 1¼", 1½", and 2" valves **REQUIRE** a 12V Leak Gopher Valve Controller and 12V power supply.

#### \*\*\* CAUTION \*\*\*

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

#### How to install the Leak Gopher Leak Detector – Valve Controller

1. Determine the area where you want to place the Leak Gopher water sensor. A low profile water sensor is available if you need to place the sensor under appliances, etc. Visit [www.leakintel.com](http://www.leakintel.com) for more information.
2. The water sensor has a 2-meter telephone wire attached.
3. Determine where you want to mount the Leak Gopher Leak Detector - Valve Controller and secure it to the wall using the mounting holes located in the top and bottom of the device.
4. Un-screw the lid on the Leak Gopher Wireless Leak detector and Plug in the provided 9Volt Battery to the battery connector wire.
  - *Battery life depends on the usage of the device*
  - *Battery is expected to have a one year life span*
  - *It is Recommended that the Battery be changed every 6 months*
5. Plug the Duplex Adapter (included) into the bottom of the Leak Gopher.
6. If the 2-meter telephone wire from the water sensor will reach, plug it into the Duplex Adapter on the bottom of the Leak Gopher.
7. You can use standard telephone wires (4 wire) and connectors to extend the water sensor wire to the leak Gopher. The water sensor uses the center two wires, usually red and green, just in case you want to attach the telephone wires to a biscuit connector, etc)
8. You can use standard telephone duplex adapters (splitters) to install multiple water sensors to the Leak Gopher.
9. Plug the 3.6VDC power adapter (included) into the bottom of the Leak Gopher.
10. The Leak Gopher will beep and a light on the front will blink.
11. Install the electronic water valve

## How to install the Leak Gopher Electronic Water Valve

Building Codes are different in every State and Locality. In many areas Building Codes require a licensed plumber and possibly a permit to modify or install plumbing fixtures. Please check with your Building Codes department or contact a licensed plumber to find out what is required in your area.

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. The following instructions will only serve as a guide. Your situation may require more connectors, rerouting the water line, or some other changes in the procedures. 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.

The following instructions assume you are using the optional Leak Gopher Installation kit that is available at [www.leakintel.com](http://www.leakintel.com)

1. Turn off the water to the premises. **FAILURE TO TURN OFF ALL OF THE WATER TO THE PREMISES WHERE THE VALVE IS BEING INSTALLED WILL RESULT IN FLOODING!**
2. On a straight section of the water line, **AFTER THE WATER SHUT OFF VALVE**, make two marks 12" apart where you want to install the valve.
3. Cut the pipe on the two marks that are 12" apart.
4. After removing the 12" cut section, make a mark 1" back from the end of both pipes where the connectors will be attached. These marks will help you insure the SharkBite Connectors are pushed all the way onto the pipe for proper installation.
5. Wrap Teflon plumbing tape (included) around the SharkBite connector threads 8 times, apply pipe sealant to the threads and screw it into the water inlet side of the electronic water valve and tighten it securely using two slip joint pliers or wrenches.
6. Wrap Teflon plumbing tape around one end of the threaded brass nipple 10 times, apply pipe sealant and screw it into the other end of the electronic water valve. Be careful not to damage the threads on the nipple.
7. Screw the other end of the nipple, the one without Teflon tape, into the flexible hose. The flexible hose has a rubber washer so the nipple does not need to be as tight as the other threaded connections. Do not over tighten.
8. Slide the SharkBite Connector attached to the valve onto the incoming water line. Be sure the SharkBite Connector is all the way on the pipe.
9. Loop the SharkBite Flexible Hose so that the SharkBite Connector on the end can be pushed onto the other pipe. Be sure the SharkBite Connector is all the way on the pipe.

10. Slowly turn the water on to the premises while carefully checking for leaks.
11. The electronic water valve has a 2-meter telephone wire attached.
12. If the 2-meter telephone wire from the electronic water valve will reach, plug it into the duplex connector in the bottom of the Leak Gopher.
13. You can use standard telephone wires (4 wire) and connectors to extend the valve wire to the Leak Gopher up to 30 feet. The Electronic Water Valve uses the outside two wires of the 4-wire telephone wire, usually yellow and black, in case you want to install telephone biscuits or other connectors.

## Optional Flex Kit (LGIK-2 3/4" Flex Kit)

In some cases it is easier to have a flexible hose on both ends of the valve. Additional flexible hoses are available in the Leak Gopher Flex Kits. Also included in the Flex Kit is a brass threaded nipple and Teflon tape.

Installation Kits and Flex Kits are available for 3/4" and 1/2" water lines. See [www.leakintel.com](http://www.leakintel.com) for more information.

Check out our Installation Videos at [www.leakintel.com](http://www.leakintel.com)

## Testing the Leak Detector – Valve Controller

1. Place the water sensor into a container with water.
2. The Leak Detector will sound an audible alarm. The alarm will repeat every 10 seconds.
3. The electronic water valve will close.
4. To turn off the audible alarm, press the Silence button on the front of the Leak Gopher for 3 seconds.
5. The electronic water valve will remain closed
6. You must wait one minute after the electronic water valve closes before starting the opening procedure. This allows the valve time to fully close.
7. To open the electronic water valve, press the On button on the front of the Leak Gopher.
8. The electronic water valve will open.

That's it! Be sure to leave the electronic water valve open!

Your home or business is now protected. If the Leak Gopher senses water it will automatically turn the water off. The audible alarm will continue to sound until you press the Silence button to silence it, even if the water at the water sensor dries.

There are other models of the Leak Gophers that work wireless with your Z-Wave enabled security system, other Z-Wave Controllers or using the Leak Gophers very own wireless technology. There is a Leak Gopher with a Wireless Valve Controller to allow the Electronic Valve to be located away from the Wireless Leak Detector and not connected using wires. There is a Leak Gopher Manual Valve Controller to simply turn water off and on at the press of a button. Visit [www.leakintel.com](http://www.leakintel.com) for more information.