IMPORTANT SAFETY NOTES

Please read the instructions carefully. This garage door opener is designed to provide safe and reliable service if installed and tested as outlined 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 following formats are used for safety instructions in these instructions.

**WARNING**

This type of warning is used to indicate possible mechanical hazards that may cause serious injury or death.

**CAUTION**

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

**IMPORTANT SAFETY NOTES**

A MOVING GARAGE DOOR CAN CAUSE INJURY OR DEATH!

**TO REDUCE THE RISK OF DEATH OR SEVERE INJURY:**

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. NEVER LET CHILDREN OPERATE, OR PLAY WITH DOOR CONTROLS! KEEP REMOTE CONTROL AWAY FROM CHILDREN.
3. ALWAYS keep remote control away from people and objects until it is completely closed. NO ONE SHOULD Operate the DOOR.
4. NEVER GO UNDER A STOPPED, PARTIALLY OPEN Door.
5. Test door opener monthly. The garage door must reverse on contact with a 1-1/2 inch object (or 2X4 board) placed on the floor at the center of travel, test the force of the door opening and closing. If the force is adjusted, the door may not be safely operated. Failure to adjust the operator properly may cause severe injury or death.
6. If possible, use the red emergency release handle only when the door is closed. Use caution when using this release with the door open. Weak or broken springs may cause the door to fall rapidly causing injury or death.
7. KEEP ALL GARAGE DOORS PROPERLY BALANCED. (See Garage Door Opener Maintenance) An improporly balanced door could cause severe injury or death. Have a qualified service person make repairs to cables, spring assembly and other hardware.
8. SAVE THESE INSTRUCTIONS.

**IMPORTANT USER SAFETY INSTRUCTIONS**

**WARNING**

**CAUTION**

**IMPORTANT USER SAFETY INSTRUCTIONS**

**WARNING**

**CAUTION**

1 Using the Garage Door Opener

Opening the Door

1. With the door closed, press the wall station’s UP/DOWN ARROW button, the button assigned to the opener on the remote control, or enter a valid access code and press START/STOP on a remote keypad.
2. When the opener is activated, the opener’s light will flash and the door will begin to open.
3. The door will open until the open limit is reached. If an obstacle is encountered (opener’s light flashes four times), or the safety beam indicator (opener’s light flashes three times) during closing, the door stops and reverses.
4. The opener’s light will stay on for about five minutes after the door stops.

Closing the Door

1. With the door in view, press the wall station’s UP/DOWN ARROW button or the button assigned to the opener on the remote control, or enter a valid access code and press START/STOP on a remote keypad.
2. When the opener is activated, the opener’s light will turn on and the door will begin to close.
3. The door will close until the closed limit is reached. If an obstacle is encountered (opener’s light flashes four times), or the safety beam indicator (opener’s light flashes three times) during opening, the door stops and reverses.
4. The opener’s light will stay on for about five minutes after the door stops.

Stopping the Door Mid-travel

1. The door can be stopped immediately at any time by pressing the wall station’s UP/DOWN ARROW button, the remote control’s pushbutton, or press the START/STOP button on a remote keypad.
2. The next time the opener is activated, the door will move in the opposite direction.

Vacation Lock for Additional Security

1. Slide the wall station’s LOCK switch to the locked position to prevent remote controls from opening the door after the door is completely closed. The remote control will not operate the door, but can still be used to open or close by using the wall station’s UP/DOWN ARROW pushbutton.

**NOTE:**

To secure the unit when the lock switch is locked, the opener’s light will flash five times if it is remotely actuated in an attempt to open or close the door.

2. Slide the wall station’s LOCK switch to the unlocked position to return the operator to normal operation.

Controlling the Opener’s Light

1. The opener’s light can be on by pressing the wall station’s LIGHT button. The light will remain on until the LIGHT button is pressed again or the opener is cycled.
2. If the opener’s light is on, press the wall station’s LIGHT button to turn the light off.

Disconnecting the Door from the Opener

1. With the remodeled garage door in the fully down or fully up position and manual, carefully pull the red release handle. USE CAUTION IF THE DOOR IS OPEN, THE DOOR MAY DROP.
2. The door disconnect door is opened or closed manually.

To reconnect the opener, flip the release lever up. Press or lever the door manual until the opener reconnects.

**2 Remote Controls**

This opener is supplied with a three-button remote control (the second and third buttons can be used to control an additional operator or gate or it contains a Linear MegaCode™ receiver). Additional single and multi-button remote controls may be purchased. An unlimited number of remote controls can be used with this operator. The short white wire on the back of the operator serves as an antenna for the remote controls. Do not cut off the white wire or the remote controls will not operate well.

**WARNING**

**CAUTION**

**WARNING**

Children operating or playing with a garage door opener can injure themselves or others.

The garage door opener could cause serious injury or death. Do not allow children to operate the garage door opener (or control(s)) at the wall station. A moving garage door or door control(s) can injure or kill children, or others if the operator is not in a safe position or is not operated properly.

In Add or Remove a Remote Control

1. Press the opener’s LEARN button. The red LEARN light will glow. The red LEARN light will stay on for about 10 seconds. A remote must be added or removed while the red LEARN light is on.
2. Send an output signal from a remote. If the operator’s light and the red LEARN light will flash four times if a remote was removed.
3. Repeat Steps 1 & 2 for any additional remote controls.

To Remove all Remote Controls

1. Press and hold the opener’s LEARN button for ten seconds or more.
2. Release the LEARN button. The red LEARN light will blink three times signaling that all of the remotes in the opener’s memory were erased. The red LEARN light will turn off, then turn on for 15 seconds. A remote control can be entered during this step by following the steps 2 above.

Testing

1. To test the remote control, straighten out the opener’s white antenna wire so it points up.
2. Stand clear of the door, press the remote control’s button and verify that the opener starts.

Replacing a Remote Control’s Batteries

When the red light on the remote gives a dim or bright light or is off when the remote is activated, the batteries need to be replaced.

1. Open the remote’s case and remove the circuit board.
2. Replace old batteries with two Type 2032 batteries.
3. Reassemble the remote.

3 Garage Door Opener Maintenance

Weather conditions may affect the operation of the garage door opener which could require some re-setting of the garage door opener. The doors may swell and become heavy during wet periods, door hinges and rollers might bind during dry weather. To re-set the garage door opener, perform the following tests, including any additional tests described.

Every Month

1. With the door closed, pull the red release handle to disconnect the door from the opener.
2. From outside the garage, slowly open the door manually all the way, and then close it all the way. Notice if there is any binding, sticking or rubbing. The door should move smoothly in both directions.
3. Raise the garage door about halfway up. Carefully release the door and see if the door balances. It should stay in place. Close the door.

**NOTE:**

If the garage door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

To re-energor, flip the release lever up. Raise the door manually using the remote controllers.
5. Perform the Safety Beam Test (Section 4).
6. Perform the Safety Reversal System Test as described in Section 5.

After Servicing the Opener:

1. Perform the Safety Beam Test (Section 4).
2. Perform the Open and Close Limit Adjustments (Section 5).
3. Perform the entire Door Force Safety System Test (Section 6).

Every 6 Months

1. Open and close the garage door to test the adjustments.
2. Test for obstructions before closing the garage door.

Chain Adjustment

If the garage follows the steps below to adjust the chain.
1. Hold the tumblerhead with a flat blade screwdriver and loosen the set screw on the two locknuts with a 7/16” wrench.
2. Twist the tumblerhead to adjust the tension. Adjust the chain until the tumblerhead is snug above the rail.
3. Hold the tumblerhead with a flat blade screwdriver and tighten the two locknuts with a 7/16” wrench.

**Belt Adjustment**

The tumbler spring in the travelers keeps the tumbler out. The factory setting for the tension spring length is 9” long. The tension spring is longer than 1”, adjust the tension. Do not adjust the tension if the spring length is between .9” and 1” long.

To Test the Door Balance

1. Stand clear of the door, press the remote control’s LIGHT button. The light will remain on until the door stops.
2. The door should move smoothly in both directions.
3. If the door moves smoothly in both directions, NO ADJUSTMENT IS NEEDED.

**CAUTION:**

If the door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

**NOTE:**

If the garage door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

**NOTE:**

If the garage door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

**WARNING**

Garage door hardware (springs, cables, brackets, pulleys, etc.) are under extreme pressure and tension. DO NOT ATTEMPT TO ADJUST OR SERVICE THE DOOR UNLESS YOU CAN DISABLE THE OPERATING SYSTEM.

**WARNING**

Failure to disable the operating system may result in injury or death.

**NOTE:**

If the garage door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

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If the garage door is unbalanced or the door travel is not smooth, the qualified garage door professional, adjust or repair the door.

**WARNING**

Always perform the entire Door Force Safety System Test (see Section 6) after making any adjustments to the garage door. Failure to perform this test may result in injury or death.

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4 Testing the Infrared Safety Beam

The safety beam has two components, a sender and a receiver. The sender produces a narrow infrared beam that travels across the bottom of the door opening to the infrared receiver. If an object blocks the infrared beam, the garage door opener will be forced to stop and the door will remain in the open position, simulating a door jammer.

A safety feature, the opener will ignore signals from all remote controls if the door is open and the infrared safety beam is blocked or out of alignment. In this case, the door can be forced closed by pressing the DOWN ARROW button on the wall station's remote control, The garage door opener will not respond to a CLOSE command from a radio transmitter if the safety beam is blocked.

To reconnect the opener, flip the release lever up.

5 Adjusting the Open and Close Limits

The limit adjustments control how far the door will open or close are located on the side of the opener. The limits should be adjusted so the door opens just short of the top of the garage door and closes just short of the bottom of the garage door, the door hardware, or opener.

Setting the open and close limits carefully. Setting the limits beyond the distance that the door can travel could cause damage to the door, the door hardware, or opener.

6 Testing & Adjusting the Door Force Safety System

The door force adjustments are located on the side of the opener. The door force adjustments must be properly set at all times. The CLOSE LIMIT adjustment controls how much force is required to cause the door to reverse direction and stop. The OPEN LIMIT adjustment controls how much force is required to stop the door if an obstruction is encountered during opening.

WARNING:
The door force adjustments are located on the side of the opener. The door force adjustments must be properly set at all times. The CLOSE LIMIT adjustment controls how much force is required to cause the door to reverse direction and stop. The OPEN LIMIT adjustment controls how much force is required to stop the door if an obstruction is encountered during opening.

7 Replacing the Opener's Lamp

If the opener's safety lamp fails to light manually or when the operator is activated, the light bulb needs replacing. Use the following steps to replace the light bulb:

1. Swing the light cover open to expose the light bulb and lamp socket.
2. Swing the light bulb with a 100 watt maximum travel rough service bulb (sometimes called a garage door bulb).
3. Swing the light cover closed, snapping it shut.
4. Press the wall station's pushbutton to test the lamp.

8 Troubleshooting

LAMP FLASHES

PROBLEM
Remote control entered incorrectly
CAUSE
Add any additional remote controls manually
REMEDY
Check wall station wiring. Use both bulbs and check wiring to see if any are connected or mismatched.

1 FLASH

No problem

1 FLASHES

Door won't close

Shorted wall station wiring

Check wall station wiring. Use both bulbs and check wiring to see if any are connected or mismatched.

2 FLASHES

Door won't open

Safety beam obstacle

Check for obstructions. Align the safety beam tight to tight.

4 FLASHES

Door reverses without the remote control

Door reverse position

Check for obstructions. Align the safety beam tight to tight.

Open or close force
disabled. No sensory input detected.

Open or close force
disabled. No sensory input detected.

5 FLASHES

Door won't open

Remote control switch was locked

Unlock switch on wall station.

7 FLASHES

Motor ran longer than 30 seconds

Motor ran longer than 30 seconds

Unsuitable voltage on wall station.

8 FLASHES

Door opens or closes

Remote control switch was locked

Unlock switch on wall station.

10 FLASHES

Remote control switch was locked

Unlock switch on wall station.

NOTE: The Linear product is warranted to the original consumer against defects in material and workmanship for the periods mentioned below. Linear will repair or replace, at its option, any device that it finds requires service under this warranty, and will return the repaired or replaced device to the consumer at no charge. The device warranty in Section 15 of the Linear Limited Warranty is subject to the following conditions. (a) The device may not cause harmful interference and (b) the device must accept any authorized receiver, including reprogramming that may cause undesired operation.

PRODUCT WARRANTY:
This warranty is valid for the original consumer against defects in material and workmanship for the periods mentioned below. Linear will repair or replace, at its option, any device that it finds requires service under this warranty, and will return the repaired or replaced device to the consumer at no charge. The device warranty is subject to the following conditions. (a) The device may not cause harmful interference and (b) the device must accept any authorized receiver, including reprogramming that may cause undesired operation.

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