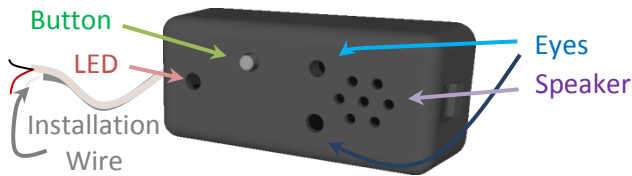


INSTALLATION (Continued)

INTRODUCTION

Black Devices LLC's (blackdevices.com) Garage Guardian closes the garage if you forget. It uses a programmable timer and "eyes" to see and time how long your door is left open, and closes it after the time expires. Features include:

- Extended warning beeps prior to closing
- Programmable timer at 1 minute intervals (can be disabled)
- Programmable via your existing wall button
- Low battery warning (battery model only)
- Retains programming across battery/power outages

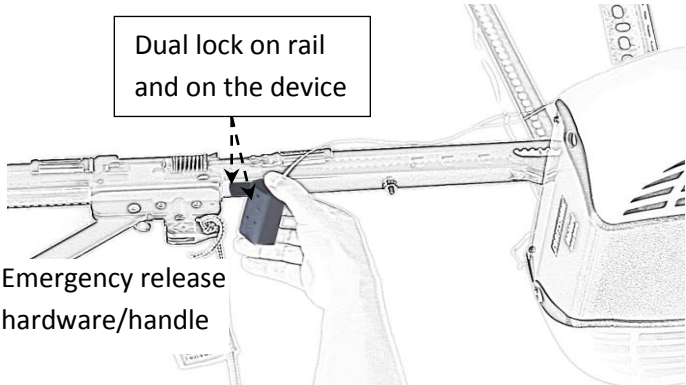


cover to access the terminals. **Refer to the garage door opener manual if needed.** Garage Guardian connects to the same opener terminals that the wall button connects to.

- b) Test polarity by touching Garage Guardian wires to the terminals. If polarity is reversed, as long as the wires remain connected, the device's red LED will illuminate, the device may beep continuously, and the garage opener may also operate so be prepared and cautious. If polarity is correct, the red LED will not stay on continuously.
- c) Disconnect existing wall-button wires at opener. Using correct polarity as determined in step 2b, twist Garage Guardian wires with each of the existing wall-button wires and re-connect wall button wires to opener. (Garage Guardian may beep while re-connection is made).

3. Position and attach Garage Guardian:

- a) Open garage door all the way. With the door open, select a location to mount the device with the "eyes" of the device close to (about 1") and facing the garage door/hardware. Ensure the device is able to "see" the door open by holding the device in position and watching for a flashing LED. After 3 consecutive flashes, the device beeps a few times to confirm that it sees the door open. The LED only flashes when something is immediately in front of it. The part it sees should only be there with the door open. Sticking reflective tape (included) on the door/hardware may help.
- b) Clean rail with isopropyl wipe at mounting location. Make sure the rail is dry prior to applying the dual lock strip. Secure the device at the location by applying the supplied dual lock strips on both the device and on the rail.



Note: Recommended placement is underneath the central chain guide rail; between the top of the garage door and the garage door opener with the "eyes" of the device pointing toward the emergency release hardware (shown in the figure above). Do not unplug the opener during installation.

⚠ WARNING

FOR YOUR SAFETY – This product operates your door autonomously. Before installing this product, ensure that your garage door is equipped with an external entrapment protection device, such as an "electric eye" which "sees" an object obstructing the door without having actual contact with the object. Do NOT install this product if your garage door is not equipped with the auto reverse mechanism. To prevent possible SERIOUS INJURY or DEATH, REPLACE YOUR GARAGE OPENER IF IT IS NOT EQUIPPED WITH THE AUTO-REVERSE MECHANISM.

INSTALLATION

Watch installation guide video on blackdevices.com or <https://www.youtube.com/watch?v=IxcIT6YWCAI>

- 1. Provide power to the device:**
 - a) Battery Model: Pull lid off and install 2 AAA batteries. Replace lid.
 - b) Wall Powered: Plug USB power cable in power adapter and plug power adapter in electrical outlet
- 2. Connect the wires from the device to the opener:**
 - a) **Be prepared for opener to operate unexpectedly!** First, locate terminals on the garage-door-opener which connect to the wall-button or console. You may have to remove a



- 4. **Stick label on wall next to wall button. Use wall button to program the device for the desired delay. Verify that door closes after set time (see OPERATION).**

OPERATION

Note: Changing the operation of the device is done with the button on the device. It can also be done with your wall button if the device has been properly installed and connected to your garage door opener. (The opener can make noise if you use the wall button. Try pushing it twice—the second push may quiet it).



OR



Programming the Timer

To change the time, hold the button down for one second (until you hear a beep). You are now in programming mode. Any subsequent beep represents an additional minute the door is to remain open (99 minutes max – battery version, wall-powered is unlimited).

For example, to program the device for 10 minutes:

- 1) Hold the button down for about two to three seconds until you hear a beep.
- 2) Continue holding down the button until you count 10 more beeps (1 beep for each minute).
- 3) Release the button. The device will play a tune representing that it has just been programmed and is now enabled.

Note: Programming the timer automatically enables the device.

Note: Low battery warning is a quick 3-beep chirp and repeats several times per minute.

Disabling/Enabling the Timer

Disabling the timer is useful if you want the door to remain open indefinitely. It is easy to disable the timer and enable it again. To toggle between *enabled* and *disabled* modes:

- 1) **Hold the button down until you hear a single beep.**
- 2) **Release the button.**
- 3) **Listen for the tune being played.**

Device Enabled: A scale increasing in pitch played, first slowly and then fast.

Device Disabled: A scale decreasing in pitch played at a fast rate, followed by the same scale played at a slower rate.

Note: If you hold the button down too long and hear a second (or more) beeps, you are programming the timer delay (see Programming the Timer). Make sure you set the desired delay.

WARNING

To prevent possible SERIOUS INJURY or DEATH, operate the door ONLY under supervision. Do not allow any objects or persons to cross or obstruct the path of travel of the door in motion.

ONE (1) YEAR LIMITED WARRANTY

A Garage Guardian device manufactured by Black Devices LLC is warranted against defects in material and workmanship to the original owner according to the following stipulations.

1. Parts which prove defective within 90 days from the date of purchase, Black Devices LLC will pay for the replacement product and standard shipping fees to and from the Black Devices LLC manufacturing plant or some other location which Black Devices LLC might designate. Warranty shipping procedures only apply in the continental USA.
2. Parts which prove defective after 90 days but before 12 months from the date of purchase will also be repaired or replaced free of charge, but there may be a shipping charge to Black Devices LLC manufacturing plant or some other place which Black Devices LLC might designate.

THE WARRANTY CONTAINED HEREIN IS THE EXCLUSIVE WARRANTY MADE BY Black Devices LLC AND THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Black Devices LLC IS NOT LIABLE FOR ANY INJURY OR MISHAPS SUSTAINED IN THE USE OF THIS PRODUCT. THE USER OF THIS PRODUCT ACKNOWLEDGES ASSUMED RISKS AND WAIVES ANY AND ALL CLAIMS AGAINST Black Devices LLC AND ANY OF IT'S AGENTS.

This warranty applies under conditions of normal use. The warranty does not cover:

1. defects caused by improper installation, assembly or disassembly;
2. defects occurring after purchase due to product modification, intentional damage, accident, misuse, abuse, negligence or exposure to corrosive elements;
3. cosmetic damage or
4. labor or assembly costs.

Except as provided herein, Black Devices LLC shall have no liability or responsibility to the purchaser or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused directly or indirectly by use of the product, including, but not limited to, any incidental or consequential damages.

3/15/16