**PERFORMANCE**

**Continuous-Duty DC Motor** features soft start/stop for quiet, efficient operation.

**Welded Structural Steel Spike Extension Enclosures** assure durability and load handling.

**Mechanical Overload Assembly** protects the operator and drive from damage.

**RELIABLE**

**Battery Backup** safeguards your property providing hundreds of cycles when the power is down.

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

**Warranty** 2 years opener and traffic spike system. 10 years opener cabinet.

**SMART**

**Breakaway Arm** can be easily reinstalled if arm is hit.

**Heavy-Duty Base Assembly** surface mount version can be installed onto asphalt or concrete for same-day installation.

**Optional Signal Light** is synchronized directly to the spike position.

**Sequenced Access Management** provides control between other slide and swing operators.

**Dual-Gate Operation** works in conjunction with another barrier operator.

**Universal Controller** with 8 inputs allows for the connection of a full range of optional external devices.

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**KEY FEATURES**

SURFACE OR FLUSH MOUNT OPTIONS

COMPLETE INTEGRATION OF OPERATOR AND SPIKES

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**REQUIRED AND RECOMMENDED ACCESSORIES:**

**Warning Signs:** Required (14115 Lighted / 14150 Reflective)

Available in reflective or LED lighted version with sensor that turns on at dusk, off at dawn.

**Red/Green Signal Light:** Highly recommended

Alerts vehicles when spikes have fully retracted and it is safe to pass.

**Optional Accessories:**

**LiftMaster Loop Detector**

Automatic sensitivity settings and power efficient to maximize operator’s battery backup operations.

**Retro-Reflective Photo Eye**

Non-contact reversing sensor.

**LED Barrier Arm**

Aluminum arm with red LED light on one side and red/white DOT tape on both sides.

**Speed Bumps**

Used to slow vehicles approaching the traffic system.

**Spikes Extensions with Galvanized Traffic Plates**

Added corrosion protection for coastal areas, or where road salt is used.

**Snow Melting Heaters**

Keeps the spike sections free from snow and ice.

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**PRODUCT GUIDE**

**MTS / MTF**

**Motorized Traffic Control**

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**MTS / MTF**

**Motorized Traffic Control**

DC High-Capacity Barrier

Fully integrated barrier gate traffic spike solution.

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**LiftMaster**
AVAILABLE CONFIGURATIONS:

SURFACE MOUNT (MTS)
MTS SURFACE MOUNT TRAFFIC CONTROL IS MOUNTED TO THE SURFACE OF LEVEL PAVEMENT AND PROVIDES SPEED BUMP TO SLOW TRAFFIC. A SLOPED END CAP PROVIDES A FINISHED END TO THE SPIKE SECTION.

IN-GROUND FLUSH MOUNT (MTF)
MTF FLUSH MOUNT TRAFFIC CONTROL IS MOUNTED INTO THE CONCRETE PAVEMENT AND CONCRETE IS POURED AROUND THE SPIKE EXTENSIONS. BEST SOLUTION FOR LOW GROUND CLEARANCE VEHICLES.

ORIENTATION
LEFT SIDE OR RIGHT SIDE DETERMINED BY THE SIDE THE OPERATOR IS ON AS THE VEHICLE APPROACHES.

SIZE
AVAILABLE IN 9 FT., 12 FT., OR 15 FT. VERSIONS. 3 FT. TRAFFIC SPIKE EXTENSIONS PROVIDES THE ABILITY TO USE UP TO 5 EXTENSIONS MAX. NOTE: THE MAX BARRIER ARM LENGTH IS FOR A 15 FT. VERSION.

FINISH
POWDER COAT PAINTED (XP) TRAFFIC TOP PLATES ON SPIKE EXTENSIONS, OR OPTIONAL GALVANIZED (XC) TRAFFIC TOP PLATES WITH POWDER COAT PAINT FOR ADDED CORROSION PROTECTION FOR COASTAL AREAS OR WHERE ROAD SALT IS USED.

Both the Surface Mount (MTS) and Flush Mount (MTF) feature a Heavy-Duty Base engineered to provide a sturdy platform for the barrier and signal light, and house the transmission to the Traffic Spikes. This design eliminates the need to pour a special concrete base foundation for the surface mount configuration (MTS) when installed on level pavement.

The LiftMaster® In-Ground Flush Mount model features integrated rebar anchoring bars which provide outstanding retention in concrete.
SCHEMATICS

SURFACE MOUNT (MTS)

IN-GROUND FLUSH MOUNT (MTF)
MASTERFUL ENGINEERING.

FEATURES
- Battery Backup safeguards property when power is down.
- Built-in 110V Convenience Outlet Simplifies Adding Accessory Devices.
- 850LM Radio Receiver Stores up to 90 Remote Controls.
- K1 Relay Provides Output Signals to Activate Other Accessories or Operators During Open/Closed Cycles.
- Mechanical Overload Assembly Protects the Operator and Drive from Damage.
- Convenient Top Plate Access to Spike Extensions Speeds Cleaning Out Road Debris.
- 1/4” Welded Structural Steel Spike Extension Enclosures feature Zinc-Plated Spikes Assemblies, with Stainless Steel Hardware.

CONSTRUCTION
- Gear Reduction: 60:1 Reducer in Synthetic Oil Bath.
- Motor: 1/2 Hp Equivalent Continuous-Duty 24VDC/800 RPM.
- Operator Cabinet: Powder Coated 1/4” Aluminum Alloy.
- Spike Assembly: Red Powder Coat Painted 1/4” Steel Construction.

STANDARD SPECS.
- OPERATOR SPEED: 2.5 Seconds to Open or Close.
- POWER: 120V/230V Single Phase.
- ACCESSORY POWER: 24VDC 500mA Output.
- GEAR REDUCTION: 60:1 Reducer in Synthetic Oil Bath.
- LOAD RATING: 36,000 LBS. Per Single Axle Load.
- TEMPERATURE SPECIFICATIONS: -13°F (-25°C) to 140°F (60°C).
- UL LISTED: UL 325 & UL 991 – Class II, III, IV.

ADDITIONAL OPTIONS.
- THERMOSTAT CONTROL HEATER FOR OPERATOR: (UN201) Maintains a Suitable Temperature Inside Operator for Temperatures Below 32°F.
- ARTICULATED ARM

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