



Automation System Info

(rev. 11.08.2011)

Automation System Info

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Introduction

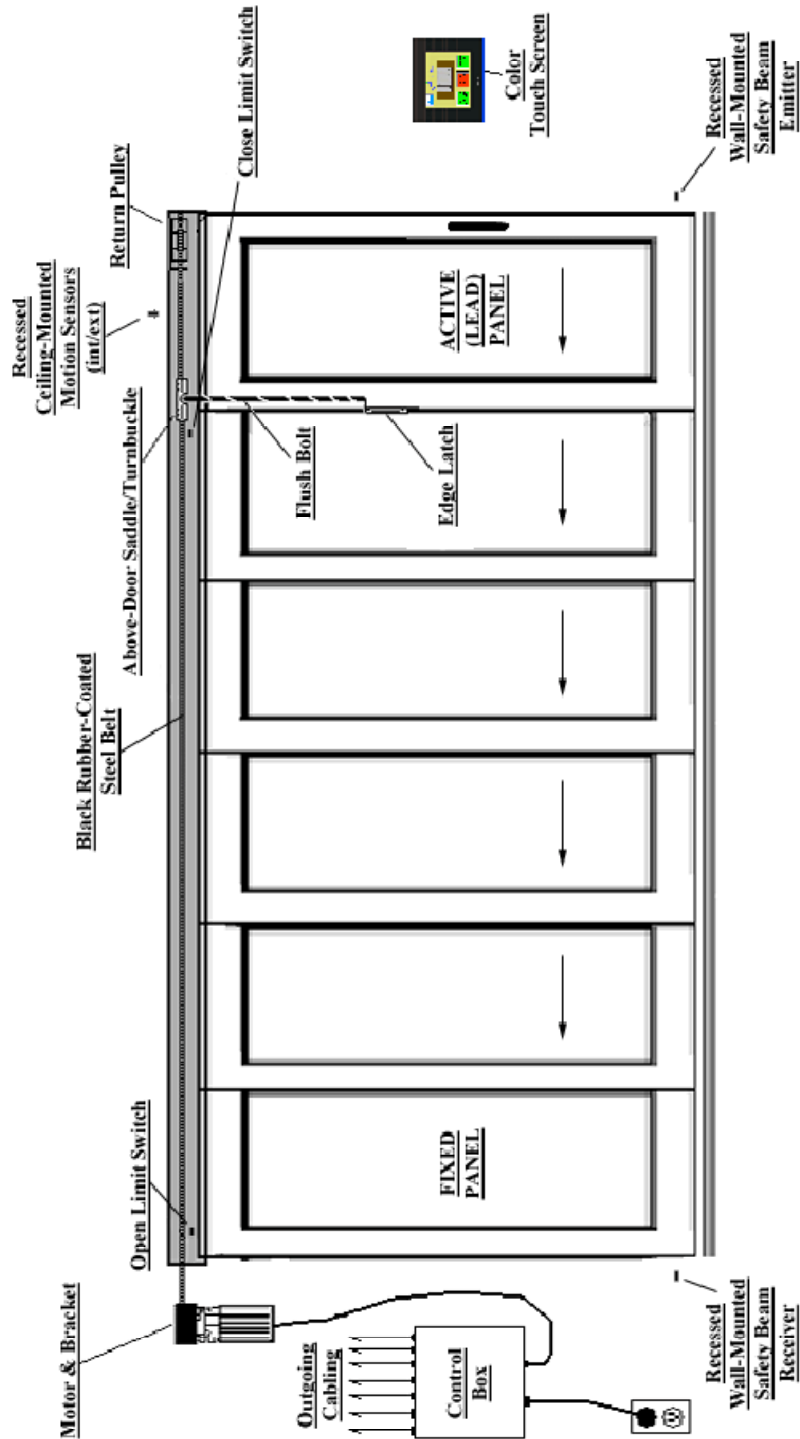
The door automation systems used by Pacific Architectural Millwork have been designed, developed and tested with reliability and simplicity in mind. Using only the finest quality components, they are exceptionally reliable and easily installed and serviced by authorized installers.

Automation systems can accommodate nearly any door size or configuration, and they include an easy-to-operate touch screen that controls the exclusive operation themes and allows access to setup and monitor the system.

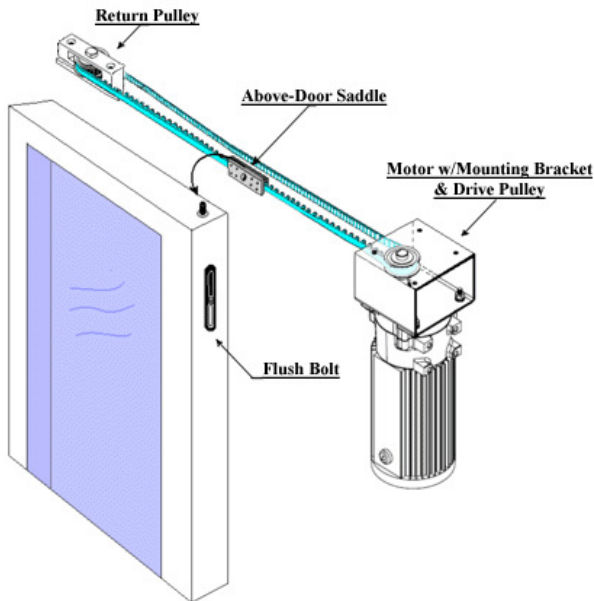


System Overview Diagram

Fixed panel (one direction) configuration shown. Also available in pocketing and/or bi-parting configurations.



Standard Components



Belt System:

The Belt System attaches to your door.

- Belt is made of black rubber-coated steel, making it nearly impossible to break.
- Low profile – belt width only 3/8"
- Custom saddle with turnbuckle

Flush bolt:

The flush bolt attaches to the rear edge of the lead panel, allowing you to disengage the automation system for emergency egress.

Custom In-Line Motor:

Custom motor designed to fit in narrow spaces.

- Current draw of less than 1.5 Amps
- UL, CE & CSA Approved
- Made in the USA

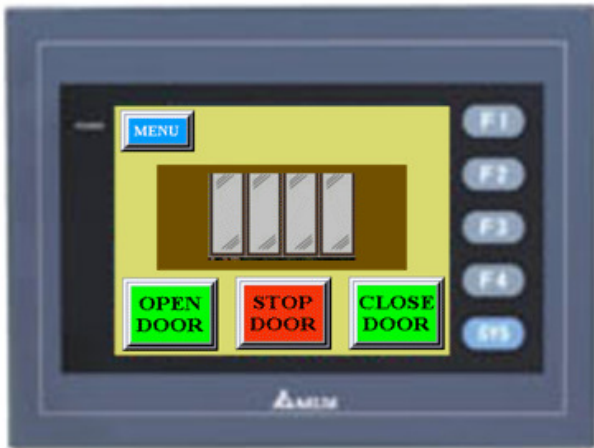


Control Box:

- Enclosure dimensions: 12"W x 16"H x 4"D
- Can mount inside 2" x 4" walls
- UL Approved
- Tested prior to shipping

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3.5" Color Touch Screen:

- General Operation
- Close-Behind Theme
- Party Theme
- Instructions for door (Help Function)

Motion Detector:

- Recessed ceiling-mount for low profile operation
- Safety feature: door will stop if motion is detected while closing
- Assists with Close-Behind and Party Mode functions



Safety Beam:

- Recessed wall-mount for low profile operation
- Safe laser beam covers entire span of visible opening
- Installed at a low height to prevent injury to children or pets
- Safety feature: door will stop if beam is broken while closing

Wiring Harness:

- Plug & Play for quick installation
- Shielded and cut/abrasion-resistant cabling with molded mating connectors for easy installation
- Standard cable lengths: 20, 30 & 50 feet
- Custom lengths up to 500 feet
- UL Approved & tested



Optional Components



Remote Control:

- IR Remote Control Key Fob
- Attaches to keychain
- Open or close the door from up to 300 feet away
- Code bump prevention technology prevents copying of remote from intruders

Exterior Keypad:

- Easy access from the exterior without requiring a key or remote
- Only supports Open operation
- Can program multiple codes
- 2-3/4"W x 4-1/2"H



Other Custom Options:

- Home automation system tie-in (Crestron/Smarthome/etc)
- Custom screensavers on touch screen

Touch Screen Operation

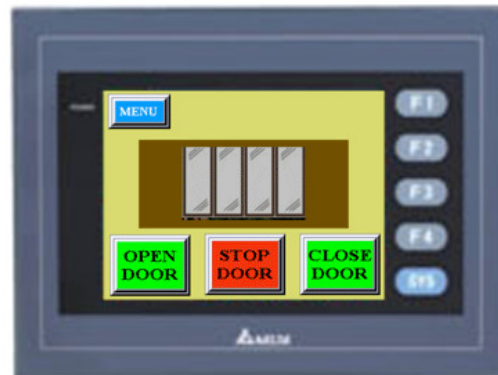


Touch Screen Default Menu:

- Choose from 3 themes for door operation:
 1. Standard
 2. Close-Behind
 3. Party Theme
- Instructions to get help on door operation

Theme 1: Standard

This is the standard Open/Close/Stop mode. If the “Open” button is pressed, the door will open completely unless you press the “Stop” button, which will allow you to open the door partially.



Theme 2: Close-Behind

When you use the Close-Behind theme, you will be able to press the “Open” button and the door will open partially, allowing you to exit/enter. The door will automatically close behind you after a specified period of time. To cancel this theme, input the password that is set during installation or changed after installation.



Theme 3: Party Mode

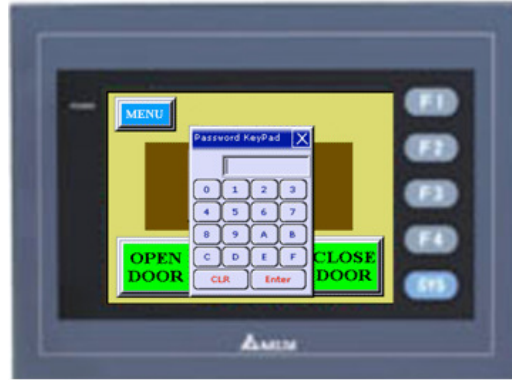
The Party Theme allows hands-free control. When this theme is active, your door will open when the system detects motion on either the interior or exterior of the door, and close automatically after a specified period of time. Safety beams prevent the door from closing when a person or pet crosses the threshold. Party Mode is on a timer for security purposes, and the system will revert to Standard Theme when the timer runs out.



Touch Screen Setup

All door parameters are set via the touch screen.

- Password required to access door parameters.
- Password is setup during installation and can be changed by end user.



Enter Ramp Data:

- Acceleration/Deceleration in both Open & Close directions can be set to within 0.1 seconds.
- Set speed of door during standard operation & emergency operation.
- Memory of settings retained after power outage.

Monitor the complete system:

- Motion sensors
- Open/Close limit
- Direction of last travel
- Last position
- Faults



Set times for the following:

- Overload Backup (can be set to zero so that door will immediately back up if resistance is encountered while closing)
- Party Theme & Close Behind delays

