

# Residential DC Linear Gate Operator

**LA400**

**24VDC-powered residential and light commercial linear gate operator**

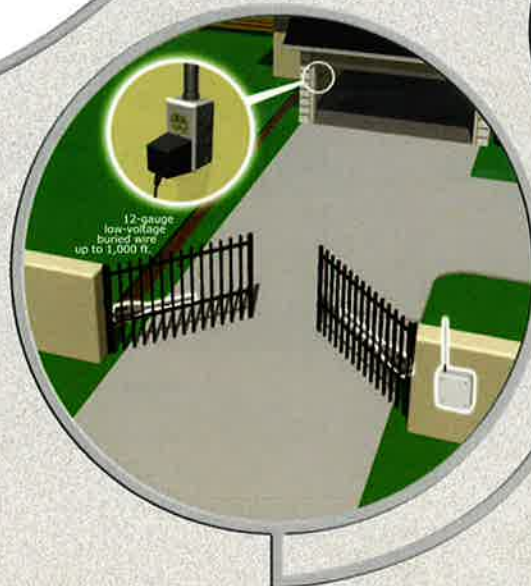
Powerful 24VDC motor provides exceptional starting torque and features soft start/soft stop operation. This promotes longer gate and operator life, as well as dependable performance. The LA400 is capable of operating gates up to 16 ft. long and weighing up to 550 pounds.

**on-board radio receiver**

Exclusive from Chamberlain, a single remote control solution for gates and additional access points.

## **safety, convenience, flexibility**

- Low-voltage operator does not require an electrician and accommodates low-voltage wire run
- Battery-run system ensures full function during power outage
- Solar option
- Simple-to-set electronic limit system
- Easy-to-use inputs for loops, sensing devices and control devices
- Built-in fully adjustable timer to close
- Supports primary/secondary operation
- LED diagnostics to speed installation
- Electronic limit adjustment



**CHAMBERLAIN**

# LiftMaster

**PROFESSIONAL**



**2** year warranty

# standard features

## on-board radio receiver

Radio receiver compatible with all LiftMaster® Security+® and Passport™ 315 MHz remote controls. Allows for one remote control to conveniently open the gate and additional access points. Remote controls sold separately.

## DC operator system

Powerful 24VDC motor provides exceptional starting torque and durability.

## battery-run system

Provides complete operation of the gate operator, including all DC control devices and sensing devices.

## slow start/stop

Reduces the stress and shock to a gate system during starting and stopping. This promotes longer gate and operator life and quieter operation.

## inherent obstruction sensing

This unit's internal obstruction sensing system offers separate force adjustments for both the open and closed directions. If the gate strikes an obstruction, a closing gate will reverse to open and an opening gate will stop.

## external obstruction sensing

Input connections are provided for external contact and non-contact sensors, such as photo-eyes and edge devices.

## control inputs

Control inputs allow the connection of a full range of optional external devices like loop detectors, telephone entry systems, access control systems and radio receivers.

## bi-part latch

Allows for swing gate designs where the wings overlap by letting one wing open before the other wing starts to open, or by letting one wing close before closing the other wing.

## timer to close

Adjustable timer can be set from 0 to 120 seconds. The unit will automatically reset upon receiving any additional open commands.

## LED indicators

Operator input, status and diagnostic LEDs simplify setup and troubleshooting.

## electronic limit system

Simple-to-set electronic limit system allows you to set your limits with just the push of a button.

## keyed manual disconnect

External system allows the user to manually operate the gate easily and efficiently during a power outage.

# optional equipment

## solar panel package\*

Provides operation of the gate operator through the use of combined solar panel and battery system. In the event of a power outage or a significant number of overcast days, a fully charged external 12V battery system provides power to operate gate operator over an extended period of time. Package includes 12V 20W solar panel, 15 ft. of power cable, battery case, mounting post and hardware. A 12V maintenance-free battery is recommended (not supplied).



## master/second package\*

The LA400 is available in a Master/Second package which includes a cable extension kit consisting of 40 ft. of direct burial wire, junction box and connecting hardware. For use in applications where two gate operators are needed.



## antenna package\*

Allows you to put antenna in a more favorable position for optimal radio reception. 86LM Package includes antenna, 15 ft. cable and mounting hardware.

## push to open option\*

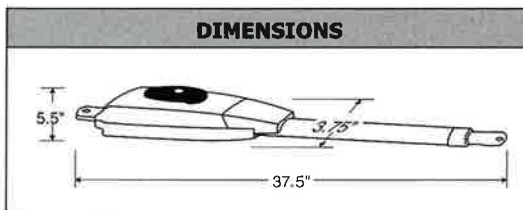
Optional "push to open" bracket allows the gate to swing out from the property.

\*Indicate option needed when ordering operator



The in-vehicle universal remote control.

RECOMMENDED CAPACITIES		
Max. Gate WT. (lbs.)	Max. Gate WIDTH (ft.)	CYCLES /DAY
550	16	100



## SPECIFICATIONS

**OPERATOR SPEED**  
90° in 15 seconds

**POWER REQUIREMENT**  
24VDC

## DIMENSIONS

LA400 Linear Actuator Arm  
Height: 5.5"  
Length: 37.5"  
Width: 3.75"  
LA400 Controller Box  
Height: 14"  
Depth: 6"  
Width: 9"

## OPERATOR WEIGHT

LA400 Linear Actuator Arm: 25 lbs  
LA400 Controller Box: 25 lbs

## ACCESSORY POWER

Two/24VDC Outputs

## UL LISTED

UL325-Class I, II, III, IV

## CONSTRUCTION

Motor: 24VDC with thermal overload protection  
aluminum housing

## MODELS AVAILABLE

LA400 - Single linear actuator arm  
LA400-CONT - Control box for single or master/second application  
LA400-S - Second linear actuator arm with junction box and direct burial cable for all master/second applications

## ADDITIONAL OPTIONS

**U-BOLT MOUNTING KITS**  
50-19509 (6" post mount kit)  
50-19511 (4" post mount kit)  
50-19512 (2.5" post mount kit)

## TRANSMITTERS AND KEYPADS

**SOLENOID LOCK/MAGLOCK**

**LOOP DETECTORS**

**PHOTO-EYES**

**SENSING EDGES**

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