



GA-25 & GA-30

The **Pool Patrol**® Door/Gate Alarm is intended to warn homeowners of potential unauthorized intrusions into unsupervised areas of their home and yard.

Although the gate alarm is simple to use, it is important to spend sufficient time to become familiar with the operation of your alarm and to properly test the unit regularly.

The **Pool Patrol**® Door/Gate alarm is activated via magnetic sensors. The GA-20 sounds an alarm at the point of entry only. The GA-30 sounds an alarm at the point of entry and transmits a signal to a remote receiver. The receiver may be placed as far as 200 feet from the alarm.

IMPORTANT:

- ◆ Use of this product does not replace constant adult supervision.
- ◆ Install the unit at least 54" above the threshold of the entrance you are trying to protect.
- ◆ Retest your alarm every 90 days.
- ◆ Do NOT attempt to alter or repair the alarm yourself. This will void your warranty.
- ◆ Do not use this product prior to reading the instructions
- ◆ **Do not leave out overnight until you have learned how to operate the alarm.**

OVERVIEW OF GATE ALARM:

There are currently three models of the Pool Patrol Door/Gate Alarms; GA-20, GA-25, and GA-30. This instruction manual covers the GA-25 and the GA-30.

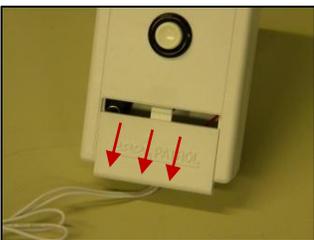
GA-20 - This model is a stand-alone unit only. It is a basic unit intended to only alert you at the point of entry. This model will not transmit and does not include the receiver.

GA-30 - This model will transmit and includes a receiver. It is intended to alert you at the point of entry and will transmit to a receiver located nearby.

GA-25 - This model is designed with a transmitter and will work with other GA-30's and its receiver. Sometimes large areas with more than one entry require additional gate alarms but do not require additional receivers. The GA-25 is intended to work with the GA-30's receiver allowing multiple alarms to be installed, without additional receivers.

TO INSTALL OR CHANGE BATTERY:

The gate alarm requires a 9V alkaline battery. One 9V alkaline battery will last for one year under normal use.



1. Remove the battery cover on front of alarm by pulling down on it (Figure 1).
2. Plan to place unit within 6" of the mounted magnetic sensor.
3. The mounting holes are located inside the battery compartment (Figure 2). Use these

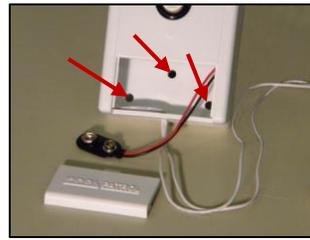


Figure 2 Mounting Holes

holes to install the unit at least 54" above the threshold of the entrance you are trying to protect. Double-sided tape may be used in lieu of screws.

When mounting to a chain link fence, use nylon cable ties and insert through the holes in the back of the unit and then around the chain link.

4. The magnetic sensor is shown in Figure 3. The magnetic sensor already has a double-faced tape attached. Peel the protective covering from the back of the magnets and install so that the two magnets are not more than 3/4" apart. Some installations, such as outdoor applications, may require the use of four #10 screws (included) to attach the magnets. In some cases you may have to shim one side of the magnetic sensor so that when the door is closed, the magnetic sensors are even. When mounting to any metal door, slider, or fence post, a 1/4" wood or plastic spacer must be placed behind the magnetic sensor so as to avoid false tripping of the alarm.

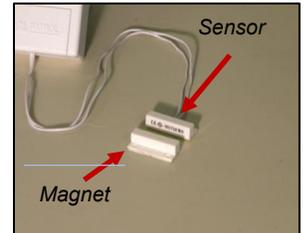


Figure 3 Magnetic sensor

5. Install the 9-volt alkaline battery and then replace the battery cover. When connecting the battery, if the alarm has 3 short beeps, a pause, and 3 short beeps, there is a problem. Reconnect the battery again. If the beeps continue to occur send the unit in for repair. See warranty below.
6. Once the battery is connected the unit is ready to go.

HOW TO OPERATE GATE ALARM

Seven Second Delay

- 1) If the door is opened and then closed and the reset button is pushed within seven seconds:
 - a) Alarm will not sound and will be ready for next function.
- 2) If the door opens and remains open:
 - a) Seven seconds after opening the door, the alarm will sound
 - b) The alarm will continue to sound until the door is first closed and then the reset button is pushed.
- 3) If the door is opened and then closed without hitting the reset button:
 - a) Seven seconds after opening the door, the alarm will sound
 - b) The alarm will continue to sound until the door is first closed and then the reset button is pushed.
- 4) If the door is opened and it remains open while the reset button is being pushed:
 - a) Seven seconds after opening the door, the alarm will sound.
 - b) The alarm will continue to sound until the door is first closed and then the reset button is pushed.
- 5) To disable the alarm for 15 minutes**New Feature**
 - a) Be sure the door is closed.
 - b) Press and hold the reset button for five seconds.
 - c) The alarm will chirp twice. This indicates the alarm is disabled for 15 minutes.
 - d) The alarm will chirp when the 15 minutes has expired.

- e) To re-enable the alarm when it is inactive: close door and press the reset button until it chirps once. The chirp indicates the alarm is again active.

TO OPERATE YOUR REMOTE RECEIVER:



Figure 4 Receiver

Your remote receiver works with the Door/Gate alarm allowing you to monitor your door or gate from within your house. When the gate alarm is activated it sends a signal to activate the receiver. Plug in the power jack to a wall outlet and plug the other end into the power jack connector (Figure 4). Turn power switch to "on" position, the red LED indicator will turn on.

The receiver has two modes of operation: Serial Number mode (SN mode) and ID mode. When the receiver is in SN mode it will accept the transmission of any Pool Patrol transmitter (this is the default setting). The serial number is common to all transmitters. When the receiver is in ID mode it will accept the serial number plus the ID number of the transmission. The ID number is unique to each transmitter.

Mode Change

To change from SN mode (default) to ID mode or back from ID mode to SN mode, turn off the receiver. Locate the mode button on the top left corner of the receiver (Figure 5). Using a paper clip or tooth pick hold the mode button down while turning on the receiver. Once the receiver is turned on, release the mode button. The unit has now changed modes.

SN mode

In this mode the receiver will accept any Pool Patrol transmitter.

ID mode

In this mode the receiver will only accept the transmissions from only those ID codes the receiver has learned. It locks out all other transmitters.

Learn

With the receiver in ID mode, pushing and releasing the mode button once will put the receiver in learn mode causing the LED on the front of the receiver to turn green. Learn mode will timeout after 18 seconds and the receiver will go back to normal operation causing the LED to change back to red. Once in learn mode the receiver is waiting for the ID code from a transmitter Door/Gate alarm. Trigger the transmitter and send the serial number and ID number to the receiver. To trigger the transmitter separate the magnetic sensor by opening the door or gate and set off the alarm. The receiver will take the ID number and store it in memory. Up to 8 transmitters can be learned by each receiver. If the receiver accepts the ID code from the transmitter the green LED will turn off and on and then turn red and blink rapidly.

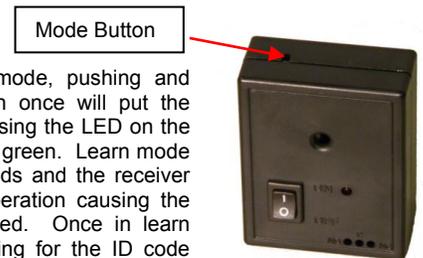


Figure 5 Mode Button

Erasing Memory

Place the receiver in ID mode. Holding the mode button in for 10 seconds will erase the receiver memory. All of the transmitter ID numbers stored in memory will be cleared. Once the mode button is pressed the LED will turn green for 10 seconds. When the LED turns off the memory is erased. After releasing the mode button the LED will briefly turn green and then red. When the LED is back to red, the receiver is back to normal operation in ID mode.

Zero Delay

In the Zero Delay Mode the alarm will sound for 30 seconds. After 30 seconds the unit will check if the door is closed. If the door is closed it will shut off the alarm, if the door is still open it will continue to sound again. Once the alarm is activated, the reset button is disabled.

- 1) If the door is opened and remains open the alarm will continue to sound until:
 - a) The door is closed.
 - b) And the 30 second alarm has expired.
- 2) If the door is opened and then is closed without pushing the reset button before opening door, the alarm will sound and continue to sound until:
 - a) The 30 second alarm has expired.
- 3) If the door is opened and it remains open while the reset button is pushed, the alarm will continue to sound until:
 - a) The door is closed.
 - b) And the 30 second alarm has expired.
- 4) If the reset button is pushed before the door is opened, and the door is opened and closed within 15 seconds:
 - a) The alarm will not sound and remains ready.
- 5) If the reset button is pushed before the door is opened, and the door is opened and not closed within 15 seconds:
 - a) The alarm will sound and continue to sound for 30 seconds or until the door has closed and alarm has reset.

Changing delay modes

To change the mode between the seven second delay and the zero second delay follow the steps below.

1. Remove the 9V battery from the Door/Gate alarm.
2. With the battery removed hold the reset button in.
3. While holding the reset button in touch the battery to the terminals of the battery clip. The unit will chirp.

A single chirp indicates the unit is in the zero second delay mode. Two chirps indicate the unit is in the seven second delay mode. After the unit chirps release the reset button and reconnect the 9V battery and replace it in the unit.

The alarm will remain in this mode even if the 9V battery is replaced.

RECEIVER RESET

The remote receiver will sound the alarm for 3 minutes and automatically reset after such time. To reset the remote receiver flip the on/off switch to "off" for several seconds and then back "on".

IMPORTANT

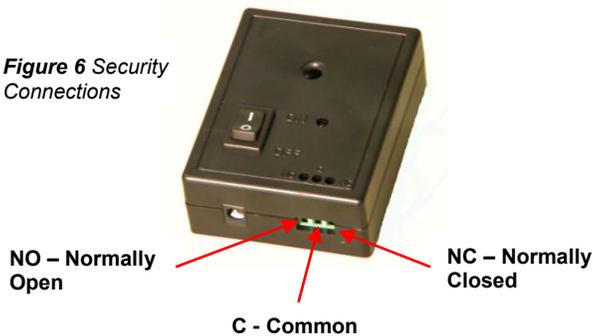
Turning off the alarm at the gate or door will not deactivate the receiver alarm inside your house. Turning off the receiver inside your house will not turn off the alarm at the gate or door.

PLACEMENT OF RECEIVER:

It is best to place the receiver next to a window or wood 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, such as a computer, or on a metal surface as this may affect signal reception. The pool alarm will not transmit its signal through the ground.

Placing the receiver in front of a window will increase the ability of the receiver to accept the signal.

Figure 6 Security Connections



Once the receiver has been placed, test the alarm multiple times to be sure it will receive the transmitted signal.

LOW BATTERY:

Your door and gate alarm is equipped with a low battery indicator. If your 9-volt alkaline battery drops below 6V it will sound a "chirp" once every 60 seconds. The receiver will also chirp once every 60 seconds to indicate the alarm in the pool has a low battery.

Replace the battery in the alarm following **TO INSTALL OR CHANGE BATTERY** on page one, next reset the remote receiver following the **RECEIVER RESET**.

TO CONNECT TO HOME SECURITY SYSTEMS:

If you have a home security system the receiver can be installed to work with your security system.

To connect to a home security system there is a connector at the bottom of the receiver with three inputs: (See Figure 6)

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 and only provide an open or closed contact.

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.

FCC ID

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

INFORMATION TO USER

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

POOL PATROL LIMITED WARRANTY:

IMPORTANT

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 for two years. 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 vlanting@drivendesigns.com or call (616) 794-9977 Monday-Friday 8 am - 5 pm Eastern Time.

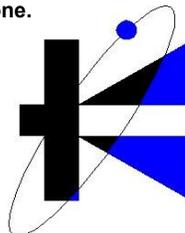
This warranty does not cover damage caused by acts of God, accident, misuse, abuse, or by affixing any unauthorized accessory or alteration of the product, or by connection of the product to any but the specific current and voltage indicated in the accompanying instruction booklet, or by any other conditions 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, email address, and a description of the issue if there is one.



DRIVEN DESIGNS, INC.

1135 S. Bridge St.
Belding, MI 48809
Phone 616.794.9977
Fax 616.794.9987

www.poolpatrol.com