# Water Sensor   Model FS-101

1. INTRODUCTION

The Water Sensor is designed to detect water overflow, water leakage, or rising water, such as the water level of your bathtub. It works in conjunction with AAA+™ Control Panel. When water is detected, the control panel will either alert you or alarm will be triggered.

In this package, you should find a water sensor, and a 3V lithium battery

Water Sensor — Transmitter
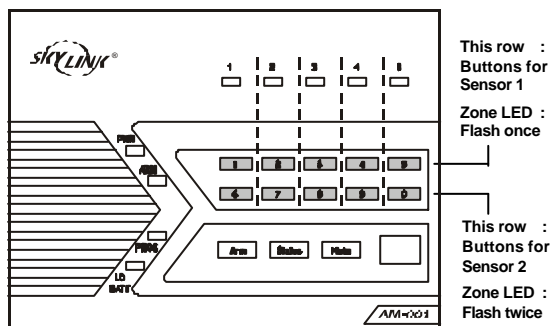— Sensor
3V Lithium battery
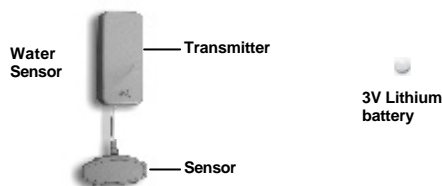
Please follow the instructions below to set up the water sensor.

2. LEARN SENSOR TO AAA+™ CONTROL PANEL

In order for the sensor to communicate with the control panel properly, the sensor must be programmed to the control panel. Follow the brief instructions below or refer to the detail instructions from the AAA+™ User's Instructions to program the sensor to the control panel. Before proceeding, please remove the battery isolator from the sensor.

Step	Keys	Function	Description	Note
1	☞ [PROG] [MPIN]	Enter Programming mode	Enter master password to programming mode	3 beeps for valid password. 1 long beep for invalid password.
2	☞ [3]	Select learn sensor programming		After [3] is entered, some zone LEDs will flash once, or twice, some will be off. The zone LEDs represent whether that zone is already occupied by another sensor. **See Table A below.
3	☞ [0] to [9]	Select sensor location	Refer to the diagram below to select the sensor location, which includes the zone and sensor number.	After you have selected the zone, that zone LED will be on.
4	☞ Activate the sensor by placing the sensor portion into water.	Activate sensor	Once the sensor is activated, the signal will be transmitted to the Control Panel which will be stored.	You will hear [**Zone X Sensor Y Accepted**], where X and Y are the zone and sensor numbers you have selected.

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This row : Buttons for Sensor 1
Zone LED : Flash once

This row : Buttons for Sensor 2
Zone LED : Flash twice

AM-xxx

ZONE LED	DESCRIPTION
Off	Zone is not occupied by any sensor
Flashes once	This zone is occupied by sensor 1.
Flashes twice	This zone is occupied by sensor 2.
Flashes once, then twice	This zone is occupied by sensors 1 and 2.

** **Table A:** Zone LED status for learning sensors.

2. LEARN SENSOR TO AAA+™ CONTROL PANEL (CONT)

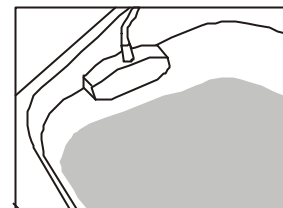|	SENSOR 1	SENSOR 2
Zone 1	Button [1]	Button [6]
Zone 2	Button [2]	Button [7]
Zone 3	Button [3]	Button [8]
Zone 4	Button [4]	Button [9]
Zone 5	Button [5]	Button [0]

Note:
Each location is allowed to learn one sensor only. Learning a sensor to a location will clear the memory of the sensor previously learnt.

After learning the sensor to the control panel, you may test the communication by placing the sensor portion of the water sensor into water, the AAA+™ Control Panel should beep. Removing it from the water will terminate the beeping.
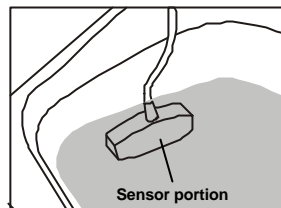
Sensor portion

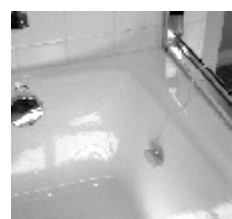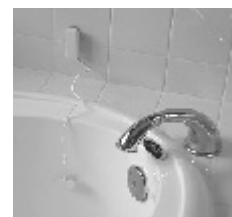**Beeping - sensor placed into water**   **No Beeping - sensor removed from water**

3. INSTALLATION

A clean smooth surface is required to mount the water sensor securely. Mount the transmitter portion and sensor portion to the appropriate location with suction cups respectively.

Note: The transmitter portion should never be submerged in water.

4. OPERATION

Water sensor is used to detect water. When water is detected, the sensor will transmit a signal to the control panel to notify the user.

5. SENSOR FAILURE OR LOW BATTERY

Sensor Failure

The control panel constantly monitors its sensors, if the control panel fails to communicate with any sensors, it will notify the user by:

1. The zone LED of the failed sensor will be on steadily;
2. Voice announcement "zone X sensor Y failure" will be played.

5. SENSOR FAILURE OR LOW BATTERY (CONT)

When sensor failure occurs, try the following:

1. Check if the sensor is located at where it should be, and whether there is any physical damage to the sensor.
2. If the failed sensor is not physically damaged, try to activate the sensor and see if the control panel reacts to such activation.
3. If not, try to remove the sensor from its location, and bring it closer to control panel and activate the sensor. It is possible that the sensor is installed too far from the control panel and it cannot establish a steady communication with the control panel. If this is the case, please install the sensor closer to the control panel.

Sensor Low Battery

Depending on the operating condition and environment, the battery life is approximately 2 years.

When the sensor is running low in battery, the sensor will send a wireless low battery signal to the control panel. The zone LED representing that sensor will be on steadily, indicating sensor(s) in that zone is in trouble condition. Control Panel will also have an announcement to advise the user the trouble condition is low battery, such as "zone X sensor Y low battery", where X and Y represent the zone and sensor number. Please replace the battery of that sensor.

6. OTHER AAA+™ ACCESSORIES

The AAA+™ control panel can work with different accessories include: Garage door monitor™ sensor, Indoor/outdoor motion sensor, Audio sensor, Remote control, Audio Alarm, etc. Please visit www.skylinkhome.com or contact us at support@skylinkhome.com for more information of how to fully utilize your Water Sensor.

7. FCC

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.

WARNING:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:
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 dose 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 for help.

8. CE

Declaration of Conformity
This equipment complies with the requirements relating to electromagnetic compatibility, EN 301489-3:2002, EN300220-3:2000, EN60950-1:2001, EN50371:2002. This equipment conforms to the essential requirement of the Directive (1999/5/EC) of the European Parliament and of the Council.

9. WARRANTY

If, within one year from date of purchase, this product should become defective (except battery), due to faulty workmanship or materials, it will be repaired or replaced, without charge. Proof of purchase and a Return Authorization are required.

10. CUSTOMER SERVICE

If you would like to order Skylink's products or have difficulty getting them to work, please :
1. visit our FAQ section at www.skylinkhome.com , or
2. email us at support@skylinkhome.com, or
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST. Fax (800) 286-1320

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