

## How to program a Honeywell Home Resideo 5877 to a Lynx Touch Alarm System

You can program a Honeywell 5877 to your Lynx Touch through the Automation Menu of the panel. The Honeywell 5877 is a wireless garage door relay that allows a user to conveniently open and close an overhead garage door. It does this by sending a signal through a compatible Honeywell Alarm System.



**To program a Honeywell 5877 to your Lynx Touch, complete the following steps:**

**1. Wire the module.** The 5877 requires a local patch wire to the garage motor control inputs. The best way to locate the proper connections is to match the wiring being run to the existing wall switch that controls the overhead door. This button often resembles a doorbell. Find where the two wires from this button connect to the garage door motor. Then connect one wire from the 5877's Common (labeled as "COM") terminal to one of these terminals, and another wire from Normally Open, also called "NO" to the other of these terminals. There is no polarity to be observed. If you find that this does not work, you can try moving from Normally Open to Normally Closed. After you have the relay wired to the motor, you can power it up by connecting the included transformer to the DC port on the relay.

**2. Pair to a zone.** Now it is time to pair the 5877 to the Honeywell Lynx Touch Alarm System. The 5877 will control the garage door motor, but it needs a separate sensor to monitor the open/close status of the door. We recommend the 5822T Garage Tilt Sensor for this application. You can also use a contact like a 5816 or 5816OD if you are controlling a door motor that is not an overhead door.

The L5210 has three (3) specified garage door zones (zones 46-48) labeled as "main" in Zone Programming. Zone 46 will report status to "Garage Door 1" in the Automation section. In other words, after you program a sensor like the 5822T or 5816 to Zone 46, the garage door icon for Garage Door 1 will mirror live status. The same goes for Zone 47 with Garage Door 2, as well as Zone 48 for Garage Door 3. In order for the panel to send commands to the 5877, one of these zones must be programmed for each door you intent to use. The panel will not send a command to the 5877 if it is not aware of the status of door itself. You can set the Device Type to "Garage Door". The Response Type can be set as "Garage". The door will follow Entry/Exit 2 settings. It will also allow for venting, so that you can Arm the system when the door is open. The door sensor will Arm after the door has been shut. If you do not wish to have the door monitored or report to a central station, just set the Response Type to "Garage Monitor". A garage monitor zone simply shows the status of the door to the panel, but will never cause an alarm.

**3. Program the 5877.** From the main page of the Lynx Touch Alarm Panel choose Automation. Then press the down arrow, followed by the "garage door setup" button. Choose a programmed Garage Door, and press the "assign device" button. Next, you will manually enter the Serial Number from the 5877. You cannot auto-enroll the Serial Number. Press the "enter serial number" button, and type in the 7-digit serial number found on the back of the 5877 relay. After the serial number has been added, press Done. Then click the "learn" button. This will test the relay and should result in a clicking noise from the device. It may take 5 to 10 seconds after the button press for the relay to trip.

**4. Test the garage door.** Enter automation again. This time, go to "Garages" on the first page. Click the programmed Garage Door, and press the garage door icon to operate the relay. This should now open and close the garage door. If the garage door is physically opening and closing but the icon on the screen is not updating, you will need to configure a garage door sensor. The 5877 is just a unidirectional one-way relay that toggles the garage motor. The 5822T garage tilt sensor or 5816OD wireless door sensor is a wireless device that informs the Lynx Touch when the door is open or closed.

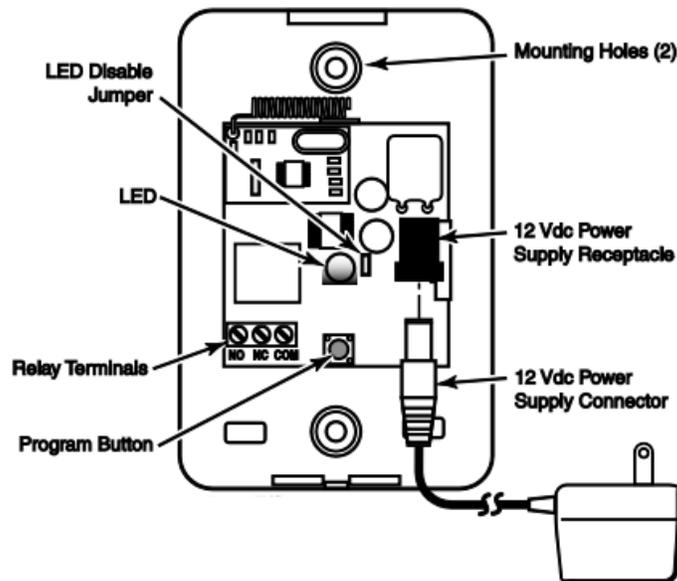
If you want remote access to control your garage door via the Total Connect app, it requires remote automation services. Ask your dealer to enable automation services if you do not have it already. We include automation with our silver level monitoring plans or higher.

Please note, if you plan on linking the siren/strobe, you can press the include button in the garage door setup window on the Lynx Touch. Then press the ID function on the siren/strobe device. This will require the L5100-ZWAVE controller. Without it, the include and exclude icons will not even show up.

Also note that you might want to pair the House ID for the Lynx Touch to the 5877. This will allow the 5877 LED light to display the current panel arming status. The table below shows more information:

**Complete the following steps to pair the House ID Code:**

- 1. Set the House ID.** You must set the House ID Code for the Lynx Touch before you will be able to pair it with the 5877. If you need to set the House ID, please consult this helpful FAQ.
- 2. Prepare the 5877.** Locate the Program button on the 5877. Press and release this button once. The LED should begin flashing green. Then quickly press the button again. The LED should begin flashing orange. Continue to Step 3 with the LED light in this state. You will have two (2) minutes until the sensor will exit this mode. The diagram below shows the Program button on the 5877:



**3. Pair the House ID.** Arm or Disarm the Lynx Touch System. The 5877 should recognize the signal from the panel and memorize the associated House ID Code. You can check the LED light on the 5877 to see if the process was successful. The LED should follow the armed status of the Lynx Touch.