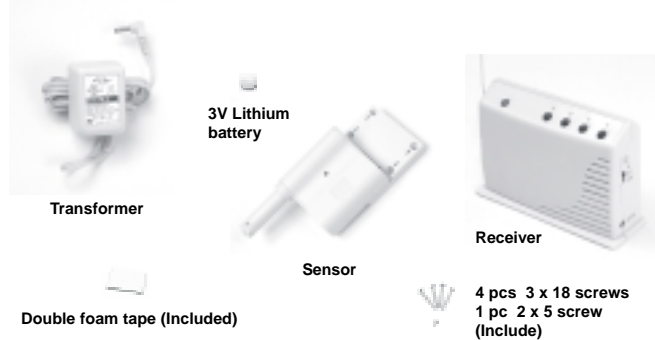# Garage Door Monitor — Model GM-318

1. INTRODUCTION

The garage door monitor is designed to monitor the status of your garage door and advise you if the door is open. By placing the sensor on the door panel, you will be alerted when the door is open. When the door is open, the sensor will be triggered and transmit a wireless signal to the receiver inside your house. It will then emit a beeping audio signal and the LED indicator will flash.

Please follow the instructions below to set up your garage door monitor properly.

In this package, you should find a sensor, a receiver, a transformer, 3V lithium battery, user's manual, and double foam tape accessories.

3V Lithium battery

Transformer

Sensor

Receiver

Double foam tape (Included)

4 pcs 3 x 18 screws
1 pc 2 x 5 screw
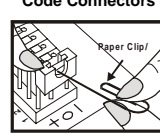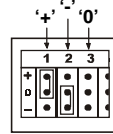(Include)

2. SET UP THE SENSOR AND RECEIVER

1. CODE CONNECTORS

In order for the sensor to communicate with the receiver properly, the sensor transmission code must match with the receiver's code. The code setting on the sensor is determined by the code connectors. Code connectors 1 to 6 can be found by opening the battery cover on the sensor and by opening the back cover on the receiver. Note: Before opening the battery cover, it is necessary to remove the transparent protective cover. User is required to set these code connectors randomly and the code settings on the sensor and receiver must be the same. Each position of the code connector can be set to "+", "-' or "0" positions. Refer to the diagram below to set the code connectors properly. If the connector is placed on the top and middle posts, that column is set on " + ". If the connector is placed on the middle and bottom posts, that column is set on " - ". If the connector is removed completely, (not placed on any posts), it is set to " 0 ". (see diagram for examples of how to set a column to the three different positions).

'+' '-' '0'

| | 1 | 2 | 3 |

Code Connectors on Sensor

Code Connectors on Receiver

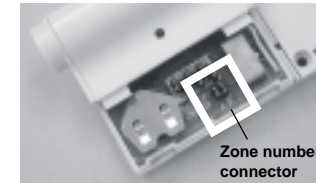*Note: A connector can be removed with a removing tool, as shown.*

Note: If you experience interference from a nearby system, which could accidentally trigger your system, please change the code settings on the sensor and receiver. The code setting on the sensor and receiver should still match after changing the code setting.

2. ZONE NUMBER

Each receiver can work with up to 4 different sensors (to represent 4 different zones on the receiver), there are 2 connectors that determine the zone number 1, 2, 3, or 4. These 2 connectors can be found by opening the battery cover. Please follow the chart below to set the zone number. If the sensor is set to zone number 1, then the receiver zone 1 signal will correspond to this sensor.

Zone number connector

	A	B
Zone 1	+	+
Zone 2	+	-
Zone 3	-	+
Zone 4	-	-

"-" on the chart means the connector for that position should be removed. "+" on the chart means the connector for that position should be placed on the posts.
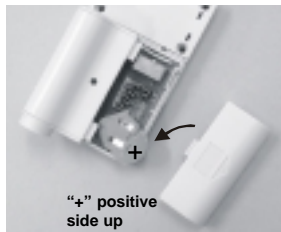
3. POWER UP THE SENSOR AND RECEIVER

After setting up all the connectors, both units are ready to be powered up.

Plug in the transformer to the receiver, the green LED will start flashing indicating the receiver unit is powered up but no sensor is detected. Remove the battery cover on the sensor and insert the 3V lithium battery to the sensor as shown in the figure.

Plug in transformer to the receiver

"+" positive side up

Insert 3V battery to the sensor

The LED on the sensor will flash 8 times to indicate the unit is properly powered and there is signal transmission to the receiver. The receiver will respond to the transmitted signal depending on the orientation of the sensor. Make sure to put the transparent protective cover pack in place after setting up.

If the detection rod on the sensor is fully extended, one of the red LED on the receiver will flash, and the buzzer will also emit beeping to indicate a door is open. If the detection rod is inside the sensor, the green LED on the receiver will glow steadily, indicating the sensor is in a closed position.

Detection rod is inside the sensor

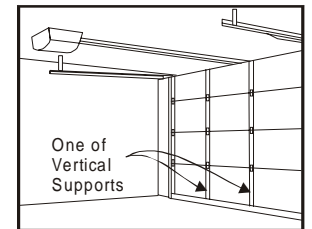**Detection rod is fully extended**

You can change the orientation of the sensor and you should see the change in response of the receiver. If the sensor and receiver are working properly in close proximity, you can now begin to install the sensor onto your garage door.

Note: Ensure you straighten up the antenna on the receiver to receive the best possible reception.
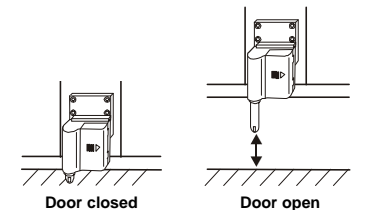
4. INSTALLATION OF THE SENSOR ON YOUR GARAGE DOOR

Step 1 – Selecting a spot on your garage door to mount the sensor assembly

Before you install the sensor assembly onto the garage door, make sure the garage door is closed. The sensor assembly should be mounted on one of the vertical supports of your garage door near the bottom.

One of Vertical Supports

The sensor is designed to be mounted on the bottom panel of your garage door, so when the door is closed, the detection rod should be inserted inside the sensor. When the door is open, the detection rod will be extended.

Door closed

Door open

5. OPERATION

After the sensor is installed in place, and receiver is powered up, you may test the operation of both units. Open the garage door and notice the LED flashing on the receiver. If the transmitter is programmed to zone 1, zone 1 LED should flash and the buzzer will emit a single beep continuously. After the door is closed, both the red LED and buzzer will be off, the green LED will glow steadily.

If the sensor is programmed to zone 4, zone 4 red LED will flash, and the receiver will emit a continuous "4 beeps", i.e. "beep beep beep beep" pause "beep beep beep beep" pause ......etc.

If you have more than one garage door sensor, the operation will be similar. If 2 sensors are triggered at the same time, both red LED representing 2 zones will flash together, and the buzzer will sound for 2 zones, i.e. if zone 1 and zone 4 are activated, the buzzer will sound: "beep' pause, "beep beep beep beep", pause, "beep", pause, "beep beep beep beep" etc.

6. BUZZER VOLUME

You can select the buzzer volume by switching the volume switch to "HI" or "LO" position.
The buzzer can be also disabled by switching off the power of the buzzer, which can disable the buzzer from sounding.

7. MUTE

Instead of disabling the buzzer, you can also mute certain zones from sounding when that zone is activated. This is useful when one of the garage door sensors is known to be in an open position but would like to temporary disable the buzzer for that zone only. For instance, if you are working on your lawn with the garage door open, you may want to disable the buzzer for this garage door only. Then you can press the "Mute" button after it starts to sound. If any other garage door sensor is triggered at this time, the receiver will sound again for that specific door. When the mute button is pressed, it will only temporary disable the buzzer sounding from that specific zone, if another door is triggered, the buzzer will still sound.

NOTE

If you would like to order Skylink's product or have difficulty getting your Skylink's Garage Door Monitor to work, please :
1. visit our website FAQ at www.skylinkhome.com, or
2. email us at support@skylinkhome.com (reply within 24 hrs), or
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST.