



It's Time to Make Gate Safety a Priority

24VDC High-Traffic
Overhead Door and Gate Operator

HCTDCU



AVAILABLE SPRING 2016



Unrivaled Performance, Safety and Accessibility

Built to deliver unsurpassed safety and performance, our 2016 UL Listed Gate Operators and Monitored Safety Entrapment Devices provide peace of mind for every gate application.

NOW INCLUDED:

Monitored Retro-Reflective Photo Eye (LMRRU)



LiftMaster

ELITE SERIES®

HCTDCU: Setting the New Standard with Best-in-Class Features

Engineered for over 1 Million Cycles, Our P3 Motor® is designed to perform in the most demanding environments.

Heavy-Duty Commercial Gear-Driven Transmission provides unsurpassed reliability.

Soft Start/Stop and Mid-Travel Reversal extends operator and hardware life in high-cycle and heavy-gate applications.

Keyed Manual Disconnect is secure, yet allows the gate or door to be operated manually.

IDEAL FOR

Parking garages and commercial workplaces where space is limited and seamless access is required.

WARRANTY

Five years commercial.



Designed with Noise Isolators for exceptionally quiet performance.

Low Profile Design at only 8 inches high it is designed for installation in even the tightest applications.

Fire Department Compliance allows gate or door to auto open or push-to-open upon loss of AC power or battery depletion.

Surge Suppression provides industrial surge and lightning protection against strikes up to 50 feet away.

Quick Close/Anti-Tailgate quickly secures property, preventing unauthorized access.

Exclusively LiftMaster®: What Sets Us Apart



Secures and safeguards your property by providing up to **112* cycles or up to 72 days*** of standby power when the power is down.



Keep traffic flowing with Security+ 2.0® Technology that utilizes a tri-band signal that virtually eliminates interference and offers extended range each time the remote control is used.



Securely control and monitor your Gate Operator from anywhere and get activity notifications through the MyQ® app.



LiftMaster has designed its own purpose built high-cycle high-temperature continuous duty motor to meet the exact requirements needed to open and close your gate.

* Basic setup with remote controls programmed. Does not include added accessory power draw. LiftMaster low power draw accessories recommended to extend cycles and standby time on battery backup.

New 2016 UL 325 Gate Guidelines

LiftMaster is committed to helping the industry design, install and service safe gate applications that are tested and certified to meet the most stringent industry safety standards.

What You Need to Know:

- Two monitored safety entrapment protection devices must be installed at each entrapment point, including:
 - The inherent reversing system built in to each LiftMaster Gate Operator
 - LiftMaster Monitored Photo Eyes and/or Edge Sensors**
- Gate operators will now monitor for fault conditions of external entrapment protection devices.
- New regulations go into effect January 2016.



Safety Accessories



Monitored Retro-Reflective Photo Eye (LMRRU)

- Sensing distance up to 50 ft., NEMA 4X.
- Hoods come standard.



Monitored Through-Beam Photo Eyes (LMTBU)

- Wireless network mode eliminates the need to wire between operators in dual-gate applications.
- Sensing distance up to 90 ft., NEMA 4X.
- Hoods come standard.



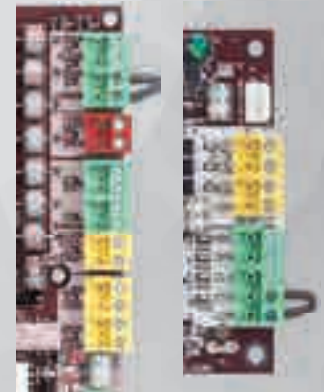
Monitored Wireless Edge Kit (LMWEKITU)

- Low-energy Bluetooth® transmission provides industry-leading battery life (2 years).
- Accepts up to 4 transceivers, 2 resistive edges per transceiver.
- Sensing distance up to 130 ft., NEMA 4X.
- Compatible with LiftMaster Monitored Edges.

****Only LiftMaster Monitored Photo Eyes or Edge Sensors may be used with this operator to meet the 2016 UL 325 Standard.**

Monitored Safety Inputs

Come standard with the HCTDCU.



- Includes 6 Monitored Safety Inputs to cover all entrapment points.

Add to Your System



Plug-in Loop Detector (LOOPDETLM)

Ensures vehicles are easily identified to exit property or interrupt gate travel if a vehicle is in its path.

Power-efficient design uses less power to maximize cycles when operating on Battery Backup.



Internet Gateway (828LM)**

Connects your MyQ®-Enabled Gate or Door Operator to the Internet with this device and the free MyQ app.



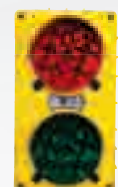
Wireless Commercial Keypad (KPW250)

Sleek, zinc-alloy metal front cover is extremely durable. Electronics encapsulated for reliable outdoor use. Compatible with Security+ 2.0®, Security+® and Linear MultiCode®.† 250-code capacity.



2-Button and 4-Button Security+ 2.0® Learning Remote Controls (892LT/894LT)

Can learn or clone other LiftMaster codes or frequencies.



Red/Green Traffic Light (RGL24LY)

Indicates when a gate or door reaches the open position. Provides assurance of safe entering and exiting of the facility, reducing the potential for costly accidents.

*** Internet Gateway Accessory functionality is dependent on communication with a MyQ®-Enabled Gate Operator. MyQ Technology communication can be limited by distance and type of exterior building materials. A general range estimate is 300 ft.

† MultiCode is a registered trademark of Nortek Security & Control LLC.

24VDC High-Traffic Overhead Door and Gate Operator

HCTDCU

FEATURES

LED DIAGNOSTIC DISPLAY Simplifies installation and troubleshooting.



PROGRAMMABLE AUXILIARY RELAYS

Easily add additional features, such as warning lights/alarms.

PRE-MOTION WARNING ALARM Activates on-board alarm three seconds prior to gate motion.

POSILOCK® Automatically powers the operator and returns a gate or door to the closed position when gate is pushed off of closed limit.

ANTI-TAILGATE Prevents unauthorized access. Gate will pause when closing as vehicle pulls onto interrupt loop or breaks photo beam. Once vehicle backs up, gate will continue to close.

QUICK CLOSE Closes the gate immediately after a vehicle pulls off the interrupt loop.

EXTERNAL ALARM RESET BUTTON Allows for quick reset of the gate operator when the alarm has been activated.

DYNAMIC BRAKING SYSTEM Adds substantial gate position control at all points in travel. This brake system also prevents the gate or door from being back-driven.

MAXIMUM RUN TIMER Protects against damage to the gate and operator by limiting the unit's runtime to 120 seconds.

HOMELINK® COMPATIBLE Version 4 and higher.

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

Up to 50 remote controls (unlimited with 811LM/813LM).

SPECIFICATIONS

POWER

120V/230V Single Phase.

ACCESSORY POWER

24VDC 500mA max. for on +SW (switched).

MONITORED SAFETY INPUTS

3 Main Board, 3 Expansion Board.

TEMPERATURE SPECIFICATIONS

-4°F (-20°C) to 140°F (60°C).

CONSTRUCTION

P3 MOTOR®

24VDC continuous-duty motor.

OPERATOR DUTY RATING

High-cycle, high-temperature continuous duty.

CHASSIS

Constructed with 1/4 in. gold zinc-plated steel for rust prevention.

WORM GEAR REDUCTION

Oil bath gearbox with 28:1 Gear Reducer.

TROLLEY ASSEMBLY

Heavy-duty 12-gauge steel track with 6 UHMW rollers.

OPERATOR WEIGHT

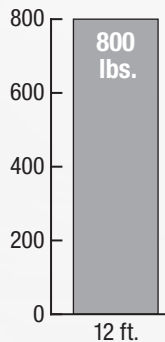
8 ft. = 150 lbs.

10 ft. = 154 lbs.

12 ft. = 158 lbs.

RECOMMENDED CAPACITIES

Rated for overhead doors or gates with up to 12 ft. rail or weighing up to 800 lbs.



BATTERY BACKUP OPERATION

BATTERY	CYCLES	STANDBY TIME
(2) 7Ah	112	72 Days

UL USAGE CLASSIFICATION

II, III, and IV.

GATE TRAVEL SPEED

8 in. per second.

ADDITIONAL ACCESSORIES



Internet Protocol Access Control (IPAC)
Easy-to-use touch-screen outdoor access control system.



3-Button Passport MAX Visor Remote Control (PPV3M) Compatible with the IPAC and Passport Receiver (PPWR).



Door and Gate Monitor (829LM) Monitor or close the gate from any room in your facility.



Universal Single and 3-Button Remote Controls (811LM/813LM) Ideal for applications requiring a large number of remote controls.

HCTDCU – Powerhead only

HCT08 – 8' rail only

HCT10 – 10' rail only

HCT12 – 12' rail only

