# Synergy 380

## Operator Specifically Designed for Carriage House and Wind-loaded Doors

**Limited Lifetime Warranty on Motor, Gear Assembly and Rail System. 8-year Limited Parts Warranty**

EASY OPERATING SYSTEM

The Synergy 380 is a feature-rich garage door operator system, built to last and guaranteed to provide years of smooth, trouble-free performance. LED lighting and reduced stand-by consumption make the Synergy 380 the most efficient residential garage door opener available, while the direct current (DC) Smart Motor®, coupled with a belt drive system, ensures an amazingly quiet operation. The Synergy 380 has capability for an optional integrable battery backup system, Energy Pack 100, that guarantees access in and out of your garage during power outages. All safety and security features will continue to operate to provide the highest protection level during the power failure scenario to insure your family safety and protection.

Marantec
Antriebstechnik

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# Synergy 380 Specifications - Sectional Doors Applications ONLY

## Electrical

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

## Operator Features

- Travel Rate-Main: 7.1 in/sec max
- Push & Pull Force: 1,100 Newton (1 HPCS™)*
- Operating force and system sensitivity for open and close position independently adjustable.
- Seal motor gear case provides continuous lubrication for longer gear service life, smoother and quieter operator.
- Logic Type: Microprocessor with Built-In Surge Suppressor
- Limit Settings: Electronic
- Class II - Low Voltage Connections Removable Screw Terminals Block
- Display LCD: Operation/self-diagnostic code system
- Operator weight: 10 lbs
- Dimensions: 13¼" x 14½" x 5¼" (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: 315MHz, 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

- LED lighting system (included)
- 500 lumens expandable to approximately 1,100 lumens
- Time controlled

## Lens Cover

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

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

## Safety and Convenience

- Meets and exceeds all UL 325 requirements
- Easy Operating System (EOS™)
- External devices Removable Screw Terminals Block 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
- Close travel position pressure sensitivity adjustment PSA™, protects against damage to door and operation system
- Self-diagnostic numeric code memory up to 16 diagnostic code stored.

**Maintenance and Service Scheduling:**

- Optimizes operator service life and trouble-free performance

**Energy Efficient Operation:**

- Stand-by reduced power usuage

**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, due to temperature fluctuations, door movement and floor height changes

**Soft Start/Soft Stop:**

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

**Self-Diagnostic System:**

- LCD display 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

**Limited Lifetime Warranty on Motor, Gear Assembly and Rail System.**
**8 - year Limited Parts Warranty**

## Accessories

### Transmitters

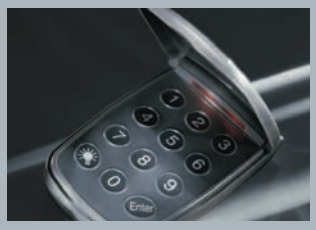
Two styles of digital remote control transmitters in three different configurations: 2-channel MINI, 4-channel MINI (optional), and 3-channel MICRO (optional) remotes for controlling other devices. Unique, multi-bit technology, LED control button verification.

### 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) (optional)

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



### Battery Back-Up System (BBU) (optional)

Provides security and convenience by allowing the usage of the garage door operator in case of a power outage. The opener will continue to function normally, including the lighting system.

## 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.

| | |
|---|---|
| Door Heights Supported: | 7ft, 8ft, 10ft, 12ft |
| Headroom Clearance Required: | 1¼" |

Trolley: Includes emergency release, easy reconnect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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)

UL US LISTED 89LL

FCC/Industry Canada Certified

DASMA

IDA International Door Association


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