

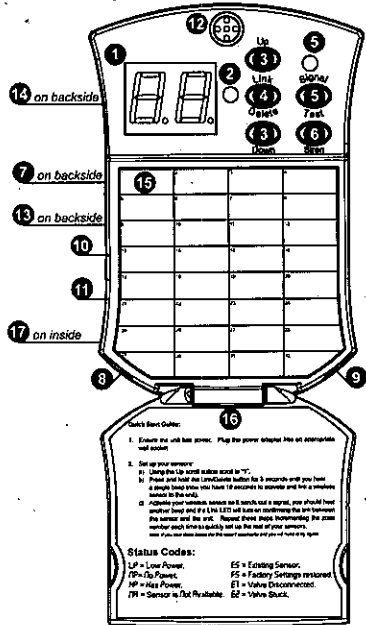
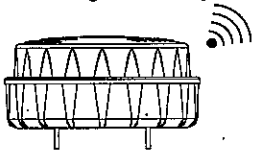
# The Flood SCREAMER®

Wireless Water Alarm Protection  
by STAMM® Innovations

The Flood Screamer® Wireless Water Alarm Control Unit is the easiest wireless water alarm system to use on the market. It allows central monitoring of 32 Water Pucks® with an easy-to-read LED display and simple three step programming for each zone. Place it at any convenient location in your home or workplace while the Water Pucks® or other sensors are put at the most strategic (and often less convenient) points where water damage may occur.

## Physical Features:

- Digital LED Display.
- Link LED.
- Scroll buttons (Up & Down).
- Link/Delete button.
- Signal Test button & Power LED.
- Siren button.
- Reboot/Reset button.
- Normally Open contacts.
- Normally Closed contacts.
- External 130 dB siren plug.
- External power plug.
- Internal speaker.
- Zip-tie mount holes.
- Wall mount holes.
- Sensor description matrix.
- Quick start guide.
- Internal rechargeable battery.



## How to delete sensors or change zones:

1. Scroll to the number of the sensor that you want to delete.
2. Press and hold the Link/Delete button for 3 seconds until it beeps.
3. Wait for 10 seconds until you hear 3 beeps signifying the delete is complete and the Link LED turns off.
4. Now the sensor can be linked to other zones.
5. To replace one sensor for another in any given zone you can overwrite it using the Link/Delete button, provided it hasn't already been linked to another zone. By linking the new sensor directly in place of the old one it is automatically overwritten and deleted.

## System Alerts:

1. **Status Codes:**
  - a) The FLOOD SCREAMER® monitors itself and the status of associated sensors. It communicates with you by displaying Status Codes on the LED Display. When a Status Code is triggered it will be displayed until it is acknowledged by pressing any button on the panel. Here is a list of the Status Codes you may see:
    - i. LP = Low Power (battery).
    - ii. NP = No Power.
    - iii. HP = Has Power (AC power connected).
    - iv. NR = Sensor is Not Available.
    - v. ES = Existing Sensor (sensor linked to other zone).
    - vi. FS = Factory Settings restored.
    - vii. E1 = Valve Disconnected.
    - viii. E2 = Valve Stuck.
2. **Backup Battery Low Power Alert:**
  - a) The FLOOD SCREAMER® has a built-in backup battery that automatically charges while it is plugged in. If power is interrupted the backup battery will eventually discharge and become low on power. Depending on circumstances this could happen within 24 to 72 hours. When low power is detected in the backup battery the LED Display will alternately flash "00" and "LP" (for "Low Power") 3 times while the Internal Speaker beeps 3 times.
  - b) When there is no external power connected and the backup battery

## How to Set Up:

1. Ensure the unit has power by plugging the power adapter into an appropriate wall socket.
2. Line up all your sensors near the FLOOD SCREAMER® and use the labels provided to number them starting from "1". Do this to all your sensors.
3. Use the Sensor Matrix to record the location in the house where each sensor will be placed. For example, if the sensor labeled "1" will be placed under the kitchen sink you should write "Kitchen Sink" in cell 1 of the Sensor Matrix. Do this for all your sensors.
4. Link your sensors to the FLOOD SCREAMER®:
  - a) Using the Up scroll button scroll to "1".
  - b) Press and hold the Link/Delete button for 3 seconds until you hear a single beep (now you have 10 seconds to activate and link a wireless sensor to the unit).
  - c) Activate your wireless sensor so it sends out a signal. If your sensor is a Water Puck® then simply place it on a damp paper towel to activate it, different sensors may have a "Signal" button or other method for activation. You should hear another beep and the Link LED will turn on confirming the link between the sensor and the unit. Repeat these steps incrementing the zone number each time to quickly set up the rest of your sensors.  
*Note: if you hear three beeps the link wasn't successful and you will need to try again.*
5. Place your sensors throughout the premises at strategic locations according to the numbers and descriptions on your Sensors and Sensor Matrix.
6. Activate each sensor at its intended location of use, all doors between the sensor and the FLOOD SCREAMER® should be closed during this process to ensure the wireless signal is strong enough to consistently trigger the siren.

has lost so much power that the FLOOD SCREAMER® can no longer function properly then the LED Display will show "NP" until the power is completely drained.

3. **Sensor Low Power Alert:**
  - a) The sensors that work with the FLOOD SCREAMER® are designed to send a low power alert when their battery power becomes low. When this type of signal is received the LED Display will alternately flash "XX" (displaying the offending zone number) and "LP" 3 times while the Internal Speaker beeps 3 times.
4. **External Power Loss Alert:**
  - a) When there is loss of external power the FLOOD SCREAMER® will beep 3 times and the LED Display will blink "00" then "NP".
5. **External Power Returned Alert:**
  - a) When external power comes back the FLOOD SCREAMER® will beep 3 times and the LED Display will blink "00" then "HP".
6. **Not Available Alert:**
  - a) Every 48 hours the associated wireless devices will check in with the FLOOD SCREAMER®, if the panel doesn't hear from the device it will beep 3 times then alternately flash "NR" and "XX" ("XX" indicates which sensor).
7. **Existing Sensor Alert:**
  - a) The FLOOD SCREAMER® will not allow instances of the same sensor to be acquired in multiple zones at one time. If a sensor has already been acquired and you try to acquire it again before deleting it the LED Display will show "ES" (Existing Sensor) then it will indicate which zone the device has already been acquired in. If you want to move a device from one zone to another you should first delete it from the zone it has already been linked to.
8. **Factory Settings Alert:**
  - a) There is a Reboot/Reset button located on the back of the FLOOD SCREAMER®, when pushed for 3 seconds the original factory settings will be restored (*linked sensors will be lost*). After pushing the button for 3 seconds the internal speaker will chirp once and the LED Display will flash "FS" validating it has returned to factory settings. The button is recessed into the enclosure to prevent accidental reset.
  - b) When pushed for one second it will reboot without restoring factory settings. This may be necessary if the system acts erratically or becomes non-responsive.

### 9. Valve Disconnected Alert:

- a) If a **Valve Screamer™ Motorized Valve Auto Shut Off** has been linked to the **Flood Screamer®** and the wire between the valve and the Valve Screamer™ is disconnected then the LED Display will alternately flash "E1" and the zone number the valve is linked to.

### 10. Valve Stuck Alert:

- a) If a **Valve Screamer™ Motorized Valve Auto Shut Off** has been linked to the **Flood Screamer®** and the valve fails to close properly when actuated the LED Display will alternately flash "E2" and the zone number the valve is linked to.

*Note: this feature may not be available on all models of Valve Screamer™.*

## Additional Features:

#### 1. Hibernate:

- a) The LED Display will turn off after 5 minutes of inactivity to conserve power. Push any button to wake the **FLOOD SCREAMER®**.
- b) If the **FLOOD SCREAMER®** detects activity from any associated sensor the LED Display will activate and the siren will sound continuously until the problem is corrected, in this case it will not hibernate.

#### 2. Special Zoning:

- a) Zone "00" is reserved for the alarm panel and is not user accessible. It is already linked to the expansion port at the bottom of the panel which can be used for Sump Pump Overflow Detector attachments and Sensor Pad attachments.

#### 3. Power/Signal LED:

- a) This is located above the Signal Test button and is green when there is power. It will turn blue when a wireless signal is forwarded.

*Note: If you purchased the version that sends text messages the Power LED will flash.*

#### 4. Signal Test Button:

- a) The Signal Test button briefly activates a wireless signal.
- b) This button is used when other devices such as a wireless siren need to acquire the **FLOOD SCREAMER®** wireless signal.

#### 5. Siren Button:

- a) When pushed once it will activate the siren and the relay switch that controls the normally open and closed contacts.
- b) Push it again to mute the Siren.

#### 6. Normally Open Contacts:

- a) This allows the **FLOOD SCREAMER®** to interact with an external system like a home alarm system or a phone dialer that is compatible with this type of signal.

#### 7. Normally Closed Contacts:

- a) This allows the **FLOOD SCREAMER®** to interact with an external system like a home alarm system or a phone dialer that is compatible with this type of signal.

#### 8. Disable Wireless Signal Forwarding:

- a) Each time a sensor is activated the **FLOOD SCREAMER®** forwards a wireless signal to activate other nodes like the **Valve Screamer™ Motorized Valve Auto Shut Off**. Disabling this feature may be useful in situations where you want to be notified of flooding circumstances but don't want the water turned off. For instance, if the **FLOOD SCREAMER®** Control Panel was set up in the basement above a sump-pit that pumped groundwater buildup out to the sewer and the Zone 00 expansion port had a Sump Pump Overflow Detector attached and installed in the sump-pit then it may not be beneficial to turn the water to the house off when levels of high groundwater is detected. By simply scrolling to Zone 00 and pushing the blue Link LED button wireless signal forwarding can be turned off. Once turned off the Link LED will flash continuously. There are 6 zones wireless forwarding can be disabled in, Zones 00, 32, 31, 30, 29 & 28.

## Specs & Technical Details:

#### 1. Signal Relay (Open & Closed Contacts):

- a) **CAUTION:** Use only qualified electricians or technicians when working with or setting up the signal relay. Improper use could cause fire, electrocution and even death.

Contact resistance	100mΩ max (at 0.1A 6VDC)
Contact Rating (Res. Load)	1A 30VDC 0.5A 125VAC
Max switching current	1A
Max switching voltage	125VAC/110VDC
Max switching power	62.5VA/30W
Min applicable load	10mV 10μA
Mechanical endurance	1 x 10 <sup>8</sup> ops
Electrical endurance	2 x 10 <sup>5</sup> ops (at 1A 30VDC) 1 x 10 <sup>5</sup> ops (at 0.5A 125VAC)
Ambient temperature	-40C to 70C
Humidity	5% to 85% RH

#### 2. Power Supply:

Rated Input Voltage	100 - 240VAC
Rated Input Frequency	50/60Hz +/- 3Hz
Power Consumption (No Load)	Max 0.3W
Rated Output Voltage	0.5A 9VDC

#### 3. Rechargeable Battery:

Capacity	500mAh
Rated Voltage	3.7V
Type	Chargeable Lithium Cell

#### 4. Wireless:

RF Frequency	433MHZ
Output Power	10dBm
RX Current	12.2mA
TX Current	30mA
Sensitivity	-100dBm
Antenna Gain	3.0dBI
Antenna Input Impedance	50 Ω
Operational Distance	~300 - 400 feet unobstructed

### One Year Limited Warranty

Gizmode® warrants the enclosed Water Alarm, excluding the battery, to be free from defects in materials and workmanship under normal use and service for a period of one year from the date of purchase. Gizmode® makes no other express warranty for this device. No agent, representative, dealer, or employee of the Company has the authority to increase or alter the obligations or limitations of this Warranty. The company's obligation under this Warranty shall be limited to the repair or replacement of any part of the detector which is found to be defective in materials or workmanship under normal use and service during the warranty period. During the warranty period commencing with the date of purchase, such repair or replacement shall be made without charge. Units in need of repair should be returned, together with proof of purchase to your local distributor. The company shall not be obligated to repair or replace units which have been damaged through unreasonable use, modifications or alterations.

THE DURATION OF THIS WARRANTY, AND ANY IMPLIED WARRANTY, INCLUDING THAT OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, SHALL BE LIMITED TO THE PERIOD OF ONE YEAR COMMENCING WITH THE DATE OF PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE COMPANY'S NEGLIGENCE OR FAULT. 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.

# Water Alarm

Manufactured by:  
Gizmode® Innovations  
[www.gizmode.com](http://www.gizmode.com)  
[www.thewateralarm.com](http://www.thewateralarm.com)



Patent D699,689

Made In China