**IMPORTANT SAFETY NOTES**

Read these instructions carefully. This type of warning note is used to indicate possible mechanical hazards that may cause serious injuries or death.

1. **Always perform the entire Safety Reversal Test (Section 4).**
2. **Perform the Safety Beam Test (Section 5).**
3. **After Servicing the Opener**
   - Open the door a few inches.
   - Turn off the opener.
   - Press the LEARN button. The opener's light will blink three times signaling that the remote was added, or the red light will flash once if a remote was removed.

**CAUTION**

This type of warning note is used to indicate possible damage to the garage door or garage door opener.

1. **Using the Garage Door Opener**
   - With the door in any position (preferably closed), press the WALL STATION, REMOTE CONTROL, or access keypad used to start the door.
   - Pull the red release handle to return the opener to normal operation.

**NOTE:**

- A moving garage door can cause injury or death! To reduce the risk of death or severe injury:
  - Read and follow all instructions.
  - Keep remote controls away from children.
  - Be sure the door is properly balanced. (See Garage Door Opener Maintenance)

2. **Controlling the Opener's Light**
   - When the opener is activated, the opener's light will turn on and the door will begin to close.
   - When the opener is activated, the opener's light will flash four times if an object was added, or the red light in the opener will flash four times if the object was removed.

3. **Vacation Lock for Additional Security**
   - To signal that the vacation switch is locked, pull down the red pushbutton and turn on for about 5 seconds. The opener's light and red light will flash once and turn on for about 15 seconds. A remote can be activated during this time using Step 2 below.
   - Testing:
     - Before testing the remote control, straighten out the opener's antenna wire on the opener station and remote control.
     - Stand clear of the door, press the remote control's button and verify that the opener starts.

4. **Replacing a Remote Control’s Batteries**
   - If it contains a Linear MegaCode™ receiver, this opener is supplied with a three-button remote control (the second and third buttons can be used to control an additional opener or gate in an internet Linear MegaCode™ receiver). Additional single and multi-button remote control transmitters can be purchased. The short wire on the back of the opener serves as an antenna for the remote controls. Do not cut off the wire or the remote controls will not operate well.

5. **Troubleshooting**
   - **Adding or Removing a Remote**
     - Before testing the remote control, straighten out the opener's antenna wire on the opener station and remote control.
     - Stand clear of the door, press the remote control's button and verify that the opener starts.

6. **Garage Door Opener Maintenance**
   - Weather conditions may affect the door mechanism which may require some re-leveling or door adjustments. Doors may swell and become heavier during wet periods; door hinges and rollers might bind during cold periods.
   - Insure safe operation of the door, perform the following tests, including any additional test steps described.

7. **Before testing the remote control, straighten out the opener’s antenna wire on the opener station and remote control.**
   - Stand clear of the door, press the remote control’s button and verify that the opener starts.

8. **Always perform the entire Safety Reversal System Test (see Section 8) after making any adjustments to the opener.**

**WARNING**

This opener is designed to provide safe, reliable operation if installed and tested as described in these instructions. A garage door is the largest mechanical appliance in a residence. Care must be taken to prevent injury or death during installation and operation of the garage door and garage door opener. The WARNING INSTRUCTIONS ARE USED FOR ADDITIONAL SAFETY MEASURES.
7 Automatic Door Force Setup

The opener automatically measures the door force throughout the entire travel of the door each time the opener is powered up. The opener will adjust the door force to acceptable door hardware conditions over time due to weather and wear. Your installer has used these steps during setup of the opener. You can also perform these steps at any time.

➤ Be sure that the trolley latch is up and the door is connected to the opener.
➤ Operate the door through four complete open and close cycles.

8 Safety Reversal System Test

Safety Reversal System Test must determine if there is an obstruction. A higher than expected amount of force is detected during a door cycle. If an obstruction is encountered during a closing cycle, the opener and door will stop then fully open if an obstruction is encountered during an opening cycle, the opener and door will stop.

➤ Lay a 2 x 4 board flat on the floor where it will be struck by the center of the door as it closes.
➤ Verify that the door reverses when it strikes the board. The door must reverse within two seconds after striking the board.

Always perform the Safety Reversal System Test after making any adjustments to the opener. Perform the SAFETY REVERSAL SYSTEM TEST MONTHLY!

9 Adjusting the Force Factor (Installation Option, Normally Not Used)

The user peak force measured during each of the last four complete cycles plus a “force factor” to compensate for the maximum amount of force the system can provide during the current door cycle. If the calculated maximum force setting is exceeded during the current door cycle, the opener reacts to the conditions. As door hardware conditions change over time with weather and wear, the calculation of the maximum door force setting using the four cycle running average will compensate for the current conditions of the installation.

Changing the Force Factor Setting

Set the open and close limits carefully. Setting the force factor can be adjusted to change the amount of pressure exerted on an obstacle before the opener reacts to the obstruction.

1. Press both the UP and DOWN buttons for three seconds.
2. The red and green indicators and opener’s light will flash three times.
3. Use the UP or DOWN button to set the force factor. Pressing the UP button increases the force factor, pressing the DOWN button decreases the force factor.

10 Field Reset

In installations where the spring door, spring, or hardware is being replaced, and the opener was already programmed for the old door, reset the opener using the following steps:

1. Press and hold down the UP, DOWN, and LEARN buttons for two seconds.
2. The red and green indicators and opener’s light will flash slowly.
3. Release the buttons. The opener will reset force setting and erase all set limits, but will still retain all programmed remote controls in memory.

11 Troubleshooting

Lamp Flashing Troubleshooting Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Problem</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH</td>
<td>No problem</td>
<td>Remote control failed into memory</td>
<td>Add any additional remote controls (BlueGat™)</td>
</tr>
<tr>
<td>FLASHES</td>
<td>Door won’t close</td>
<td>Shorted wall station wires</td>
<td>Check wall station wires. Be sure both are connected to the terminal screws. Check for a staple in the wall station wires. Review any applicable compressing the wiring.</td>
</tr>
<tr>
<td>FLASHES</td>
<td>Door reverses open or close</td>
<td>Safety beam obstacle</td>
<td>Check for obstacles. Align the safety beam (Section 4).</td>
</tr>
<tr>
<td>FLASHES</td>
<td>Door opens or closes</td>
<td>Open or Close force exceeded</td>
<td>Check for obstruction or binding of garage door. Permit field test (Section 6) if necessary.</td>
</tr>
<tr>
<td>FLASHES</td>
<td></td>
<td>Mechanical or electronic failure</td>
<td>Unlock vacation switch or call your local garage door professional.</td>
</tr>
<tr>
<td>FLASHES</td>
<td>Limit error</td>
<td>Encoder has detected error or door limit set above up limits</td>
<td>Re-set the open and close limits. If error continues again, call your local garage door professional.</td>
</tr>
</tbody>
</table>

This manual contains important instructions and safety regulations for the safe operation of this product. Make sure you have this manual and keep it with the product. Do not discard this manual. This manual contains all the necessary instructions, including those that may cause unintended operation.

LIMITED WARRANTY

This product is warranted to the original consumer-dealer against defects in materials and workmanship for the limited warranty period. To the extent prohibited by law, this warranty is in lieu of all other warranties, expressed or implied, including the warranty of merchantability. This warranty is null and void if the product is damaged, or if it is used for any other direction than it requires service under warranty, and will void the warranty or implied warranty of merchantability or fitness for use. Lessee must return the lease to Linear or other authorized service center for Service within 120 days after the date of termination of lease. This warranty is null and void if the product is damaged or serviced and, or if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period. This warranty is null and void if the product is damaged or serviced during the warranty period.

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