NORTEK
SECURITY & CONTROL

GoControl™

WF00Z-1

Z-Wave Radio Frequency (RF) Controlled
Flood Detector

WF00Z-1
TRANSMITTER

INDICATOR

7-FOOT
CABLE

FLOOD
SENSOR
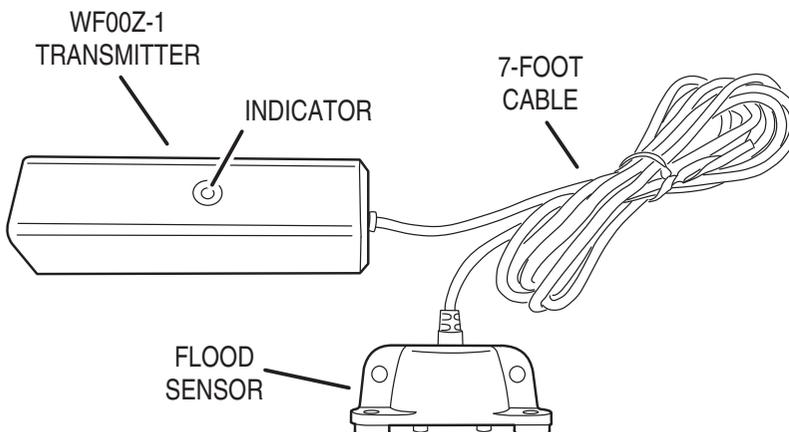
> **NOTE:** This unit must be added to the Network **only where it will be permanently installed.** The proper operation of this node in the <u>mesh network</u> is dependent on it knowing its location with respect to other nodes. You cannot "test bench" configure this unit, then install.

GOCONTROL SMART LEAK DETECTOR

The GoControl™ family of Z-Wave® certified wireless lighting products (smart LED bulbs, switches, dimmers, outlets, plug-in modules), security devices (alert sounder, motion sensor, and door/window sensor), and control products (garage door controller and thermostat) bring a new level of intelligent wireless capability to commercial and residential environments.

The Z-Wave wireless protocol is an international wireless standard for remote home automation, security and other applications. Embedded in each device, the Z-Wave smart chip enables two-way RF communication among hundreds of Z-Wave enabled devices, allowing products and services from multiple manufacturers to work seamlessly.

The WF00Z-1 Smart water detector is simple to set up and provides an alert when there is water present at specific high risk locations; water heater, under sinks washing machine.

GoControl Z-Wave products are easy to install, are Z-Wave Plus certified, and allow dealers to create an integrated wireless network with nearly limitless expansion and interoperability with security, energy management, home entertainment, appliances, and more.

For indoor use only. Retain instructions for future use.

Z-WAVE PLUS FEATURES

The WF00Z-1 contains a Z-Wave 500 Series Module that supports Z-Wave Plus® features. A Z-Wave certified portable or stationary Controller can communicate with the Z-Wave 500 Series Module.
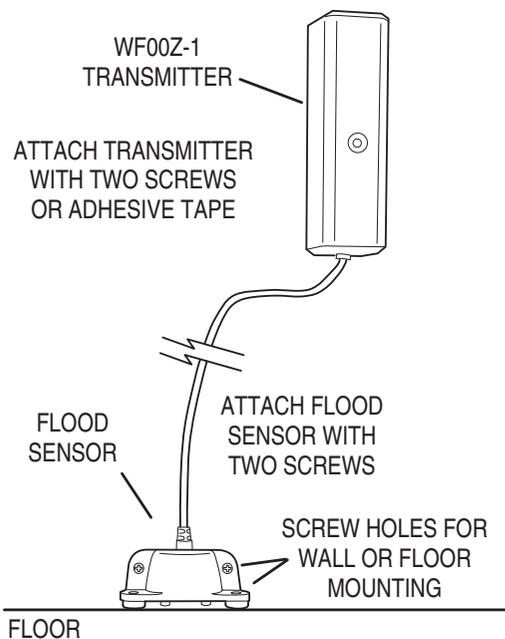
Depending on the capability of the Controller or gateway software, the following operations will be performed by FloodZ. Refer to the controller or gateway manual for details.

- Send an alert if water is present.
- Add or Remove FloodZ.
- Over-the-air firmware update by the gateway or static Controller.

INSTALLATION

The WF00Z-1 consists of the transmitter and a sensor that is connected to it by a 7 foot long wire. The sensor can attach to the floor or wall with the two screws (supplied).

1. Add the WF00Z-1 to a Z-Wave network (see reverse side).
2. Use two screws provided to attach the flood sensor to the floor or wall in the location where flooding is most likely to occur.
3. Use two screws or the double-stick tape supplied to attach the transmitter to the wall, above the sensor level.

✓ *NOTE: Position the WF00Z-1 in a location where it would not likely be affected by flooding or have its wireless signal blocked by metal appliances.*

WF00Z-1
TRANSMITTER

ATTACH TRANSMITTER
WITH TWO SCREWS
OR ADHESIVE TAPE

FLOOD
SENSOR

ATTACH FLOOD
SENSOR WITH
TWO SCREWS

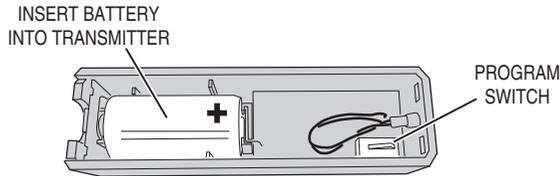SCREW HOLES FOR
WALL OR FLOOR
MOUNTING

FLOOR

Z-Wave® and Z-Wave Plus® are registered trademarks of Sigma Designs and its subsidiaries in the United States and other countries.

Z-WAVE PROGRAMMING

Adding to a Network:

Refer to your Controller operating instructions to add this device under the command of the Wireless Controller.

INSERT BATTERY
INTO TRANSMITTER

PROGRAM
SWITCH

1. Remove the small case screw and open the rear of the sensor.
2. Install the CR123 battery into the sensor's battery holder.
3. With your Controller in Discovery or Add Mode, press the **PROGRAM** switch. The red indicator will blink slowly.
4. When the FloodZ is added, the indicator will stay on.
5. You should see an indication on your Controller that the "device was added" to the network.

If the Controller/Gateway shows the addition failed, repeat Steps 1-3.

✓ **NOTE:** *If you have trouble adding the WF00Z-1 to a network it may be that the Home ID and Node ID were not cleared from it after testing. You must first "RESET UNIT" or remove it from the network.*

To Reset Unit (If Required):

In the event that your primary Controller is lost or otherwise inoperable, to reset the WF00Z-1 and clear all network information, follow these steps:

1. Remove the cover of the WF00Z-1.
2. Dip the sensor into a shallow cup of water to trigger the device 5 times within 10 seconds.
3. The WF00Z-1 will completely reset to factory defaults.

Removing from a Network:

The WF00Z-1 can be removed from the network by the Controller/Gateway. Refer to the Controller operating instructions for details.

1. Remove the cover of the WF00Z-1.
2. With the Controller in Remove Mode, press the **PROGRAM** switch for 1 second.
3. You should see an indication on your Controller that the device was removed from the network.

Associations

1. Remove the cover of the WF00Z-1 to initiate the "Awake" mode.
2. Put the Controller into "Association", and following its instruction to associate the WF00Z-1 to other devices.
3. Replace the cover after "Association" is complete.

The WF00Z-1 will get into "Sleep" mode for power saving.

Support grouping identifier = 1. Also supports one association group (5 nodes). "Association" is used for other grouped devices triggering.

Z-Wave Command Classes

COMMAND_CLASS_ASSOCIATION_V2
COMMAND_CLASS_ASSOCIATION_GRP_INFO
COMMAND_CLASS_BATTERY
COMMAND_CLASS_DEVICE_RESET_LOCALLY
COMMAND_CLASS_FIRMWARE_UPDATE_MD_V2
COMMAND_CLASS_MANUFACTURER_SPECIFIC_V2
COMMAND_CLASS_NOTIFICATION_V4
COMMAND_CLASS_POWERLEVEL
COMMAND_CLASS_SECURITY
COMMAND_CLASS_VERSION_V2
COMMAND_CLASS_WAKE_UP_V2
COMMAND_CLASS_ZWAVEPLUS_INFO_V2

SPECIFICATIONS

Power:	CR123A Lithium Ion battery (included)
Signal (Frequency):	908.42 MHz / 916 MHz
Range:	Up to 130 feet line of sight

REGULATORY INFORMATION

The WF00Z-1 is certified to comply with applicable FCC and IC rules and regulations governing RF and EMI emissions.

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

FCC Notice

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 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 to help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

IC Notice

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device complies with the Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

WARRANTY

IMPORTANT !!!

Radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

- For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.
- A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- Changes or modifications to the device may void FCC compliance.
- Infrequently used radio links should be tested regularly to protect against undetected interference or fault.
- A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

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