PoolSonix SOLAR POWERED **Pool Alarm**

OWNER'S MANUAL

INSTALLATION AND OPERATING INSTRUCTIONS
(Rev 1.30.09)

This manual contains important information about the installation and operation of your PoolSonix Solar Powered Pool Alarm. **Please read it carefully and keep it in a safe place for future reference.**

WARNING: PoolSonix is designed to alert responsible adults to accidental or unwanted swimming pool intrusions. IT IS NOT A LIFE SAVING DEVICE. Immediate intervention by a responsible adult is required when the alarm sounds. PoolSonix may not detect a person's slow or gradual entry into a pool.

Active adult supervision is the first and most important layer of protection for any pool. PoolSonix is *not* a replacement for active adult supervision or a direct replacement for any other approved layer of protection, including, but not limited to, lifeguards, fences, gates, pool covers, and locks.

Table of Contents

Swimming Pool Safety Tips

- Designate a responsible adult to watch young children while swimming or playing in or around water. Adults should not be involved in any other distracting activity (such as reading, playing cards, talking on the phone, or mowing the lawn) while supervising children.

- Always swim with a buddy.

- Avoid drinking alcohol before or during swimming. Do not drink alcohol while supervising children.

- Do not permit bottles, glass or sharp objects to be used around the pool.

- Learn to swim. Be aware that the American Academy of Pediatrics does not recommend swimming classes as the primary means of drowning prevention for children younger than 4. Constant, careful supervision and barriers such as pool fencing are necessary even when children have completed swimming classes.

- Learn cardiopulmonary resuscitation (CPR). In the time it might take for paramedics to arrive, your CPR skills could make a difference in someone's life. CPR performed by bystanders has been shown to improve outcomes in drowning victims.

- Do not use air-filled or foam toys, such as "water wings", "noodles", or inner-tubes, in place of life jackets (personal flotation devices). These toys are not designed to keep swimmers safe.

- Install a four-sided, isolation pool fence that completely separates the house and play area of the yard from the pool area. The fence should be at least 4 feet high and comply with all applicable codes and regulations. Use self-closing and self-latching gates that open outward with latches that are out of reach of children.

- Remove floats, balls and other toys from the pool and surrounding area immediately after use. The presence of these toys may encourage children to enter the pool area or lean over the pool and potentially fall in.

- Do not swim during electrical storms.

- Maintain clean, clear water in the pool.

IMPORTANT REQUIREMENTS AND WARNING

The following information is critical to ensure optimal performance of your PoolSonix system. Please read these warnings carefully and be sure to comply with all installation and operating instructions.

- PoolSonix is not a life saving device. Immediate adult intervention is required when the alarm sounds.
- PoolSonix is not a replacement for active adult supervision or any other approved layer of protection.
- Follow **all** instructions related to the placement, installation and testing of the PoolSonix system.
- PoolSonix should be tested at least once a month to ensure proper operation.
- Alkaline batteries for all PoolSonix components should be replaced annually.
- Keep the solar panel clean and free of debris.
- Do not immerse PoolSonix in water.
- Do no sit, stand or jump off PoolSonix.

WARNING: The pool alarm may not function properly if your pool's water level is not maintained and the bottom of the tube is not between 9.25 inches (23.5 cm) and 9.75 inches (24.76 cm) below the water line.

WARNING: When the system is in self-calibration mode it is NOT armed and will not alarm in the event of a wanted or unwanted entrance.

WARNING - Sudden changes in weather (i.e., high winds, cloud bursts, violent thunderstorms) may result in wave patterns that cause the system to go into '**Strong Wind Indication**.' It is important to note that during the Strong Wind Indication the unit will not detect any entry into the pool. Once the severe weather has passed the unit will automatically enter the self-calibration mode for 8 to 14 minutes and then automatically turn ON. In some situations, it is possible that the severe or sudden changes in weather could cause wave patterns that are similar to unwanted pool intrusion and will cause the system to go into full alarm.

PoolSonix Overview

PoolSonix Solar Powered Pool Alarm uses seismic technology to detect unwanted or accidental intrusions into swimming pools. In the event of a child or pet (min. 20 lbs) accidentally falling into the pool the PoolSonix unit will detect the intrusion and sound a 110 db alarm at the pool and an 85db alarm in the house. **Immediate adult response is required upon activation of the alarm.**
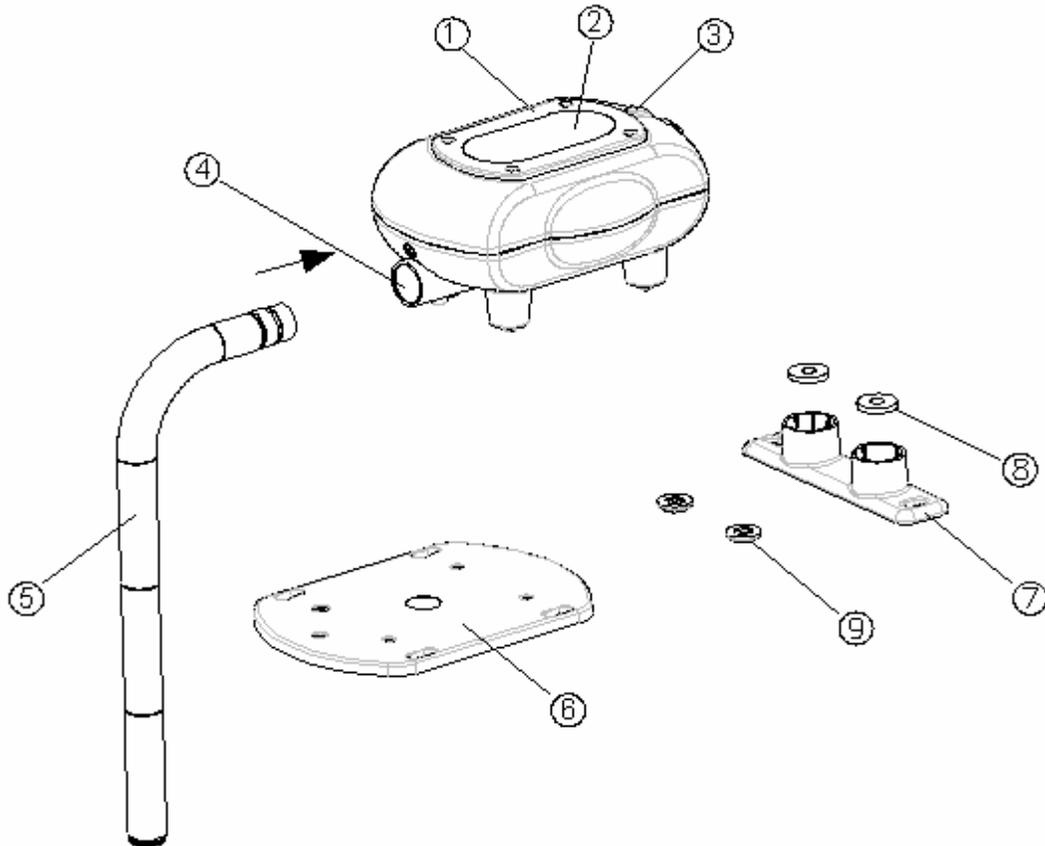
Product Components

1. Battery Cover
2. Solar Panel
3. Indication LEDs
4. Sensing Compartment
5. Detachable Tube
6. Flat Mounting Plate
7. Adjustable Mounting Plate
8. Spacers
9. Mounting Feet

Additional Installation Tools Required

- Standard Phillips Screwdriver
- Drill with one 1/4" inch bit and one 1/8th inch bit
- 25' tape measure

Package Contents

The PoolSonix Solar Powered Pool Alarm has specially designed packaging to minimize the chance of the contents becoming damaged during shipping and handling. Please carefully check your unit for damage and confirm that all the contents listed below are included. For replacement parts, please contact the retailer or store where you purchased your PoolSonix unit.

ITEM	QUANTITY
PoolSonix Base Unit	1
Flat Mounting Plate	1
Keypad	1
Key Fob	1
Remote Sounder (Interior Siren)	1
"C" Alkaline Batteries	4
"D" Alkaline Batteries	4
"AA" Alkaline Batteries	3
Detachable tubes	4
25mm Screws	2 For use with attaching Rear Adjustable Mounting Plate to Base Unit with 2~3 Spacers
30mm Screws	6 For use mounting Flat Mounting plate (4) or Rear Mounting Plate (2) to Deck Surface
15mm Screws	4 For use with mounting Front Mounting Feet (2) and Rear Adjustable Mounting Plate with 0~1 Spacers
18mm Screws	5 For use for mounting Keypad (2) and Siren (3)
38mm Screws	2 For use with attaching Rear Adjustable Mounting Plate to Base Unit with 4~5 Spacers
Drywall anchors	9
Rear Adjustable Mounting Plate*	1
Spacers*	10
Front Mounting feet*	2
Operation & Installation Manual	1

*Required for installations with sloped pool coping. See page 15 for details.

Battery Installation & Power Up Instructions

PoolSonix Base Unit

1. Remove the four screw covers from the top of the PoolSonix base unit.

2. Remove solar panel to reveal battery compartment.

3. Carefully install four "D" batteries.

4. Connect the solar panel plug to the power cord to the DC jack inside the battery compartment (as shown)

Power Cord
DC Jack
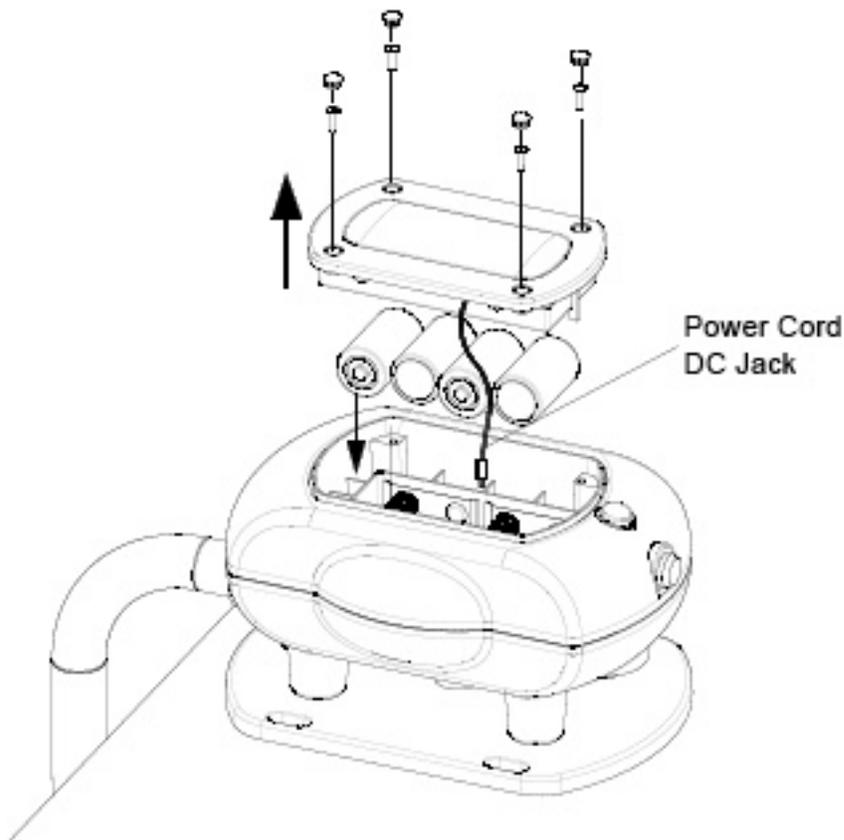
5. Re-install screws and screw covers to top of PoolSonix base unit.

Once the solar panel has been connected and the batteries have been installed the PoolSonix Unit will be ready for installation and operation. The solar panel will take approximately 6 to 8 hours to charge enough to operate the unit. Until charging of the solar battery is complete the unit will operate using power from the alkaline batteries.

Daily exposure to normal outdoor ambient light (sun or clouds) should keep the unit fully charged. Once fully charged the solar panel can provide enough power to power the unit for up to 6 months. The batteries provide back up power in the event that the solar panel is unable to fully recharge.

It is recommended that the batteries be changed once a year to ensure optimal performance. When PoolSonix is turned ON and the unit detects a low battery condition the unit will provide a low battery alert. (see Quick Reference Guide for LED and Beep Indicators, page 22).

It is also important to ensure that the solar panel is not covered in any way and it is kept clear of any obstructions, dirt, leaves or debris that may prevent the solar panel from charging as this could affect the operation of the base unit.

In order to proceed with the placement and mounting of the PoolSonix unit the Interior Siren and Keypad must first be operational in order to perform the system tests required.

Interior Siren

1. To install 4 "C" batteries in the interior siren, remove by the screw from back plate and slide the back off to reveal the battery compartment.

2. Replace back plate and screw on the interior siren.
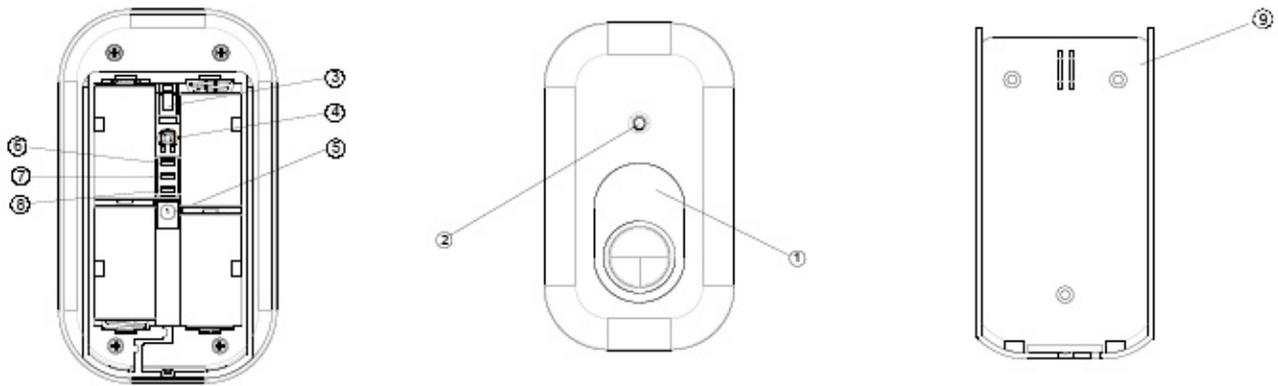
1. Strobe Light
2. Red & Green LED
3. Tamper Switch
4. Learning Key
5. DC Jack
6. Two-Phase Sound Jumper
7. Open – No Jumper
8. Tamper Jumper
9. Mounting Bracket

Keypad

1. To install the 3 "AA" batteries in the keypad, remove the screw from the bottom of the keypad and slide the back off to reveal the battery compartment.

Key Fob

The key fob battery is factory installed.

Your PoolSonix is now ready to be tested and installed. Please refer to the placement and installation instructions pages 10 – 16 for complete details.

# PLACEMENT & INSTALLATION OF WIRELESS COMPONENTS

Base Unit Placement

Placement of the PoolSonix base unit in accordance with the steps outlined in this section is critical to ensure proper operation.

PoolSonix Base Unit

PoolSonix has been designed to function in pools up to 16' x 32' in size. For pools that are 16' x 32' or smaller, PoolSonix must be installed at the midpoint of the longest side of the pool. (See illustrations page 11) The unit must not be located within 18" of any water inlet or outlet in the pool. For pools with spillover spas the unit must be located so that the water returning to the pool is at least 18" away from the PoolSonix unit.

If your pool has an irregular shape more than one unit may be required to provide adequate coverage. The coverage area of a PoolSonix unit can be represented by sweeping a 22 foot radius arc with the center point located at the axis of the PoolSonix sensor tube. This provides a coverage area of up to 44 feet surrounding the unit (22 feet on either side of the unit) and 22 feet across from the unit. The unit must be located on the pool such that a straight line can be drawn from any point on the perimeter of the pool to the unit without any line being obstructed by a pool wall. The length of any of the lines cannot exceed 22 feet.

Once the placement location has been identified PoolSonix should be tested to insure proper operation prior to installation. See the System Operation Test section (page 17) for details.

Pool Alarm

22 Feet

16 feet

Radius Coverage 22 feet

Proper Unit Placement
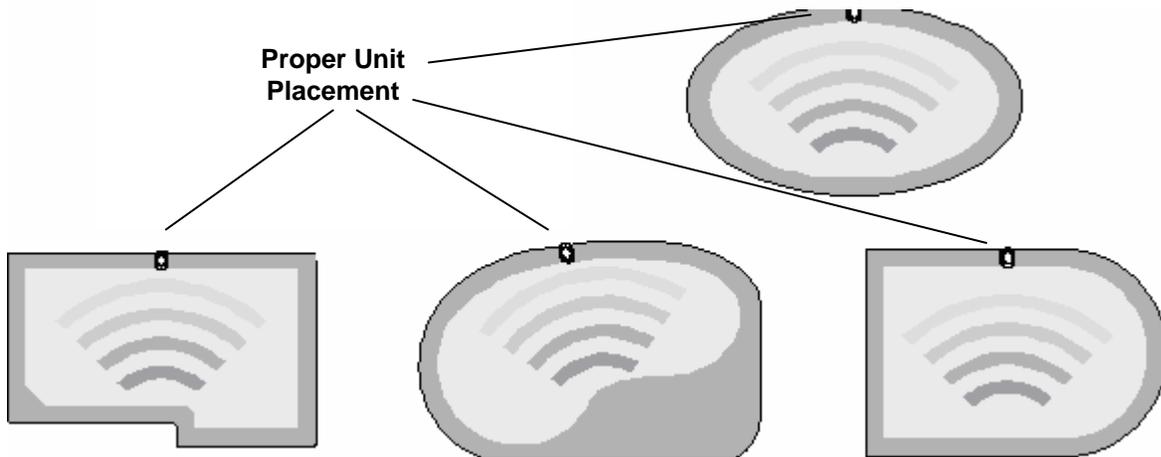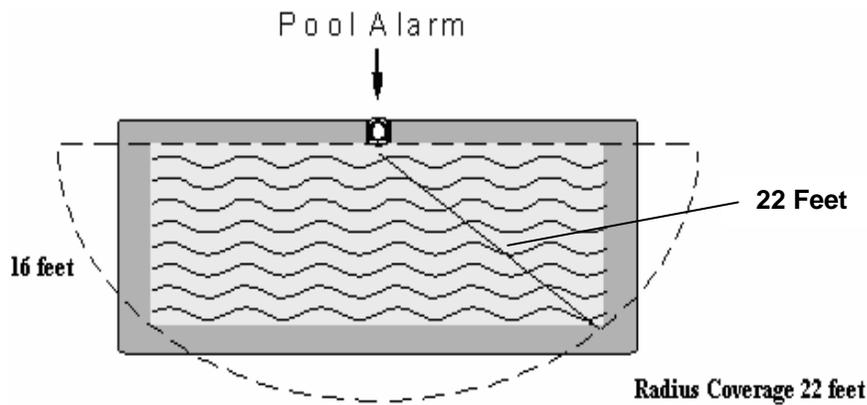
For larger pools, more than one unit may be required. To determine the proper number and location of units use the following table and diagram.

POOL WIDTH (X)	POOL LENGTH (Y) *		UNIT PLACEMENT MEASUREMENT (d)
	One Unit Required	Two Units Required	
10'	Less than 39'	39'-80'	19' 7"
11'	Less than 38'	38'-79'	19'
12'	Less than 36'	36'-77'	18' 5"
13'	Less than 35'	35'-75'	17' 9"
14'	Less than 33'	33'-72'	16' 11"
15'	Less than 32'	32'-70'	16' 1"
16'	Less than 32'	32'-67'	15' 1"
17'	Less than 27'	27'-63'	13' 11"
18'	Less than 24'	24'-59'	12' 7"
19'	Less than 22'	22'-55'	11' 1"
20'	Less than 18'	18'-50'	9' 2"
21'	Less than 12'	12'-41'	6' 7"

NOTE: IF POOL LENGTH IS BELOW THE RANGE SHOWN FOR A PARTICULAR POOL WIDTH, ONLY A SINGLE UNIT IS REQUIRED. THE SINGLE UNIT SHOULD BE PLACED AT THE MIDPOINT OF THE LONGEST WALL.
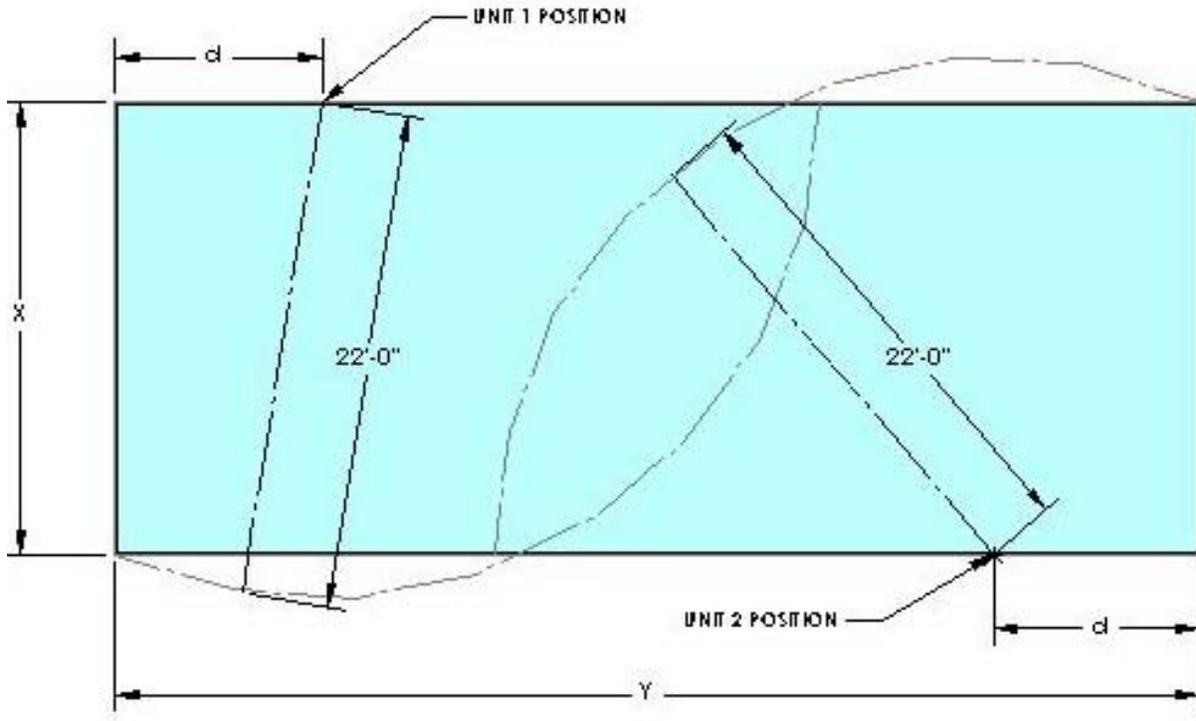
BASE UNIT ASSEMBLY AND INSTALLATION

Installing the PoolSonix base unit in accordance with the steps outlined in this section is critical to ensure proper operation.

Additional tools required for installation

- Standard Phillips Screwdriver
- Drill with one 1/4" inch bit and one 1/8th inch bit
- 25' tape measure

Assembling the PoolSonix Base Unit

There are four detachable tubes (FIG. 1 & FIG. 2), which can be connected to create a single, long tube. You will need to connect the appropriate number of tubes to ensure that the bottom end of the tube is between 9.25 inches (23.5 cm) and 9.75 inches (24.76 cm) below the waterline of the pool (FIG. 3).
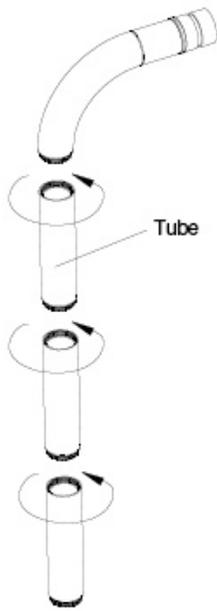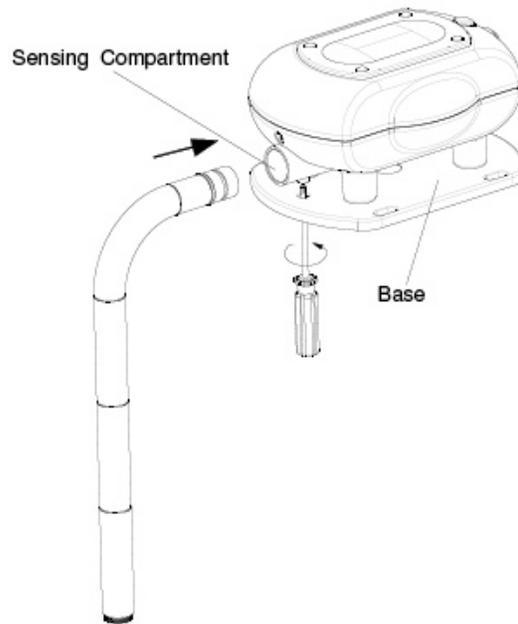
FIG. 1   FIG.2

1. Connect the appropriate number of tubes together to ensure that the bottom of the tube is between 9.25 and 9.75 inches below the water line. If the length is longer trim the tube end so that the tube is between 9.25 and 9.75 inches below the water line. Maintaining the water level is essential to ensure proper operation of the base unit.

2. Insert the tube to the sensing compartment of the PoolSonix base unit using the screw provided (FIG. 2)

3. The base unit must be placed so that the tube is approximately 1.75 inches (4.5cm) from the pool wall. (See FIG.3)

Once the proper location of the PoolSonix unit(s) has been determined, the sensing tube has been attached and the initial set up procedures have been completed - the unit is ready for testing and installing on the pool deck.

Mounting the PoolSonix Base Unit

PoolSonix can be placed on the pool deck or permanently installed using the provided mounting plates. If the unit is not permanently installed it is essential that it is always placed in the same location as determined during the placement process (see pages 10 – 12). It is recommended that the location be marked with a waterproof/indelible marker or paint to indicate where the unit should be located.

Two styles of mounting plates are included: A flat mounting plate for mounting the unit on pool decks with flat coping and an adjustable mounting plate designed for pools with coping edges that are sloped.

Flat Mounting Plate

To permanently install the unit on flat coping use the attached flat mounting plate. Make sure the unit is positioned as shown in (FIG.3) below. Using a marker – mark the deck through the 4 mounting slots located on the sides of the mounting plate. Drill four ¼" holes through the marks. Install the mounting screw anchors in the holes with a small amount of silicone. Place the unit over the holes and attach using four 30mm screws provided.
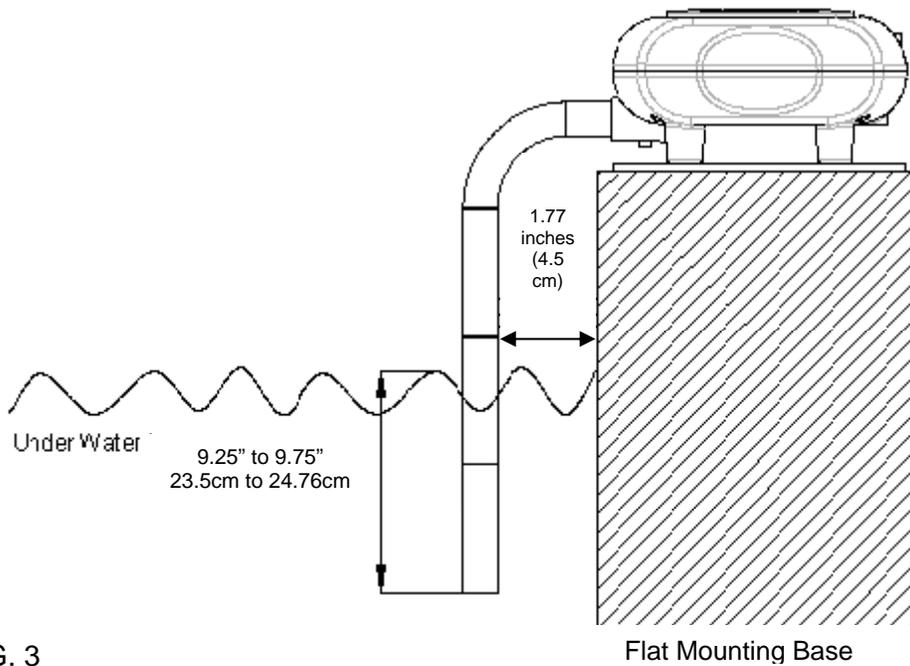
FIG. 3

1.77 inches (4.5 cm)

Under Water

9.25" to 9.75"
23.5cm to 24.76cm

Flat Mounting Base

WARNING: The pool alarm may not function properly if your pool's water level is not maintained and the bottom of the tube is not between 9.25 inches (23.5 cm) and 9.75 inches (24.76 cm) below the water line.

Adjustable Mounting Plate

To permanently install the unit on coping that is sloped remove the flat mounting plate from the unit. Position the unit as shown in (FIG.4) Install the two buttons on the front legs of the unit using two 15 mm screws provided. Place the unit on the edge of the coping so that the unit is positioned correctly as outlined in the placement and installation section of the Owner's Manual (pages 12 – 13). Place the rear leg mounting plate under the rear legs and add spacers to the mounting plate's cups until the PoolSonix unit is level. Use the correct length screw to secure the adjustable rear mounting plate with spacers to the unit. The correct screw length is identified on the Package Contents Chart on page 6. Next use a marker to mark the coping through the slots on the mounting screw anchors with a small amount of silicone. Place the unit over the
mounting plate. Remove the unit and drill two ¼" holes through the marks. Install the unit over the holes and attach the two 30mm screws.
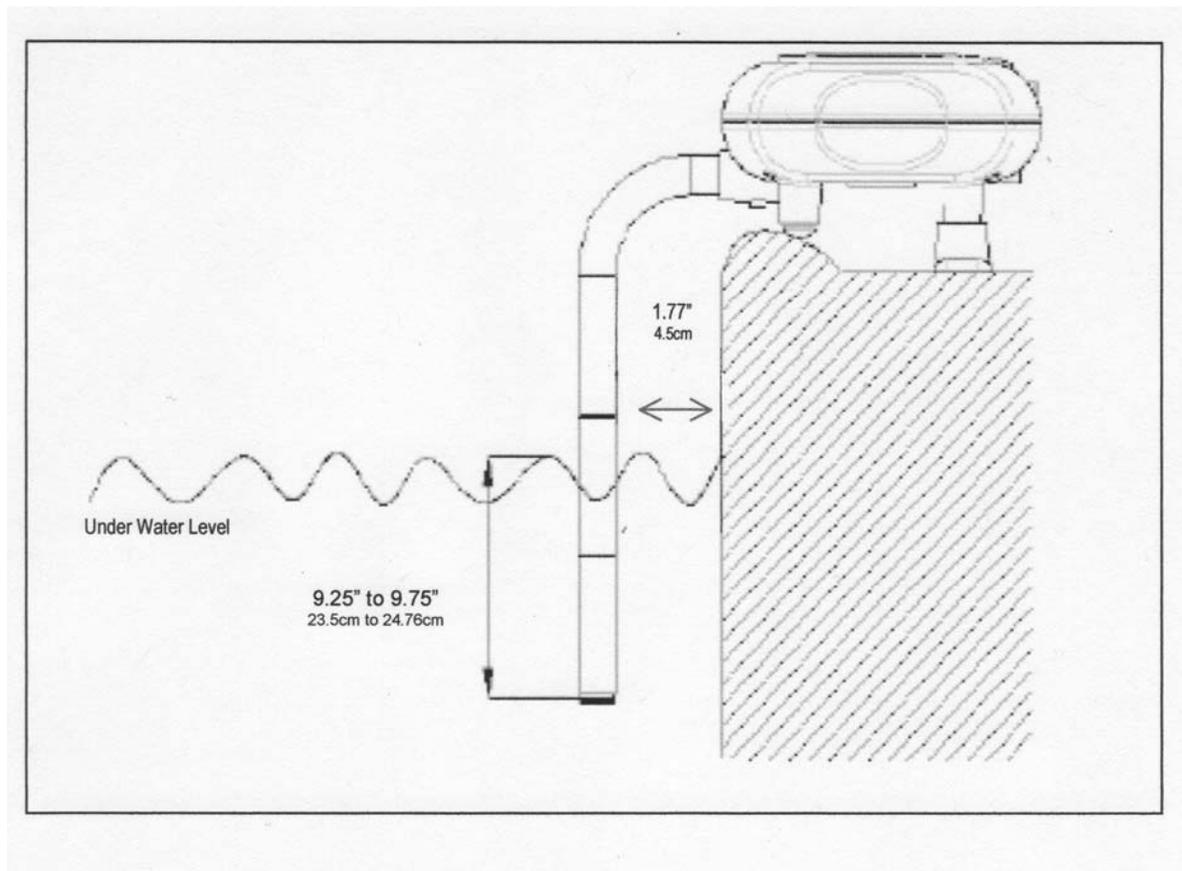

FIG.4

WARNING: The pool alarm may not function properly if your pool's water level is not maintained and the bottom of the tube is not between 9.25 inches (23.5 cm) and 9.75 inches (24.76 cm) below the water line.

Interior Siren Placement & Installation

After the PoolSonix unit has been tested and installed the Interior Siren should be located and mounted inside the premises. The Interior Siren should be placed on the interior wall closest to the pool approximately 7 to 8 feet high adjacent to the door that provides access to the pool. The range of the wireless signal is approximately 150' when using the device through walls. Do not mount the Interior Siren to metalwork or locate the siren within 3 feet of metalwork such as metal doorframes, radiators, pipes, etc.

To mount the Interior Siren remove the back plate and use as a template for locating the mounting screws. Level the plate/mounting holes and mark with a marker. Drill 3 1/8th inch holes and mount the plate using three 18mm screws and three screw anchors provided. Slide the Interior Siren onto the plate and replace the screw.

Note: When the back plate is removed the tamper alarm will sound. To turn off the alarm remove one of the batteries. Before mounting the unit on the back plate replace the battery to reset the Interior Siren. The tamper alarm can be disabled by removing the jumper indicated on the label on the back plate.

Keypad Placement and Installation

After the PoolSonix unit has been tested and installed the keypad should be located and mounted inside the premises. To determine the proper location the keypad should be placed on the interior wall closest to the pool at eye level adjacent to the door that provides access to the pool. The range of the wireless signal approximately 150' when using the device through walls. Do not mount the Keypad to metalwork or locate the Keypad within 3 feet of metalwork such as metal doorframes, radiators, pipes, etc.

To mount the Keypad remove the back plate and use as a template for locating the mounting screws. Level the plate/mounting holes and mark with a marker. Drill 2 1/8th inch holes and mount the plate with two 18mm screws and two screw anchors provided. Slide the Keypad onto the back plate and replace the screw.

System Operation Test

Place the unit on the location identified. The pool should be unoccupied and nothing should be floating in the water during this time.

- Turn the unit ON using either the keypad or key fob. PoolSonix will announce three short beeps and the LEDs will flash RED approximately once every second this indicates that the unit has automatically started calibrating to the pool environment. This process will take 8 to 14 minutes.
- After the unit is calibrated it will beep for 1 second and the LEDs will flash RED once every 10 seconds.

The unit is now ready for testing.

- Fill a 2.5 gallon bucket with water and attach 6' of rope to the handle.
- Hold the bucket at least 10" from the water level and drop the bucket into the pool.
- Within 20 seconds a loud pulsating alarm should sound from the PoolSonix base unit and the interior siren.

If the alarm does not sound check to ensure that the PoolSonix unit has been located and installed in accordance with the specifications outlined in the placement and installation sections of this manual (pages 10 – 16.) Also confirm that the unit has power and has completed the self-calibration sequence.

Do not use the unit unless it passes this important system operation test.

Periodic testing (a least once a month) of PoolSonix is recommended to ensure the base unit and remote devices are functioning properly. It is also recommended that the batteries in the PoolSonix unit be replaced with similar quality alkaline batteries once a year.

Operating Instructions

Turning ON PoolSonix

PoolSonix can be operated using the Remote Keypad or the Key Fob.

Using the Remote Key Pad

Light Bar
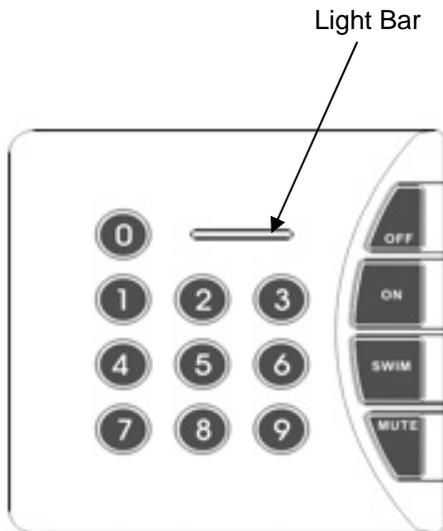
The PoolSonix Remote Keypad comes with the factory default code of **1 2 3 4**. The code can be changed by completing the following procedure:

1. Enter 1234 and then enter the number 2.
2. Enter you new four digit code and then enter the number 2.

Your new code has been activated. Test the new code to ensure proper operation
To return to the factory default code, please refer to the troubleshooting section.

Press the ON button and enter in the four digit code. The remote keypad buttons will briefly illuminate and the Light Bar will flash when the signal is sent. You will hear 3 short beeps and the LED indicators on unit will flash RED approximately once every second. This indicates that the unit has started the calibration sequence. This will happen each time the unit is turned ON. The sequence will take between 8 to 14 minutes. The purpose of this is to detect the normal wave action of the swimming pool to avoid potential false alarms caused by wind driven waves on the pool. After the unit has completed self-calibrating it will sound a short 1 second beep and the LEDs will now flash RED every 10 seconds. This signals that PoolSonix is on and active.

Resetting Keypad Code to Factory Default

1. Remove the back plate and batteries from the keypad.
2. Set the jumper J1 to the OFF position (FIG. A)
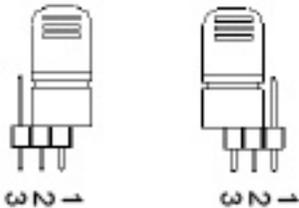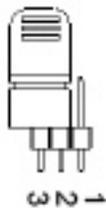
OFF	ON
FIG. A	FIG. B

2. Re-install the batteries. The numerals on the keypad will flash three times.
3. Set the Jumper J1 to the ON position (FIG. B)

The code for the keypad has now been reset to the factory default code **1 2 3 4**.

Using the Key Fob

Press the ON button. The LED on the key fob will momentarily flash green. You will hear 3 short beeps and the LED indicators on the unit will flash RED approximately once every second.

PoolSonix is now in the self-calibration mode. This process will take 8 to 14 minutes. The purpose of this is to detect the normal wave action of the swimming pool to avoid potential false alarms cause by wind driven waves on the pool. After the unit has completed self-calibrating the unit will sound a beep for 1 second and the LEDs will now flash RED every 10 seconds. This signals that PoolSonix is on and active.

Periodic testing (a least once a month) of PoolSonix is recommended to ensure the base unit and remote devices are functioning properly. It is also recommended that the batteries in the PoolSonix unit be replaced alkaline batteries once a year.

Alarm Mode

If an unauthorized entry is detected PoolSonix will generate a full alarm condition. The unit will sound the alarm and the Remote Sounder will alarm and will flash RED for 3.5 minutes (210 seconds).

Turning OFF PoolSonix

PoolSonix can be turned off using the Remote Key Pad or the Key Fob.

Using the Remote Key Pad

Press the OFF button and enter in the code. The remote key pad buttons will briefly illuminate and the Light Bar will flash when the signal is sent. You will hear 3 short beeps and the LED indicators on the unit will stop flashing.

Using the Key Fob

Press the OFF button. The LED on the key fob will momentarily flash green. You will hear 3 short beeps and the LED indicators on the unit will stop flashing.

SWIM Mode

Swim mode allows people to use the pool without turning off PoolSonix wireless pool alarm. PoolSonix can be placed into Swim mode using either the Remote Keypad or the Key Fob. When people have finished swimming and leave the pool, PoolSonix will automatically enter self-calibration mode for 8 to 14 minutes and then turn ON. If someone re-enters the pool during the self-calibration period, PoolSonix will remain in self-calibration mode until they leave the pool. The PoolSonix will then automatically restart the 8 to 14 minute self-calibration process and then turn ON.

WARNING: When the system is in self-calibration mode it is NOT armed and will not alarm in the event of a wanted or unwanted entrance.

PoolSonix can be put into SWIM mode using the Remote Keypad or the Key Fob.

Using the Remote Keypad

> Press the SWIM button and enter in the code. The remote keypad buttons will briefly illuminate and the Light Bar will flash when the signal is sent. You will hear 3 short beeps and the LED indicators on unit will turn Green and flash approximately every 3 seconds.

Using the Key Fob

> Press the SWIM button. The LED on the key fob will momentarily flash green. You will hear 3 short beeps and the LED indicators on the unit will turn Green and will Flash approximately every 3 seconds.

MUTE

The MUTE feature can be used to silence an alarm condition and can be initiated using the Remote Keypad or the Key Fob. Once the alarm has been silenced PoolSonix will enter the calibration mode and will automatically re-arm in 8 to 14 minutes after the calibration sequence is complete.

WARNING: When the system is in self-calibration mode it is NOT armed and will not alarm in the event of a wanted or unwanted entrance.

Using the Remote Key Pad

> Press the MUTE button and enter in the code. The remote key pad buttons will briefly illuminate and the Light Bar will flash when the signal is sent. You will hear 1 short beep and the LED indicators on the unit will continue to flash Red.

Using the Key Fob

Press the MUTE button. The LED on the key fob will momentarily flash green. You will hear 1 short beep and the LED indicators on the unit will continue to flash Red.

Quick Reference Guide to LED and Beep Indicators

PoolSonix Base Unit

Mode	Status
System ON / Self Calibration Mode	3 Short Beeps followed by Red flashing top/lower LEDs (0.1 second on, 0.5 second off)
System OFF	3 Short Beeps followed by top/lower LEDs turning off
SWIM Mode	3 Short Beeps followed by top/lower Green flashing LEDs (0.5 second on, 2.5 second off)
Entering Active/Armed Mode	1 Short Beep (0.1 second on) followed by top/lower Red flashing LEDs (0.1 second on) at 10 second interval
Active/Armed Mode Indication	Top/lower Red flashing LEDs (0.1 second on) at 10 second interval
*Strong Wind Indication	1 Short Beep (0.1 second on) at 30 second interval with top Orange flashing LED, and lower Red/Green flashing LED (0.1 second on) at 10 second intervals
Low Battery Indication (Must be in Active/Armed mode)	1 Short Beep (0.5 second on) with top/lower Red flashing LEDs (0.5 second on) at 30 second interval
Alarm Activation	30 second continuous alarm with top/lower Red flashing LEDs

*When the system is ON severe or sudden changes in weather (i.e., high winds, cloud bursts, violent thunderstorms) may result in wave patterns that cause the system to go into 'Strong Wind Indication' (Top slow flashing orange LED/lower slow flashing Red/Green LED). It is important to note that during the Strong Wind Indication the unit will not detect any entry into the pool. Once the severe weather has passed the unit will automatically enter the Self Calibration Mode for 8 to 14 minutes and then automatically turn ON. In some situations, it is possible that the severe or sudden changes in weather could cause wave patterns that are similar to unwanted pool intrusion and will cause the system to go into full alarm.

WARNING: When the system is in self-calibration mode it is NOT armed and will not alarm in the event of a wanted or unwanted entrance.

Remote Sounder/Interior Siren

Mode	Status
Alarm Activation	3.5 minutes (210 seconds) continuous alarm with flashing red indicator

Keypad

Keypad Status	Success	Failure
OFF Turning off the pool alarm	back light 0~9 turns off	back light 0~9 will flash 3 times
ON Turning on the pool alarm	back light 0~9 turns off	back light 0~9 will flash 3 times
SWIM Swim mode	back light 0~9 turns off	back light 0~9 will flash 3 times
MUTE Mute	back light 0~9 turns off	back light 0~9 will flash 3 times
Pressing any key or function key	back light 0~9 will turn on	

Key Fob

Mode	LED Indication
RF Transmission	Green LED for one second
Failed RF Transmission	Red LED for one second
Low Battery	Green LED for 0.5 second

TROUBLESHOOTING

Symptom	Possible Cause	Recommendation
Upon power being connected, PoolSonix does not go into armed mode	Batteries were not fitted properly	Remove and refit the batteries
LED indicator not working on PoolSonix base unit	Solar battery not charged or alkaline battery installed incorrectly	Remove and refit the batteries or replace batteries
Remote Sounder/Interior Siren does not activate when base unit goes into alarm	Remote sounder is too far from pool	Re-position remote sounder to ensure it is within range of the PoolSonix base unit
Keypad does not illuminate when keys are pressed	Low battery	Replace batteries
	Batteries were not fitted properly or reverse battery polarity	Remove and refit the battery with correct polarity
Forgot Keypad password		Reset to the factory default setting (see pages 12-13)
Key Fob does not activate PoolSonix base unit	User is too far from PoolSonix base unit	Move closer to PoolSonix base unit.
	Low battery	Replace battery in key fob

Warranty

S.R. Smith, LLC warrants to the original retail purchaser that products manufactured by S.R. Smith or manufactured under licensed agreement with S.R. Smith, when properly assembled and installed in accordance with S.R. Smith's assembly and installation instructions, and properly used and maintained, shall be free from defects in material and workmanship for a period of one (1) year from the date of original manufacture. The original retail purchaser must follow the procedure set forth below when submitting a warranty claim. S.R. Smith will repair or replace, at its option, the product, and return it to the owner freight prepaid. Determination of repair or replacement shall be solely at the discretion of S.R. Smith.

For more detailed warranty information and to register your PoolSonix Solar Powered Pool Alarm visit www.srsmith.com.

This product is designed to alert responsible adults to accidental or unwanted swimming pool intrusions**. IT IS NOT A LIFE SAVING DEVICE.** Immediate intervention by a responsible adult is required when the alarm sounds. PoolSonix may not detect a person's slow, gradual entry into a pool.

Active adult supervision is the first and most important layer of protection for any pool. PoolSonix is *not* a replacement for active adult supervision or a direct replacement for any other approved layer of protection,

---

Printed in ROC

S.R. Smith, LLC
1017 SW Berg Parkway
Canby, OR 97013

www.srsmith.com
1-800-824-4387