



Garage Door Controller

Installation Instructions

Product Description

The Garage Door Controller (GDC) is designed to work with your existing garage door opener. The GDC will give you remote access to open and close your garage door when used with Digital Life Service. A garage door opener connected to the GDC can be remotely activated using the Digital Life Web interface or via mobile devices that communicate with the system.

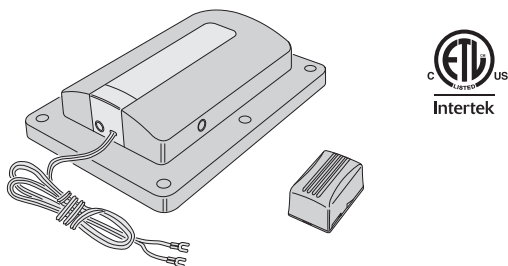


Figure 1. Garage Door Controller and Garage Door Sensor

The GDC connects to the garage door opener's pushbutton terminals and communicates with the Digital Life Control Panel (DLC) using 915 MHz radio signals. A wireless garage door sensor mounts on the garage door and reports the door's position to the GDC. When the GDC receives a command from the DLC, the GDC will open or close the garage door.

Anytime the garage door opener is activated remotely via the Digital Life System, a warning indicator flashes and a beeper sounds for five seconds before the door begins to move.

If, due to an obstruction or other cause, the door does not completely open or close when it is activated remotely, the GDC will pause for 30 seconds. After the delay, a second remote activation can be attempted. If the door does not complete its motion on the second attempt, the GDC will lock-out and suspend operation. The GDC will report the lock-out condition to the DLC.

Once the garage door is operated by a garage door remote or locally by pushing the opener's wall station button, the DLC will be reset to allow remote access.

The GDC is powered by a plug-in power supply. The garage door sensor is powered by a 2032 lithium battery. If the garage door sensor battery is low, or the case has been opened, it will be reported to the DLC by the GDC.

A discovery button and status light are provided on the GDC for adding or removing the device with the DLC.

Four screws and anchors are provided for mounting the GDC. An adjustable GDC mounting bracket with hardware is supplied for installing the unit onto the door opener's hanging hardware. The wireless garage door sensor mounts with the two screws supplied.

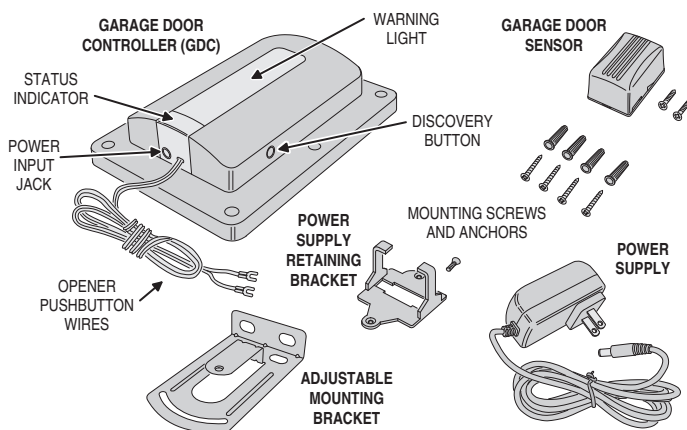


Figure 2. Product Features

⚠ WARNING ⚠

This operator system is equipped with an unattended operation feature. This door could move unexpectedly. NO ONE SHOULD CROSS THE PATH OF A MOVING DOOR!

⚠ WARNING ⚠

This system can be installed on sectional type (roll up) doors only (per UL-325).

⚠ WARNING ⚠

The GDC must be mounted in the garage, in sight of the garage door, where the visual and audible movement warning indicators can be clearly seen and heard.

⚠ WARNING ⚠

GDC is to be installed only on garage door openers manufactured after 1992 (models with an operational safety beam entrapment protection system, per UL-325).

Discovering and Registering the GDC

1. Place the Digital Life Control Panel into Discovery Mode.
2. Plug the GDC power supply into a 115 VAC outlet.
3. Put the GDC into discovery mode by pressing the Discovery Button.
4. Confirm that the GDC has been discovered.

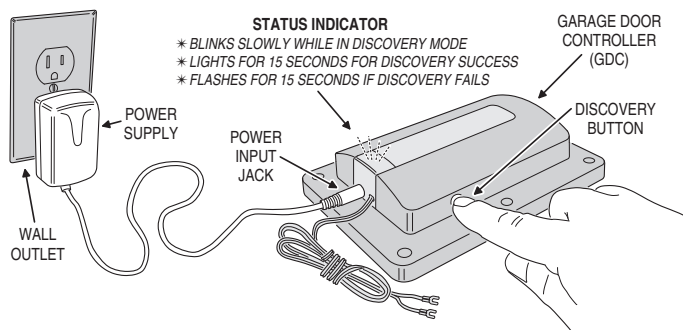
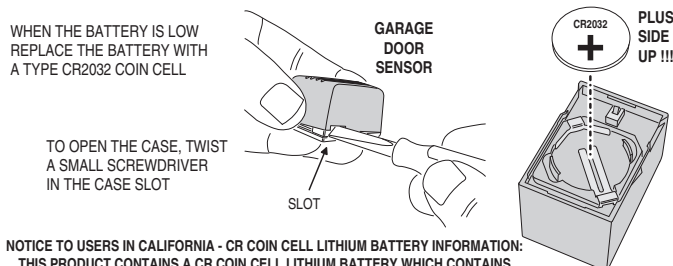


Figure 3. Discovering the GDC

Garage Door Sensor Battery

To activate the garage door sensor, remove the battery protection pull strip.

When the system indicates the garage door sensor battery is low, open the garage door sensor case as shown and replace the old 2032 battery with a new one. Install the battery, plus side up.



KEEP AWAY FROM SMALL CHILDREN. IF BATTERY IS SWALLOWED, PROMPTLY SEE A DOCTOR. DO NOT TRY TO RECHARGE THIS BATTERY. DISPOSAL OF USED BATTERIES MUST BE MADE IN ACCORDANCE WITH THE WASTE RECOVERY AND RECYCLING REGULATIONS IN YOUR AREA.

Figure 4. Garage Door Sensor Battery



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Garage Door Sensor Installation

The garage door sensor installs on the top panel of the garage door.

1. Use the garage door sensor mounting plate as a guide to mark the mounting holes.
2. Drill two 1/16" pilot holes if necessary.
3. Attach the mounting plate with the two screws provided. **Be sure the post on the mounting plate is on the bottom.**
4. Snap the garage door sensor onto the mounting plate. **Be sure the arrow on the side of the garage door sensor case is up.**

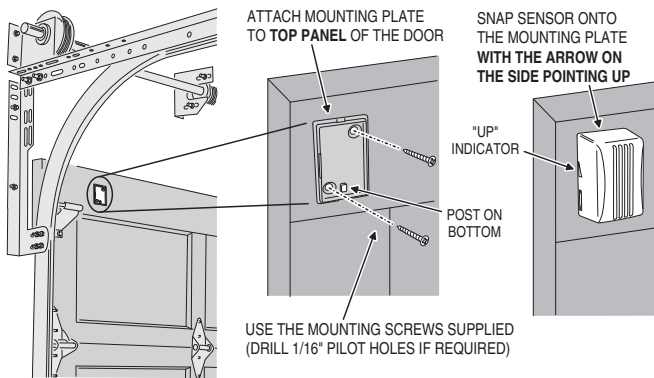


Figure 5. Garage Door Sensor Installation

GDC Installation

The GDC typically mounts on the ceiling near the garage door opener and power outlet. Alternately, the GDC can be mounted to other structures with the adjustable mounting bracket supplied (shown in Figure 2).

✓ **NOTE: The GDC's warning lamp must be visible in all door positions.** Use the four screws and anchors to mount the GDC. -OR- Use the adjustable mounting bracket to mount the GDC.

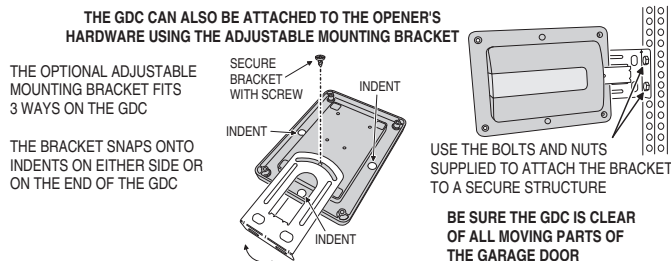
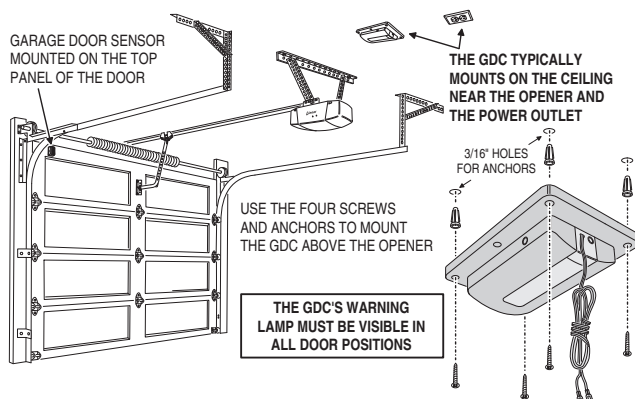


Figure 6. GDC Installation

GDC Connections

The GDC connects to the opener's pushbutton terminals.

✓ **NOTE: Do not disconnect any wires currently connected to the garage door opener.**

1. Connect the GDC wires to the pushbutton terminals on the garage door opener. Either wire can connect to either terminal.
2. Remove the power outlet wall plate's center screw (or one end screw on the decorator style wall plate). Align the power supply retaining bracket with the wall plate so one of the holes in the bracket aligns with a screw hole in the wall plate (be sure the clamps of the bracket are centered over one plug and the other plug is clear). Attach the bracket and wall plate to the outlet using the flat head machine screw provided with the bracket.
3. Plug the power supply into the 115 VAC power outlet by snapping it into the retaining bracket.

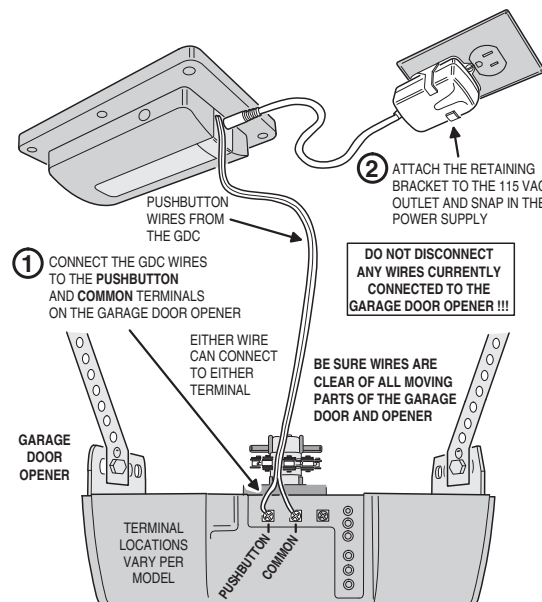


Figure 7. GDC Connections

Specifications—GDC

- **Model:** SW-ATT-GDC
- **Compatible panels:** DLC-100 Digital Life Control Panel
- **Operating Temperature:** -31° to 158° F (-35° to 70° C)
- **Operating Rel. Humidity:** 5 to 95%, non-condensing
- **Garage Door Sensor Operating Frequency:** 433.92 MHz
- **GDC Operating Frequency:** 915 MHz

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Les changements ou modifications non approuvés expressément par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à faire fonctionner l'équipement.

This device complies with FCC Rules and Regulations as Part 15 devices as well as Industry Canada license exempt RSS Rules and Regulations. Operation is subject to the following two (2) conditions: This device may not cause harmful interference. This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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