

## Key Points

- The only garage door opener on the market with a **LIFETIME WARRANTY ON THE ENTIRE OPENER**, not just the belt and the motor.
- Ideal for garages with adjacent living spaces, quieter than a belt drive, it is considered the quietest opener on the market.
- Only one moving part – no moving chain or belt. The motor glides silently along a stationary chain that is embedded in a sturdy steel rail, strong and durable like a chain drive.
- No unwanted chain or belt sagging as with traditional garage door openers.
- Very smooth operation with soft start and stop technology. Guarantees longevity of your garage door and opener. Less wear on motor gear and door hardware.
- Back jump feature additionally removes tension from the system after the door has been closed.
- Easy Installation
- No pulleys to install. No wrap around chain.
- Ceiling bracket can slide to any position up to 24 inches away from the head.
- Self-adjusting forces
- As little as 1.5 inches of clearance room needed for installation.
- Sturdy high quality galvanized steel rails, reinforced in the middle by a connecting piece.
- No maintenance or lubricants required
- Superior safety and self-locking motor

## Technical Facts

**Garage Door Opener:**

Direct Drive  $\frac{3}{4}$  HP – for doors up to 500 lbs\*

**Rail:** length for up to 8 ft. tall garage doors, no additional extension kit required. Overall length 137 in.

**3ft. Rail Extension:** compatible with  $\frac{7}{8}$  ft. rail. – for 10 ft. tall doors

**5ft. Rail Extension:** compatible with  $\frac{7}{8}$  ft. rail – for 12 ft. tall doors

**Indicator lights on control housing:**

- Radio light: lights or blinks during programming a transmitter. Solid when button is held down.
- Power light: lights up when the opener is supplied with power.
- Status light: always blinks while the opener opens/closes the door. Blinks before the two learning cycles.
- Safety light: lights up when the photo eye beam is broken.
- Command: lights up when a command is given by the wall station or a transmitter.

**Photo Eyes:**

- Terminal on control housing: 5-6 (non polarity)
- Photo eye with red sticker: receiver. Should be out of direct sunlight.
- Photo eye with green sticker: transmitter.
- Flashing photo eyes LED's: no connection between photo eyes. Adjustment is necessary.
- Solid photo eyes LED's: powered. Make sure they are not connected to 3-4 on the control housing.
- No lighted photo eyes LED's: no connection to control housing.

**Wall Station:**

Terminal on control housing: 3-4 (non polarity)

Green LED: normal operation

Red LED: vacation mode. Transmitter and wall station are locked.

**Transmitter:**

- Programming to control housing: press learn button on control housing once (radio LED solid) – Press desired transmitter button.
- Programming to operate light: press learn button on head twice (radio LED flashing) – Press desired transmitter button.
- Delete all radio codes: press and hold learn button for 30 sec.
- Delete one radio code: press and hold learn button until LED is flashing (7 sec.) – Press desired transmitter button.

\* assuming appropriate balancing.

# Troubleshooting

**Opener does not operate from either wall station or transmitter:**

- No power. Check if "Status" LED on control housing is turned on.
- Insert 6 inch plastic bolt that locks the control housing in place.
- Make sure the slide-in part with connection terminal is in the back of the c-rail facing down.
- Disconnect power. Remove control housing cover. Check terminal/wires: 7-brown, 8-blue, 9+10-red, 11+12-black.
- Plug in the opener. Be sure the power outlet works.
- Are all locks on the door disengaged?
- Has snow or ice built up under door? Door may be frozen to ground. Remove any restrictions/obstructions.
- The garage door spring may be broken.
- Check that the motor carriage is engaged by pulling red rope on motor carriage.

**Opener does not close:**

Check if "Safety" LED on control housing is turned on.

- If yes:
- Photo eyes wires are in wrong terminal. One wire from each eye in terminals 5 + 6 on control housing.
  - Wire may be damaged
  - Photo eyes are not properly aligned
  - LED's on photo eyes must be solid
  - Open motor carriage and check that all wires are connected and not loose.

**Opener does not operate from wall station:**

- Are wiring connections correct? Check wall control wiring.
- Is wall station pushbutton lit? If not, disconnect wires from wall control and momentarily touch them together. If opener runs, replace wall control.
- If opener does not run, check wiring connections at the control housing, check wire for breaks underneath staples.

**Opener does not operate from transmitter:**

- Is the wall station LED turned on? Turn off the vacation mode by holding down the lock button until the red LED turns green.
- Does the transmitter indicator light up when the transmitter button is pressed? If not, replace battery.
- Has the opener learned the code of the transmitter? Press learn button on control housing once (Radio LED solid) and press desired transmitter button.

**Door reverses for no apparent reason:**

- Is something obstructing the door? Pull emergency release handle and open door manually.
- Clear ice or snow from garage floor area where garage door closes.
- Press and hold the "Reset" button on control housing until "Status" LED stops blinking.
- If door reverses from fully closed position, readjust the front limit stop. Opener might not reach the limit switch.

**Control housing lights do not stop blinking:**

- Complete learning cycles. Open and close the door two times to complete the "force" learning process.



www.directdriveopener.com



## Warranty Information

- The only garage door opener with a **LIFETIME WARRANTY\* ON THE ENTIRE OPENER**, not just the belt and the motor.
- This warranty covers the whole operating system and all parts that are associated with the Direct Drive.
- All accessories are guaranteed for two years.
- This warranty starts from the day the opener is installed.
- This warranty covers normal household use.
- The homeowner or installer must fill out the warranty information within 14 days of installation.

\*Warranty is non-transferable.

\*\* Customer must return product parts covered under warranty, to the manufacturer. Customer is responsible for shipping costs associated with returned items.