

TECHNA

Next Generation
DC Commercial Barrier Gate Operator
CBG24DCW / CBG24DCG



PRODUCT GUIDE



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the DC Commercial Barrier Gate Operator

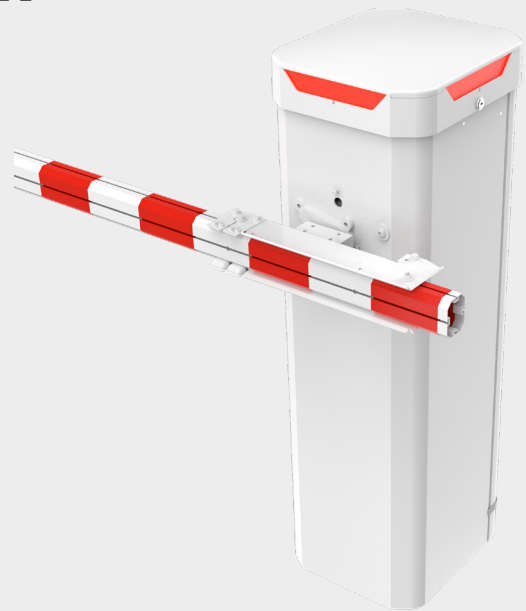
Smart. Simple. Built to Last.

LiftMaster | myQ[®]
COMMERCIAL SOLUTIONS

CBG COMMERCIAL BARRIER GATE OPERATOR

Introducing TECHNA, the next generation barrier gate operators from LiftMaster®. This ground-up redesign brings exciting new features, durability and peace of mind while managing the high traffic areas of your property. It's an all-in-one solution that property managers, facility managers, communities, and visitors will love.

The CBG (Commercial/Community Barrier Gate) operator enables smooth access for authorized visitors and accompanying traffic flow, while preventing tailgating. It's a great advantage for communities and facilities seeking to improve and control traffic management. With enhanced ease of use and improved access control, this is the ideal operator for residential communities, commercial properties and distribution facilities requiring secure and reliable 24/7 access.



Key Features

High Speed Operation

This LiftMaster Brushless DC motor was specially developed with a direct drive system for continuous duty. With advanced motion control, experience smooth vehicle flow with a 2.5 sec open and close duration. This operator is a must where getting in and out quickly matters.

LED Tower

The integrated programmable LED lights (red and green) in the barrier tower provide clear visual cues to operators and drivers, enhancing safety and efficiency.

Breakaway Arm Technology

The arm mounting bracket allows the arm to be mounted in a swing away or break away orientation, minimizing damage from arm strikes. A gate system connected to myQ will provide you notifications when strikes occur.

Slow Start/Stop Operation

Extends the life of the operator and arm durability.

Standard Battery Backup

Seamless operation when power is down.
Standard with all operators. Solar kit available.

Advanced Connectivity

Gain visibility to gate events, diagnostics and status by connecting the gate directly to myQ Facility, or to myQ Community via an access control system. Set timers, review error codes, and set alerts for issues like gate strikes.

Display Interface

Easily add transmitters, adjust settings and view diagnostics with the color LCD display. Set up primary and secondary systems through the easy-to-use interface. Local event log and diagnostic information helps make troubleshooting easy.

Control Board

The new TECHNA control board offers the flexibility you need to set up simple to complex systems such as SAMS (Sequenced Access Management System) and more. With 5 programmable relays, the ability to accept monitored safety devices and standard plug-in loop rack you have everything you need at your fingertips.

Innovative Counterbalance System

We've designed a user-friendly counterbalance system that makes it easy to switch arm direction. The removable spring system allows you to quickly adjust the balance for various arm barrier lengths and optimize system performance, saving time and effort.

Modular Arm Design

Arms ship in segments to enable efficient storage, reduce potential for transit damage and minimize shipping costs.

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
BGARM14 – 14ft modular arm

Programmable LED Arm

Modular arms with programmable LED's for exceptional visibility. Arm LED animation is programmable through the main board. The arm and tower lighting will sync when activated to provide better visibility and improved traffic control.

BGARM10LED – 10ft modular LED Arm
BGARM12LED – 12ft modular LED Arm
BGARM14LED – 14ft modular LED Arm

Wireless Edge

The BGARMs have a channel at the bottom that is compatible with the small profile edge (S50). We recommend using the Wireless Edge Kit (LMWEKITU) to eliminate the need for a wired connection to the gate.

Alarm for Pedestrians

Audibly 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.

BGALARM kit

Program on/off in the display once installed.

Loop Detectors

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

Battery Backup

For areas that sustain power interruptions, 2x 12V 7Ah batteries are included with each operator. Upgrade to the A12330SGLPK 33Ah batteries for increased runtime in the event of AC power loss.

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 Monitoring.
- Enhanced diagnostic capabilities, providing detailed error codes locally and remotely when connected to myQ.
- Cycle Counts (Operator Absolute & Service).
- Simple device provisioning process, stable connection to the cloud.
- Cloud Access Control.
- Transmitter Management.
 - Unlock 1,000 learned transmitter capabilities to track specific people tied to those transmitters

CBG 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.
- Direct drive system with oil bath gearbox.
- Removable front cover and hinged lid with lock.
- Maximum Lane Coverage: 14ft.

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 1A output with switched and unswitched power.

Commercial-Grade Design

- Aluminum housing with aluminum LED top lid.
- 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 a swing-away system that does not detach the arm from the operator.
- Connect to Ethernet or Wi-Fi for over-the-air updates.
- Local log of 50 events correlated to the cycle number, unlimited if connected to myQ.
- Security+ 2.0® on Board Radio Receiver.
 - Up to 64 remote controls standard or unlimited when using additional accessories 811MX/813MX.
- Direct plug-in Loop Detector (LOOPDETLTM), or wired (LD7LP) can receive up to three inputs.

Temperature

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

Dimensions

- 16.6" L x 14.8" W x 47.4" H - without bracket.
(See Data Sheet for complete product dimensions)

Carton Contents

- Operator.
- 2x 12V 7Ah Batteries.

Warranty

- 2 Years

Business Partners

For Sales | 800.282.6225

For Technical Support | 800.528.2806

For Billing | 800.323.2276

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