Installation Quick Reference for Model 928

Guardian™

! **The door operator should always be assembled and installed in the closed position.**

I. Setting UP Limit

1

UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

Press and release LIMIT button

②
UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

Press DOWN button to adjust down limit
Press UP button to adjust up limit

3

UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

LED flashes once

Press and release LIMIT button when desired up limit position is reached

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II. Setting DOWN Limit

①
UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

Press and release LIMIT button twice

②
UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

Press DOWN button to adjust down limit

③

UP · LEARN · OK
DOWN · FORCE · UP
LIMIT · DOWN

LED flashes once

Desired DOWN limit

Press and release Limit button when desired down limit position is reached

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III. Auto Force Adjustment

①
UP · LEARN · OK
DOWN x1 · FORCE · UP
LIMIT · DOWN

Press and release FORCE button

②

I — Travels up
II — Stops at UP limit for 2 seconds — 2s
III — Travels down
IV — Stops at DOWN limit

③
OK Flashes
x3

Manual Force Setting (For Installers ONLY!)

① **UP Force Setting** / **DOWN Force Setting**

LEARN · UP
FORCE · DOWN
LIMIT

Press and hold FORCE button for 2 seconds to enter "UP Force Setting".

Once in "UP Force Setting" press and release force button to toggle between DOWN Force Setting & UP Force Setting.

②
UP · UP
DOWN · DOWN

To Adjust the Force, press and release UP/DOWN button to increase/decrease force. Each press represents one increment and is confirmed by a single beep. When the maximum amount of force allowed is reached each additional press will result in 2 quick beeps indicating the maximum force allowed has been reached.

③
FORCE
OK x3

Press and release "FORCE" button to complete force setting, the "OK" LED will flash and beep 3 times.

Switching Operation Modes

I. Switching from Normal mode to Overdrive mode

①
FORCE · UP
LIMIT · DOWN
> 2 seconds

②
DOWN x1
2 seconds

③
DOWN

II. Switching from Overdrive mode to Normal mode

Method I. Switching Mode

①
FORCE · UP
LIMIT · DOWN
> 2 seconds

②
UP x1

Method II. Restore to factory default

UP · LEARN
DOWN · FORCE
LIMIT
> 5 seconds

Up and Down LED flashes x5

UP
DOWN

I. Switching from Normal mode to Overdrive mode

Press and hold both "FORCE" & "LIMIT" buttons simultaneously for 2 seconds until "DOWN" LED illuminates. (The red DOWN LED indicates the operator has successfully been placed in "Overdrive Mode"). The "DOWN" LED will turn off in 2 seconds. Please proceed to program Travel Limits.

NOTE:

All previous limit settings will be cleared upon switching modes.

Soft start / stop feature is disabled in overdrive mode.

II. Switching from Overdrive mode to Normal mode

Method I. Switching Mode

Repeat #1 in Switching from Normal Mode to Overdrive Mode. The "UP" LED indicates the operator has successfully been placed in "Normal Mode". The "UP" LED will turn off in 2 seconds. Please proceed to program Travel Limits.

NOTE:

All previous limit settings will be cleared upon switching modes.

Method II. Restore to factory default

1. Press and hold "LIMIT" button for about 5 seconds
2. The unit will restart by itself with 5 courtesy LED flashes.
3. The unit is returned to factory default and is ready for programming limits.

NOTE:

All previous limit settings will be cleared upon **switching modes.**

⚠ **Warning!** For your safety, Overdrive Mode operation is NOT recommended. Please check your door immediately!

See Instruction Manual for Further Information.

Operation / Condition	Courtesy Light / Buzzer Responses	Trouble shooting
Opener is initially plugged-in (no travel limits stored)	Green – Red LED flashes 5 times	
Reconnecting power (with travel limits stored)	Light Turns on	
"LEARN" button is pressed	Beeps 1 time	
Upon activation	Light On for 4.5 minutes	
Upon activation by remote transmitters	Beeps 1x, Light on for 4.5 minutes	
Upon activation by remote transmitters	Beeps 2 times	Check vacation lock switch (ON) if no movement.
Remote Transmitter or Keyless Entry PIN code accepted	Beeps 2 times	Code accepted during Learn cycle.
Upon programming remote control or keypad	Beeps 3 times	Remote control code already stored in memory.
Opener is operated without programming	Beeps 5 times	Program or reprogram limits.
Door does not move or travels at abnormal speed	Beeps 12 times	Check power (around 120Vac). If only 1" to 5" of travel--check RPM encoder. Check for worn bushings. Check for slipped collar.
Photo Eye System is obstructed during door-closing	Beeps 20 times	Check PE alignment (solid red & green LEDs). Check environment.
The door is obstructed during travel	Beeps 25 times	Clear obstruction or manually increase force. Check that Cable Tension Monitor is not activating during the travel of the door.
Door Lock not moving	Beeps 7 times	Check that Lock is connected to proper terminals. Check lock's shaft is not stuck.
Cable Tension Monitor activation	Beeps 13 times	Check installation of Cable Tension Monitor. Check that cables are thrown out of the drum. Check spring is not broken.