POOL PATROL™
Sounds alarm if children or pets fall into your pool

Use and Care Instructions
PA-25 & PA-30

The **Pool Patrol** Alarm is not intended as a life saving device. It is not intended to replace any other safety considerations; such as adult supervision, lifeguards, fences, gates, pool covers, locks, and so fourth. The **Pool Patrol** Alarm may not detect from gradual entry. The **Pool Patrol** Alarm is intended to be an additional layer of security to protect your loved ones.
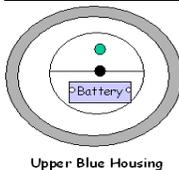
It is important to spend sufficient time in becoming familiar with the operation of your **Pool Patrol** Alarms and to properly test the unit so that it adequately covers all areas of the pool for the person(s) or pet(s) you wish to protect.

The **Pool Patrol** Alarm meets requirements of **ASTM* Standard F2208-07**.** *American Society for Testing and Materials **Tested by an independent lab, mandatory in some states.

IMPORTANT:

- ✗ Do not use this product prior to reading the instructions.
- ✗ Do not allow the pool alarm to float free.
- ✗ Do not drop, submerge, mistreat, or place unit upside down in the pool.
- ✗ Do not use when pool sweeps in use or while cleaning.
- ✗ Do not place in pool near filter return area.
- ✗ Do not use with other objects in pool, such as toys, dispensers, chairs, etc.
- ✗ Do not alter or attempt to repair yourself.
- ✗ **Do not leave out overnight until you have learned how to operate the alarm.**
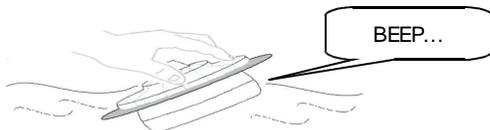
TO INSTALL OR CHANGE BATTERY:

Upper Blue Housing

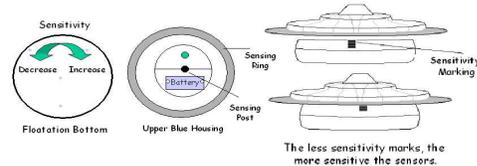> As a guide, one alkaline battery should last approximately four months under normal use.
>
> Use care when installing or removing the battery, the clips can break.

(1) Turn the alarm upside down and turn the black flotation base from the upper blue housing by rotating base in a counter clockwise direction until base is loose from the upper blue housing.
(2) Remove the two screws and lift off the battery cover and gasket.
(3) Snap a 9-volt alkaline battery into battery connections. It is important to use an alkaline battery, as other batteries will not last as long.
(4) Replace battery cover and gasket, then tighten with the two retaining screws. Do not over-tighten screws but tighten enough to create a seal between the cover and the gasket to prevent water from getting into the battery compartment.
(5) Return the black flotation base to the upper blue housing by rotating the base in a clockwise direction. Reference: To Adjust Sensitivity.
(6) Reset pool alarm.
(7) Place your alarm in the pool and tip so that the sensing ring makes contact with the water. The alarm should sound.

BEEP…

TO ADJUST SENSITIVITY

The less sensitivity marks, the more sensitive the sensors.
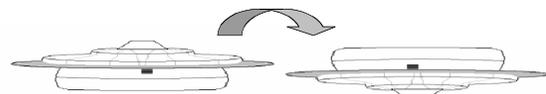
Turning the black flotation base clockwise or counterclockwise raises or lowers the sensing ring connected to the upper blue housing. The closer the sensing ring is located to the water, the more sensitive your alarm becomes.

Turn the black flotation base clockwise (until it stops). Start testing pool alarm (reference: testing alarm). Start making adjustments by turning the float only a ¼ turn at a time. We do not recommend turn the float more than three full turns total.

POOL ALARM RESET

If the pool alarm has been handled you may need to reset the alarm before setting in the pool for testing.

After your pool alarm has sounded off you will need to reset the alarm. Lift the alarm out of your pool. Shake off excess water around the sensing ring and center post. Tilt the alarm up-side down or at 180º angle for at least five seconds. After the pool waves have settled you can replace the pool alarm in the pool.

Resetting the pool alarm will not reset the receiver. Another feature is an automatic reset. Both the transmitter and receiver will automatically reset after sounding for three minutes.
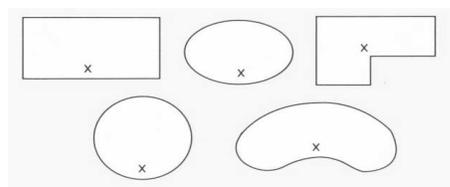
POOL SET-UP & TRANSMITTER PLACEMENT

One pool alarm can be used for all pool types including above-ground, in-ground, and inflatable pools. Use the placement suggestions based on your pool shape. If your pool is larger than 20 x 40 we suggest using more than one pool alarm.

Get your string and clips out. Start by burning or cutting the string in half (we recommend burning so the nylon does not fray). Tie one string to each tab on the float.

Position your alarm in your pool according to shape and size. Do not place your alarm next to the filter return. After testing your alarm you may need to make adjustments. Here are some suggestions on placement.
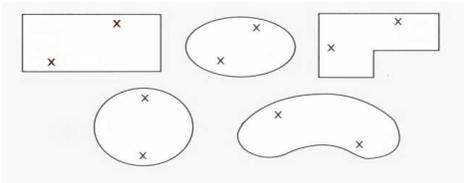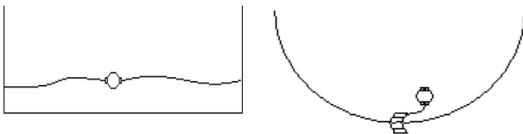
Most pool sizes:

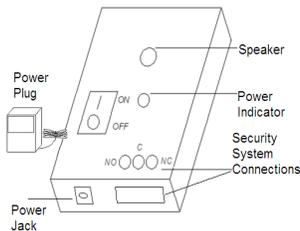**For a pool greater than 20 x 40 you will need a second alarm.**

Then tie the other end of the stings to each side of the pool. Do not place the alarm any closer than one foot from the side of your pool. Leave approximately 2' of slack in the string for the alarm to function and be removed easily. Tie down locations should be as close to the water level as possible for the best results. You can tie down to your ladder, diving board, or the hooks that are suppled. **Do not apply adhesive-backed hooks to your pool liner as removal of the hooks may tear your liner.**

For soft sided pools: Tie one end of the string to the tab on the float, leave about 2-3 foot of slack, tie the other end of the sting to either a ladder or another fixed area. **Do not apply adhesive-backed hooks to your pool as removal of the hooks may tear your pool.**

TO OPERATE YOUR REMOTE RECEIVER:

Your remote receiver works with your pool alarm allowing you to monitor your pool inside your house as well as outside. When the pool alarm is set off it sends a signal to the remote receiver.

Plug in the power jack to a wall outlet and plug the other end into the power jack connector. Turn power switch to "on" position, the red led indicator will turn on.

Turning off the pool alarm will not deactivate the receiver alarm inside your house. Turning off the receiver inside the house will not turn off the pool alarm.
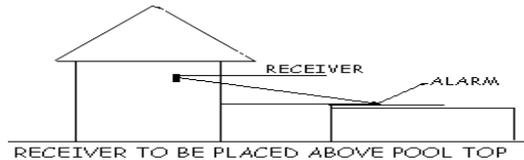
RECEIVER RESET

The remote receiver will continue to sound an alarm until manually switched off. To reset the remote receiver, turn the on/off switch to the "off" position and allow the switch to remain off for approximately five seconds before returning the switch to the "on" position.

Both alarms have a three minute reset feature, if the alarms have been active for three minutes they will reset themselves.
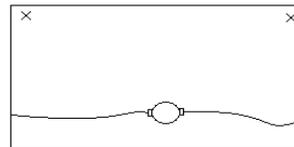
PLACEMENT OF RECEIVER:

Place your receiver next to a window or door adjacent to the pool with-in 200 feet from the transmitter. Do not place the receiver near steel walls, cabinets, on or alongside an electrical appliance, or on a metal surface as this may affect signal reception. The pool alarm will not transmit its signal through the ground. Therefore, you should place the receiver at an elevation higher than the top of the pool. If the side of the pool blocks the line of sight between the receiver and the pool alarm, the signal may not be transmitting into the home. Placing the receiver in front of a window overlooking the pool will increase the ability of the receiver to accept the signal, providing there is no obstruction between the pool alarm and the receiver.

TESTING ALARMS:

Before the testing check: Sensitivity of the pool alarm is at the most sensitivity position (ref: adjust sensitivity), the pool alarm was reset, and the pool alarm is set-up in the pool ready to go. Next get a test object ready (select an object of the approximate size and weight of your child or pet). We used two gallon jug(s) of water. One jug is about 8 lbs.

Drop the test object in the pool from the farthest point from the alarm, dropping the object from 6" above the water. The pool alarm should sound with in 20 seconds. The receiver should sound with-in seconds of the pool alarm sounding. Reset both alarms. Here is an example of where we dropped test objects:

If the pool alarm and receiver sound, continue the test at other locations in the pool to make sure your alarm works at all locations**.** Between tests wait 10 minutes to allow waves to settle. If one or both alarms did not sound or was to sensitivity make adjustments to either sensitivity or placement.

If making adjustments to sensitivity only do a ¼ turn at a time. Track the total amount of turns that you make. Write it down. This will save you time later when you need to change the battery, or set-up for next year. We recommend to retest.

LOW BATTERY:

Your pool alarm is equipped with a low battery indicator. If your 9-volt alkaline battery is low (6-volts or less) in the transmitter, your transmitter and remote receiver will sound a "chirping" noise once every 20 seconds. Once you replace your battery in the transmitter you will need to reset your remote receiver.
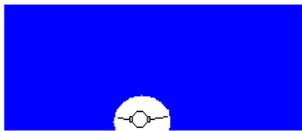
Use and Care Instructions
PA-25 & PA-30

The home security system will connect to two of the three terminals. Check the security system documentation to determine if the system is an "open loop" or a "closed loop" system. These inputs are connected to a relay.

Closed Loop:
If the security system is closed loop, the connections are made to the "C" and "NC" terminals. When the receiver alarms the relay will open and trigger the home security system.

Open Loop:
For an open loop system, connections are made to the "C" and "NO" terminals. When the receiver alarms the relay will close and trigger the home security system.

POOL PATROL LIMITED WARRANTY:

Do not return the product to be repaired to the retailer from whom the product was purchased. ALL REPAIRS NEED TO BE SENT TO DRIVEN DESIGNS.

Driven Designs, Inc. warrants that your product when purchased from an approved dealer, except as noted below, is on the date of purchase free from defect in material and workmanship. We will correct any such defect without charge if you return the complete product, either in person or by other shipping means prepaid, to Driven Designs, Inc. Service Center within two years after the date of purchase.

Warranty service must be performed by Driven Designs, Inc. and damage or loss of any kind resulting from servicing by any other person is not covered under our warranty. Please return the product postpaid to Driven Designs, Inc., 1135 S. Bridge St., Belding, MI, 48809, Attn: Service Department. For questions you can email cvandermeulen@drivendesigns.com or call (616) 794-9977 Monday-Friday 8 am – 5 pm Eastern Time.

This warranty does not cover damage caused by acts of God, accident, misuse, abuse, or by affixing any unauthorized accessory or alteration of the product, or by connection of the product to any but the specific current and voltage indicated in the accompanying instruction booklet, or by any other conditions beyond our control. ALL IMPLIED WARRANTIES INCLUDED BUT NOT LIMITED TO IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY ARE LIMITED IN DURATION TO TWO YEARS FROM DATE OF ORIGINAL PURCHASE.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so that the above limitations and exclusions may not apply to you. No responsibility, obligation, or liability is assumed for the installation or maintenance of the Pool Patrol Alarm or for any incidental or consequential damages.

Please remember to include your information when sending returns to Driven Designs. Your Name, Address, City, State, Zip, Phone Number, and if you would like an email address.

Driven Designs, Inc.
1135 S. Bridge St.
Belding, MI 48809
Phone 616.794.9977
Fax 616.794.9987
www.poolpatrol.com

FALSE ALARMS:

As you may find that one setting is ideal for regular use when the surface water is placid, it may cause false alarms if a wind or storm comes up. To avoid false alarms, you may decide to temporarily decrease the sensitivity. You should then reset your alarm at the new setting to verify that it will sense the child or pet you wish to protect at all areas of the pool. If you find that after increasing the sensitivity to prevent false alarms leaves areas of your pool unprotected, you should again consider purchasing an additional unit for your pool. **Do not leave out overnight until you have controlled the alarm with proper adjustment of the sensitivity setting and a secure tie down.**

POOL COVERS:

Your pool alarm can work with solar covers. It is recommended that you cut an area out of your cover making a ½ circle shape so your pool alarm can float in the area best protecting your loved ones.

STORING YOUR ALARM:

If your pool is in use remove your pool alarm and place it next to the side of the pool. When you are done using the pool, wait 10 minutes letting the waves settle in the pool, reset the pool alarm, then replace the pool alarm.
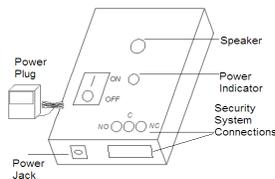
When you need to store it for a period of time, remove the 9-volt battery, replace battery cover and float. Store inside the house dry in a secure area. Turn the receiver to the off position. This can be stored with the pool alarm also.

TO CONNECT TO HOME SECURITY SYSTEMS:

If you have a home security system the receiver can be installed to work with the security system. It is recommended that you hook the in home receiver to you home security system one week after installing the pool alarm. This give you some time to work with the alarm, have the sensitivity set to your conditions avoiding false alarms.

IMPORTANT: Make sure the transmitter sensitivity is set correctly. This will avoid false alarms.

To connect to a home security system there is a connector at the bottom of the receiver with three inputs:

NO-Normally Open
C-Common
NC-Normally Closed

Alarm Problems	Try
Unit is Inoperative: Low or missing battery	Replace Battery with 9v Alkaline Battery
Unit sounds continually or erratically	Reset unit by turning upside down for 15 seconds.
Unit makes occasional short alarm sound. This is the low battery alarm.	Replace battery.
Unit makes low battery alarm and battery is good.	Reset unit by turning upside down for 15 seconds.
Alarm was working for a long period of time and is not working now.	Oxidation can build up on the sensing post Lightly clean with steel wool
Unit appears broken after sudden impact or extreme movement.	Perform a hard reset by turning unit upside down for 5 minutes.
Unit gives false alarms	Decrease sensitivity by turning float counter-clockwise. Try a different location in pool.
Unit not sensitive enough	Increase sensitivity by turning float clockwise. Try a different location in pool.
Water can be heard inside unit	Remove battery and return unit for service.
Alarm sounds but receiver does not. Red light is not on.	Receiver is not turned on, or plugged in.
Alarm sounds but receiver does not. Red light is on.	1. Receiver is too far from alarm. Relocate. 2. Receiver is in a building with metal siding. Relocate near a window.