

PRODUCT DESCRIPTION FOR THE GATE MOUNT POOL ALARM

APPLICATION:

The GRI GATE MOUNT POOL ALARM is designed as an aid to detect unsupervised access to a pool/spa area by a small child. Monitoring all gates with magnetic reed switches the GATE MOUNT POOL ALARM will sound an alarm should anyone too small to manage the adult pass through feature attempt access to the pool/spa area. For maximum protection all moveable openings should be protected in such a manner by the GRI GATE MOUNT POOL ALARM.

DESCRIPTION:

The GRI GATE MOUNT POOL ALARM uses a microprocessor to monitor the CLOSED LOOP magnetic reed switches, delay/reset button, battery and power supply voltages, and to provide the timing options. The GATE MOUNT POOL ALARM may be easily mounted to an existing structure.

The 7 SECOND version offers a seven second delay in which an adult may open the protected gate, shut it, and then press the reset button without the alarm sounding.

The INSTANT ON version will alarm instantly if the protected gate is open before the delay button is pressed.

Both versions may be operated with an onboard 9 volt battery or a 12 volt externally supplied DC power source. The GATE MOUNT POOL ALARM is designed to maintain a maximum sound pressure level, currently rated at 85 dB at 10 ft.

MODEL NUMBER AND VERSION

GT10-2	Gate Mount PoolAlarm w/7 Second Delay - Closed Loop
GT10-4	Gate Mount PoolAlarm Instant On - Closed Loop

INSTALLATION WIRING DIAGRAM

Single Gate

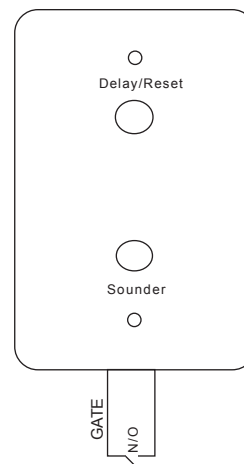


Figure 1. Wiring Diagram

INSTALLATION INSTRUCTIONS

A) Installing the Gate Sensor

NOTE: Closed Loop Switch Required.

The GRI GATE MOUNT POOL ALARM uses CLOSED LOOP (Normally Open) magnetic reed switches. Install the magnetic reed switch on the gate according to the manufacturer's installation instructions. Next run the wires from the switch(es) to where the GATE MOUNT POOL ALARM will be located on the wall/fence.

B) Installing the GATE MOUNT POOL ALARM

NOTE: The GATE MOUNT POOL ALARM must be mounted as per local code or regulations.

Remove the GATE MOUNT POOL ALARM from the surface mount case. Attach the surface mount case to the wall or existing fixture so that the hole in the box is on the bottom. Run the wires from the gate through the hole in the bottom of the box. Attach the switch wires to the two white wires of the gate alarm, polarity doesn't matter.

EXTERNAL POWER SUPPLY: If using an external 12 volt DC supply, run the wires from the power source to the alarm unit through the hole in the bottom of the box. Attach the positive voltage to the red wire on the battery strap and ground to the black wire using sealed weatherproof connectors. (3M Scotchlok IDC P/N 5400714911 or equivalent.)

BATTERY: If the external power option was not selected connect a standard 9 volt battery. The alarm will beep twice during power up, and then a third time 15 seconds later indicating a successful diagnostics test.

CAUTION: Insure proper orientation for drainage.

Lay the battery in the top of the case and reassemble the GATE MOUNT POOL ALARM with the button on the TOP and the sounder on BOTTOM. Secure with the two screws provided.

To maintain maximum sounder volume, a low battery mode will be initiated should the voltage drop below 7 volts. In low battery mode, the unit will sound 3 beeps approximately every 30 minutes for one to two weeks prior to total battery failure. The battery must be replaced at this time and the cause of power failure determined and restored. Also at this time wash out the box and sounder to remove all dirt and debris.

When the alarm is sounding, it can only be turned off by pressing the reset button. If the door is still open 15 seconds after the reset button is pressed, the alarm will sound again and continue until the door is closed and the button is pressed. If the alarm is left on for over an hour, the unit will go into a power save mode in which the unit will indicate an alarm condition by turning on the sounder for ten seconds and off for twenty seconds until reset.

SPECIFICATIONS:

Battery Type	Standard 9 Volt
Battery Life	Approximately 3-6 months
External Power Supply	12V DC
Low Bat Mode	7V DC
Mounting Height	Ref. Local Code
Sounder Rating	85 dB at 10 Ft. (3.5 M)
Switch	Closed Loop

WARNING: NOT A LIFE SAVING DEVICE. It is to be used in conjunction with current safety equipment and procedures to prevent unwanted intrusions into unsupervised areas.

WARNING: Environmental conditions such as wind, rain, etc. may affect the sounder volume of the GATE MOUNT POOLALARM.

