

WWA-01AA Wireless Water & Freeze Alarm, Installation Instructions



Initial Installation:

WWA-01AA Wireless Water & Freeze Alarm Sensor includes 2 x AA batteries. After you install the batteries you will hear 3 audible beep's from the unit to notify you it has been activated. Note: If you do not hear 3 beeps, please consult your user manual for trouble shooting your sensor. Use the provided hardware (4 screws) to screw the cover on.

After screwing the parts together, the use of some sealant, such as silicone caulk, around the screws is recommended.

Choosing a mounting location

The WWA-01AA is suitable for use in dry, interior locations only. Common applications include: Jacuzzi tub, under sinks, sump pump, refrigerator, water heater, toilets, and washing machines. Avoid placing the unit close to a metal frame, or other metal enclosures that may affect RF range. Do not place your sensor in an overly humid space. This may trip false alarms. **Place the unit so that any leaks that may occur will not drip directly on the unit, but puddle into the water sensor pads.**

Testing the WWA-01AA

Moisten a paper towel and place over both of the small metal pads on the water sensor until you hear the audible alarm sound. The water alarm may take up to 4 or 5 seconds before it sounds. If the alarm fails to sound, your battery may be old or dead or incorrectly installed, the sensor may not be moist enough, or the water sensor may be damaged. If you do hear the audible alarm, remove the moistened paper towel, clean the small metal pads of any water residue, and hold the button for 2 seconds to clear the alarm.

Battery / Low Battery

The WWA-01AA will send an alert on the Z-Wave™ network at regular intervals when it detects a low battery condition. In addition, it will periodically blink the LED. After a water leak, please ensure that there is no moisture in the unit and around the battery. Batteries are NOT covered under manufacturer warranty. **Please follow the guidelines from your Controller to maximize your unit's battery life:** Program the unit into your home automation network according to instructions provided by your specific controller/gateway. Note: Every z-wave controller has its own default "wake-up" cycle that it will automatically apply to the WWA-01 once installed into your network, typically 4 hours. Remember, that this "wake-up" notification cycle time does not affect the unit's measurement settings for water leak detection. If a water leak is detected by the WWA-01, it will send an alarm notification within seconds to the controller/gateway. In your controller interface, manually set the "wake up" interval in your device's settings to 4 hours, 8 hours or more according to your preference. You may need to consult your controller/gateway manufacturer with questions you may have. PLEASE DO NOT continually test the WWA-01. In alarm mode, the WWA-01 turns ON the buzzer and communicates with the Z-wave network, using up a large amount of battery life. A new battery is recommended to be installed after any actual alarm situation to ensure the unit has adequate power to continue to communicate in the z-wave network.

Using the WWA-01AA in a Z-Wave™ Network: Program Switch for Inclusion or Exclusion

The switch is used for including or excluding the WWA-01AA in a Z-Wave™ network.

Refer to your controller's User Manual for specific details on network inclusion, exclusion, and association.



Inclusion in (adding to) a network: 1) Set up the inclusion mode at the controller; 2) Press the button (or hold the button for approx. 2 seconds) until the controller indicates the unit has been included in the network. Also, a beep will be heard when the inclusion completes. *Inclusion and exclusion are always done at normal transmit power mode.*

Exclusion from (removing from) a network: 1) Set up the exclusion mode at the controller; 2) Press the button for approx. 2 seconds until the controller indicates the unit has been removed from the network. A beep will also be heard when the exclusion completes.

Awake Mode: To remain awake and listen for commands (when in a network), press and hold the button for at least 2 seconds. The WWA-01AA will stay awake for approx. 30 seconds.

Associations: Once in a network, a controller can be used to associate the WWA-01AA with other devices in the Z-Wave™ network, such as a light or another remote audible alarm. *Refer to your controller's documentation on how to associate the WWA-01AA to another device in your network.* The WWA-01AA supports two association groups. A maximum of 5 associated devices are allowed in each group.

The WWA-01AA sends the Basic Set Command to the associated nodes assigned to Group1 to convey that a Water Alarm is active. If no nodes are assigned to Group 1, then a Binary Sensor Report (value = 0xFF) is broadcast. The reports are sent at regular intervals while the water alarm is active. When the water alarm is cleared via the button, one additional report (with status = no alarm) is sent.

The WWA-01AA sends the Basic Set Command to the associated nodes assigned to Group2 to convey that a Freeze Alarm is active. If no nodes are assigned to Group 2, then a Binary Sensor Report (value = 0xFF) is broadcast. The reports are sent at regular intervals while the freeze alarm is active. When the freeze alarm is cleared due to temperature rise, one additional report (with status = no alarm) is sent.

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