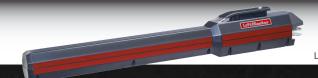# LiftMaster® Gate Operators

LA500DC

Model Number	RESIDENTIAL GATE OPERATORS					ELITE® SERIES COMMERCIAL GATE OPERATORS	
	LA5001PKGDC	LA4001PKGDC	LA4121PKGDC	RSW12VDC	RSL12VDC	CSW24VDC	CSL24VDC
Description	24VDC Residential / Light Commercial Linear Actuator	24VDC Residential Linear Actuator	12VDC Solar Residential Linear Actuator	12VDC Residential/Light Commercial DC Swing Gate Operator	12VDC Residential/Light Commercial DC Slide Gate Operator	24VDC High Traffic Commercial Swing Gate Operator	24VDC High Traffic Commercial Slide Gate Operator
Photo of Gate Operator							
Security+ 2.0™ 3 Channel Receiver (50 remote capacity)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Backup	500 cycles	400 cycles	Solar	147 cycles	114 cycles	146 cycles	208 cycles
Exceptional Standby Power	Up to 24 days standby time	Up to 97 days standby time	Up to 126 days standby time	Up to 63 days standby time	Up to 63 days standby time	Up to 24 days standby time	Up to 24 days standby time
MyQ® Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Best-in-Class Solar Performance (with on board radio (2) 7-AH batteries)	Approx. 43 cycles per day (10W Solar Panel)	Approx. 81 cycles per day (10W Solar Panel)	Approx. 59 cycles per day (10W Solar Panel)	Approx. 19 cycles per day (10W Solar Panel)	Approx. 15 cycles per day (10W Solar Panel)	Approx. 16 cycles per day (20W solar panel)	Approx. 22 cycles per day (20W solar panel)
DC Motor with Soft Start/Stop	24VDC	24VDC	12VDC	12VDC	12VDC	Million Cycle Motor -24VDC	Million Cycle Motor -24VDC
Common Control Board User Interface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Diagnostic Code Display - 2 Digit LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wireless Dual Gate Operation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PosiLock® Feature					Yes		Yes
Pre-Motion Warning Alarm	Yes					Yes	Yes
Fire Department Compliant (Auto Open (or Push Open Slide Gates))	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electronic Limits / Automatic Force	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Control Board Configuration	Main Board and Expansion Board	Main Board Only	Main Board Only	Main Board Only	Main Board Only	Main Board and Expansion Board	Main Board and Expansion Board
Plug-in Loop Detector Inputs	Yes	With optional expansion board *	With optional expansion board *	With optional expansion board *	With optional expansion board *	Yes	Yes
Warranty Period	2 Years	2 Years	2 Years	3 Years	3 Years	7 Years Residential 5 Years Commercial	7 Years Residential 5 Years Commercial
Max Gate Length	18'	16'	16'	16'	25'	18'	50'
Max Gate Weight	1600 lbs	850 lbs	850 lbs	1000 lbs	800 lbs	1200 lbs	1500 lbs.
Recommended Cycles per Day	300	100	100 (See solar chart for specific details)	250	120	Continuous Duty	Continuous Duty

Top Consumer Features

* Expansion Board includes three additional configurable Safety Inputs, Plug-in Loops, Anti Tailgate, Quick Close, 3-Second Pre-Motion Warning and 2-Programmable Relays.

** Cycles noted are for Zone 1 (6 hours sunlight per day).

LiftMaster®

Unrivaled Performance, Security and Accessibility

Introducing our new LiftMaster DC Gate Operator line up, these best-in-class features come standard!

- **MyQ**® **Technology** enables you to monitor and control your gate operator and lights with your smartphone for greater peace of mind (when paired with the model 828LM LiftMaster Internet Gateway).
- **Battery Backup** safeguards your property by providing more cycles or days of standby time than ever before.
- **Security+ 2.0**™ patented multi-frequency secure radio technology virtually eliminates interference and offers 2X the range of standard remotes to access your property quickly and safely.

Additional value added features:

- **Best-in-Class Solar Performance Ultra-Reliable System** delivers power when you need it most to operate the gate and is extremely power efficient at all other times to maximize solar performance.
- **Common Control Board User Interface** simplifies installation and troubleshooting.
- **Diagnostic 2 Digit LED Display** speeds installation and troubleshooting by quickly diagnosing any fault conditions. Logs up to 20 past events.
- **Wireless Dual-Gate Operation** saves from unsightly driveway scars and expensive wiring.
- **Auto Force Adjustment** reduces call backs. Automatically learns the force profile of gate and adjusts the force setting over time as the gate hardware may wear to provide consistent and safe operation.
- **PosiLock**® **Feature** ensures if gate is forced off of closed limit, operator will power on and return gate to closed position quickly securing property.
- **Fire Department Compliant DC Operators** meets Fire Marshall requirements for emergency access. Selectable switch configurations can tailor the performance for the most demanding fire department specifications.
- **Expansion Board** features include: Plug-in Loops, Anti Tailgate, Quick Close, 3 second pre-motion warning and 2 programmable relays. Expansion board is optional on LA400DC, LA412DC, RSL12VDC, RSW12VDC, and standard on LA500DC, CSL24VDC, and CSW24VDC.
- **Plug-in Loop Detector Inputs** innovative design ensures vehicles are easily identified to exit property or interrupt gate travel if a vehicle is in its path.
- **Programmable Auxiliary Relays** save time and money when adding on auxiliary devices. Two programmable relays with six settings each simplify adding additional features. Switch on/off devices at open or close limits.
- **Quick Close / Anti Tailgate** quickly secures gate and prevents unauthorized access.
- **Pre-Motion Warning Alarm Selectable Feature** activates on board alarm 3 seconds prior to gate motion.
- **Dual-Voltage Capability Flexible Wiring Options**, simply 'plug-in' your selection for 120V or 230V single phase (LA500DC, CSL24VDC, CSW24VDC).

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