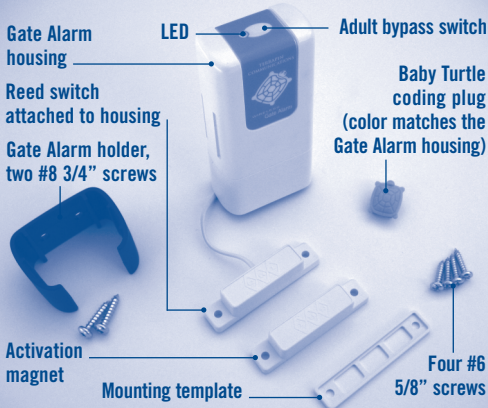# SAFETY TURTLE

by Terrapin Communications

OPERATING INSTRUCTIONS

WIRELESS GATE ALARM GA-101

The GA-101 Gate Alarm requires a Safety Turtle Base Station, purchased separately.

READ ALL INSTRUCTIONS BEFORE STARTING.

Gate Alarm housing

LED

Adult bypass switch

Reed switch attached to housing

Baby Turtle coding plug (color matches the Gate Alarm housing)

Gate Alarm holder, two #8 3/4" screws

Activation magnet

Mounting template

Four #6 5/8" screws

WIRELESS GATE ALARM GA-101

Except for the battery, this product is warranted for one year from the date of purchase. The effects of misuse are not covered by the warranty. See the Safety Turtle User Guide for customer support information.

INSTALLING THE GA-101

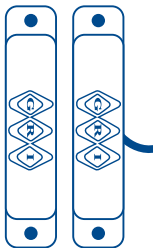Mount the Gate Alarm sensor in accordance with local codes and/or regulations where applicable.

1 Confirm the locations of the Gate Alarm holder, the reed switch and the activation magnet before proceeding. *Note: The reed switch and the activation magnet are normally mounted FRONT facing, but for latch gaps of more than 1 inch [2.5 cm.] they may need to be side facing.*

SIDE MOUNTED CONFIGURATION

2 The holder must be attached so the Gate Alarm is in an upright position. Use two wood screws to secure the holder to the top of a wooden fence post or frame. Use self-tapping metal screws, not included, to attach the holder to the horizontal top railing of a metal fence. [If there is no top railing, a nylon cable tie may be used to attach to a metal post.] Insert the Gate Alarm housing into the holder.

3 A mounting template is provided to locate the screw holes for the reed switch and the activation magnet. Mount the reed switch to the stationary frame of the gate using two screws. Note the orientation of GRI logo. Both the [GRI] logos on the reed switch and the activation magnet must be oriented in the same direction, up or down.

4 Mount the activation magnet to the moving frame of the gate, opposite and parallel to the reed switch, with the GRI logos aligned. The facing surfaces of the reed switch and the activation magnet must not be separated by more than 1.5 inches [3.8 cm.].

5 The Gate Alarm housing is water resistant, but not waterproof. Do not immerse it in water or allow water to enter from the bottom. Do not remove the foam underneath the housing. It serves to protect against the elements.

INSTALLING THE BATTERY

1. To install the battery, remove the Gate Alarm housing from the holder.

2. Separate the top and bottom halves of the housing, remove the mylar tape, then firmly press the battery into place as shown.

3. With the O-Ring and foam underneath the housing correctly in place, reattach the top and bottom halves of the housing. Re-insert the housing into the holder.

PRESS DOWN

SECURE THE BATTERY IN POSITION

OPERATING THE GA-101

The Safety Turtle® User Guide that comes with the Base Station explains the functionality of the Safety Turtle system and the Base Station. The following instructions are supplemental to the Safety Turtle User Guide.

The GA-101 Gate Alarm sensor transmits but does not alarm locally. Alarming occurs only at the Base Station, which is purchased separately. All Safety Turtle sensors [Turtles, Gate Alarms, and Panic Buttons] must be of the same color to work with one Base Station. The Baby Turtle coding plug and sensors all depict this color.

1 Refer to the accompanying diagram of the GA-101. Note the positions of the adult bypass switch [the button on top of the Gate Alarm] and the LED [the light next to the button].

2 Before the Gate Alarm sensor can function, the GA-101 must be installed on a gate [see INSTALLATION INSTRUCTIONS]. The last step in the installation is to insert the battery into its holder. Do this when the Base Station is plugged in, with its green light on, and is not alarming.

If the Base Station alarms as soon as the Gate Alarm sensor battery is installed, check to make sure that the gate is properly latched.

If pressing the moon-shaped button on the Base Station does not completely silence the alarm, the reed switch and magnet are spaced too far apart when the gate is latched. Reduce the spacing between the reed switch and magnet [see INSTALLATION INSTRUCTIONS]. If this does not work, remove the battery and contact the manufacturer for assistance.

3 *A Base Station will only alarm when it is in range of the signal transmitted by the installed GA-101.* The range varies to a maximum of about 250 ft. [75 meters] and must be tested for each installation. To maximize range, locate the Base Station as high as possible and facing the coverage area, e.g. the pool and/or alarmed gate(s) [see "Locate the Base Station" in the Initial Setup and Testing section of the Safety Turtle User Guide].

4 Test the operation of the system as follows:

a the gate should be latched except where indicated

b the Base Station should be in Test Mode with its amber light on [see the Safety Turtle User Guide]

c the LED on the Gate Alarm should illuminate for about 11 seconds after the adult bypass switch on top of the unit is pressed – if it does not, the battery needs to be replaced or pressed firmly into its holder [see Replacing the battery]

Safety Turtle is not a substitute for diligent supervision or an adequate barrier to restrict the access of children to water hazards.

d open the gate – beeping should start immediately and continue with the gate resting on the latch, and stop within a few seconds of latching

e press the bypass switch then immediately open the gate – there is an 11 second delay before the beeping starts

f after testing, return the Base Station to Active Mode [see the Safety Turtle User Guide]

5 If no beeping occurred in 4, open the gate wider. If this solves the problem, the spacing between the reed switch and the magnet needs to be increased very slightly [see INSTALLATION INSTRUCTIONS]. Repeat Step 4.

6 Step 6 is optional if Step 4 was successful. Repeat Step 4 with the Base Station in Active Mode [amber light off]. Once the Base Station alarms, press the moon-shaped button to turn it off. If the system performs correctly in Active Mode but not in Test Mode [see the Safety Turtle User Guide], the CR2032 battery in the Gate Alarm needs replacing in the near future.

7 If Steps 4 and 6 have both failed, relocate the Base Station where there is better reception of the signal from the Gate Alarm sensor [see "Locate the Base Station" in the Initial Setup and Testing section of the Safety Turtle User Guide].

8 The 11 second adult entry countdown only starts when the adult bypass switch is released. It also resets to 11 seconds whenever the switch is pressed while the LED is still on. Hold or press the switch repeatedly to prolong the timeout.

REPLACING THE BATTERY

Release the battery from the holder as shown below. Install the new battery per INSTALLATION INSTRUCTIONS.

If the gate has to be kept open for an extended period, remove the battery to avoid rapid discharge.

PRESS FIRMLY ON THE MIDDLE TAB OF THE BATTERY HOLDER TO EJECT THE BATTERY

Federal Communications Commission (FCC) Notice

This device complies with FCC Part 15 Rules and Industry Canada RSS 210 Issue 2 Regulations. Operation is subject to the following two conditions:
- *this device may not cause harmful interference; and,*
- *must accept any interference received, including interference that may cause undesired operation.*

Changes or modifications not expressly approved by Terrapin Communications Inc. could void the user's authority to operate the equipment.