

# MAXUM

Next Generation  
DC Commercial Door Operators

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## JHDC HOIST



**PRODUCT GUIDE**



Scan to learn more about  
the JHDC Hoist

**Fast. Smart. Simple.**

**LiftMaster**

POWERED BY myQ

For more information, please visit [www.devancocanada.com](http://www.devancocanada.com) or call toll free at 1-855-931-3334

# 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.

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## Popular Features

### 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

Provides seamless operation by providing standby power when the power is down.

### Advanced Diagnostics and Troubleshooting

No more flashing LEDs. Receive real-time alerts and relevant information at your fingertips.

### Wi-Fi®

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 controllers.



### Motor

Built with a high efficiency motor and gearbox. Provides an adequate amount of power needed to move your sectional or rolling door installations.

### Lighter Weight

The new Hoist operator is 30 lbs. lighter than the 1/2 HP Logic 5.0 operator.

### Control Board

Designed to have everything at your fingertips. The new push and play terminals are designed with you in mind. Just press down and secure your wires, no tools necessary. Color coded terminals for easy identification of all your wiring needs.

### 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.

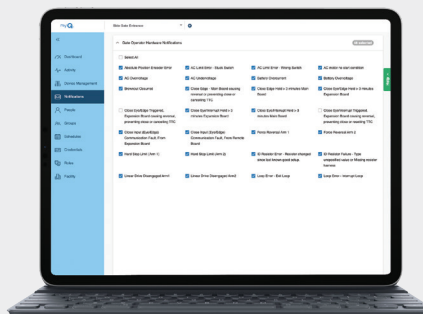
### Industrial-Grade Design

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.



## 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 LOOPDETLMD 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.

**CHAI TENS DC** - Chain Tensioner

Recommended Door Sprocket Tables (Note: Door Sprockets sold separately.)

| Sectional Doors   Recommended Door Sprockets |                                 |                              |                                 |                             |                              |                                 |
|----------------------------------------------|---------------------------------|------------------------------|---------------------------------|-----------------------------|------------------------------|---------------------------------|
| Drum Diameter<br>(Large end of Conical Drum) | Door Sprocket for Desired Speed |                              |                                 |                             |                              |                                 |
|                                              | For 12 inches/sec Door Speed    |                              |                                 | For 9 inches/sec Door Speed |                              |                                 |
|                                              | Tooth Count                     | 1 in. Bore<br>1/4 in. Keyway | 1.25 in. Bore<br>1/4 in. Keyway | Tooth Count                 | 1 in. Bore<br>1/4 in. Keyway | 1.25 in. Bore<br>1/4 in. Keyway |
| 4"                                           | 16-Tooth                        | 71-1550B16LGH                | 71-1550B16QGH                   | 22-Tooth                    | 71-1550B22LGH                | 71-1550B22QGH                   |
| 5.25"                                        | 22-Tooth                        | 71-1550B22LGH                | 71-1550B22QGH                   | 32-Tooth                    | 71-1550B32LGH                | 71-1550B32QGH                   |
| 5.75"                                        | 24-Tooth                        | 71-1550B24LGH                | 71-1550B24QGH                   | 34-Tooth                    | 71-1550B34LGH                | 71-1550B34QGH                   |
| 6.375"                                       | 32-Tooth                        | 71-1550B32LGH                | 71-1550B32QGH                   | 42-Tooth                    | 71-1550B42LGH                | 71-1550B42QGH                   |
| 8"                                           |                                 |                              |                                 |                             |                              |                                 |
| 8.5"                                         | 24-Tooth                        | 71-1550B24LGH                | 71-1550B24QGH                   | 34-Tooth                    | 71-1550B34LGH                | 71-1550B34QGH                   |
| 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*                                    | 22-Tooth                        | 71-1550B22LGH                | 71-1550B22QGH                   |                             |                              |                                 |
|                                              | 32-Tooth                        | 71-1550B32LGH                | 71-1550B32QGH                   | 32-Tooth                    | 71-1550B32LGH                | 71-1550B32QGH                   |
|                                              |                                 |                              |                                 | 42-Tooth                    | 71-1550B42LGH                | 71-1550B42QGH                   |

\* 700 & 1200 series operators use 22 & 32 tooth; 2200 series operators use 32 & 42 tooth

| Rolling Doors, Uninsulated   Recommended Door Sprockets |                  |             |                              |                                 |                              |                                 |
|---------------------------------------------------------|------------------|-------------|------------------------------|---------------------------------|------------------------------|---------------------------------|
| Max 20ft Door Height - 8-9 inches/sec Door Speed        |                  |             |                              |                                 |                              |                                 |
| Operator Series                                         | Door Weight      | Tooth Count | 1 in. Bore<br>1/4 in. Keyway | 1.25 in. Bore<br>1/4 in. Keyway | 1 in. Bore<br>3/8 in. Keyway | 1.25 in. Bore<br>3/8 in. Keyway |
| 700                                                     | up to 450 lbs    | 50-Tooth    | 71-1550B50LGH                | 71-1550B50QGH                   | 71-1550B50LKH                | 71-1550B50QKH                   |
|                                                         | 450 to 700 lbs   | 72-Tooth    | 71-1550B72LGH                | 71-1550B72QGH                   | 71-1550B72LKH                | 71-1550B72QKH                   |
| 1200                                                    | 700 to 1200 lbs  |             |                              |                                 |                              |                                 |
| 2200                                                    | 1200 to 1800 lbs | 82-Tooth    | 71-1550B82LGH                | 71-1550B82QGH                   | 71-1550B82LKH                | 71-1550B82QKH                   |
|                                                         | 1800 to 2200 lbs |             |                              |                                 |                              |                                 |
| Rolling Doors, Insulated   Recommended Door Sprockets   |                  |             |                              |                                 |                              |                                 |
| Max 20ft Door Height - 8-9 inches/sec Door Speed        |                  |             |                              |                                 |                              |                                 |
| Operator Series                                         | Door Weight      | Tooth Count | 1 in. Bore<br>1/4 in. Keyway | 1.25 in. Bore<br>1/4 in. Keyway | 1 in. Bore<br>3/8 in. Keyway | 1.25 in. Bore<br>3/8 in. Keyway |
| 700                                                     | up to 450 lbs    | 60-Tooth    | 71-1550B60LGH                | 71-1550B60QGH                   | 71-1550B60LKH                | 71-1550B60QKH                   |
| 1200                                                    | 450 to 900 lbs   | 72-Tooth    | 71-1550B72LGH                | 71-1550B72QGH                   | 71-1550B72LKH                | 71-1550B72QKH                   |
| 2200                                                    | 900 to 2000 lbs  | 82-Tooth    | 71-1550B82LGH                | 71-1550B82QGH                   | 71-1550B82LKH                | 71-1550B82QKH                   |

Features

Mechanic

- 24VDC Motor Drive
- 65:1 Gearbox with #50 Chain
- Electromechanical Brake for operators that support 700 lbs. and 1200 lbs. doors, 2200 lbs. operators brake is standard
- 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

Business Partners

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

Power

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

Temperature

|                   |                              |
|-------------------|------------------------------|
| Without heater    | -4°F (-20°C) – 140°F (60°C)  |
| With heater (HTR) | -40°F (-40°C) – 140°F (60°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 8.1" H x 1.7" D

Warranty

- 2 years commercial

Carton Contents

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