

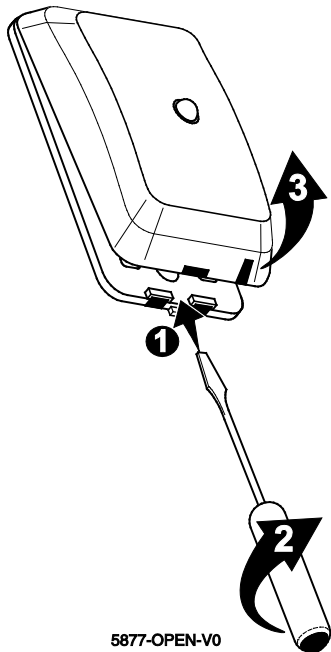
## 5877 Relay Receiver - Installation Instructions

### INTRODUCTION

The 5877 wireless relay module allows control of non-security system devices (such as a garage door opener) by using 5800 series wireless keys or directly from a compatible control panel.

The module's LED can provide control panel system status if enabled to do so.

### 1 OPEN

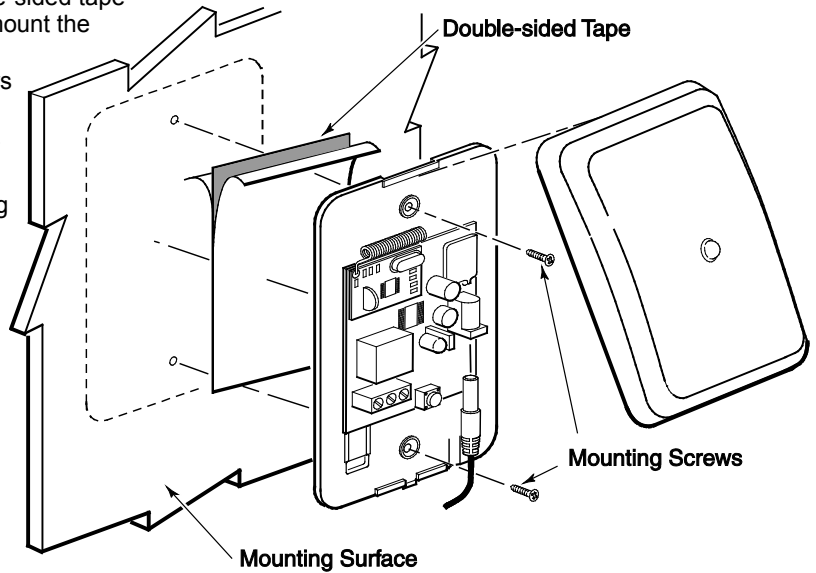


### 2 MOUNT

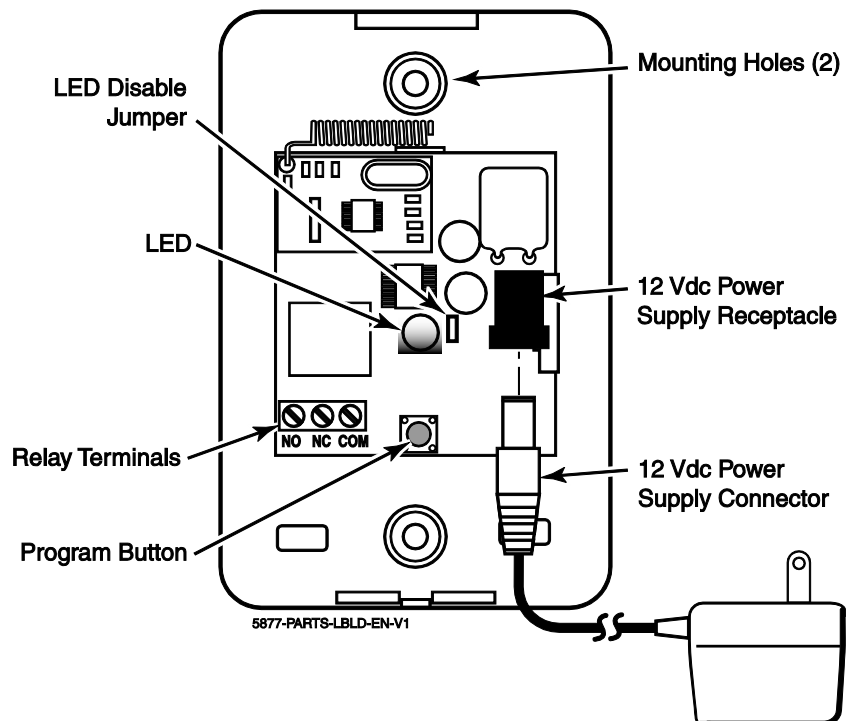
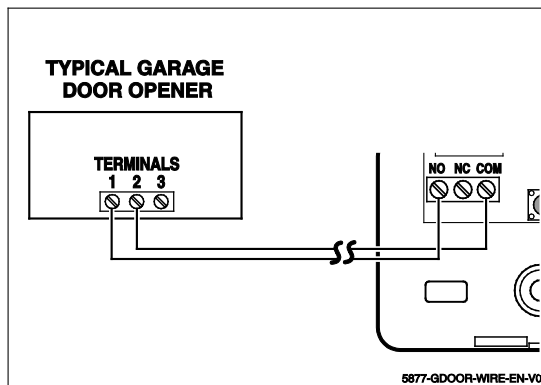
**IMPORTANT:** If the control panel needs to be enrolled into the module, enroll before mounting, and place the module near the control panel during the enrollment process. After enrollment, verify the relay's operation at its intended location before mounting it.

- Use the double-sided tape (supplied) to mount the module.
- Optional screws (supplied) are recommended.

**NOTE:** Mounting screws **must** be used in installations where temperatures can drop to 32° F (0° C) or below.



### 3 PLUG IN 12VDC TRANSFORMER



## 4 CONFIGURE THE 5877

### ENROLLING A CONTROL PANEL INTO THE MODULE

If the device connected to the module is intended to be controlled directly from a control panel, the control panel must be enrolled into the module using the module's serial number.

**IMPORTANT:** Enrollment of a control panel into the 5877 is available only with controls that support this feature (ex. LYNX Touch ver. 6.0 or higher).

To enroll the control panel into the module, refer to the panel's programming instructions. Enrolling typically includes these steps:

1. At the control, navigate to the appropriate serial number input prompt and manually enter the module's serial number (see the module's serial number label).
2. To confirm enrollment, press the "Learn" button and listen for the module's relay to "click."

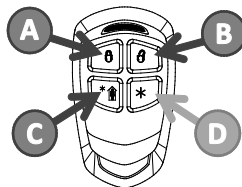
### ENROLLING WIRELESS KEYS INTO THE MODULE

**NOTE:** The 5877 supports both high security and regular mode. Wireless key LED blinks red when in high security mode. Wireless key LED blinks green when in regular mode.

To enroll high security mode start on step 1.

To enroll regular mode start on step 2.

1. Set wireless key to high security mode before enrolling in module (if desired): Press and hold A-B-C for 2 seconds.
2. Press (one second) and release the Program button on the 5877 module; the LED will start flashing GREEN.
3. To enroll it, press the Wireless Key button that will be used to trigger the relay and the LED will stop flashing GREEN. [Note: If no Wireless Key button is pushed, the "enroll" program mode times out after 2 minutes.]
4. Repeat the process for each Wireless Key button being used; up to 6 buttons total.
5. Test by pressing each Wireless Key button enrolled in the relay module; the relay module should click for each Wireless Key button press.



### TO DELETE ALL WIRELESS KEY BUTTONS

Press and continue to hold the Program button; the LED turns RED, then turns off, then RED again; release the Program button. This takes about 15 seconds.

### ENABLING THE STATUS LED (enrolling the control's RF House ID code into the module)

**NOTE:** The System Control Panel must be capable of transmitting system status [for example, a LYNX Touch, LYNX Plus, or a VISTA Panel with a compatible\* transceiver (see Specifications)]. Ensure the House ID is enabled in the panel programming.

1. Press (one second) and release the Program button; the LED will start flashing GREEN.
2. IMMEDIATELY press (one second) and release the Program button again. The LED will start flashing ORANGE.
3. Disarm or Arm the control panel. The LED stops flashing ORANGE and then shows the status of the control panel (see LED indications). [Note: If no House ID code is enrolled, the enroll program mode times out after 2 minutes.]

LED STATUS	INDICATION
Flashing RED	Armed AWAY
Solid RED	Armed STAY
Solid GREEN	System READY
LED OFF	System NOT READY
Flashing ORANGE	Alarm while Armed

4. Test the status by arming and disarming the system in both AWAY and STAY Modes.

To Disable the LED, remove the Jumper next to the LED.

### SPECIFICATIONS

**Electrical:** 12VDC Power Supply; Operating Current 29-31mA

**Environmental Conditions:** 14° to 122° F (-10° to 50° C); < 90% RH (non-condensing)

**Frequency:** 345 MHz

**Relay:** Momentary dry contact closure; Normally Open or Normally Closed; 5A Form C relay

**Dimensions:** 4.5" H x 2.75" W x 0.5" D; (114.3mm x 69.85mm x 12.7mm)

**\*Compatibility:** Honeywell LYNX Series Controls, 5883H, 6160RF and 6150RF Keypads produced after March 2007 (P/NSA6150RFAS-T3 Printed Circuit Board).

### APPROVALS / LISTINGS

- FCC part 15, Class B verified
- IC, ICES-003, Class B verified

### COMPLIANCE NOTES

Product must be tested at least once each year.

**REFER TO THE INSTALLATION INSTRUCTIONS FOR THE RECEIVER/CONTROL WITH WHICH THIS DEVICE IS USED FOR DETAILS REGARDING LIMITATIONS OF THE ENTIRE ALARM SYSTEM.**

### FEDERAL COMMUNICATIONS COMMISSION STATEMENT:

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

### CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information: This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC / IC STATEMENT:

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference (2) This device must accept any interference received, including interference that may cause undesired operation. Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence de norme(s) RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

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For the latest documentation and online support information: <https://mywebtech.honeywell.com/>

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