

# 3

# Programming Overview

**NOTE:** Before programming the operator, check to make sure there are no objects in the garage door opening.

## INTRODUCTION

Now that the garage door opener is installed, follow the steps in this manual to program the opener so that the door opens and closes properly and all remote devices operate correctly. The following steps are a guide to setting opener so it functions properly.

The following steps list the order of programming the opener's functional settings for use.

1. "TRAVEL LIMITS"
2. "FORCE and SPEED CONTROLS"
3. "REMOTE PROGRAMMING"

### Term Definitions:

**Travel Limits** Programmable setting to adjust how far door travels up or down.

**Force Control** refers to how much power is needed to move (open/close) a particular door and does NOT require programming.

**Speed Control** refers to how fast or slow the opener opens and closes the door. This is factory set and does NOT require programming. NOT available on all models.

**Remote Programming** synchronizes remote devices (remote, wall console, and keypad) with the powerhead.

## OVERVIEW OF POWERHEAD CONTROLS

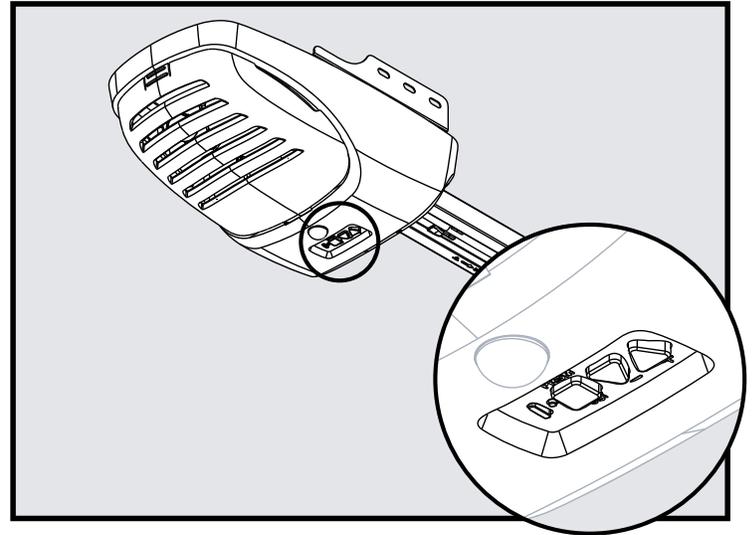
This section describes the programming functions of the opener. Use the following information to understand the buttons, LED indicators and products used to program functions.

**Powerhead:** There are 3 programming buttons and 2 LED lights on the powerhead. Each of the buttons are used to enter and complete the setup programming. The LED lights indicate status or a function change by illuminating ON, OFF, or ON FLASHING in one of three different colors: blue, red or purple.

### There are 4 programs:

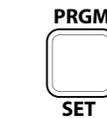
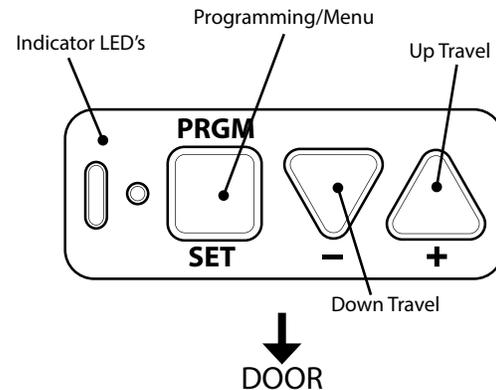
1. Door Travel Limits.
  - This program is used to set how far the door travels up and down.
2. Remote Programs (default menu)—only required for added remote control transmitters.
  - Describes how to program remotes to sync with additional remote control devices, wall consoles, keypads and the powerhead.
3. Force Setting Program.
  - This program controls the force applied during the closing and opening of the door. They are factory set and will rarely require adjustment only under certain circumstances.
4. Door Speed Program.
  - This program does not require manually initiated changes.

**NOTE:** The 3 programming buttons are for programming ONLY. These buttons should NOT be used to operate the opener once the Required Programming section has been successfully completed.

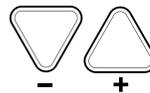


## ORIENTATION

Standing under the opener's powerhead – facing the door – looking up – this is the view you will see of the programming buttons and LEDs.



Enters into and selects programming menus.



Moves door up or down during programming and advance through menus.

**NOTE:** While setting limits, the powerhead has a 30 second time-out period when none of the three programming buttons have been selected. If you see two solid red flashing LEDs or if the LEDs flash red three times and then go OFF, you have run out of time and must go back to the beginning of the travel limit setting step.

- Just remember—the pointed end of the button (like an arrowhead) points in the direction the carriage will move when that button is pushed.

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## Programming Information

### TRAVEL LIMITS

#### ⚠ WARNING

- Make sure doorway is in full view and clear of obstacles and people to avoid injury or property damage.
- DO NOT operate this unit from the wall control before LIMITS are set. Severe damage to the opener could occur.
- The carriage MUST be engaged BEFORE setting limits. See installation poster (if provided) or call Customer Service at 1-800-35-GENIE or visit [www.GenieCompany.com](http://www.GenieCompany.com).

**NOTE:** If carriage has NOT been engaged to carriage, do so now.

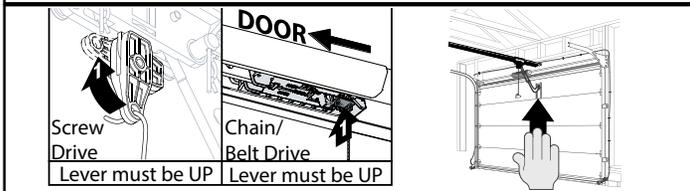
**Before setting limits:** confirm wall console red indicator back light is ON. If not illuminated, See page 19 for troubleshooting.

**Check STB LED's:** Confirm both LED's are illuminated solid. If not illuminated solid, see page 18 for troubleshooting.

### Closing Garage Door (Down Limit)

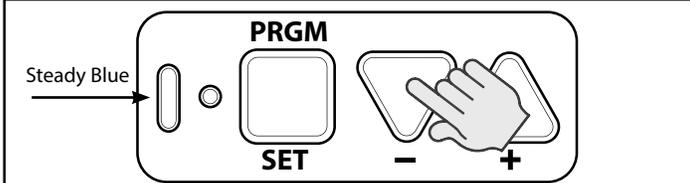
**NOTE:** Beginning with garage door in mid travel is recommended but not necessary.

1. Lift door by hand until carriage engages the shuttle on screwdrive or the bullet on the chain/belt.

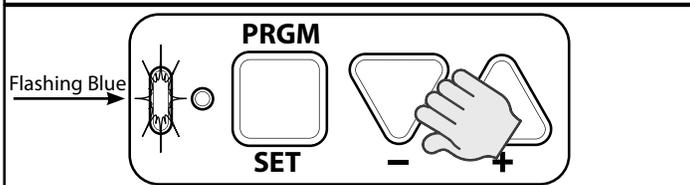


### READ AND UNDERSTAND STEPS 2-5 BEFORE PROCEEDING

2. Press and hold the down arrow button (-) for two seconds or until the long LED comes on blue. (The round LED stays off.)



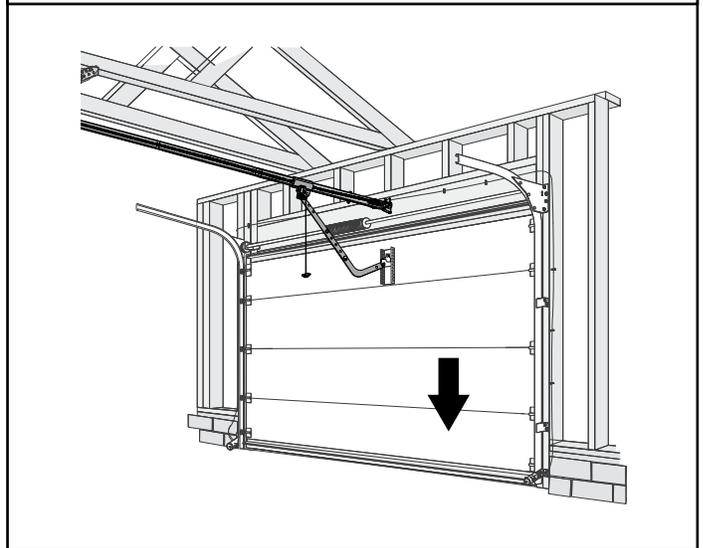
3. Release down arrow button (-) and the long LED will begin flashing blue. (Round LED still off.)



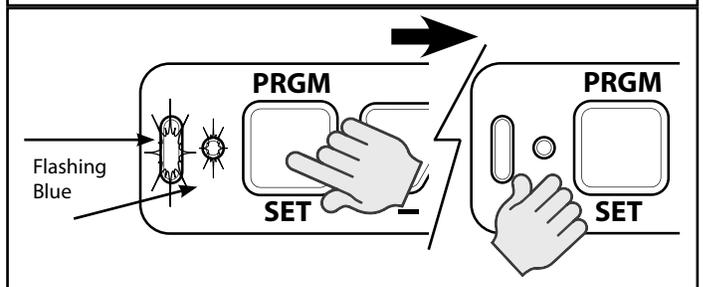
#### ⚠ AVERTISSEMENT

- S'assurer que le passage de la porte est visible et dégagé, à savoir sans obstacles ni personne afin d'éviter toute blessure potentielle ou dommage matériel.
- NE PAS utiliser cette unité avec la console murale avant d'avoir réglé les LIMITES. L'ouvre-porte pourrait subir de sérieux dommages.
- La tendeur DOIT être engagée dans le chariot AVANT de régler les limites. Voir le poster d'installation (si fourni) ou appelez le service clientèle au 1-800-35-GENIE ou visitez le site [www.GenieCompany.com](http://www.GenieCompany.com).
- NE PAS fixer de limites en mode batterie de secours. L'alimentation CA DOIT être branchée sur l'ouvre-porte, pendant le réglage des limites, pour assurer un bon fonctionnement.

4. Press and hold the down arrow button (-) to begin closing the garage door. When the garage door is fully closed, release the down button (-). If it has gone too far press and release the up button (+) to move the door up slightly. The door can be moved up or down with the arrow buttons. The door should rest tightly on the floor.



5. Press and release the program/set button—both LEDs flash blue and then go off. **The DOWN (CLOSED) TRAVEL LIMIT IS NOW PROGRAMMED.**



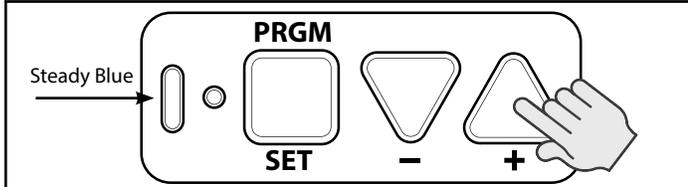
# Programming Information

## Opening Garage Door (Up Limit)

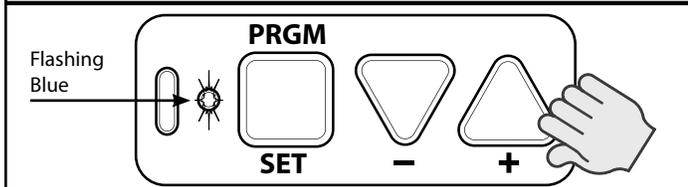
**NOTE:** Beginning with garage door closed is recommended but not necessary.

**READ AND UNDERSTAND STEPS 6-9 BEFORE PROCEEDING**

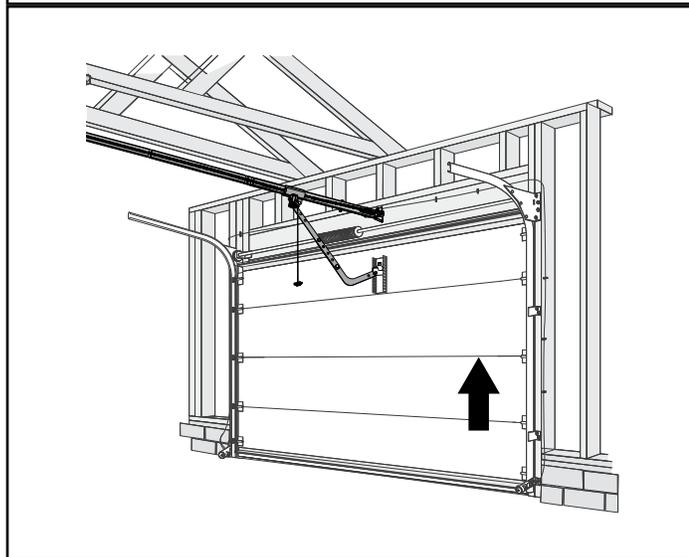
6. Press and hold the UP arrow button (+) for two seconds or until the long LED comes on blue. (The round LED stays off.)



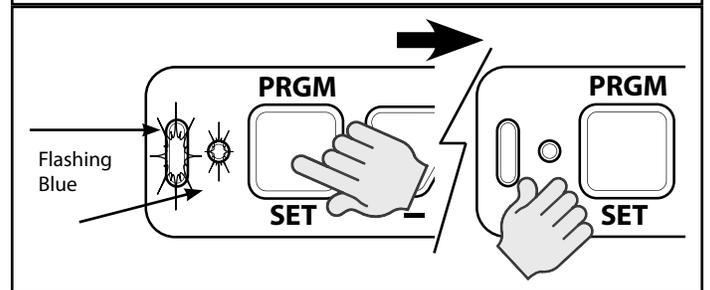
7. Release UP arrow button (+) and the round LED will begin flashing blue. (the long LED will go off).



8. Press and hold the up arrow button (+) to begin opening the garage door. When the garage door is fully opened, release the up button (+). If it has gone too far press and release the down button (-) to move the door down slightly. The door can be moved up or down with the arrow buttons. Stop the carriage short of the opener powerhead. It is important for the red cord to be clear of the powerhead to allow for manual door operation.



9. Press and release the program/set button—both LEDs flash blue and then go off.  
**The UP (OPEN) TRAVEL LIMIT IS NOW PROGRAMMED.**



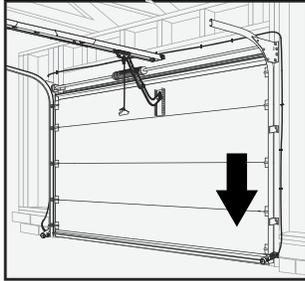
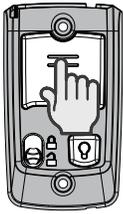
# 3

## Wall Control Operation

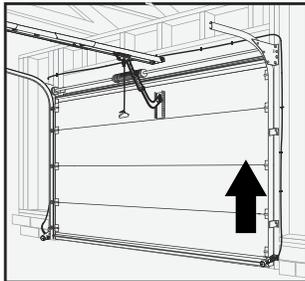
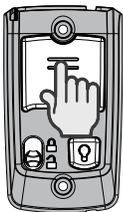
### Force Control

The force controls are automatically set when the wall control is used for the first time with garage door opener. The door **MUST** complete one full cycle, from full open to full close and then, full close to full open, before the settings are automatically recorded.

- 10.** Press and release the wall console Open/Close button and allow the garage door to travel and stop at the down (closed) limit.



- 11.** Press and release the wall console Open/Close button and allow your garage door to travel and stop at the up (open) limit.



**NOTE:** Force controls **DO NOT** require programming. Force limits are factory set and rarely require adjustments. Making adjustments to these settings is covered in the "Maintenance and Adjustments" Section of this Manual (pages 14-18). **FORCE CONTROL IS NOW SET.**

### ⚠ WARNING

#### TO AVOID INJURY OR DAMAGE

- **NEVER** adjust the force settings to adjust for damage, including an unbalanced door, binding door track or broken spring.
- Perform a CONTACT REVERSE TEST monthly.

### ⚠ AVERTISSEMENT

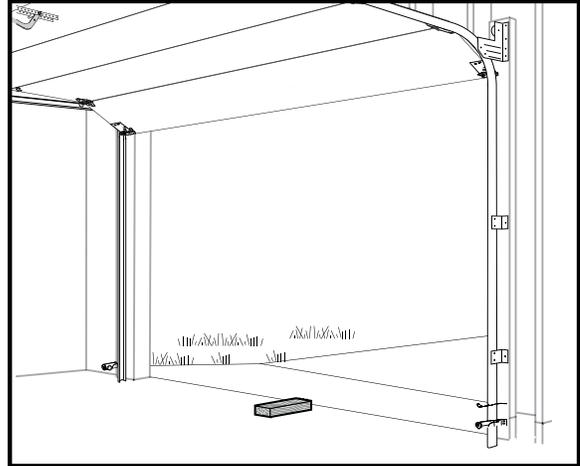
#### Pour éviter les blessures ou des dommages

- **NE JAMAIS** régler la force pour compenser des dommages, y compris une porte mal équilibrée, un rail de porte coincant ou des ressorts cassés.
- Tous les mois, EFFECTUEZ LE TEST D'INVERSION AU CONTACT.

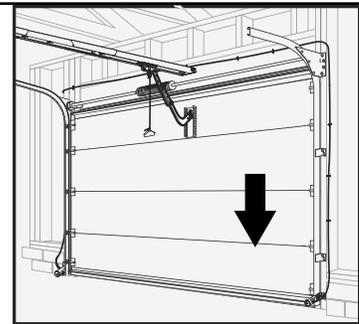
### Contact Reverse Test

**NOTE:** The limit and Force settings **MUST BE COMPLETED** before performing the Contact Reverse Test.

- 12.** With the garage door open, lay a 2" x 4" board flat on the floor at the center of the door opening.



- 13.** Close the garage door using the Open/Close button on the wall control.



When the door contacts the board, it should stop and reverse direction within 2 seconds to the fully open position. Long LED light on the powerhead will begin to flash RED with the reversal of the door. Remove the 2" x 4" board after a successful contact reversal test. The next cycle will clear the flashing red LEDs.

### Contact Reverse Adjustment

If the door stops before contacting the board or if it does not reverse direction to fully open after contact with the board, it may be due to an improperly set DOWN limit. Verify settings by:

1. Repeat the "Down Travel Limit" section (page 6) to make certain the door is closing tight against the floor.
2. Repeat the "Force Control" section on the left to set force limits.
3. Repeat the "Contact Reverse Test" above.

Repeat this process as needed until the door passes the Contact Reverse Test. For further help, refer to the "Maintenance and Adjustment" section/Regular Maintenance. (Pages 14-18).

# Remote Control Programming

## REMOTES

**NOTE:** THE REMOTE CONTROLS INCLUDED WITH THIS OPENER, HAVE BEEN PRE-PROGRAMMED AT THE FACTORY FOR YOUR CONVENIENCE.

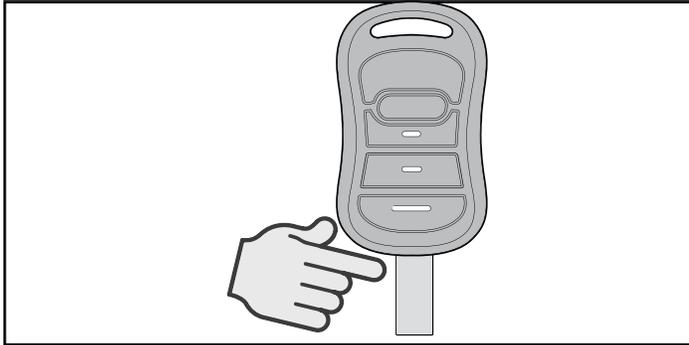
**NOTE:** The following instructions are for remote control transmitters purchased separately in addition to those provided with this opener, but can also be used if any remote(s) may require re-programming.

**NOTE:** Each programming step has a 30 second time limit for completion after the function is initiated. After 30 seconds, two LED's will illuminate RED indicating time has expired and the step must be re-started. Restart the step as many times as necessary to complete the programming.

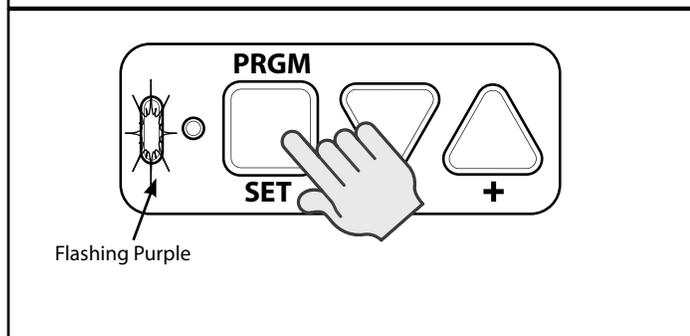
**NOTE:** Do NOT hold Remote too close to the Powerhead when programming Remote buttons.

**NOTE:** Each button on each Remote must be programmed separately, following these steps.

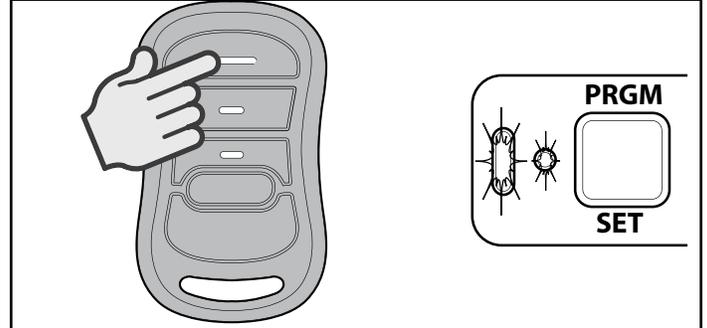
1. Remove the battery's protective film from the remote by pulling it straight out.



2. Press and hold the program button on the opener for two seconds until the round LED turns blue, then release. The long purple LED will flash.

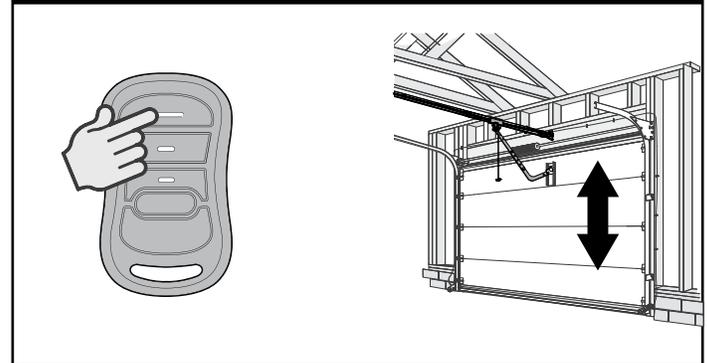


3. Slowly press and release the remote button two times. The opener LEDs will flash and go off, indicating it has been successfully programmed to the remote.



**NOTE:** While programming remote buttons, stand at least 5 feet away from the powerhead. This ensures you have proper communication between the remote and the powerhead.

4. Press and release the same button a third time and door will open or close.



To program the same remote for other garage door openers, repeat the steps above using one of the other remaining remote buttons.

### REPEAT STEPS 1 TO 4 FOR EACH OPENER AND REMOTE

**NOTE:** It is possible to press the remote button too quickly or lightly. If the LEDs do not go off, press the remote button several more times to achieve confirmation.

**BASIC PROGRAMMING IS COMPLETE AND YOUR GARAGE DOOR OPENER IS READY TO USE.**

### FCC and IC Certified

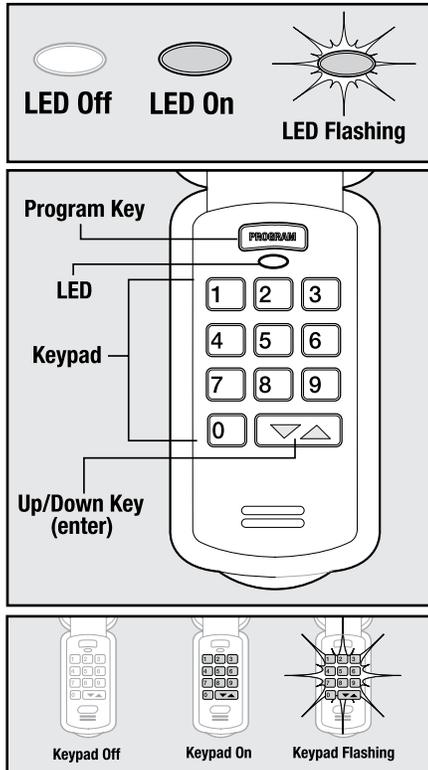
This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This equipment generates, uses 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 situation. If this equipment does cause harmful interference to radio or television reception, which may be determined by turning equipment OFF and ON, the user is encouraged to try and correct the interference by one or more of the following measures: (a) Re-orient or relocate the receiver antenna, (b) Increase the separation between the opener and receiver, (c) Connect the opener into an outlet on a circuit different from that which the receiver is connected, and (d) Consult your local dealer. Any modification or changes to this equipment which is not expressly approved by the manufacturer could void the user's authority to operate the equipment. This device complies with the Health Canada's Safety Code. The installer of this device should ensure that the RF radiation is not emitted in excess of the Health Canada's requirement. Information can be acquired at: <http://www.hc-sc.gc.ca/ewh-semt/radiation/cons/wifi/index-eng.php>

# Programming Wireless Keypad

(Optional on some models)

**Tip: Program Keypad before mounting.**

## Keypad Overview:



OPEN BATTERY COVER AND PULL PAPER TAB TO ALLOW OPERATION

### Setting the PIN for the First Time:

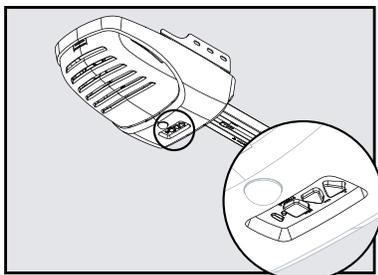
1. Press in order the numbers  
 -  -
2. Press the **PROGRAM** key
3. Type a new PIN (3-8 digits)
4. Press the **PROGRAM** key again

The keypad is ready to program to an opener.

For use on a Single Door, continue to **Synchronizing Keypad to Door**.

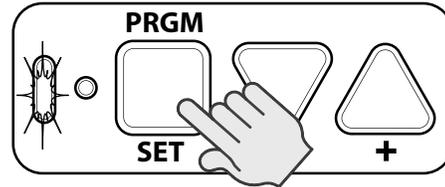
**NOTE:** If the keypad lights do not flash and go OFF after setting PIN, clear the keypad and repeat Step 1; see page 11 for Resetting a PIN.

### Locate the Opener's Programming Buttons and LED:



## Synchronizing Keypad to Door

1. Press **PROGRAM SET** button two seconds until the round LED turns blue, then release. The long purple LED will blink.



2. Key in the new PIN on the keypad.
3. Press Up/Down key and opener LEDs will stay on steady.
4. Press Up/Down key again and opener LEDs turn off.
5. Press Up/Down key a third time and opener runs.

**The process of programming ONE keypad to ONE opener is complete.**

## Multiple Door Section:

1. Key in the new PIN on the keypad (3-8 digits).
2. Press the **PROGRAM** key two times.
3. Enter how many total doors the keypad will control (press 2 or 3 accordingly).
4. Press the **PROGRAM** key.  
The keypad is now programmed to receive multiple opener signals.
5. Locate the opener's programming buttons and LED.  
Press **PROGRAM SET** button two seconds until the round LED turns blue; then release. The long purple LED will flash.
6. Type the new PIN (3-8 digits).
7. Press the Up/Down key one time.
8. Assign a number to the door that the keypad will operate by pressing 1-2 or 3.
9. Press that door number a second time.
10. Press that same door number a third time and the door will operate.

Wait 30 seconds for the keypad to go dark and then start with step 5 for the additional door/keypad combination as needed.

To add another opener to a keypad that is already programmed to an opener, follow all the steps in the "Multiple Door Section".

Please note at Step 8, that the keypad assumes the original opener programmed to the keypad is opener #1.

Keypads can accept up to three openers.

# Programming Wireless Keypad

(Continued)

## Door Operation with Wireless Keypad:

To open and close a single door with the Keyless Entry Pad, enter the PIN number and press Up/Down Key (enter).

For multiple doors enter the PIN number, press the UP/Down Key once and enter the door number (1,2 or 3).

**NOTE:** *The Keyless Entry Pad will stay active for 30 seconds and will stop or start the door with each touch of any button on the keypad.*

## Changing an Existing PIN:

1. Enter the current PIN
2. Press the Program key one time
3. Key in the new PIN (3-8 digits)
4. Press the Program key one time

**NOTE:** *Unlike "Resetting PIN," there is no need to reprogram your opener after changing the PIN.*

## Resetting a PIN:

Press and hold both the **PROGRAM** key and the Up/Down key for about five seconds.

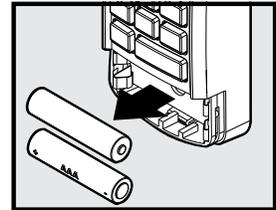
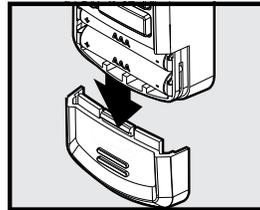
The LED's will slowly blink and then go out. When the LED stops blinking, the old programming has been successfully erased.

To create a new PIN, start with "Setting the PIN for the First Time"

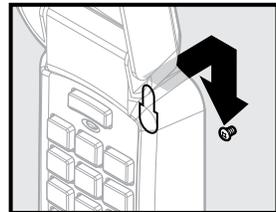
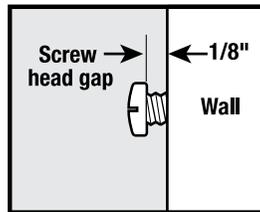
## Mounting Keypad

The keypad **MUST** be mounted within sight of the garage door(s) at least five feet above the floor and clear of any moving door part.

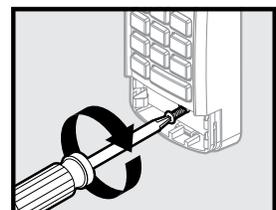
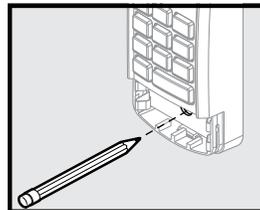
1. Remove battery cover and batteries.
2. Drill 3/32" pilot hole for the top mounting screw (included).



3. Install a screw into the pilot hole, leaving a 1/8" gap between the screw head and wall.
4. Hook the slotted mount, on back of keypad, over the screw.



5. Mark and drill a pilot hole for the bottom screw (included) and secure keypad to wall (**DO NOT** overtighten).



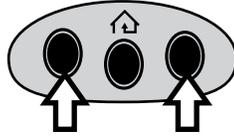
6. Reinstall batteries and cover.

# Programming Vehicle Remotes

## Programming HomeLink® System

### Step 1 Clear HomeLink

Clear HomeLink by pressing and holding down the first and third buttons until the indicator on the HomeLink blinks slow and then fast for 20 seconds; then release both buttons.



**NOTE:** Clearing the HomeLink will remove all previously programmed garage door openers.

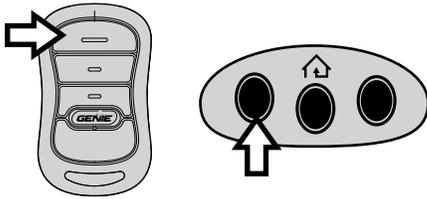
### Step 2 Train HomeLink to the Genie Remote

Choose the button on the HomeLink that will be used to open the door.

**NOTE:** Hold the Genie Remote two inches from the HomeLink button.

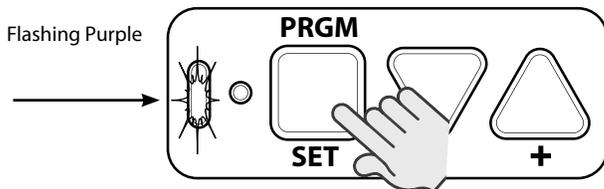
Hold down the Genie remote button. While holding, press and hold the chosen HomeLink button.

Hold down both buttons until the indicator on the HomeLink blinks slow then fast. Once it blinks, release both buttons.

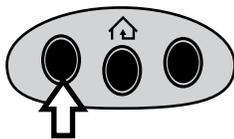


### Step 3 Program HomeLink to the Genie Opener

A. Press and hold the **PROGRAM** button on the opener until the round blue LED is ON. Release the button. The long purple LED will begin flashing.



B. Press the chosen HomeLink button for two seconds and release. Press that same button again for two seconds and release. The long LED will flash blue and then turn off.



C. Press the HomeLink button a few more times until door moves.

**NOTE:** For additional instructions, see the motor vehicle manual, [www.homelink.com](http://www.homelink.com) or visit [www.GenieCompany.com](http://www.GenieCompany.com)

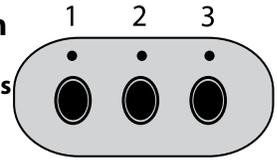
## Programming Car2U® System

### Step 1 Clear Car2U to default settings

The default setting for the Car2U system is:

- Button 1 = Genie® Manufactured Openers
- Button 2 = LiftMaster® Manufactured Openers
- Button 3 = Wayne Dalton® Manufactured Openers

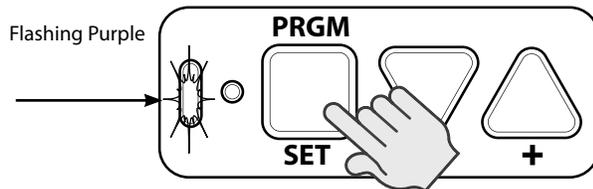
- A. Press and hold buttons 1 and 3 for 20 seconds or until all three LEDs begin to flash.
- B. Release both buttons. The Car2U system is now set to the Factory Default settings



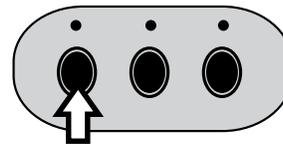
**NOTE:** Clearing the Car2U remote will remove all previously programmed garage door openers.

### Step 2 Program Car2U to the Genie Opener

- A. Press and hold the **PROGRAM** button on the opener until the round blue LED is ON—release the button. The long purple LED will begin flashing.



- B. Press the designated Genie Car2U button for two seconds and release. Press that same button again for two seconds and release. The long LED will flash blue and then turn off.



- C. Press the Car2U button a few times more until door moves.

### Step 3 Changing Factory Default Button for a Genie Opener

- A. Press and hold buttons 1 & 3 for **ONE SECOND** and release—all three LEDs will light solid red.
- B. Press and hold the button (2 or 3) to change it to Genie—the corresponding LED will flash. While continuing to hold that button, press and release button 1. Press and release button 1 again.
- C. Release the button being held in step B and wait for the LED to stop flashing. This button is now set for Genie. Repeat Step 2 for second Genie Opener.

**NOTE:** For additional instructions see the motor vehicle manual, [learcar2u.com](http://learcar2u.com) or visit [www.GenieCompany.com](http://www.GenieCompany.com)

# 4

## Clearing Remotes

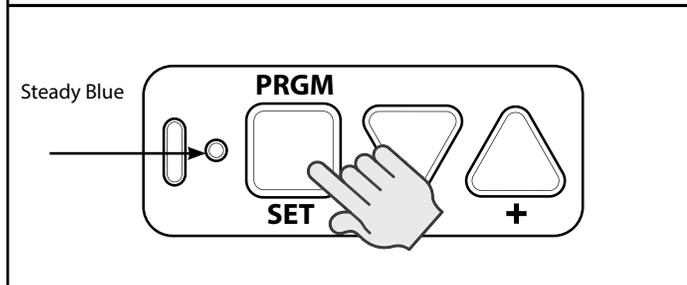
### CLEARING MEMORY OF REMOTES

**NOTE:** Clearing memory of remotes from the powerhead will clear ALL programmed remotes and wireless keypads. The opener will no longer recognize any signal from any remote device, including a missing remote device.

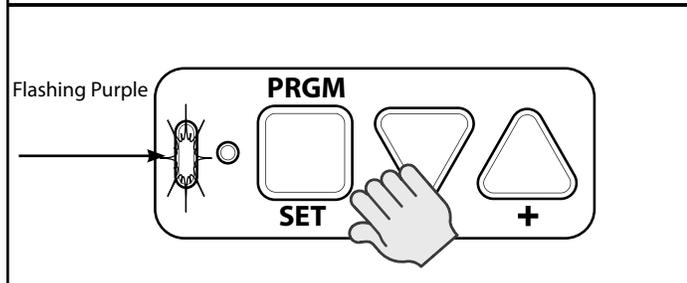
All remaining (or recovered) remotes and wireless keypads MUST be reprogrammed as shown in pages 9,10,12.

**NOTE:** The garage door opener will operate normally using the wall console.

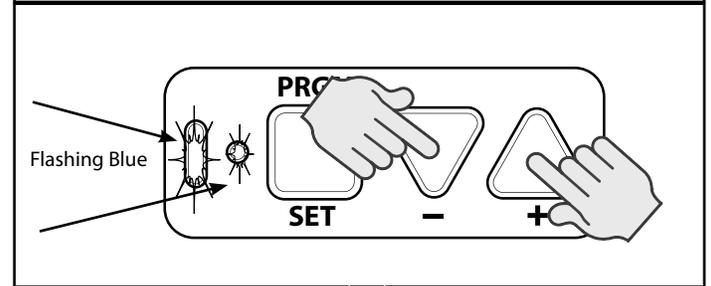
1. Press the PROGRAM/SET button on the powerhead and hold for two seconds or until the round LED turns blue.



2. Release the PROGRAM/SET button—the round LED goes off and the long LED flashes purple.

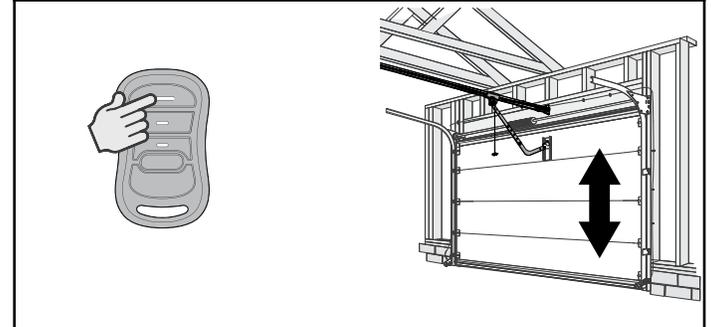


3. Press and hold the UP (+) and DOWN (-) button at the same time, until both LEDs flash blue and go off.



4. To verify that the memory is cleared, press the remote key that was previously programmed to the opener.

If the memory has been cleared the opener will NOT run.



If the remote is successfully cleared, the round powerhead LED will flash blue when the remote button is pressed and the opener will not operate.