



# M-Line M4700e Garage Door Operator System



Lifetime Parts  
Warranty



The M-Line's M4700e two-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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# M4700e Specifications

## Electrical

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

## Powerhead Features

Travel Rate-Main:	5.5 in/sec
Push & Pull Force:	700 Newton
Force adjustment:	Independent up/down if required
Logic Type:	Microprocessor with Built-In Surge Suppressor
Limit Settings:	Electronic
Class II - Low Voltage Connections:	Quick Connect Terminals
Display:	8-LED carousel

## 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  
2 bulbs, each 60 W Max.

## Lens Cover

High impact, heat resistant, UL recognized plastic, 2-lens covers

## Safety and Convenience

- 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 system
  - Warning (system lights flash) during/after an obstructed condition
  - Manual emergency release
- Energy conservation feature:
- Adjustable light timer from 30 seconds to 4.5 minutes
  - Factory setting 4.5 minutes
- Self Learn Force System:
- Monitors and controls motor force every cycle (Smart Motor®) to optimize operation force requirements
- Soft Start/Soft Stop:
- Electronically Controlled
- Self-Diagnostic System:
- LED error code indicator for a more efficient (quicker) installation and system troubleshooting

## Warranty: Lifetime 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'-6½"

Maximum Door Opening: 7'-4"

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

Headroom Clearance Required: 1¼"

Trolley: Includes emergency release, easy reconnect

## Colors

Rails and hardware are available in two colors: black and white

## Transmitters

Two styles of digital remote control transmitters in three different configurations. 2-channel MINI. 4-channel MINI (optional) and 3-channel MICRO (optional) 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)

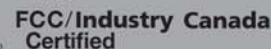
Convenient, 4-digit PIN. Controls up to 3 different garage doors. Code security. Weather resistant. Provides temporary access to authorized visitors or service personnel.

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

- The new external devices/accessories Quick Connect terminals integrate all external devices 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.

\* 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)

## Accessories



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