

# M-Line M4500e Garage Door Operator



15 Year Parts  
Warranty



The M-Line's M4500e one light operator is a feature-rich, reliable system designed to perform, built to last and guaranteed to provide years of smooth, troublefree operation. Its advanced digital Easy Operating System (EOS™) provides a user friendly set up which makes for a more efficient and faster installation. The direct current (DC) Smart Motor,® coupled with a belt or chain drive system, ensures an amazingly quiet operation.

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# M4500e Specifications

## Electrical

Power Supply: 120 VAC/60 Hz  
 Control Voltage: 24 VDC  
 Motor Voltage: 24 VDC  
 Thermal Protection: Automatic  
 Power Cord: 6ft (3-Prong)

## Operator Features

Travel Rate-Main: 5.5 in/sec  
 Push & Pull Force: 500 Newton (1/2 HPCS™)\*  
 Operating force and system sensitivity for open and close position independently adjustable  
 Logic Type: Microprocessor with Built-In Surge Suppressor  
 Limit Settings: Electronic  
 Class II - Low Voltage Connections: Quick Connect Terminals  
 Display: 8-LED Operation/Diagnostic system  
 Operator weight: 9 lbs  
 Dimensions: 18¼" x 8½" x 6¾" (L x W x H)

## Photo Eye Sensors Safety System

Non-impact, advanced Infrared Safety Sensors reversing system. Complies with all UL 325 requirements and safety regulations.

## Radio Controls

Receiver: Modular, wireless code learning  
 Frequency: 315 MHz (Homelink® compatible)  
 Technology: Multibit code

## Digital Transmitter

Included Transmitter: 2-channel MINI  
 Operating Range: 100ft approx.  
 Battery: One 3V battery

## Wired Controls

Modular Multi-Function Wall Control with Vacation/Lock Switch

## Lighting System

- Time controlled
- One (1) bulb, 60 W Max. (not provided)

## Lens Cover

High impact, heat resistant, UL recognized plastic, lens cover

## Safety and Convenience

- Meets and exceeds all UL 325 requirements
- Easy Operating System (EOS™)

- External devices Quick Connect Terminals located on the rear of the operator for an easier and quicker installation
- Infrared photo eye protection system
- Safety reversal (sensing technology) system, door stops from closing upon contacting a person or object.
- Warning System (light flashes) during an obstructed condition
- Manual emergency release in case of power failure
- On-Command Door Activation (OCDA™), programmable "open" intermediate position to vent the garage
- Maximum Run Timer – Protects against damage to door and operator, door stops and reverses

## Energy Conservation Feature:

- Adjustable light timer from 30 seconds to a maximum of 4 minutes 30 seconds

## Self Learn Force System:

- Monitors and controls motor force every cycle (Smart Motor®) to optimize operation force requirements

## Soft Start/Soft Stop:

- Electronically Controlled - Prevents premature door and operator wear and provides quieter operation

## Self-Diagnostic System:

- LED error code indicator for a more efficient (quicker) installation and system troubleshooting
- System reset function clears the system memory and restores default system settings

## Warranty: 15 years on parts Drive System (Rail)

The best in advanced engineering and materials. One piece semi-closed fully assembled drive system with a high strength galvanized steel finished C-rail, available with a steel-reinforced belt or a full steel chain.

Drive system overall length for a 7ft. door: 10'-10¼"

Door Heights Supported: 7ft, 8ft, 10ft.

Headroom Clearance Required: 1¼"

Trolley: Includes emergency release, easy reconnect

## Color (optional)

Rails and hardware are available in black.

## Transmitters

Two styles of digital remote control transmitters in three different configurations: 2-channel MINI, 4-channel MINI, and 3-channel MICRO remotes for controlling other devices. Unique, multi-bit technology, LED control button verification.

## Automated Door Lock LOCMATIC G20

Replaces and renders obsolete manually operated locks (such as slidebars, padlock, etc.) used to secure automated sectional garage doors. It operates with the same controls that operate the LOCMATIC Ready operator such as transmitters, wall control and wireless keyless entry system. Installer friendly, easily connects to work automatically with a LOCMATIC ready operator, simply plug in a harness and connect two wires.

## Modular Multi-Function Wall Station

Provides door operation and convenience from inside the garage. Compact, stylishly designed to fit in a standard single gang electrical box. Illuminated push-button. Security vacation/lock switch. Light control. Individual control stations can be combined into one solid panel.

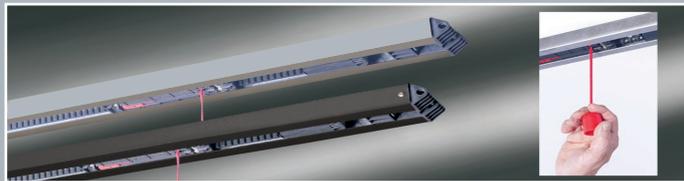
## Wireless Keyless Entry System (WKES)

Convenient, 4-digit PIN. Controls up to 3 different garage doors. Code security. Weather resistant. Provides temporary access to authorized visitors or service personnel.

## New Connection Terminals Location for External Devices/Accessories and Modular Receiver Antenna

- The new external devices/accessories Quick Connect terminals integrate all external device connections in a central location, **on the rear of the operator**, providing for an easier and quicker installation, easier connectivity verification and aesthetically pleasing installation.
- Innovative concept where the receiver module is simply plugged into the unit. This allows for quick and simple frequency changes.

## Accessories



\* Horsepower comparable in strength (HPCS™), using lifting force specifications to a 1/2HP garage door operator.

Marantec reserves the right to make design and technical specifications changes without notice  
 Patents: 4 625 291, 4 88 531, 7 009 592 (other patents pending)



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