

## COMMERCIAL DC SLIDE GATE OPERATOR

# MSL



### DC-POWERED SLIDE GATE OPERATOR WITH BUILT-IN BATTERY BACKUP

**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 (100 full cycles on a 20 ft. gate).**

The Mega Slide is a DC-powered addition to the LiftMaster® family of slide 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 1,000 lbs. and up to 32 ft. in length.

#### On-Board Receiver



Exclusive from LiftMaster®, a single remote control solution for gate access and additional access points.

# LiftMaster®

## STANDARD FEATURES

**1/2 HPS DC motor with soft start stop**  
Heavy-duty motor provides strong, reliable operation  
"Operator system has 20% more pull force than the competition."

### Dynamic Braking

Provides total gate position control  
consistent gate closing without coasting.

### New & Improved Built in

#### Surge Protection

Motor oxide varistor provides power  
line spike and surge protection at  
point of incoming line voltage from  
power line spikes and surges.

### Highest grade Aircraft

#### Quality Aluminum Chassis

High strength rust proof T-6 aluminum  
alloy chassis for superior heat and  
corrosion resistance, built to last.

### Low-Voltage Control Inputs

Connects a full range of optional  
external devices.

### Anti-Tail Gate feature with Quick Close

Stops gate in close travel in tailgating is sensed  
preventing unauthorized access.



### Selectable Auto Open

15 seconds after power failure or upon  
battery depletion gate can be set to  
automatically open. 15 second delay helps  
reduce nuisance call backs due to short  
power interruptions or brown outs.  
Meets fire code for many  
local municipalities.

### Inherent Obstruction Setting

Offers separate force adjustments  
for both open and closed directions.

### LED Indicators

For easy diagnostics.

### Timer To Close

Can be set between 1 and 33 seconds.

### Manual Disconnect

Allows users to push open gate in  
the event of an emergency.  
Meets fire code for many  
local municipalities.

### Maximum Run Timer

Protects the gate and operator by limiting the motor's  
run time to 90 seconds. Helps avoid repairs/expense  
by letting the motor run longer than normal cycle time.  
Maximum run timer resets with each new command.

## SPECIFICATIONS

### Horsepower

1/2 HPS

### Operator Speed

12" per second

### Power

110/220VAC – 50/60Hz

### Battery Backup (included)

(2) 7-Amp-Hour 12VDC Batteries

### Operator Weight

97 lbs.

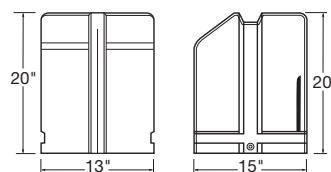
### Accessory Power

24VDC 500 MA Accessory Power

### UL Listed

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

### Dimensions



### Construction

#### Gear Reduction:

Heavy-Duty 10:1 Reducer in  
Synthetic Oil Bath

#### Motor:

1/2 HP Equivalent

#### Chassis:

Powdercoated 1/4"  
Aluminum Alloy

#### Cover:

UV Stabilized High Quality  
Polyethylene

#### RECOMMENDED CAPACITIES

HP *	MAX. GATE LENGTH (ft.)	MAX. GATE WEIGHT (lbs.)	CYCLES /DAY
1/2	32'	1,000	500

\*equivalent 24VDC

## 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.

### STAR™ 450 receiver

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

### Maglock

Additional security from forced entry or exit by firmly  
holding the gate in the closed position.

## ADDITIONAL FEATURES

Universal Controller With 8 Inputs

Right- Or Left-Handed Operation

Safety-stop Tailgate Feature

Easy Access to the Control Board

# LiftMaster®

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