

Commercial DC Swing Gate Operator

MEGA SWING

MSW



DC-powered swing gate operator with built-in battery backup

The Mega Swing is a DC-powered addition to the LiftMaster® family of gate operators. Designed with a 24VDC (1/2 HP equivalent) motor, this model provides exceptional starting torque and continuous operation, making it ideal for most applications. Constructed with an aluminum alloy chassis, it's corrosion resistant and light enough for one person to carry and install. The heavy-duty motor supports gates weighing up to 600 lbs. and up to 18 ft. in length.

built-in 312HM radio receiver

Exclusive from Chamberlain, a single remote control access solution for gates and additional access points.



no power? no problem!

Built-in battery backup provides seamless operation of the gate operator and all DC control and sensing devices in the event of a power loss.

2 year warranty
electronics and mechanism

10 year warranty
chassis and cover

CHAMBERLAIN

LiftMaster®

PROFESSIONAL

standard features

built-in radio receiver

Includes a factory-installed 312HM radio receiver for use with DIP switch and Security+® remote controls. This allows for one LiftMaster® remote control to conveniently open the gate and additional access points. Remote controls sold separately.

aluminum alloy chassis

Lightweight, 1/4" rustproof T-6 aluminum alloy chassis for superior heat and corrosion resistance.

built-in battery backup

The system will automatically engage in the event of a power loss and auto-reset to normal operation once power is restored. It provides complete operation of the gate operator, all DC control devices and sensing devices. Alternatively, system can also be set to open on power failure with a 15-second delay.

soft start/stop

Reduces the stress and shock to the gate system during starting and stopping, providing longer gate and operator life.

DC operator system

Powered by a 1/2 HP equivalent 24VDC motor, this system provides exceptional starting torque.

larger cabinet

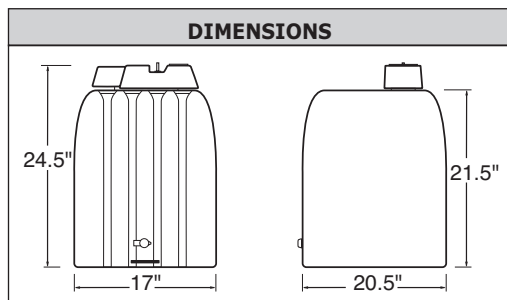
Provides more room for larger batteries and additional accessories.

control inputs

Safe, low-voltage control inputs allow the connection of a full range of optional external devices like loop detectors, telephone entry systems, access control systems and radio receivers.

inherent obstruction sensing

Offers separate force adjustments for both open and closed directions. If the gate comes into contact with an obstruction, a closing gate will reverse to open and an opening gate will stop.



LED indicators

Operator input, status and diagnostic LEDs help to simplify setup and troubleshooting.

dual-gate operation

Supports the operation of two separate gate operators in unison at a single entrance, assuring consistent, simultaneous open/close cycle for both operators.

dynamic braking

Especially important on high-cycle gates, the electronic brake system provides total gate position control to ensure consistent gate closing without coasting.

non-scissor swing arm

Aluminum arm – no pinch-points. Breakpoint bends if gate encounters an obstruction.

timer to close

Adjustable timer may be set between 1 and 33 seconds. The unit will automatically reset upon receiving any additional open commands.

7 amp-hour 12VDC batteries supplied standard

2 needed per gate operator for battery backup power.

optional equipment

sequenced access management system (SAMS)

Provides the capability to sequentially control a slide or swing gate operator in tandem with a barrier gate operator.

heater

Required for cold weather climates that reach 32°F and below. Available in 150 & 500 watts.

programmable output relay

STAR™ 450 receiver

Ideal for gated communities. User-friendly programming technology makes it easy to add, block and delete up to 450 transmitters individually.

RECOMMENDED CAPACITIES			
HP*	MAX. GATE LENGTH (ft.)	MAX. GATE WEIGHT (lbs.)	CYCLES /DAY
1/2	18'	600	1,000

*equivalent 24VDC

SPECIFICATIONS

OPERATOR SPEED

12" per second

POWER

110/220VAC – 50/60Hz

OPERATOR WEIGHT

Mega Swing – 124 lbs.

ACCESSORY POWER

24VDC 500 MA
Accessory Power
Battery Backup for
Accessory Power

UL LISTED



UL325 & UL991 Listed –
Class I, II, III and IV

CONSTRUCTION

Gear Reduction:
Heavy-Duty
900:1 Reducer in
Synthetic Oil Bath
Motor:
1/2 HP Equivalent
Continuous-Duty 24VDC
Chassis:
Powdercoated 1/4"
Aluminum Alloy
Cover:
Polyethylene

ADDITIONAL FEATURES

Universal controller with
8 inputs
Microprocessor electronics
Right- or left-handed
operation
Safety-stop tailgate feature
Ability to auto-open when
power fails
Mov/Tranzorb surge
protection on inputs
Anti-tailgate quick-close
feature
2-part cover for quick
access to the control board

CHAMBERLAIN®
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PROFESSIONAL

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