

TECHN[^]

Barrier Gate Operators

PBG Parking/High-Speed
Barrier Gate Operator



Simple. Reliable. Smart.

LiftMaster

POWERED BY myQ.

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PBG BARRIER GATE OPERATOR

Next Generation TECHNA Barrier Gate Operators from LiftMaster® are the perfect product for parking managers. They enhance the efficiency of traffic flow at your property to help you increase revenue.

The hardware is fast, durable, easy to maintain, and long lasting, while the connected software increases visibility at your parking structure or lot. Easily streamline traffic flow and prevent tailgating at the exit. As parking manager, you will always know what is happening at your site- from anywhere.

Popular Features

High Speed Operation

This LiftMaster Brushless DC motor was specially developed with a direct drive system for continuous duty. With advanced precise control, experience unlimited cycles faster than 2 second open and close duration. This operator is a must where getting in and out quickly matters.

LED Tower

Programmable red and green LED lights in barrier tower provide greater visibility to the operator and help drivers determine when to stop and go.

Breakaway Arm Technology

Manage arm strikes with the breakaway arm mounting bracket. Orient the arm to swing away, or to break away from the bracket providing maximum flexibility.

Maximize Revenue Capture

Connect the gate and you'll receive an alert when there is an arm strike..

Slow Start/Stop Operation

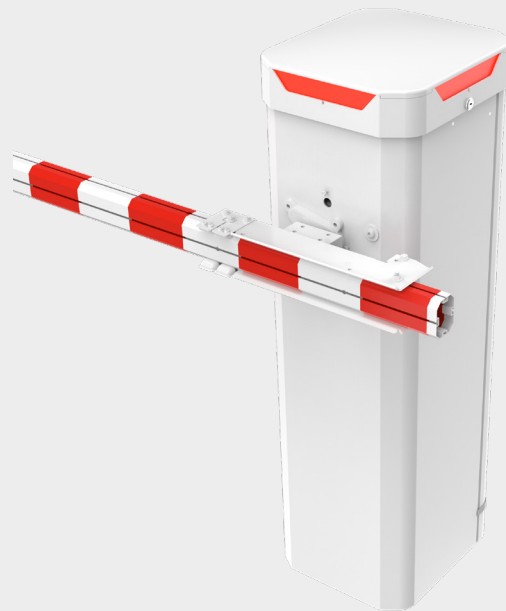
Extends the life of the operator and arm durability.

Battery Backup Capability

Seamless operation when power is down. Standard with all operators.

Advanced Connectivity

Connect to myQ® community and facility app via Wi-Fi® or ethernet to gain visibility into what is happening at the operator. Update operator settings, review error codes, and set alerts for issues like vehicle strikes.



Control Board

Our new systems display helps ease setup by walking through the process in clear steps. Easy to setup SAMS (Sequenced Access Management System) or other types of vehicular control scenarios.

Innovative Counterbalance System

The LiftMaster system is more simplified than previous versions only requiring springs to be placed internally on a shaft. Arm type and length will determine the number of springs required. No need to set counterbalance or preload setting. This system is more advanced and easier to use, simply requiring enough tension to be able to move against the motor.

Modular Arm Design

Arms are shipped in modular pieces to limit damage during transit making it easier and more convenient to move around.

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.

Recommended Accessories

Barrier Arms for all Applications

Standard Arm

Arms are shipped in modular sections for easier transportation and installation

BGARM10 – 10ft modular arm

BGARM12 – 12ft modular arm

Length denotes lane coverage

Programmable LED Arm

Modular arms with programmable red/green LED's for exceptional visibility. LED red and green programming can be synchronized with barrier operator tower for improved traffic control

BGARM10LED – 10ft modular LED Arm

BGARM12LED- 12ft modular LED Arm

Articulated Arm

All new, simple to install, durable articulated arms for low ceiling height and tight spaces

98" maximum height

BGARM10ART98 – 10ft arm

BGARM12ART98 – 12ft arm

84" maximum height

BGARM10ART84 – 10ft arm

BGARM12ART84 – 12ft arm

Wireless Edges

When using an edge, upgrade to the LMWEKITU to eliminate the need for wiring.

Alarm for Pedestrians

Alert nearby pedestrians that a vehicle is entering or exiting.

Heater

For low temperature locations, add the HTR to ensure that the system stays warm to operate smoothly.

Loop Detectors

Plug in the LOOPDETLM to prevent gate movement when a vehicle is nearby or to control vehicle movement between operators.

Battery Backup

For areas that sustain power interruptions, 2 12V 7Ah batteries are included with each operator. Upgrade to the 485LM for more cycles under battery power.

Solar Panels

When power is not available, solar panels SP20W12V and SP10W12V can be the solution to provide power to the operator.



Connect and stay on top with the myQ ecosystem.

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

PBG connects ecosystems with all of the myQ ecosystem. myQ Community lets you manage and control all property entrances from one dashboard to enhance visibility to access or monitor use and offer residents modern amenities. myQ Facility is a cloud-based solution that helps you stay in control of all your facility's access points, docks and more. 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.



Specifications

Mechanics

- 24VDC Brushless Continuous Duty Drive System
- Direct drive system with oil bath gearbox
- Removable front cover and tilt up top cover
- Maximum lane coverage 12ft

Power

- 120Vac/230Vac 1PH
- 3PHCONV optional kit converts an input voltage of 208Vac/230Vac/460Vac/575VAC to an output voltage of 120VAC
- Accessory Power: 24VDC 500mA output with switched and unswitched power

Commercial-Grade Design

- Aluminum Housing with Aluminum LED top cover
- UL Listed: UL 325 and UL 991 – Class I, II, III, IV

Additional Features

- High Resolution, backlit LED display
- Advanced Diagnostics with vehicle strike detection
- Arm Mounting bracket for multiple arm mounting solutions, including breakaway system that does not detach arm from operator
- Connect to Wi-Fi for over the air updates
- Security+ 2.0® on Board Radio Receiver
 - Up to 50 remote controls
- Direct plug-in Loop Detector (LOOPDETLM)

Temperature

Without heater	-4°F (-20°C) – 140°F (60°C)
With heater (HTR)	-40°F (-40°C) – 140°F (60°C)

Dimensions

14.8" W x 47.4" H x 18.9" D

Carton Contents

- Operator
- Springs
- 7Ah Batteries

Warranty

- 2 Years

