MAXUM

Next Generation
DC Commercial Door Operator
JHDC Hoist

PRODUCT GUIDE

Scan to learn more about
the JHDC Hoist

Faster. Simpler. Smarter.

LiftMaster
POWERED BY myQ

JHDC HOIST

LiftMaster® is pioneering MAXUM, the next generation of innovation for commercial door automation. This all-new commercial door operator is a state-of-the-art platform that introduces next-level versatility in a sleek, purpose-built design that's easier to install and service. With unrivaled performance and intelligence, the new line-up will help today's commercial facilities take the next step toward a smarter future.

Models available for up to 700 lb., 1200 lb. and 2200 lb. doors.

Popular Features

Manual Hoist Operation
Quickly switch to manual operation to easily move door with included hoist chain.

Smooth Start/Stop Operation
Extends the life of the operator and door hardware.

Faster Speed
Average of 12" per second opening on sectional doors, and 8-9" per second on rolling steel doors.

Floor Level Wall Controller
4-line LCD display gives you access to more information at all times. Bringing programming, troubleshooting and diagnostics down to the floor level will save you time and money.

Battery Backup Capable
Allows for seamless operation when power is out.

Advanced Diagnostics and Troubleshooting
Receive real-time feedback and alerts, allowing for fast troubleshooting and reduced downtime.

Built-in myQ + Wi-Fi® Capabilities
Connect to myQ Facility via Wi-Fi for visibility into what is happening at your door and control it from your web browser. No need for additional hubs or accessories. Know what accessories activate the door (remote, keypad, etc.)

Security+ 2.0 on Board Radio Receiver
Manage up to 90 remotes.

Motor
Built with a high efficiency motor and gearbox. Delivers robust performance with the flexibility to move your sectional or rolling door applications.

Lighter Weight
Easier installation at up to 20 lbs. lighter than comparable AC operators.

Control Board
Designed to have everything at your fingertips. Color coded, push-to-release terminals allow for easy and secure wiring, no tools necessary.

3 Monitored Entrapment Protection Inputs
Protect up to 3 entrapment protection points with every installation.

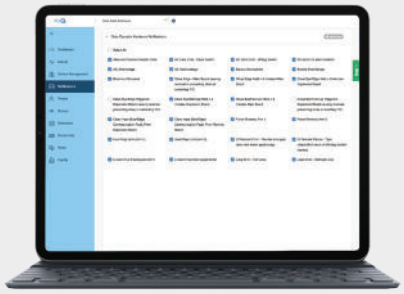
UL® Listed
LiftMaster Commercial Door Operators are listed to ANSI/CAN/UL325 Standard for USA/Canada and are certified to NOM/IFETEL Standards for Mexico.

Industrial-Grade Design
Durable metal chassis frame and plastic E-Box offers strength and flexibility with installation. E-Box hinge design allows for easy cover removal for enhanced accessibility.

Connect and stay on top with myQ Facility.

Enhanced Features

- Door Monitor and Control
- Enhanced Diagnostics and Error Codes
- Cycle Counts (Operator Absolute & Service)
- Simple device provisioning process, stable connection to the cloud
- Timely sensing throughout door travel
- Cloud Access Control
- Transmitter Management:
  Unlock 1,000 learned transmitter capabilities to track specific people tied to those transmitters



myQ Facility is a cloud-based solution that keeps you up to date and in control of all of your facility's access points. This allows you to work smarter, improve efficiencies and reduce expenses.*

*When linked with an access control, Powered by myQ, cellular data or Wi-Fi connection required. Test equipment regularly and follow safety instructions.

Included Accessories

CPS-U

Monitored Through-Beam Photo Eye

The CPS-U is a proven design photo eye and engineered for ease of alignment at installation; max. range: 30 ft.

NEMA 4X units include CPS-UN4.

DCWALLCTL

Floor Level Wall Controller

Menu based user interface allows you to scroll through, edit and save options and settings easily. 4-line LCD display gives you convenient access to even more information in seconds.

Faster Setup and Added Personalization: Allows the user to only access settings and options needed for installation.

Increased Security: This user interface gives customers peace of mind by requiring a password-protected code to access any door and alter speed settings.

Default text language is English (Spanish and French selectable in menu)

Recommended Accessories

Edges and Wireless Edge Devices

A contact edge sensor stops and/or reverses a moving door when sensing an obstruction in its pathway. Add the LMWEKITU to eliminate the need for wiring between LiftMaster Monitored Resistive Edges and our new Commercial Door Operators.

Loop Detectors/Loops (LPEXP)

Loops prevent the door from closing on a vehicle in its path with strong sensors and wires installed in the ground. Add the LOOPDETLM detector, which plugs into the board for ease of installation.

Auxiliary Relay Board (AUXREL)

Easy to install accessory board for auxiliary limit switches, lights, bells, horns, strobes, and other devices.

Red/Green Light (RGL-CTL)

18 red/green high-intensity LEDs: Suitable for single lane operations and clear visibility.

Monitored Light Curtain (LC36M)

Provides up to 33 ft. of protection range and a minimum of 36 in. of height coverage to keep your equipment safe.

Cable Tension Monitors

K41-0157-000-Commercial CTM (Right)
K41-0156-000-Commercial CTM (Left)
Easy to install. Provides additional door and operator protection by reversing a closing door if excess cable slack is detected.

Chain Tensioner (Spreader Bar)

CHAINTENSDC - 1" Chain Tensioner
CHAINTENS125DC - 1.25" Chain Tensioner

Battery Backup (DC7AH)

Provides battery power in case of power outage. Two batteries and mounting bracket included.

The entrapment protection devices listed in the product manual have been thoroughly tested by the agencies for full system compliance.

Sectional Doors | 12-Tooth (700/1200) & 10-Tooth (2200)						
Drum Diameter	**Door Sprocket for Desired Speed**					
	For 10-12 in/sec Door Speed			**For 9-10 in/sec Door Speed**		
	Sprocket Tooth Count	**1 in. Bore 1/4 in. Keyway**	**1.25 in. Bore 1/4 in. Keyway**	**Sprocket Tooth Count**	**1 in. Bore 1/4 in. Keyway**	**1.25 in. Bore 1/4 in. Keyway**
4"	16-Tooth	71-1550B16LGH	71-1550B16QGH	24-Tooth	71-1550B24LGH	71-1550B24QGH
5.25" - 5.75" & 8.5" (Vertical Lift)	24-Tooth	71-1550B24LGH	71-1550B24QGH	32-Tooth	71-1550B32LGH	71-1550B32QGH
6.375" - 11"	32-Tooth	71-1550B32LGH	71-1550B32QGH	42-Tooth	71-1550B42LGH	71-1550B42QGH
13.5"	42-Tooth	71-1550B42LGH	71-1550B42QGH	56-Tooth	71-1550B56LGH	71-1550B56QGH
Not Sure	24-Tooth	71-1550B24LGH	71-1550B24QGH	32-Tooth	71-1550B32LGH	71-1550B32QGH

Rolling Doors | 12-Tooth				
Operator Series	**Uninsulated - Max 20ft Height - 8-9 in/sec Door Speed**		**Insulated - Max 20ft Height - 8-9 in/sec Door Speed**	
	Door Weight	**Sprocket Tooth Count**	**Door Weight**	**Sprocket Tooth Count**
700	up to 450 lbs	50-Tooth	up to 450 lbs	60-Tooth
	450 to 700 lbs	72-Tooth		
1200	1200 to 1800 lbs	72-Tooth	450 to 900 lbs	72-Tooth
	1800 to 2200 lbs			

Rolling Doors | 10-Tooth (Standard for JHDC 2200 - Available as accessory kit for 700/1200 - part #71-1550B10LGH)				
Operator Series	**Uninsulated - Max 20ft Height - 8-9 in/sec Door Speed**		**Insulated - Max 20ft Height - 8-9 in/sec Door Speed**	
	Door Weight	**Sprocket Tooth Count**	**Door Weight**	**Sprocket Tooth Count**
700	up to 450 lbs	42-Tooth	up to 450 lbs	50-Tooth
	450 to 700 lbs	56-Tooth		
1200	700 to 1200 lbs	56-Tooth	450 to 900 lbs	60-Tooth
2200	1200 to 1800 lbs	56-Tooth	900 to 2200 lbs	72-Tooth
	1800 to 2200 lbs	72-Tooth		

Features

Mechanic

- 24VDC Motor Drive
- 65:1 Gearbox with #50 Chain
- Dynamic braking standard on all MAXUM operators. 2200 series operators include electromechanical holding brake
- Dual Handing: Right or left no longer required for order
- Mounted Keyhole Slots: Created for installers to easily access and fasten the operator to the wall
- Removable Front Cover
- Captive E-Box Screws: Remain in place when opening and removing cover

Power

120Vac 1PH/240Vac 1/3PH; 480Vac 3PH; 208Vac 3PH (via transformer); 600Vac 3PH (via transformer)

Temperature Range

Without heater	-4°F (-20°C) to +149°F (65°C)
With heater (HTR)	-40°F (-40°C) to +149°F (65°C)

Dimensions

- Operator 700 lb. / 9.8" W x 25.7" H x 12.1" D
- Operator 1200 lb. / 9.8" W x 26.0" H x 12.1" D
- Operator 2200 lb. / 11.6" W x 33.1" H x 12.6" D
- Floor Level Wall Controller / 3.6" W x 8.2" H x 1.7" D

Warranty

- 5 Years Limited Warranty
- Photoeyes - 1 Year
- Replacement Parts - 1 Year
- LCD Wall Control - 1 Year

MAXUM Operator

- Standard Duty - 5 YEARS / 85,000 Cycles*
- Extended Duty - 5 YEARS / 130,000 Cycles*

Carton Contents

- Operator
- Antenna
- CPS-U (NEMA 4X units include CPS-UN4)
- DCWALLCTL
- 25 ft. of hoist chain (additional chain can be purchased separately)

Business Partners

For Sales | 800.282.6225
For Technical Support | 800.528.2806
For Billing | 800.323.2276
To Learn More | LiftMaster.com

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*Cycle count measurement will commence at the start of the warranty period; however, cycle counts will not be used to determine warranty eligibility until conclusion of the first two (2) years of limited warranty period.

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