

# LIGHTHOUSE PRO XLS™

## #LHP-FLA The Screamer™

Thank you for purchasing the Lighthouse Pro XLS™ Screamer Alarm.

The Screamer is an audible alarm that can be used in conjunction with the #LHP-FL Flood sensor to create a local audible alarm for water on the floor. It can also be used as an alarm for out of range temperature, PH, or ORP readings.



### Installation

1. Plug the unit into an unused outlet. To test the unit, place the outlet in Manual by pressing the number key on the remote that corresponds with the outlet number. The alarm should sound. To turn off the alarm, press the number key again.
2. The integral mounting bracket and screw holes can be used to mount the unit on the wall or aquarium stand. Do not over tighten the screws as it can cause the plastic case to crack.
3. To set up the Screamer with the #LHP-FL Flood Sensor, first set up the Flood Sensor as described in the Flood Sensor instructions. Go to the *Outlet Setup* page in the Web browser and select the outlet used by the Screamer. Set up the outlet so that it responds to the Contacts used by the Flood Sensor. For example, if the Flood Sensor is connected to Contact #1, the outlet settings should be set as shown. This will activate the alarm whenever Contact #1 is closed, which happens when the Flood Sensor pins detect water.

Outlet Type:	Contact-Cntrl
Outlet Name:	Flood Alarm
Call Letter:	A
Feed Group?	No
Maintenance Group?	No
Contacts # 1:	Closed
	AND
Contacts # 2:	Ignore
Outlet:	On
Submit	Help

### Controller Setup (Temperature Alarm)

To setup the Screamer for a temperature alarm, select an unused outlet and then set up the outlet in the *Outlet Setup* web page, selecting *Temperature* as the outlet type.

In the example shown, the alarm will sound if the water temperature exceeds 84F degrees. The alarm will turn off when the water temperature drops below 83.8F degrees.

Outlet Type:	Temperature
Outlet Name:	Temp alarm
Call Letter:	T
Feed Group?	No
Maintenance Group?	Yes
Temp Sensor:	TempSensor-1
OFF Temperature:	83.8 °F
ON Temperature:	84.0 °F
<input type="button" value="Submit"/> <input type="button" value="Help"/>	

### Controller Setup (PH Alarm)

To setup the Screamer for a PH alarm, select an unused outlet and then set up the outlet in the *Outlet Setup* web page, selecting *PH-Control* as the outlet type.

In the example shown, the alarm will sound if the PH level drops below 7.5.

Outlet Type:	PH-Control
Outlet Name:	PH Alarm
Call Letter:	P
Feed Group?	No
Maintenance Group?	Yes
Probe:	Probe#1 (PH)
PH Level:	7.5
Device:	Kalk Dosing
<input type="button" value="Submit"/> <input type="button" value="Help"/>	

### Controller Setup (ORP Alarm)

To setup the Screamer for an ORP alarm, select an unused outlet and then set up the outlet in the *Outlet Setup* web page, selecting *ORP-Control* as the outlet type.

In the example shown, the alarm will sound if the ORP level drops below 200 mV.

Outlet Type:	ORP-Control
Outlet Name:	ORP Alarm
Call Letter:	O
Feed Group?	No
Maintenance Group?	Yes
Probe:	Probe#3 (ORP)
ORP Level:	200
<input type="button" value="Submit"/> <input type="button" value="Help"/>	

Manufactured By:  
MCU Research, LLC  
276 Jones Cove Blvd.  
Asheville, North Carolina 28805  
[www.mcuresearch.com](http://www.mcuresearch.com)