

LDCO850

Smart Garage Door Operator

Wi-Fi Connectivity
Reliable Power



- **spott™** allows control and monitoring of the LDCO850 garage door operator via mobile device with the Linear PRO Access app
- **spott™** offers up to ten authorized users passive/hands-free opening and closing of the LDCO850 garage door
- Free app can be used with most smartphones and tablets



Ultra-Quiet, Efficient Design, Smart

- Wi-Fi connectivity** with **spott™** and the Linear PRO Access mobile app
- Ultra-smooth, quiet performance** thanks to variable speed operation
- Dimmable LED** light panel, 100W equivalent, energy efficient
- Integrated battery backup included** for peace of mind
- Self-diagnostic system** continually checks for proper operation
- Compatible** with Amazon Alexa, Google Assistant, IFTTT and HomeLink
- American** engineering and quality assurance



The **LDCO850** includes the **MTR3** narrow-band 3-button remote and the **WWS850** multi-function Wi-Fi wall station.



LDCO850 Smart Garage Door Operator

One Operator, Many Applications

Belt drive or chain drive, 7' or 8' T-rail or I-rail

Secure. Responsive Remote Control

Linear remote controls operate over a long range and employ high-security technology.

Easy Door Release

Release the operator's quick-disconnect trolley to open or close the garage door manually.

Self-Diagnostic System

The LDCO850's self-diagnostic system continually checks and confirms proper operation. In the unlikely event of a problem, it pinpoints the trouble and alerts users by flashing the courtesy light.

Options and Accessories

Your Linear PRO Access dealer is the source for everything from additional transmitters (miniature key ring or multi-button visor) to wireless keypads and advanced access systems.



Model LDCO850

UNIT SPECIFICATIONS

DIMENSIONS (with 7' rail)

Installed Length: 124.5"
 Maximum Door Opening: 7' 6"
 Maximum Door Height (with optional rails): 8'
 Headroom Clearance Required: 1.5"

CARTONS

Carton 1 - Operator Head

Contents:

- Garage Door Operator Head
- Integrated battery backup included, 12V, 5.4AH
- WWS850 Wi-Fi Wall Station (w/ 27' wire)
- MTR3 Remote Control
- Obstacle-sensing beams (w/ 35' of wire)
- Mounting hardware

Dimension: 17" x 14.75" x 10"
 Shipping Weight: 23.7 lbs.

Carton 2 - Operator Rail

Contents:

- Pre-assembled, pre-tensioned 7' or 8' T-rail or I-rail, belt drive or chain drive

spott™

Wireless monitoring and control of LDCO850 operator and lighting Utilized via free, downloadable Apple and/or Android mobile device app Compatible with Amazon Alexa, Google Assistant, HomeLink and/or IFTTT Accommodates up to ten authorized users Wi-Fi connection required

CONVENIENCE AND SAFETY

- Obstacle-sensing beams
- Emergency quick release
- Auto trolley reconnect
- Ventilation/pet positioning
- Down safety reverse
- Up safety stop
- Door park on down direction

CODING SYSTEM

- MegaCode®
 - Factory-coded transmitter
 - Learning receiver with learn button
 - Keypad codes and individually-removable transmitters
 - LED indication of RF activity
- Transmitter buttons, keypad codes: 40
 Frequency: 318 MHz
 Operating Range (line of sight): 150' (approx.)
 Operating Temperature: -31°F to 158°F
 Remote Control: MTR3 narrow-band 3-button remote control (1)
 Batteries: 3V 2032 Lithium (1)
 HomeLink® Compatible: Yes

ELECTRICAL SPECIFICATIONS

Power

Line Power: 120 VAC 60 Hz
 Current rating (including lights): 2.5 Amp
 UL 325 listed and compliant
 Length of Power Cord (3 prong): 6 foot
 Logic type: Solid-state microcontroller with built-in surge suppression
 Battery backup: 12V, 5.4AH

Lighting

LED, 100W equivalent, dimmable
 Length of light delay: 4.5 min.

MECHANICAL SPECIFICATIONS

Motor

Power: 800 Newtons
 RPM: 100
 Lubrication: Permanent

Drive Mechanism

Drive Means: Full #410 roller chain or steel-reinforced drive belt
 Reduction means: Motor integrated worm/helical gear reduction, 30:1 ratio
 Door Linkage: Adjustable door arm

Adjustments

Force: Electronic auto setting, auto adjusting, with optional manual modification
 Limit: Electronic, internal

Travel Rate

Approx. 7" per second

Materials

Chassis: Electrogalvanized Steel
 Rail: Electrogalvanized Steel
 Trolley: Lubrication-free Delrin®

WARRANTY

Motor: Lifetime
 Belt: Lifetime
 Chain: 5 year
 Mechanical: 5 year
 Electronic: 1 year

