

Gateminder® Pool Gate Alarm WSE27 - Installation Instructions for

- Glass gate to glass panel
- Glass gate to square post supported panel
- Glass gate to round post supported panel
- Steel or timber framed gate to steel or timber framed panel

WARNING: The Gateminder ® pool alarm is NOT a life saving device. Normal precautions should be exercised such as monitoring of the whereabouts of young children, maintaining fencing system in good shape and ensuring that children cannot climb over the fence.

The components in the box include:

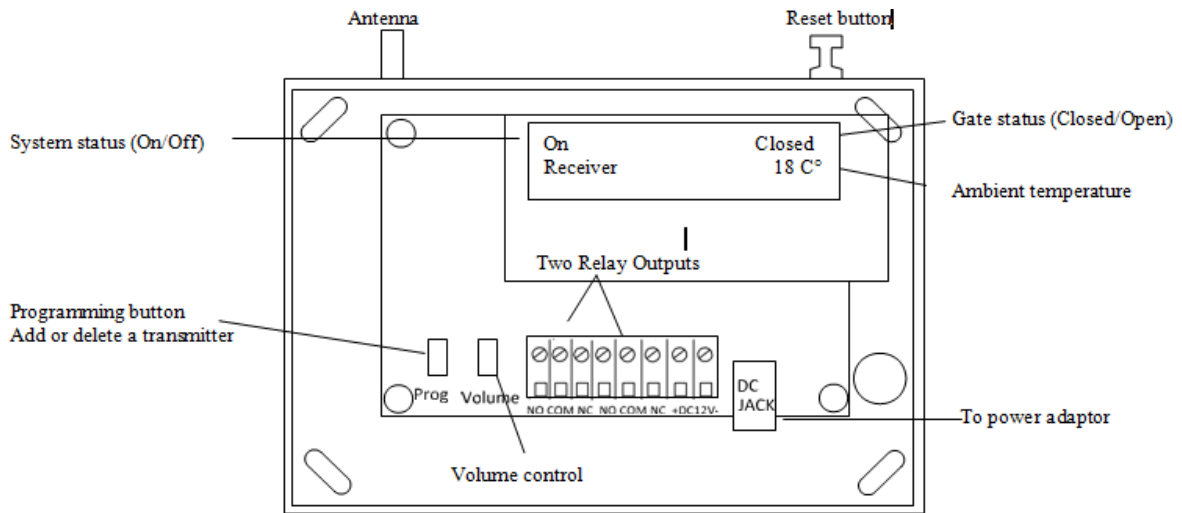
- Receiver module & stand,
- Receiver module aerial,
- Power adaptor,
- Remote control,
- Transmitter with pre-assembled flat back plate,
- Curved back plate,
- Screw tab back plate,
- Magnet,
- Magnet offset support and cap,
- Screw tab magnet case,
- Water proofing plugs,
- Large and small double sided adhesive strips,
- 4 self-tapping screws,
- Screw driver,

General

The wireless pool gate alarm WSE27 consists of the receiver module, power adaptor, a transmitter assembly and magnet. The WSE27 monitors the status of the swimming pool gate and sends a signal to the remote receiver module whenever the status of the gate changes. The receiver module may be placed in the home on a suitable surface using the receiver module stand or mounted on a wall, up to 150m from the pool gate. When the magnet is moved away from the transmitter assembly (gate opens) a signal is sent out wirelessly to the receiver module triggering a voice status report and audio alarm.

The water proof transmitter assembly is able to report “low battery” and “communication fail” to the receiver module. It has an adult pass button allowing adult movement through the pool gate without triggering an alarm.

The receiver module can be connected to an existing security alarm panel through two relay outputs. An LCD display shows system/gate status and in-house temperature. A recorded voice announces any change in the status of the system, such as: system on/off, gate open/closed, low battery and communication fail.

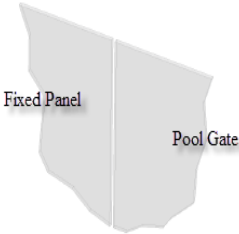
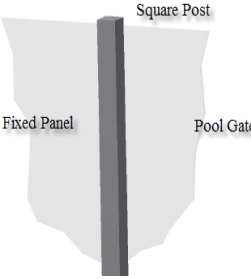
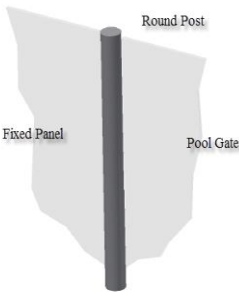
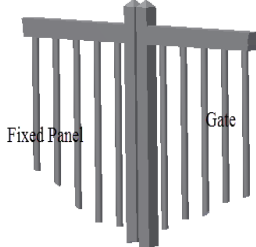


Receiver Module Installation

1. Determine a suitable location for the receiver module. It should be placed as close to the swimming pool gate as possible.
2. Place the receiver module onto the receiver module stand or affix to a wall (undo the screw in the base and unclip the front panel to provide access to the screw slots in the back of the module as shown above). Attach the aerial to the brass aerial support post at the top of the receiver module. Connect and plug in the power adaptor. When the receiver module is powered up, it will emit a voice report “system on”. The WSE27 is now ready for operation.

Installation at the pool gate:

Select the installation instructions A, B, C or D below which suit your pool fence and gate construction from the four shown in the diagrams below and proceed to the selected Installation instructions:

<p>Installation A is for a glass pool gate in glass paneling as shown in Figure 1</p>	<p>Installation B is for a glass pool gate in glass paneling with square support posts as shown in Figure 2</p>	<p>Installation C is for a glass pool gate in glass paneling with round support posts as shown in Figure 3</p>	<p>Installation D is for screwed attachment to steel or timber gate with steel or timber paneling as shown in Figure 4</p>
			
<p>Figure 1</p>	<p>Figure 2</p>	<p>Figure 3</p>	<p>Figure 4</p>

The Gateminder ® at the pool gate is made up of two parts: a transmitter assembly and a magnet (or offset magnet).

INSTALLATION A - Glass Gate to Glass Panel

Prepare the Transmitter Assembly

1. Take the transmitter unit with the pre-assembled flat back plate and pull the insulation strip out of the assembly to activate the transmitter battery (figure 4).

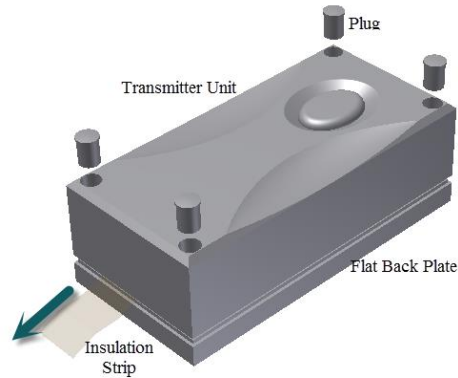


Figure 4

Note: with the battery active, you may hear the warning "door open" and an audible alarm from the receiver module. Cancel the warning and alarm, either by pressing the reset button on the receiver module or the number 1 key on the remote control. (see receiver module operation below).

2. Firmly tighten the screws of the transmitter unit to secure the flat back plate to the transmitter unit using the screw driver provided. Tighten the four screws evenly and firmly to ensure a water proof seal with the flat back plate. There should be no remaining gap between the body of the transmitter unit and the flat back plate.
3. Insert a water proofing plug into each of the screw holes of the transmitter unit.

At the pool gate, test the Transmitter Assembly

4. Bring the magnet close to the transmitter unit (within 30mm). Then separate to at least 80mm. This should trigger the voice announcement "gate open" and the alarm at the receiver module. Turn off the alarm either by pressing the reset button on the receiver module or the number 1 key on the remote control. If there is no response from the receiver module it may be out of range. Relocate the receiver module closer to the pool gate.

Install the Transmitter Assembly (Transmitter Unit and Flat Back Plate)

5. Select an area on the inside of the gate and an adjacent area on the adjoining panel, below the level of any existing child proof latch.
6. Clean the selected areas.
7. Remove the yellow cover film from the larger double-sided adhesive strip and firmly press the adhesive side of the strip onto the back of the flat black plate. Trim off any excess.
8. Remove the red cover film from the adhesive strip and press the transmitter assembly onto the glass panel so that the side of the transmitter assembly is flush with the edge of the glass (figure 5)

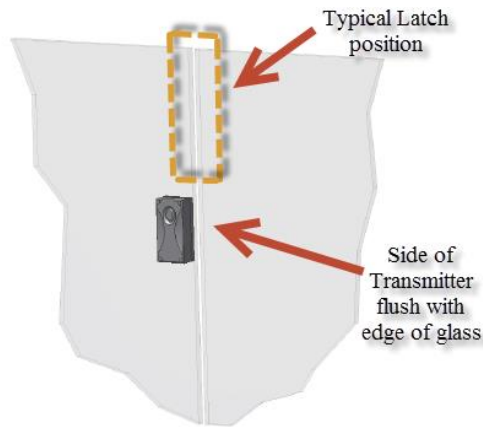


Figure 5

Install the Magnet

9. Remove the yellow cover film from the smaller double-sided Adhesive Strip and press the adhesive side of the strip firmly onto the underside (the square edged side) of the Magnet. Trim off any excess.
10. Remove the red cover film from the Adhesive Strip and press the Magnet onto the glass of the pool gate opposite the Transmitter Assembly and with the edge of the Magnet nearest the Transmitter Assembly flush with the edge of the pool gate glass (Figure 6).



Figure 6

NOTE: the gap between the Transmitter and the Magnet should be no greater than 30mm.

Test the system

11. Turn the system on, either by pressing the reset button on top of the receiver module, or pressing key 1 on the remote control.
 12. Open the gate. The alarm should sound. Close the gate and turn off the alarm.
 13. Reach over the closed gate and press and hold the green adult pass button on the transmitter assembly for about 4 seconds until it emits a beep. Open and pass through the gate. The adult pass allows for a 10 second alarm suppression. Leaving the gate open for longer than 10 seconds will trigger the alarm.
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INSTALLATION B - Glass Gate to Square Post

Prepare the Transmitter Assembly

1. Take the transmitter unit with the pre-assembled flat back plate and pull the insulation strip out of the unit to activate the transmitter battery (figure 7).

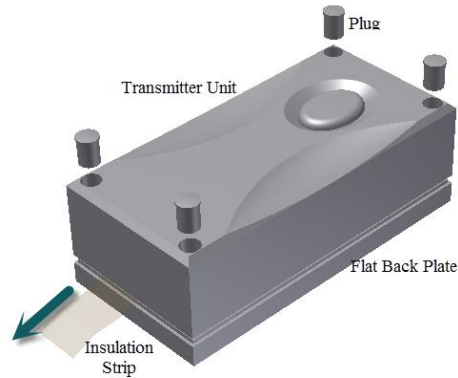


Figure 7

Note: with the battery active, you may hear the warning "door open" and an audible alarm from the receiver module. Cancel the warning and alarm, either by pressing the reset button on the receiver module or the number 1 key on the remote control. (see receiver module [operation](#) below).

2. Firmly tighten the screws of the transmitter unit to secure the flat back plate to the transmitter unit using the screw driver provided. Tighten the four screws evenly and firmly to ensure a water proof seal with the flat back plate. There should be no remaining gap between the body of the transmitter unit and the flat back plate.
3. Insert a water proofing plug into each of the screw holes of the transmitter unit.

Prepare the Offset Magnet

4. Take the offset magnet support and the magnet. Push one end of the magnet into the opening in the offset magnet support, holding the magnet at an angle as shown in figure 8. Push the remainder of the magnet down into the opening to seat on the internal supports.

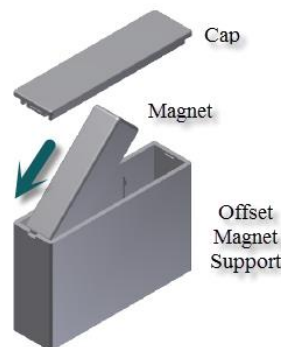


Figure 8

Clip the cap into position to complete the assembly of the offset magnet as shown in figure 9.

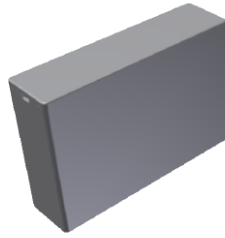


Figure 9

At the pool gate, test the Transmitter Assembly

4. Bring the offset magnet close to the transmitter assembly (within 30mm). Then separate to at least 80mm. This should trigger the voice announcement "gate open" and the alarm at the receiver module. Turn off the alarm either by pressing the reset button on the receiver module or the number 1 key on the remote control. If there is no response from the receiver module it may be out of range. Relocate the receiver module closer to the pool gate.

Install the Transmitter Assembly

5. Select an area on the inside of the gate and an adjacent area on the pool facing side of the adjoining square post, below the level of any existing child proof latch.
6. Clean the selected areas
7. Remove the yellow cover film from the larger double-sided adhesive strip and firmly press the adhesive side of the strip onto the back of the flat black plate. Trim off any excess.
8. Remove the red cover film from the adhesive strip and press the transmitter assembly onto the prepared surface of the square post so that the side of the transmitter assembly nearest the gate is flush with the edge of square post (figure 10)

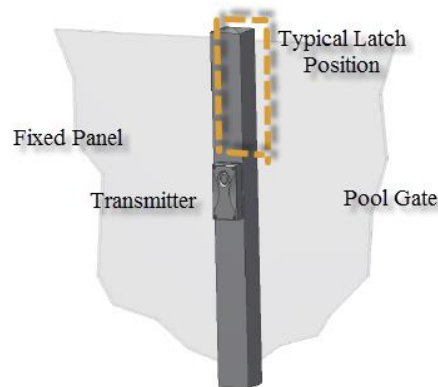


Figure 10

9. Remove the yellow cover film from the smaller double-sided adhesive strip and press the adhesive side of the strip firmly onto the underside (the square edged side) of the offset magnet. Trim off any excess.
10. Remove the red cover film from the adhesive strip and press the offset magnet onto the glass of the pool gate opposite the transmitter assembly and with the edge of the offset magnet nearest the transmitter assembly flush with the edge of the pool gate glass (figure 11).

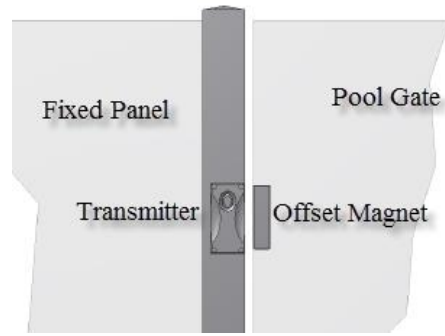


Figure 11

Test the system

11. Turn the system on, either by pressing the reset button on top of the receiver module, or pressing key 1 on the remote control.
12. Open the gate. The alarm should sound. Close the gate and turn off the alarm.
13. Reach over the closed gate and press and hold the green adult pass button on the transmitter assembly for around 4 seconds until it emits a beep. Open and pass through the gate. The adult pass allows for a 10 second alarm suppression. Leaving the gate open for longer than 10 seconds will trigger the alarm.



INSTALLATION C - Glass Gate to Round Post

1. Take the transmitter unit the pre-assembled flat back plate and pull the insulation strip out of the unit to activate the transmitter battery (figure 12).

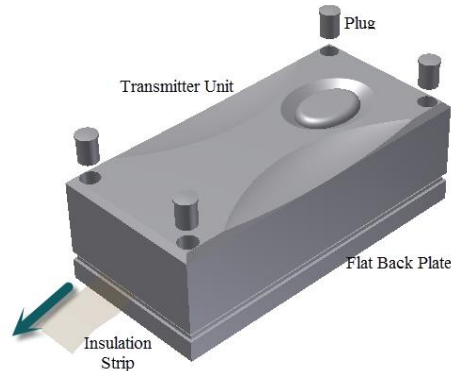


Figure 12

Note: with the battery active, you may hear the warning "door open" and an audible alarm from the receiver module. Cancel the warning and alarm, either by pressing the reset button on the receiver module or number 1 key on the remote control. (see receiver module operation below).

2. Unscrew the four screws holding the flat back plate to the transmitter unit using the screw driver provided. Re-assemble the transmitter unit to the round post back plate (figure 13).

Tighten the four screws of the transmitter unit evenly and firmly to ensure a water proof seal with the round post back plate. There should be no remaining gap between the body of the transmitter and the round post back plate.

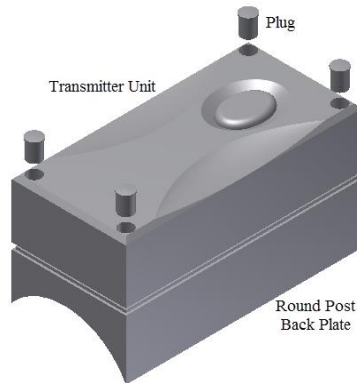


Figure 13

3. Insert a Plug into each of the screw holes of the Transmitter Unit

Prepare the Offset Magnet

4. Take the offset magnet support, cap and the magnet. Push one end of the magnet into the opening in the offset magnet support, holding the magnet at an angle as shown in figure 14. Push the remainder of the magnet down into the opening to seat on the internal supports.

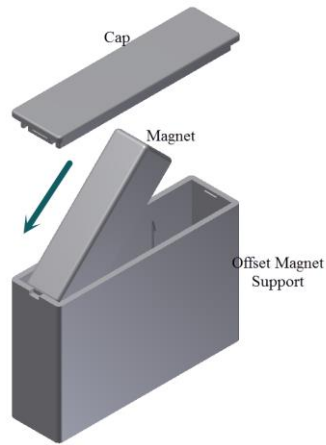


Figure 14

Clip the cap into position to complete the assembly of the offset magnet as shown in figure 15.

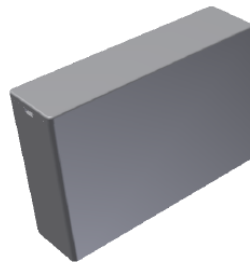


Figure 15

At the pool gate, test the transmitter assembly

5. Bring the offset magnet close to the transmitter assembly (within 30mm). Then separate to at least 80mm. This should trigger the voice announcement "gate open" and the alarm at the receiver module. Turn off the alarm either by pressing the reset button on the receiver module for or the number 1 key on the remote control. If there is no response from the receiver module it may be out of range. Relocate the receiver module closer to the pool gate.

Install the transmitter assembly

6. Select an area on the inside of the gate and an adjacent area on the round post of the adjoining panel, below the level of any existing child proof latch.
7. Clean the selected areas
8. Remove the yellow cover film from the larger double-sided adhesive strip and carefully roll the adhesive side of the strip into the curved surface of the round post black plate.
9. Remove the red cover film from the adhesive strip and press the transmitter assembly onto the round post taking care to have the front of the transmitter parallel to the glass panel of the pool gate (figure 18)

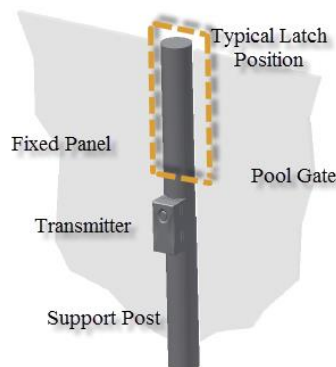


Figure 18

10. Remove the yellow cover film from the smaller double-sided adhesive strip and press the adhesive side of the strip firmly onto the underside (the square edged side) of the offset magnet.
11. Remove the red cover film from the adhesive strip and press the offset magnet onto the glass of the pool gate opposite the transmitter assembly and with the edge of the offset magnet nearest the transmitter assembly flush with the edge of the pool gate glass (figure 8).



Figure 19

Test the system

12. Turn the system on either by pressing the reset button on top of the receiver module, or pressing key 1 on the remote control.
 13. Open the gate. The alarm should sound. Close the gate and turn off the alarm.
 14. Reach over the closed gate and press and hold the green adult pass button on the transmitter assembly until it emits a beep. Open and pass through the gate. The adult pass allows for a 10 second alarm suppression. Leaving the gate open for longer than 10 seconds will trigger the alarm.
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INSTALLATION D - Screwed attachment to steel or timber

1. Take the transmitter unit with the pre-assembled flat back plate and pull the insulation strip out of the unit to activate the transmitter battery (figure 20).

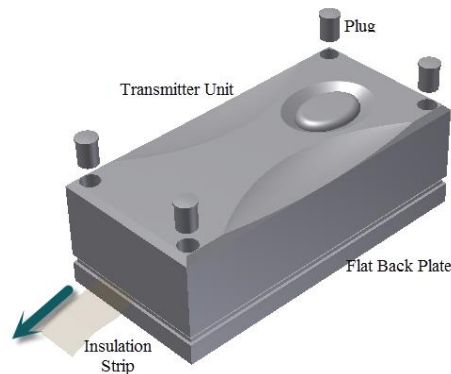


Figure 20

Note: with the battery active, you may hear the warning "door open" and an audible alarm from the receiver module. Cancel the warning and alarm, either by pressing the reset button on the receiver module or number 1 key on the remote control. (see receiver module operation below).

2. Unscrew the four screws holding the flat back plate to the transmitter unit using the screw driver provided and remove the flat back plate from the assembly. Re-assemble the transmitter unit to the screw tab back plate (figure 21).

Tighten the four screws of the transmitter unit evenly and firmly to ensure water proof seal with the screw tab back plate. There should be no remaining gap between the body of the transmitter and the screw tab back plate.

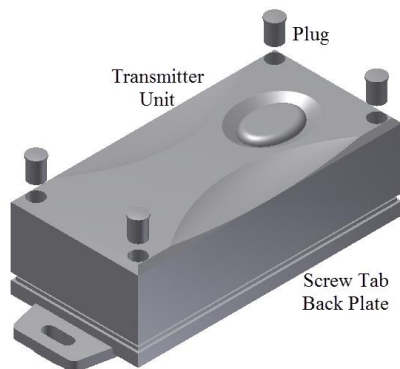


Figure 21

3. Insert a plug into each of the screw holes of the transmitter unit

Prepare the screw tab magnet

4. Take the magnet and prise open the magnet casing with the screw driver to reveal the magnet as shown in figure 22 and remove the magnet.

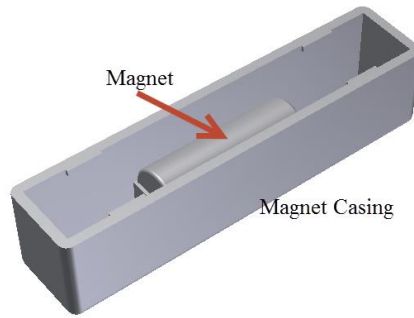


Figure 22

5. Similarly open the screw tab magnet casing and place the magnet in the casing. Replace the casing cover to complete the screw tab magnet as shown in figure 23.



Figure 23

At the pool gate, test the transmitter assembly

6. Bring the screw tab magnet close to the transmitter assembly (within 30mm). Then separate to at least 80mm. This should trigger the voice announcement "gate open" and the alarm at the receiver module. Turn off the alarm either by pressing the reset button on the receiver module or the number 1 key on the remote control. If there is no response from the receiver module it may be out of range. Relocate the receiver module closer to the pool gate.

Install the transmitter assembly

7. Position the transmitter assembly against the pool facing surface of the gate post below the level of any existing child proof latch, and with the side of the transmitter assembly nearest the gate flush with the gate facing side of the gate post as shown in figure 24. Mark the screw hole positions through the screw tabs. Drill screw holes to suit the self-tapping screws provided and secure the transmitter assembly to the gate post.

8. Position the screw tab magnet on the pool facing surface of the gate frame adjacent the transmitter assembly and with the side of the screw tab magnet nearest the gate post flush with the gate post facing side of the gate frame as shown in figure 24. Mark and drill screw holes for the screw tab magnet and secure the screw tab magnet to the gate frame.

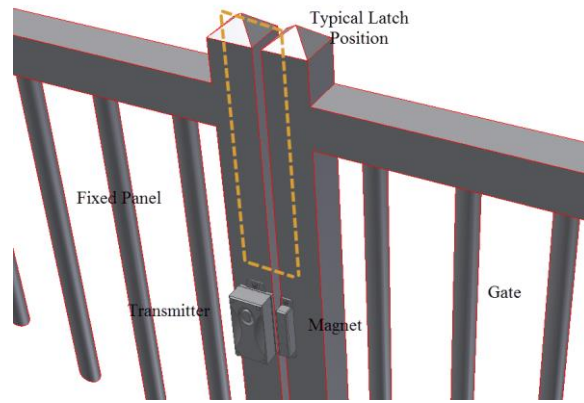


Figure 24

Test the system

9. Turn the system on either by pressing the reset button on top of the receiver module, or pressing key 1 on the remote control.
 10. Open the gate. The alarm should sound. Close the gate and turn off the alarm.
 11. Reach over the closed gate and press and hold the green adult pass button on the transmitter assembly until it emits a beep. Open and pass through the gate. The adult pass allows for a 10 second alarm suppression. Leaving the gate open for longer than 10 seconds will trigger the alarm.
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Alarm System Operation

Alarm

- To adjust the alarm volume, press the volume control button inside the receiver module to increase or decrease the volume.
- To turn off the alarm, press the red reset button on the top of the receiver module or press the number 1 key on the remote.
- The alarm will automatically stop after 2 minutes, unless turned off before as above.

System on and off

- To turn the system off, press and hold the reset button for 10 seconds, or press the number 2 key on your remote.
- To turn the system back on, press the reset button again, or press number 2 key on your remote.

Add additional transmitters to the system

- Gateminder® can be used for multiple pool gates (up to 10 gates). To add an additional transmitter you need to induct a new combined transmitter and magnet into the system. Additional transmitters and magnets are available from DFM Security Technology's distributors
- Press prog button inside the receiver module until the display shows “learn...”. Within 5 seconds, place the new transmitter and magnet together and then quickly separate them (at least 8cm apart). The transmitter will send a signal to the receiver module. The display shows “learn succeed” and the new transmitter and magnet can now be installed at a pool gate.

Delete transmitters from the system

- Press and hold the prog button for 5 seconds until the receiver module display shows “clear all...”. All transmitters and remotes have then been deleted from the system

Voice announcement on and off

- To turn off voice announcements, press and hold the reset button for 3 seconds until the receiver module emits a beep.
- To turn voice announcements back on, press the reset button.

Battery & communication fail reporting

The transmitter will report a fault of low battery or communication fail to the receiver module when either of these occurs. The receiver module will announce “low battery” and “communication fail” every minute until the fault is rectified.

Connecting your home alarm panel

The receiver module has two relay outputs for alarm panel connection. Relay output 1 is used to report an alarm and relay output 2 reports low battery/communication fail.

Disable the green adult pass button on the transmitter

To disable the green adult pass button, please set the jumper, which is located on the transmitter PCB board, into OFF position. In this case, when a gate is opened, the alarm goes off immediately even if the green adult pass button has been pressed before the gate is pushed open.

Remote function

You can use the Activor remote provided to turn the alarm off, turn the system on/off or generate a panic alarm.



Key1 = turn system on, or turn off the alarm

Key2 = turn system off

Press and hold both key1 and key2 for 2 seconds = Panic

Replacing the battery in the Transmitter Assembly

1. Carefully prise the Plugs from the screw holes of the Transmitter using the screw driver.
2. Loosen the four screws until the Transmitter can be prised off the Back Plate, taking care not to disturb the Back Plate.
3. Remove the dead battery and replace with a fresh 3.6V 1/2AA/ER14250 battery, negative end to the spring.
4. Re-assemble the Transmitter to the Base Plate and re-insert the Plugs in the screw holes.

Replacing the battery in the Activor Remote Control

1. Remove the two screws from the underside of the Remote Control
2. Prise off the top cover (black plastic above chrome centre)
3. Lift out the circuit board to expose the twin batteries attached underneath
4. Slide the dead batteries out of their holders and insert fresh CR2032 batteries, positive side up.
5. Replace the circuit board, the cover and the securing screws.

Features:

- Completely wireless... there is no cabling at all, so easy to install and maintain.
- Really loud [up to 100dB]... you won't miss it, even with a loud lawn mower or washing machine in the background.
- Adjustable volume to suit different sized homes... for ultimate comfort; it can be exactly as loud as you need it.
- Voice warning and status announcement... announcing whether a pool gate is open or closed, with warnings about low battery and communication fail.
- The transmitter is fully water proof and designed to survive the Australian summer... and if something can survive the Australian summer, likely it can survive anywhere.
- Fully remote controlled... so you can turn the system on and off by the provided remote control, from anywhere in the home.
- Can be installed on wood, steel or glass gates... so whatever gate design you've chosen, Gateminder® will work for you.
- Wide wireless range of 150m in the open air... more than enough to comfortably cover the vast majority of homes.
- Adult Pass button... which allows adults convenient access without initiating the alarm.
- Two relay outputs... giving great flexibility to connect other control devices, like alarm panels.