



# 4 Button Keyfob 868 GEN2 Installation Instructions

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## Introduction

This is the *GE 4 Button Keyfob 868 GEN2 Installation Instructions* for models TX-4131-03-2 and RF4131-03-2. The keyfobs are alkaline battery-powered, wireless touchpads that control system arming, disarming, panic alarm, and light functions. Strongly encrypted signal transmissions provide high security to help prevent signal copying.

## Programming

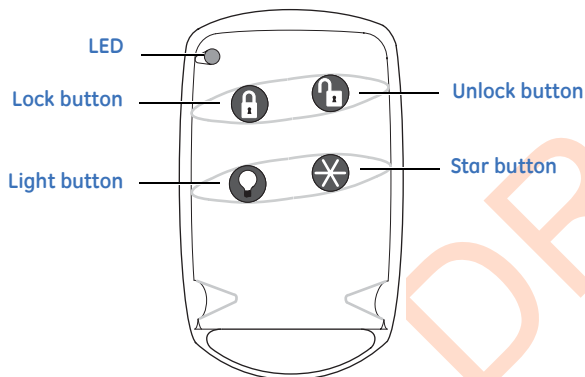
Use the following guidelines to add keyfobs to the system:

- The keyfob must be added (learned) into unsupervised sensor groups (01, 03, 06, or 07).
- The learning process involves a unique sequence of **Unlock** button (*Figure 1*) activations as follows:

**Quick press.** Press and release before the keyfob LED light flashes.

**Press and hold.** Wait for appropriate number of keyfob LED flashes before releasing the button (about two to three seconds between light flashes).

Figure 1. Keyfob buttons



To program the keyfob, do the following:

1. Make sure the system is disarmed.
2. Put the control panel/receiver into program mode (refer to specific panel/receiver installation instructions).
3. Proceed to the *Learn/Add Sensors/Touchpads* menu.
4. When prompted by the panel to trip the sensor, press the **Unlock** button on the keyfob as follows:
  - a. Two quick presses, then a third press and hold until the keyfob LED flashes three times every three seconds. Immediately release the **Unlock** button after the third flash.



- b. One quick press, then a second press and hold until the keyfob LED flashes two times every three seconds. Immediately release the **Unlock** button after the second flash.



- c. A single press and hold until the touchpad LED flashes one time, then immediately release the **Unlock** button.



**Note:** If the keyfob LED flashes two times quickly anytime during this step you must stop and restart the programming sequence from step a onward.

5. Exit from program mode.

## Testing

Test the keyfob by pressing the keyfob buttons (*Figure 1*):

**Arming.** Press the **Lock** button to arm the system.

**Disarming.** Press the **Unlock** button once.

The other buttons are programmed through panel functions. Please refer to your panel documentation for programming instructions for these buttons.

## Battery replacement

To replace the keyfob battery, do the following:

1. Open the keyfob by removing the housing screw on the back with a screwdriver.
2. Remove the old battery and dispose of it as required by local laws.
3. Install a new 23A 12-V battery observing correct polarity.
4. Reassemble the keyfob.

## Clearing low battery in the panel

After you replace a battery, to clear the keyfob low battery indication from the panel, do the following:

1. Make sure the system is disarmed.
2. Put the control panel into sensor test mode.
3. Press and hold the **Lock** and **Unlock** buttons together until the keyfob LED flashes twice.
4. Exit from sensor test mode.

## Troubleshooting

*The keyfob does not learn into the panel.*

Make sure the keyfob LED does not flash quickly two times during the learning process.

*The panel does not respond to the keyfob.*

Check the panel memory to verify the panel learned the keyfob. Repeat the programming procedure if needed.

The keyfob may be out of synch with the panel (caused by 64 or more keyfob button activations out of panel receiving range). To resynch the keyfob and panel, put the panel in sensor test mode and press the **Lock** and **Unlock** buttons together.

## Specifications

|                         |   |
|-------------------------|---|
| Model number            | TX-4131-03-2, RF4131-03-2                         |
| RF frequency            | 868 MHz   |
| Compatibility           | GE Security 868 GEN2 control panels/<br>receivers |
| Battery type            | 12 V, 33 mAh alkaline                             |
| Recommended battery     | Eveready Energizer A23, E23A, or Duracell<br>MN21 |
| Estimated battery life  | 2 to 4 years at 20°C                              |
| Typical standby current | 0 µA  |
| Supervisory interval    | None  |
| Typical RF Output Power | 1.1 mW  |
| Operating temperature   | 32 to 120°F (0 to 49°C)                           |
| Storage temperature     | 14 to 140°F (-10 to 60°C)                         |
| Dimensions (L x W x D)  | 2.3 x 1.5 x 0.5 in. (58 x 37 x 13 mm)             |
| Relative humidity       | 0 to 95% noncondensing                            |
| Weight                  | 0.7 oz. (20 g)                                    |

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