Garage Door Monitor™ Sensor

Model GM-318T

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 garage door is open, receiver will beep and flash.

In this package, you should find a Garage Door Monitor™ sensor, 3V lithium battery, double-sided foam tape mounting screws and a clip.

3V Lithium battery

Garage Door Monitor™ Sensor

Double-sided foam tape

Clip

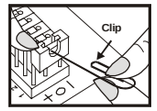
4 pcs 3 x 18 screws
1 pc 2 x 5 screw

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

2. SET UP THE GARAGE DOOR MONITOR™ SENSOR

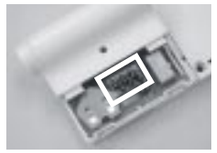
1. CODE CONNECTORS

In order for the sensor to communicate with the receiver properly, the sensor's code must match with the receiver's code. Code connectors 1 to 6 can be found by opening the battery cover of the sensor. Note: Before opening the battery cover, it is necessary to remove the transparent protective cover. Keep it for future use. 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" position. 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).

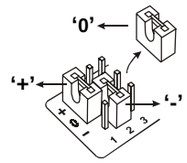


Note: A connector can be removed with the clip, as shown.

Remove transparent protective cover



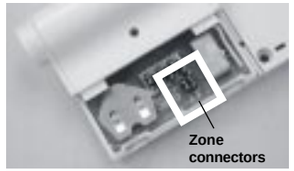
Code Connectors on Sensor



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 CONNECTORS

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 connectors

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

Table 1

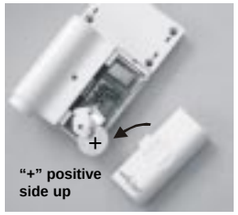
"-" on the table means the connector for that position should be removed.
"+" on the table means the connector for that position should be placed on the posts.

3. POWER UP THE GARAGE DOOR MONITOR™ SENSOR

After setting up all the connectors, the sensor is ready to be powered up.

Remove the battery cover on the sensor and insert the 3V lithium battery to the sensor as shown in the diagram.

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 back in place after inserting the battery.



"+" positive side up

Insert 3V battery to the sensor

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.

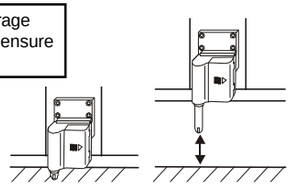
You can change the orientation of the sensor and you should see the change in response of the receiver. If the sensor and receiver are working properly in close proximity, you can now begin to install the sensor onto your garage door.

Detection rod is fully retracted

Detection rod is fully extended

4. INSTALLATION

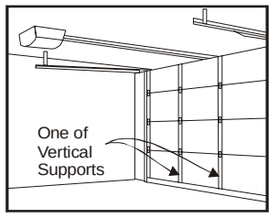
WARNING Unplug the power cord of your garage door opener before installation to ensure power is not connected.



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

Before you install the sensor 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.

When the door is closed, the detection rod should be retracted. When the door is open, the detection rod will be extended.



Step 2 – Mount the sensor onto your garage door

You can mount the sensor onto your garage door with double-sided foam tape if the surface of your garage door is smooth and clean enough to provide a good adhesive surface, such surface can usually be found on a metal garage door. Please ensure the surface is smooth and clean. **Important: The bottom of the sensor should be 1/2 inch above the ground.** (Refer to Diagram A)

For wooden garage doors, it is recommended to mount the sensor with screws onto the garage door with 3 x 18 screws provided.

Note:
When the garage door is opening / closing, make sure the sensor does not interfere with the safety reversing sensor or safety beam sensor supplied with your existing garage door opener.

Note: Ensure you straighten up the antenna on the receiver to receive the best possible reception.

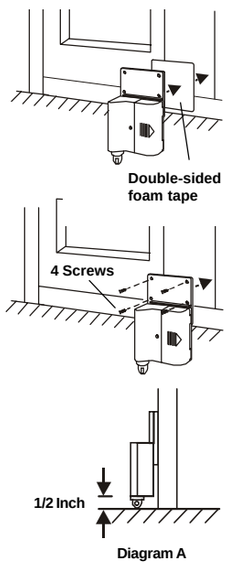


Diagram A

5. OPERATION

When the garage door is open, the sensor will send a signal to the receiver. It will beep and the corresponding zone red LED will flash.

If the sensor is set to zone 1, zone 1 red LED on the receiver will flash, and the receiver will emit a continuous “single beep”, i.e. “beep” pause, “beep”, pause….. etc.

If the sensor is set 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.

By the number of beeps emitted by the receiver, user can identify which zone is triggered.

6. LOSS OF SIGNAL INDICATION

When the battery level on the sensor drops to a certain level, or the sensor is out of the operating range, the receiver will show a “loss of signal” indication. The red LED representing that zone will flash rapidly, i.e. if zone 1 sensor is lost, the zone 1 red LED will flash rapidly.

When the loss of signal indication occurs, move the receiver closer to the corresponding sensor and trigger that sensor. If the red LED stops flashing rapidly, that means the receiver or sensor needs to be relocated. If the “loss of signal” indication persists, replace the battery of that sensor.

7. OTHER HOUSEHOLD ALERT™ SENSORS

The Houselink® receiver can work with up to 4 different sensors: garage door monitor sensors, door / window sensors, water sensors, indoor/ outdoor motion sensors, etc. Please visit www.skylinkhome.com or contact us at support@skylinkhome.com for more information of how to fully utilize your Garage Door Monitor™.

8. FCC

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 undesired operation.

WARNING:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

9. WARNING

To prevent possible SERIOUS INJURY or DEATH from a closing garage door:
- Activate door ONLY when it can be seen clearly, is properly adjusted, and there are no obstructions to door travel.
- ALWAYS keep garage door in sight until completely closed. NEVER permit anyone to cross path of closing garage door.

10. WARRANTY

If, within one year from date of purchase, this product should become defective (except battery), due to faulty workmanship or materials, it will be repaired or replaced, without charge. Proof of purchase and a Return Authorization are required.

11. CUSTOMER SERVICE

If you would like to order Skylink’s products or have difficulty getting them to work, please :
1. visit our FAQ website 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.

CUSTOMER SERVICE
Email:support@skylinkhome.com (Reply within 24 hrs)
http://www.skylinkhome.com
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US Patent 6,597,291