# SensorSays

This is a Quick Start Guide has been created to highlight the initial setup steps.

Please read the **Operating Instructions and Parts Manual** that was included with your package for complete instructions, troubleshooting help and safety precautions. A copy is also available on line at SensorSays.com

1. Verify Package Contents

Begin by unpacking your unit. Different versions of this product may have special or customized sensors to match the purchased part number. This Kit Includes the following.
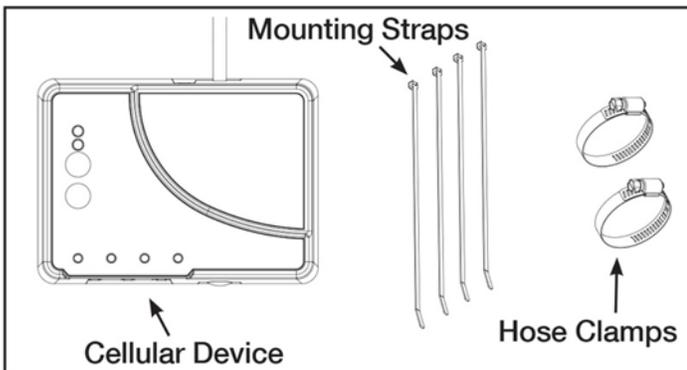
The SM4838 unit kit includes;

- **Water Leak Detector Sensor**

- **Single Float Level Sump Switch with Bracket**

- **A High/Low Dual Level Float Switch**

2. Initiate Communications - Verify Signal Strength

a.) Install (4x) AA batteries (not included)

b.) Plug the A/C power cord into a 120Vac outlet.

c.) Press and Hold the power button for 3 seconds. Your unit will Beep and begin powering up.

d.) Before purchasing the cellular package, you should check the signal strength at the installation site. To do this, the unit's Signal Status light will begin flashing green and should become Solid Green within a minutes of power on, indicating good cellular reception. If a solid green is not indicated;

      1) A flashing green light that does not turn to solid green, indicates you have sufficient cellular reception but your initial setup activation process may take longer, up to 45 minutes.

      2) A red light, could indicate insufficient cellular signal. Refer to the troubleshooting guide and go online and check the Verizon wireless 3G coverage map @ http://www.verizonwireless.com

(Note: You can take the unit elsewhere within the coverage area to test the unit for a solid green indication!)

3. Activate Your Unit Online (once you have verified signal strength above)

a.) Go to www.SensorSays.com/Active, to register and active your SensorSays Unit ID.

b.) Create a "NEW USER" Login (unless returning to register multiple units). Register your unit ID, and purchase the cellular plan. - Note: (This login will be different than your "Shop Cart" Login)

c.) You will receive an email with your SensorSays unit's phone number. Record and save this information in your Operating Manual. Keep this information for future account verification and billing information.

d.) Save and Name the SensorSays unit phone number provided as a Contact in your cell phone contact list, so you can text and receive messages from your unit or send them to others.

4.   Begin Programming Your Device

Set and complete desired features of your SensorSays unit using the **Command Operation Principles & Full List of Commands**. Start by texting your cell phone number as Phone1 in you SensorSays unit. This will allow you to receive text messages from your unit and control all future settings. Next name your unit so that when texts are received, they will be recognized by anyone who receives the texts.

** Consult the **Operation Instructions and Parts Manual** for a full description of each command and settings. Your unit will always respond with a double chirp and a response message when a correct command is received. It will responds with 3 beeps if it did not receive a proper command. If it did not beep within a minute, a message may have been sent but was never received by the unit.

Command Operation Principles

The SensorSays unit uses text messages from your phone to program certain features, i.e. notification numbers, device name, input name, input delays, temperature levels, etc.   (see Full List of Commands)

All text commands are structured as;

    command [space] command value   or   command

Examples; (if you text)

    phone   (the unit will text back all 3 phone numbers programmed into the unit)
   phone1 5558883388 (phone1 will be set to be 5558883388)

(Note: Texting "Setup" to your unit will return text you examples. of command Setups)

5.   Test The Operation and Install The Unit

Plug in your sensors or devices and trigger a response from your SensorSays unit. You should receive unique text messages, that you have programed, in reaction to each event.   Install your device in it's final location and your unit will notify you when an event has occurred. You may connect your unit to other sensors, at your own risk, for unique applications.

Unit Features

Figure B — Sump Alarm model shown
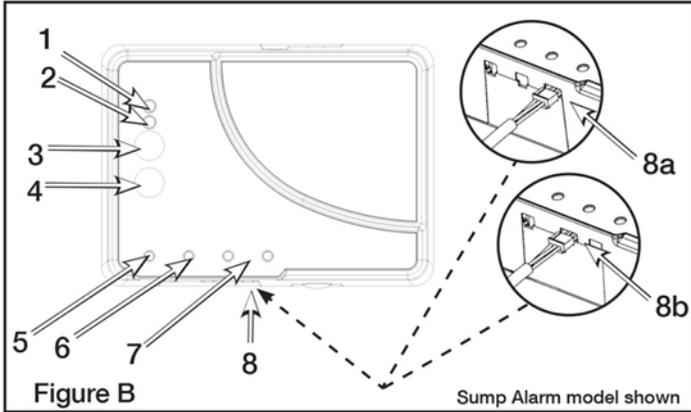
1. **Cellular Status Light**
2. **Low Battery Light**
3. **ON/OFF & MUTE** -
   Press and hold for 3 seconds for ON/OFF.
   Press the button 1 second to mute / unmute
4. **TEST**
5. **Input 1**
6. **Input 2**
7. **Inputs 3-4** (common wired)
8. **Sensor Ports** - 8b (2x) - 2 pin, 8a (1X) - 3 pin

Light Blinking Patterns

Your unit will warn you when there is a problem detected. Use the chart below to determine your notifications and light patterns.

Status Light	
Green Flashing	Sleeping because running on battery backup power
Green Blinking	Not ready, attempting to connect to cellular network
Green Solid	Ready
Red Solid	Cellular signal not present
Red Blinking Fast	An error occurred
Green to Orange Flashing	Unit is in Mute Mode
Low Battery Light	
Off	Batteries normal
Flashing Red	Batteries low or critically low
Flashing Green Once	Low temperature detected
Flashing Green Twice	High temperature detected
Input Lights	
Off	Input in normal condition
Blinking	Input in alarm condition

FULL LIST OF COMMANDS

Command	Example	Description
help		Requests a help message with a list of most used commands.
settings		Returns the current settings of the device in 3 separate messages.
setup		Requests a series of three messages that contain most used setup commands.
status		Returns the current status of the device.
test		Sends a test message to all phone numbers configured in the unit.
ctypeX [no/nc]	ctype1 nc *sets contact closure type of input #1 to normally closed*	Configures the contact type for the input (nc = normally closed, no = normally open). Default state is no. X is either 1, 2, 3, or 4; dependent on what input you're trying to update.
Contact [Contact Number]	contact 5558001000	Sets the contractor phone number to append to end of alarm messages, up to 14 characters.
contractor [Name]	contractor Acme Plumbing	Sets the contractor name to append to end of alarm messages, up to 20 characters.
delayX [Seconds]	delay1 60 *sets delay of input #1 to 60s.*	Sets delay time for input alarm in seconds from 0 - 9999. Default delay is 0 seconds for each input, meaning they trigger instantaneously. X is either 1, 2, 3, or 4; dependent on what input you're trying to update.
inputX [Input Name]	input1 Flood Sensor *sets input #1 to "Flood Sensor"*	Names the input, up to 20 characters. Default is "Input #X." X is either 1, 2, 3, or 4; dependent on what input you're trying to rename.
name [Device Name]	name Jones Alarm *sets name of device to Jones Alarm*	Names the device up to 20 characters. Default name is "Your Alarm".
phoneX [Phone Number]	phone1 5558882233 *sets phone #1 to 5558882233*	Configures phone numbers in the unit, up to 3. X is either 1, 2, or 3; dependent on what number you're trying to configure.
pwrdelay [Seconds]	pwrdelay 30 *device won't send a message unless power is out for at least 30s*	Sets power lost message delay in seconds from 0 - 9999. Default power delay is 5 seconds. Meaning power must be out for at least 5 seconds before a text message notification is sent.
silent [yes/no]	silent yes *sets input alarm so that it will not sound beeper.*	Enables or disables silent mode. When enabled, unit will not beep when input triggers. Defaults to no. Cannot be overridden locally, text only feature.
Sponsor [Sponsor Name]	sponsor Acme Insurance	Sets the sponsor name to append to end of alarm messages, up to 25 characters. Contractor settings override sponsor messages.
templow [°F]	templow 48 *sets low temperature threshold to 48°F.*	Sets low temp alarm threshold in °F.
temphigh [°F]	temphigh 99 *sets high temperature threshold to 99°F.*	Sets high temp alarm threshold in °F.
templow none		Clears low temperature alarm threshold.
temphigh none		Clears high temperature alarm threshold.