

Maitre D'oor

*Residential
Sliding Door Operator*

Operation Manual

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INTRODUCTION:

General Information

- The *Maitre D'oor* sliding door operator is **for residential use only**. (the “Operator”).
- The “Operator” has 13 factory set features. These settings can be changed to accommodate your needs.
- Door must travel freely with no tight spots. The “Operator” is not a cure for a sticky door in need of repair.
 - ⇒ The free moving door force should not exceed 20 lbs.
 - ⇒ To get through the doors seal, force should not exceed 35 lbs.
- The “Operator” will accommodate doors with up to a 42” opening.
- The “Operator” is not guaranteed for use in freezing temperatures. Frozen seals, can interfere and cause the “Operator” to malfunction. Before operating under these conditions, clear your door of any snow and ice. Then initiate a new “Teach” cycle.

SAFETY FEATURES

- **Auto-Reverse**
In the absence of Motion/Presence Sensors or Sensor Mats:
If the door meets an obstruction when closing,
 - ⇒ The door will stop and reverse to the open position giving an obstruction signal.
 - ⇒ The door will then try again to close, moving slower, until it is closed. This repeats 2 more times.
 - ⇒ If the door meets an obstruction on the third try, it will stop, reverse to the open position and stop.
 - ⇒ The door will now stay open, giving an obstruction signal every 4 seconds for approx. 30 seconds.
 - ⇒ The “Operator” will shut down in the open position.
 - ⇒ To reactivate the door, remove the obstruction and press the “Door” button twice.
- If the door meets an obstruction when opening, , it will stop, signal an obstruction and reverse.

- **Motion/Presence Sensors**

Additional safety is assured with the use of motion /presence sensors.

- ⇒ The primary function of the sensors is to **prevent the door from closing** if a person or object is in the threshold. The door will remain open as long as there is movement in the sensor range.
- ⇒ Can also be used as an opening device.

- **Sensor Mats**

Additional safety is assured with the use of sensor mats.

- ⇒ The primary function of the sensor mats are to **open the door.**
- ⇒ They will also **hold the door open** by transmitting continuous signals as long as the object remains on the mat.
- ⇒ The mats must be placed and secured as close to the door as possible.
- ⇒ The transmitter (attached to the mat) should be secured to the door jamb with the Velcro strips provided.

The “Teach Cycle”

The “Maitre D’oor” operator must go through a learning mode to measure various elements of your door. These calculations are used to:

- Set required power to open and close your door.
- Set the **extra force** required to pull the door past a stiff or tight seal and all the way closed, using no more force than necessary. *See **Switch Functions and Set-up** section for important safeguards regarding this feature.
- Detect obstructions during normal operations
- Enable the inherent safety features

OPERATING INSTRUCTIONS

Before You Begin:

Check switch positions and lock lever position for proper set-up before initiating the “Teach Cycle. (See Installation Manual)



Important Notes

- ◆ Keep all objects clear of the door while in the teach cycle. Do not interfere when door is teaching.
- ◆ The operator will not function until the Teach Cycle is successfully completed
- ◆ If the “Operator” did not initiate a teach cycle or did not complete a good teach cycle, it will emit 3 low tones. Refer to the troubleshooting guide.
- ◆ The Teach Cycle can be done in any mode, Unlocked, Hard Lock, or Soft-Lock.

Steps 1 & 2 are part of the Installation Process and are covered in the Installation Manual. They are included again here for your convenience.

STEP 1: Start the “Teach Cycle”

- Position door so that it is closed.
- On the Main Keypad, Press and hold both the “PROGRAM” and “DOOR” buttons for **2 seconds**, until you hear a tone; then release.
 - ⇒ The “On/Status” LED goes out, the “DOOR” LED lights up amber, the keypad will emit tones.
 - ⇒ The door will begin with partial cycles, then full cycles at various speeds. This will take a few minutes—approximately 12 cycles, depending on the door.
 - ⇒ Upon a successful teach cycle, a high tune will emit.

STEP 2 : Adjust Motion /Presence Sensors

Please refer to the Optex Sensor Instructions in the Installation Manual for proper adjustments.

Step 3: Programming: Buttons, Mats, KeyFobs (Wireless only)

The operator will accommodate two (2) devices of each type listed above. One designated for **Inside** operation and one for **Outside** operation.

We recommend programming all **Inside** devices as (**Green**) and all **Outside** devices as (**Red**).

The main keypad is used to program these devices. Pay attention to the LED's next to the type of device you are programming.

Once programmed, whenever a remote device is activated, the corresponding LED for that device will light up in either green or red on the keypad.

Caution: Program all devices in their proper area. It is possible to program a button as a mat, or a mat as a keyfob etc. If this happens, the device will take on the functions of the type of device programmed rather than the actual device itself.

Note: Sensors are not programmed. They are wired directly into the operator eliminating the need for this step.

To Program Devices

This mode will time out after 20 seconds if no device has been programmed. If you have not completed the following steps within that time, start again.

1. Press and hold the **“PROGRAM”** button for 2 seconds.
 - ⇒ The “On/Status” LED flashes green/red.
 - ⇒ The “Button” LED lights up green (indicating the Green (Inside) button is selected for programming.
2. **To Select a Different Device:**
 - ⇒ Press and Release the **“Scroll”** button until you are at the device to be programmed.
 - ⇒ With each press of the **“Scroll”** button, the LED will change from green (Inside) to red (Outside), then move down to the next device.
3. **To Program the Selected Device:**
 - ⇒ Press and Hold the device's button until the door is activated.
 - ⇒ If you are programming a mat, step on the mat.
 - ⇒ This “PROGRAM” mode is automatically exited after a device has been programmed.
4. Repeat steps 1 – 3 until all remote devices are programmed.

Lock Modes

Optional Keypad or Key Fob is needed to enter from the outside if your "Operator" is in a "Locked" mode.

In a power outage, the lock will automatically disengage. The door can then be opened /closed manually.

When Power returns, the Operator returns to the Mode the keypad was in prior to the power outage (Off; Locked; or On).

- The lock is not intended as a security feature. Although secure, it is a convenience feature only.
- You should also use the **door's main lock** or other means of securing the door if you will be away for any length of time.

Two (2) lock modes:

Hard-Lock

Intended as an overnight lock, in this mode, all inputs are disabled except for the main keypad. (Exceptions: See "**Features**" **Group 2 - Red**, KeyFob Unlock)

1. Press and hold the "**LOCK**" button for **2 seconds**.
 - ⇒ Lock engages
 - ⇒ "On/Status" and "Door" LED's change to RED
 - ⇒ Tone indicating locked mode
2. Press and Release "**LOCK**" again.
 - ⇒ Lock disengages
 - ⇒ "On/Status" LED changes to green
 - ⇒ Tone indicating unlocked mode.

Soft-Lock

Intended as a day time lock, as in the Hard-Lock mode, all inputs are disabled except for the main keypad and as noted above. The difference is in the "**Features**" **settings for a remote button and mat only**.

In the "**Features**" (**Group 2 - Red**) settings, you can set one remote button and one mat (programmed as Green) to function while the operator is in Soft-Lock. This would restrict entry, yet allow you to exit without taking the "Operator" out of the Soft-Lock mode.

1. Press and Release the "**LOCK**" button.
 - ⇒ Lock engages
 - ⇒ "On/Status" LED changes to red
 - ⇒ Tone indicating lock mode.
2. Press and Release "**LOCK**" again:
 - ⇒ Lock disengages
 - ⇒ "On/Status" LED changes to green
 - ⇒ Tone indicating unlocked mode.

Jog Mode: (To hold door open)

You can turn off power at the main keypad and move the door manually or:

- ⇒ Press and Hold the “Lock” button to “Hard-Lock” the “Operator”.
- ⇒ Press & Release the “Door” button on the main keypad to start an opening.
- ⇒ Press and Release again to stop the door when it reaches the desired open position.
- ⇒ This will disable all devices except the main keypad allowing your door to remain open until you:
- ⇒ Press and Release the “Door” button on main keypad, which will start a close cycle.

Note: You can use any button device to jog the door to an open position but if the “Operator” is not in the hard-lock mode the sensor or mat will close the door if activated.

FEATURES (explanations)

There are 13 features of the “Maitre D’oor” sliding door operator. Each has been factory set for your convenience.

After carefully reviewing these features, see pages 11-13 for Quick Reference Charts and instructions for changing settings.

The settings for the various “Maitre D’oor” features are arranged in four **Groups**. On the main keypad, in the programming mode the “On/Status” LED changes colors to indicate the **Group** as listed below.

Group 1 - Green
Group 2 - Red

Group 3 - Flashing Green
Group 4 - Flashing Red

The following is a description by “**Group**” of all features. Factory setting is listed next to each feature.

FEATURES; GROUP 1 - GREEN:

Auto Close (LED 1) Factory setting – Green (On)

Sets the operator to automatically close the door once the door has reached its fully open position.

- ⇒ If set to red (off), the “Operator” will wait for a signal (button, mat, etc.) before closing the door.
- ⇒ **This feature does not apply to the mats or threshold sensors.** With these devices, the door will close automatically regardless of this setting (Also see “Delay” **Group 4**).

Power Assist (LED 2) Factory Setting - Green (On)

Sets the operator to assist in manually opening or closing the door.

- ⇒ If the door is manually pulled open (pulled off the “fully closed” position), the operator will automatically engage and open the door.
- ⇒ Once the door has been assisted open, it will not close automatically. You can assist it to start a close cycle or activate the door with a device.

Doorbell (LED 3) Factory Setting - Green (On)

Sets the “Operator’s” doorbell to signal if the outside mat or button is activated when the operator is in Soft-Lock or Hard-Lock. Note, the outside mat and/or button must be programmed as the red device.

Closing Signal (LED 4) Factory Setting Green (On)

Sets the operator to signal (beep) before the door begins a close cycle.

- ⇒ Signal emits from the motor

Remote Echo (LED 5) Factory Setting Red (Off)

Sets the “Operator” to signal (**beep**) when it receives any remote input.

- ⇒ Signal emits from the main keypad.
- ⇒ Each device emits a different tone .

Spare (LED 6) For future use

FEATURES: *GROUP 2 - RED*

Quick Close (LED 1) Factory Setting Red (Off)

This feature is used with sensor mats and/or motion/presence sensors only. Not recommended if small children or pets are using the door.

Not recommended for use on a 3 ft door.

Sets the door to begin a close cycle as soon as the input signal ceases, even if the door has not fully opened.

- ⇒ Designed primarily for use with wider doors (4’ models). You may find it is not necessary for the door to open to the fullest position before a close cycle begins. In hot weather, this would allow less time for insects and other pests to get indoors.
- ⇒ When **Set to on**, the door will reverse as soon as you are off the mats or out of sensor range, regardless of its position.
- ⇒ **Delay** feature should be set to 0 (no delay) (See: **Group 4**)

Button Unlock (LED 2) Factory Setting Green (On)

Allows the remote button programmed as green (or inside) to function even when the operator is in Soft-Lock. (See Soft-Lock definition.)

Mat/Sensor Unlock (LED 3) Factory Setting Green (On)

Allows the inside sensor or mat, programmed as green (inside) to function even when the operator is in Soft-Lock. (See Soft-Lock definition.)

Key Fob Unlock (LED 4) Factory Setting Green (On)

Allows key fob devices to operate the door, even when the “Operator” is in the Hard-Lock mode. The keyfob inherently activates in the soft-lock mode.

Sensor 1 Outside (LED 5) Factory Setting Green (Open & Hold)

The wired sensors will perform in one of two modes:

1. **Red, “Hold Open Only”** mode. Once the door is activated by another device, the door will “hold open” until the object has moved and is out of the sensor range; or:
2. **Green, “Open and Hold”** mode. An opening device that will open the door and hold it open until the object is out of the sensor range

Sensor 2 Inside (LED 6) Factory Setting Green (Open & Hold)

Same as **Sensor 1** (above).

FEATURES; GROUP 3- FLASHING GREEN

SPEED Factory Setting – Speed 4

Sets the speed of the door movement.

- ⇒ The door speed is based on the characteristics of the door learned during the “Teach Cycle”. Using this information, the “Operator” will set a limit for the highest speed available for safe operation of your specific door.
- ⇒ There are 6 speeds to select from.
- ⇒ LED #1-6 designate the speed. LED #1 being the slowest, #6 the fastest.
- ⇒ **A NEW “TEACH CYCLE” MUST BE INITIATED AFTER CHANGING THE SPEED SETTING.**

FEATURES; GROUP 4 - FLASHING RED

DELAY **Factory Setting – 6 seconds**

Sets the “Operator” to hold the door open for a certain amount of time before it starts the close cycle.

- ⇒ Timing starts once the door has reached the fully open position, provided there are no other signals from other input devices (mats, sensors etc.).
- ⇒ There are six delay settings, from 0 (zero) to 10 seconds
- ⇒ The “Auto Close” feature (Group 1) must be set to Green (On) for this feature to function
- ⇒ To close a door that is set in a long “Delay”, press a button device two (2) times.
- ⇒ Mats and motion/threshold sensors will also use this time delay, adding additional time the door remains open. Since the door will automatically stay open until you are off the mat or out of the sensor range, a shorter time or no delay can be set if you are using these devices.
- ⇒ On the main keypad, the “Door” LED will light up amber, while the door is in the delay.

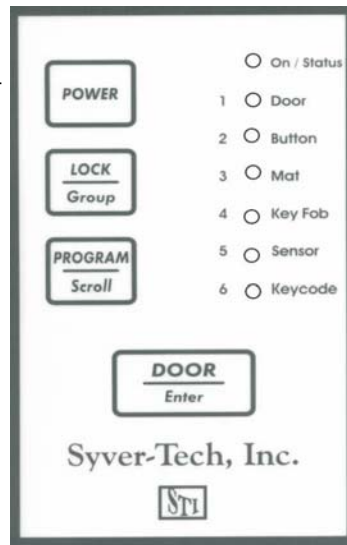
Changing Factory Settings (Programming Mode)

The factory settings listed in the “Features” section can be changed to meet your needs. The “FEATURES” are accessed using the main keypad.

In this programming mode, the LED’s on the main keypad have meanings different from the printed labels.

When you are changing the features settings, PAY ATTENTION TO THE NUMBERS (1–6) NEXT TO THE LED’S ON THE MAIN KEYPAD. The labels (Door, Button, Mat, etc.) do not apply in this mode.

- ⇒ The color of the “On/Status” LED indicates the “Group”.
- ⇒ The color of LED’s # 1– 6, indicates the features setting. (Green is ON, Red is OFF)



Changing the Feature Settings:

This mode will time out and return to the normal operating mode after 2 minutes if no activity occurs.

Use these Quick Reference guides to identify Groups and Features.

On/Status LED color indicates the *Group*

LED's (1 – 6) indicate the Feature setting: (**Green is Feature On; Red is Feature Off**)

Group 1			O	On/Status Green	Group 2			O	On/Status Red
Auto Close	1	O		Door	Quick Close	1	O		Door
Power Assist	2	O		Button	Button Unlock	2	O		Button
Doorbell	3	O		Mat	Mat/Sensor Unlock	3	O		Mat
Closing Signal	4	O		Key Fob	Key Fob Unlock	4	O		Key Fob
Remote Echo	5	O		Sensor	Sensor 1 (Out)	5	O		Sensor
Spare (Open)	6	O		Keycode	Sensor 2 (In)	6	O		Keycode

1. **Press and hold** both the “**POWER**” and “**PROGRAM**” buttons **for 2 seconds**.
 - ⇒ The “**On/Status**” lights up **Green** indicating you are in **Group 1**.
 - ⇒ All LED's (#1-6) will light up (color indicates features current setting (On or Off)
 - ⇒ LED #1 (Auto Close) will be blinking, indicating it's current setting (On or Off)
2. **To Select a different Feature:**
 - ⇒ Press and Release the “**Scroll**” button until you are at the **Feature** to be changed.
3. **To Change the setting:**
 - ⇒ Press and Release the “**Enter**” button.
 - ⇒ LED color will change from red to green; or green to red, indicating the On or Off setting.
4. **To Move to a different Group:**
 - ⇒ Press and Release the “**Group**” button until you are in the **Group** for the features to be changed.
 - ⇒ “**On/Status**” LED color indicates the **Group**.
5. Repeat Steps 2–5 until all changes are made.
6. To exit the programming mode :
 - ⇒ Press and Release the “**POWER**” button.

Group 3 (Speed) and Group 4 (Delay) features, have a graph like screen on the main keypad.

Note: The Programming steps for these Groups vary slightly from the previous Groups due to the graph layout.

Group 3 (Speed)	O	On/Status Flashing Green	Group 4 (Delay)	O	On/Status Flashing Red
Slowest	1	Door	No Delay	1	Door
↓	2	Button	2 seconds	2	Button
↓	3	Mat	4 seconds	3	Mat
↓	4	Key Fob	6 seconds	4	Key Fob
↓	5	Sensor	8 seconds	5	Sensor
Fastest	6	Keycode	10 seconds	6	Keycode

1. Press and hold both the “**POWER**” and “**PROGRAM**” buttons for **2 seconds**.
2. Press and Release the “**Group**” button until you are in Group 3 or 4.
⇒ LEDs # 1 – 6 indicate the current setting. (See charts above)
3. To change the setting:
⇒ Press and Release the “**Scroll**” button until you are on the setting of your choice.
4. Repeat Steps 2–3 until changes are made.
5. To exit the programming mode:
⇒ Press and Release the “**POWER**” button.

A NEW “TEACH” CYCLE MUST BE INITIATED IF THE SPEED SETTING IS CHANGED

Other Information :

The Main Keypad (See Pg. 9)

The main keypad monitors the “Operators” activity using the LED’s.

- On/Status LED stays lit as long as the “Power” is on.
 - ⇒ Green - Power On
 - ⇒ Red - Soft Lock
 - ⇒ For Hard Lock, both the “Power” and “Door” will be Red
- When “Power” is off, LED’s will scroll green, scroll red from the bottom up as a reminder that the “Operator” is off.
- During door movement, the “Door” LED lights up green.
- During the “Delay” the “Door” LED flashes amber.
- Button, Mat, Key Fob, and Keypad and Sensor LED’s will light (green or red) indicating which device has activated the door.

Button Behavior

The following is a chart of how the button devices react. Note that this is the same as an automatic garage door opener.

Door State	Press Keypad Door Button or Any
Fully closed	An open cycle is started.
Fully opened	A close cycle is started.
Opening normally	The door stops.
Closing normally	The door stops, then starts an open cycle.
Stopped partially open	A close cycle is started.

Problem	Potential Cause	Solution
Teach cycle will not start.	No power	<p>Make sure transformer is plugged into the circuit board and wall outlet.</p> <p>Check data cable connection to the circuit board.</p>
Teach cycle will not start, but low tones emit from the operator.	<p>Switch #4 is not set properly.</p> <p>Lock lever is not engaged in pin</p> <p>Door Seal is too tight</p> <p>Force required exceeds limits</p>	<p>See Switch Set-up (Installation Manual Pg 15-16)</p> <p>See positioning lock lever (Installation Manual Pg. 17)</p> <p>Adjust door and lubricate seal (See Installation Manual).</p> <p>See General Information (Pg. 2) for force limitations. Adjust door, See Installation Manual,.</p>
<p>Teach cycle does not complete, will start but stop during the cycling and emit low tones.</p> <p>(Door lifts up and stops at beginning of “Teach Cycle”.</p>	<p>Force requirements exceed limits due to:</p> <p>Tight spot in door.</p> <p>Door set to low causing rubbing.</p> <p>Header sagging, pinching door from top.</p>	<p>Check for clearance on drive lever, (Installation Manual Pg. 9)</p> <p>Manually move door back and forth to find tight area. Adjust door (Installation manual), clean/lubricate track & seal.</p> <p>See General Information (Pg 2) for force limitations</p>

Problem	Potential Cause	Solution
Lock does not engage	<p>Door is not closing completely, the lock lever is not engaging with the lock pin.</p> <p>Switch actuator is not dropping off Switch #4.</p> <p>Door seal is too tight.</p>	<p>Adjust lock lever (Installation Manual Pg. 17).</p> <p>Adjust Switch #4 (Installation Manual Pg. 15-16)</p> <p>Door/seal needs adjustment. See installation manual.</p>
Door reverses when it reaches the jamb.	Switch #5 is not activated.	Adjust Switch #5 (Installation Manual Pg. 15-16)
Door slams and heels up in opening.	Switch #1 is positioned too close to the door stop.	Move Switch #1 further in. (Installation Manual Pg. 15-16)
Door doesn't seem to slow down in closing.	<p>Slow down Switch #3 is set too close to the end to effectively slow down the door before reaching closed.</p> <p>Loose switch connection.</p> <p>Defective switch.</p>	<p>Move Switch #3 away from door edge. (Installation Manual Pg. 15-16)</p> <p>Check wire connection at switch.</p> <p>Call factory for replacement.</p>

Problem	Potential Cause	Solution
After Teach Cycle, door seems to move very slow.	<p>Door weight and friction may be at highest limit.</p> <p>Operator default speed is Speed 4. Larger/heavier doors affect speed.</p>	<p>Make sure your door has been adjusted to move smoothly without tight spots. Lubricate tracks and seal.</p> <p>Change speed to a higher setting, then re-teach the door.</p>
Door opens or closes partially, signals the obstruction alarm and reverses without an apparent obstruction.	<p>Make sure door hasn't shifted out of alignment causing a tight spot.</p> <p>Obstruction in door track.</p> <p>Weather changes cause doors and seals to expand / contract creating extra friction.</p> <p>Frozen seals, ice build-up</p>	<p>Manually move back and forth watching for any tight spot. Adjust door as necessary.</p> <p>Clean and lubricate track.</p> <p>Re-teach door. The operator will learn the new requirements.</p> <p>Remove all ice from area. Re-teach door.</p>
Door cycles erratically.	<p>Sensor sees door or handles.</p> <p>Sensor seeing other objects. Movement from window treatments, plants moving from a breeze, bugs will cause the sensor to activate the door .</p> <p>Mat/rug in front of door. Sensor may have difficulty recognizing contrasting colors of the floor and rug.</p>	<p>Observe LED on bottom of sensor. If changing to Red, beam is too close to the door. Adjust sensor beams.</p> <p>Keep sensor area clear of any objects. Observe sensor LED. Orange beams see movement of curtains, plants, etc</p> <p>Change rug to a different, less contrasting color.</p>

Problem	Potential Cause	Solution
Door does not close after opening	<p>Operator set in a long delay</p> <p>Operator shut down due to 2 consecutive obstructions.</p> <p>Auto-Close feature is off</p> <p>Sensor is seeing movement from something. (plant, curtains, etc.)</p> <p>Any stationary object put in the sensors range will cause the door to open and remain open until the sensor learns the</p>	<p>Press “Door” button 2 times. (Once to cancel the delay, and once to close)</p> <p>Change “Delay” setting (Pg. 13)</p> <p>Remove obstruction, press “Door” button twice.</p> <p>Activate door with any button device.</p> <p>Change Auto-Close setting to On/Green (Pg. 12)</p> <p>Remove object from sensor area.</p> <p>Remove object, or wait for sensor to learn new environment. See Optex manual.</p>
Remote (wireless) devices do not activate the door.	<p>Device not programmed.</p> <p>Door is manually locked with the door’s lock. Operator will try one time to open, then signal an obstruction and shut down.</p> <p>Operator is in a locked mode. Some devices may be set not to open when in the lock mode.</p>	<p>See Pg. 4-5 – Program Devices.</p> <p>Check batteries</p> <p>Unlock, and try again.</p> <p>Check Feature settings for the device you are using.</p>

Safety Check

Perform these safety checks regularly on each automatic sliding door to insure your safety and protection. Perform these tests while traffic is restricted from all detection and sensing zones.

Sensor Activation

1. Check electronic sensor by walking toward door opening at a moderate speed. Door should start opening before you reach the threshold, should slide open smoothly and stop without impact. Repeat on other side of opening. Move slowly through the door. The door should remain open.
2. Step out of sensor zone. After a brief time delay, the door should slide closed smoothly and should close fully without impact.
3. Walk parallel to the door face to check the detection pattern. Check that detection pattern fully covers the door jamb area (pinch point).

Floor Mat Activation

1. Step on the opening (activating) mat in several places. Door should slide open smoothly and stop without impact.
2. Step through the doorway onto the mat on the other side. Door should remain fully open without interruption.
3. Check the mat. It should be secured in place as close to the threshold as possible.
4. Step off the mat. After a brief time delay, the door should close slowly and smoothly without impact.
5. Check battery. LED on transmitter should be blinking when stepping on mat.

Lock Functions

1. While the operator is in a locked mode, turn off power. Lock should disengage, and the door can be moved manually.

Automatic Reversing

1. Place an object (shoe) at the closing point.
2. Activate door.
3. Door should reverse to fully open, signal an obstruction, then try to close again.
4. Upon meeting an obstruction the second time, door should reverse to fully open, signal an obstruction every few seconds for 30 seconds, then shut down.

General Safety

1. **Decals.** Door should have decals properly displayed on both sides of the door. Decals should include the statement: AUTOMATIC DOOR (in letters 1/2" high, minimum)
2. **Housekeeping.**
Be sure floor guides are kept clean and free of any debris which could prevent proper door slide.
Check the door area for tripping or slipping hazards.

Operator Maintenance

3 simple steps should be done to keep your "Operator" running smoothly. Perform maintenance once or twice a year depending on usage.

1. Wipe the shaft clean with a soft cloth., then carefully lubricate it with household oil.
2. Lubricate inside the extrusion along the track where the drive block travels. Use only a silicone or graphite paste available at any hardware store. Carefully apply with a small paint brush , do not use a spray on product.
3. Lubricate the coupling next to the motor. Apply a very small amount of the silicone or graphite paste to the center section (spider) of the coupling.

Batteries

Transmitter Mat & Buttons use a standard 12V alkaline battery (LR-V08) (MN21,A23). To replace, remove the 2 screws on back, carefully lift out circuit board and replace battery. When reassembling, make sure LED (light) is aligned with hole taking care not to bend LED.

KeyFob uses a standard 12v alkaline battery (LR-V09) (MN21,A23). To replace, insert a small screwdriver into the slot on bottom and twist to remove cover.

PRECAUTIONS

DO NOT ALLOW SMALL CHILDREN TO PLAY WITH OR AROUND YOUR SLIDING DOOR.

Before beginning please take a moment to read through this section. We have noted some critical areas, where particular attention should be paid when installing the Maitre D'oor Residential Sliding Door Operator.

Switch Set-up

The proper positioning of **Switch #4 and Switch #5 is vital to safety**. If these switches are set improperly, there is a risk of getting pinched. The safety features are turned off at this point. **Pay particular attention to this section when installing the Maitre D'oor.**

Drive Block

Do not adjust screws (springs) in the Drive Block. These are the two screws above and below the lock lever. They have been pre-set for safety.

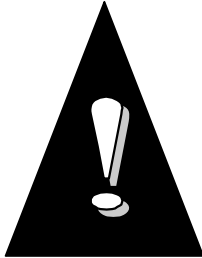
Motion/Presence Sensors:

Beams must be adjusted properly to protect the vital area (the pinch point). This is where the door closes into the seal and all other safety features are turned off.

The Motion/Presence Sensors will provide the maximum safety. We highly recommend using these sensors with the Maitre D'oor.

If you purchased the Maitre D'oor without the “Optex” Motion/Presence Sensors, we suggest the following:

1. Set your operator to a slow speed.
2. Set the delay to a longer time or: turn off the automatic close feature.
3. Enable the closing signal.
4. Do not use the “Quick Close” feature.



CAUTION

- Improperly Adjusted Door can cause injury and equipment damage.
- Inspect door operation regularly using safety checklist.
- Have door adjusted as described in this Installation Manual.
- Safety devices should be in place and operational at all times.

Caution means that injury or property damage can result from failure to follow instructions.

The word **Note** is used to indicate important steps to be followed or important information.

To Our Customers

The purpose of this manual is to familiarize you with your automatic door operator. It is essential that you “**know your door operator**” and that you recognize the importance of maintaining your door and operator in compliance with industry standards for safety.

It is your responsibility, as owner of the equipment to inspect the operation of your door system regularly, to insure that it is safe for use by your family and guests.

This Installation Manual and the Operation Manual will provide you with a description of the operation and maintenance requirements of your door.

A **Safety Checklist** is included in this Operation Manual. Please keep it in a convenient location and perform safety steps regularly.

SHOULD THE DOOR FAIL TO OPERATE AS DESCRIBED IN THE SAFETY CHECK, OR AT ANY OTHER TIME FOR ANY OTHER REASON, SEE THE TROUBLESHOOTING SECTION, OR CALL YOUR SERVICE TECHNICIAN OR FACTORY.

Compliance with Safety Standards

Your door operator was designed to the latest operating and safety standards. To ensure the continued safe operation of your door, it is important that:

- Your door and operator are maintained in compliance with this manual
 - Proper decals are applied and maintained on your door.
 - Safety devices should be checked regularly.
-

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

Limited Warranty

This product is warranted to be free from defects in materials and workmanship for a period of one (1) year; electronics for a period of 30 days from the date of purchase. Warranty obligation is limited to replacement, or repair, the option of Syver-Tech, Inc. The warranty of this product is null and void if the product is subject to negligence, abuse, modification or misuse. This warranty is only valid for the original purchaser of the product and will not be honored if the product is resold. To obtain service under the terms of this warranty:

- Call the factory for a return authorization number.
- Return authorization number must be noted on shipping label or product will be refused.
- Return the product in the original packaging.
- Please save all packaging and accessories. All original equipment, components, manuals, cables, documents and packaging must be returned with your item in order for Syver-Tech, Inc to process you RMA.
- Enclose a copy of your receipt.
- Include a written explanation describing any of the issues you have had with the product.
- Mail the product prepaid and insured to:
Syver-Tech, Inc.
(Address to be given with your RA Number)

- Please keep a copy for your records.

The above-mentioned warranty is the only one applicable to this product. All other warranties, expressed or implied are disclaimed, including but not limited to the implied warranty of merchantability and the implied warranty of fitness. There are no warranties that extend beyond the description on the face hereof.

FOR YOUR NOTES



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