



# OWNER'S MANUAL



**YOUR ACCESS TO INDEPENDENCE**

**Open Sesame Door Systems, Inc.  
Manufacturer of Disability Access products**

Thank you for your purchase of the Open Sesame door operating system. This product is designed to be durable and provide years of reliable service.

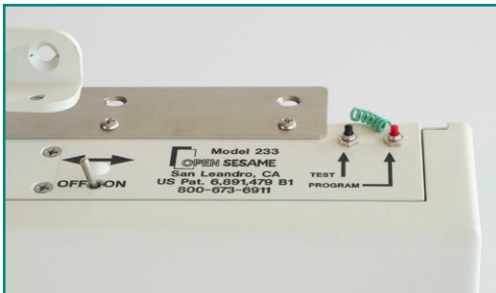
To ensure the Open Sesame Door System lives up to all expectations, it is important to read and comply with this owners manual. Please store this manual near the door operator for easy access, as it is an important resource for operation and future maintenance.

If there are further questions about the operation or maintenance of the door operator, please contact your local dealer or installer. You can find their information on the back cover of this manual.

For further questions you can contact us at (800) 673-6911. Our business hours are 9am - 5pm pacific time Monday-Friday. Or email us at [info@opensesamedoor.com](mailto:info@opensesamedoor.com)

NOTICE: Information in this manual is subject to change without notice. You can locate the most current version of this manual on our website at [www.opensesamedoor.com](http://www.opensesamedoor.com).

**The Open Sesame Door System must be plugged into a wall outlet at all times to ensure the battery remains fully charged.**

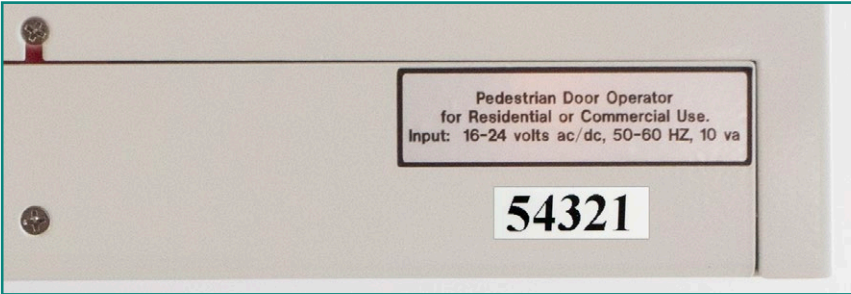


## ON/OFF SWITCH

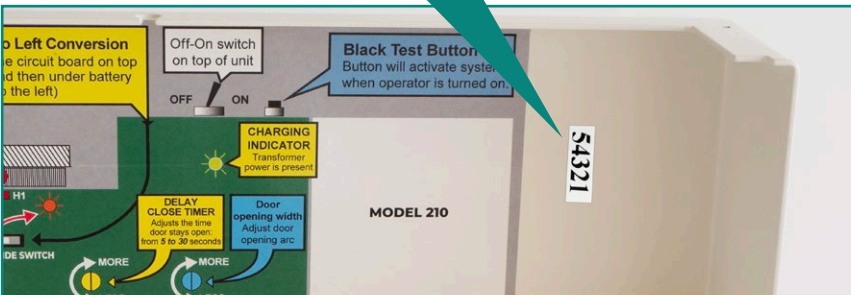


You can locate the serial number on the bottom of the Open Sesame operator and on the inside cover

## BOTTOM OF OPERATOR



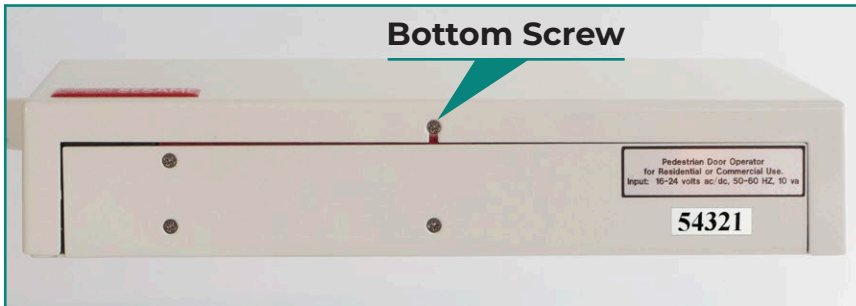
## INSIDE COVER



## TO REMOVE COVER:

Only TWO screws need to be loosened which are located on the top and bottom center of the operator. In order to get to the top screw (or bottom if operator is upside down), first open the door to obtain access, once loosened you will be able to slide the cover towards you for removal.

**PLEASE NOTE:** When reinstalling cover, place phone cable in notch to prevent pinched cable.



**On the inside cover you will find instructions for the following:**

- Left Hand Conversion
- Red Dot Alignment (Door Closed/Home Position)
- Close Delay Adjustment
- Opening Angle Adjustment
- Direction Slide Switch (Left or Right Hinge)
- Programming Instructions

**OWNER'S MANUAL**

## ADJUSTMENTS

Your Open Sesame door operator has three potentiometer (pot/knob) adjustments and one position jumper adjustment (auto-close). To change these settings at any point during or after installation you must first remove the Operator cover. The location of these adjustments are shown on the diagram on the inside cover of the operator. To remove cover refer to page 3 of this manual.

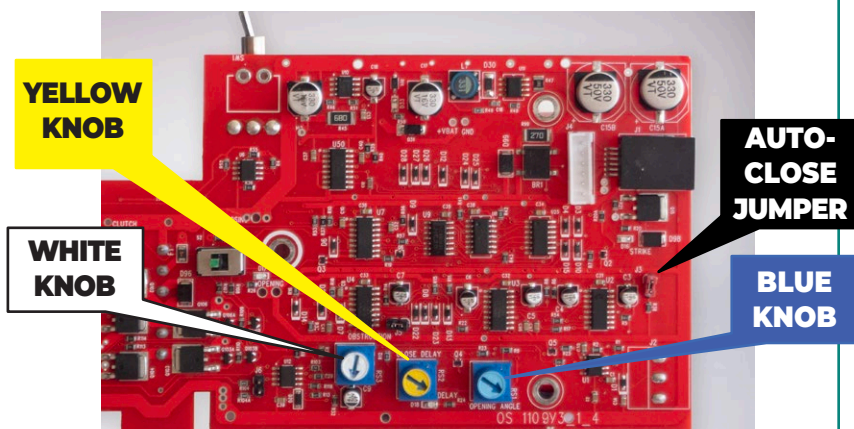
**Close Delay** adjustment (**Yellow** knob) 5-30 seconds. Turn clockwise to allow more time for people to go through the door before automatically closing.

**Opening Angle** adjustment (**Blue** knob) Maximum 120°. Turn clockwise for wider door opening.

**Obstruction Sensitivity** (Model 133 only) adjustment (**White** knob). Turn clockwise for heavier door or sticky door sweep.

## AUTO-CLOSE

(optional feature Model 133 only) When enabled and the door is manually opened and left open, door will automatically close after a delay. To enable, locate small jumper on the right side of the circuit board (see diagram inside cover) and relocate it over just one pin, top or bottom.



## DOOR OPERATOR BATTERY

We use a 12v sealed lead acid battery by MK, part number ESI-12. An equivalent can be substituted. The battery is constantly trickle charged by the transformer which is plugged into a live outlet at all times. If there happens to be a loss of power your Open Sesame Door System will continue to work for about 2 days, allowing remote access. The life expectancy of this battery is 3-5 years depending on usage.



## DOOR OPERATOR BATTERY MAINTENANCE AND TROUBLESHOOTING

### REASONS FOR BATTERY FAILURE

Old battery, no longer capable of holding a full charge. The wall transformer has been unplugged or the wire became disconnected. The 5 amp slo-blo fuse is bad. (Prior to 2021 models) Once the repair is made, allow battery to recharge for a minimum of 2 hours before use. The operator must be in the off position for the allotted time. New battery allows immediate operation.

Symptoms of low battery - The door may not open to its normal angle. The door may move slower than normal. Electric Strike will fail to release, door will not open.

## TESTING THE BATTERY:

1. Make sure the operator is switched OFF
2. Remove cover from the operator.
3. Unplug one of the terminals connected to the battery.
4. With your meter place the positive lead on the red terminal and the negative lead on the black terminal
5. The battery should read anywhere from 13-14 vdc.

New batteries for the door operator may be obtained by contacting your local dealer/installer, your local Batteries Plus or Interstate Battery store, or Open Sesame.

## REPLACING THE OPERATOR BATTERY:

**CAUTION: Turn the operator switch off and disconnect the phone cord before changing the battery.**

Remove the electrical tape covering the battery terminals. Lastly, disconnect wires connected to the battery terminals. Now you can remove the battery and install the new one.

Once new battery is in place, wires to the battery should be tightly reconnected with special care as is indicated by the color coding: Orange wire to positive red terminal and black wire to negative black terminal on battery.

**Reversing these wires will result in a puff of smoke and permanent damage to the battery charging circuit.**

NOTE: Once you replace the battery, date it for your future reference so you know the date of when it was last replaced.

**For Replacement Video on-line, visit  
[www.opensesamedoor.com](http://www.opensesamedoor.com)**



## ABOUT YOUR REMOTE CONTROL



Open Sesame remote controls are radio-frequency transmitters similar to controls used for automatic garage doors. They will transmit through walls and have a range of up to 100 ft.

Your remote control contains batteries that will require replacement about once a year. As the batteries become weak, the range will slowly decrease & door may not respond every time. The batteries can be found at most drug stores depending on the model, see page 9 for details.

Your remote control is unique – remote controls will **NOT** operate your door unless they are specifically programmed to work with the unit.

Open Sesame remote control can be mounted on the joystick housing or on a side panel of a wheelchair.

## USING YOUR REMOTE CONTROL

Your Open Sesame door operator is simple to use. With one push of the button\* the door will open, delay and then close. The delay time may be adjusted from the standard 15 seconds setting to the desired setting (5-35 seconds) by internal adjustment (see adjustments section, page 4).

If you would like to leave the door open or partially open (for pet access or for ventilation) simply push the remote once to activate the operator, then push the remote a second time and the door will stop in place indefinitely.

If the door has been left open, you can press the remote once and the door will close.

\* (or other means to activate such as voice control or through a ECU wheelchair control system)



## REMOTE CONTROL BATTERIES

The batteries used in our transmitters are shown below. They can be obtained at your local drug stores.



**12V 23A**



**CR2016**

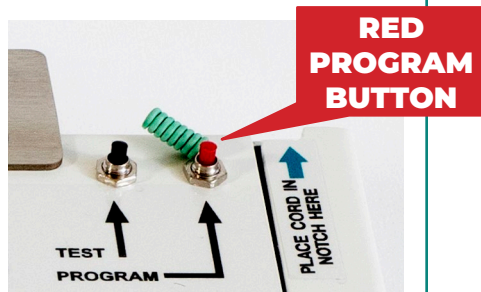
**3V CR123**



**9V**

## HOW TO PROGRAM TRANSMITTERS

- Locate the RED program button on the upper right surface of the opener. Press and release this button momentarily for 1 second (one thousand one and release).
- If you have the cover off of the operator, you will see the green light on the receiver board turn on and stay on for 15 seconds indicating the receiver is in program mode.
- Within the 15 seconds, press and hold the button on the transmitter for 3 seconds (one thousand one, one thousand two, one thousand three).
- The light on the receiver board will flash five (5) times within 2 seconds and then turn off indicating the transmitter has been programmed to the receiver and the program mode has been exited.



## (FL) & (FN) WIRELESS PUSH PADS

- You will need to connect the loose wire for proper operation. Locate Allen screw on bottom of box for (FL) or on face of stainless steel cover for (FN) and connect loose wire to open terminal.
- On the Open Sesame operator, locate the RED program button on the upper right surface of the opener. Press and release this button momentarily for 1 seconds (one thousand and one).
- If you have the cover off of the operator, you will see the green light on the receiver board turn on and stay on for 15 seconds indicating the receiver is in program mode.
- Within the 15 seconds, press and hold the push pad you wish to program for 3 seconds.
- The light on the receiver board will flash five (5) times within 2 seconds and then turn off indicating the transmitter has been programmed to the receiver and the program mode has been exited.

## (FT) WIRELESS WALL TOUCH PAD

- On the Open Sesame operator, press and release the red program button for 1 second.
- If you have the cover off of the operator, you will see the green light on the receiver board turn on and stay on. This light will stay on for 15 seconds indicating the receiver is in program mode.
- Within the 15 seconds, touch the pad that you wish to program momentarily (2 seconds)
- The light on the receiver board will flash five (5) times within 2 seconds and then turn off indicating the transmitter has been programmed to the receiver and the program mode has been exited.

## TO CHANGE CODE FOR KEYLESS ENTRY PAD

You may have chosen to purchase the security entry system, also known as the keyless entry pad. If not, it is always available for purchase after your original installation. The keyless entry pad is primarily used to allow home healthcare personnel access to a residence without giving out keys. The combination code can also be given to trusted friends, caretakers or emergency personnel.

## TO CHANGE CODE:

- 1) Enter # # XXXX on keypad (XXXX is the old code)
- 2) Enter desired 4-digit code
- 3) Enter 1# #
- 4) Wait a few seconds
- 5) Enter \*\*. You can now use the new code.

**NOTE:** To reset code factory setting of "1234", do the following:

1. Disconnect battery
2. While holding down any button, reconnect the battery.
3. Continue holding button for 5 seconds.



## REPLACING REMOTE CONTROLS

If your remote control has been lost or damaged, you will need to acquire a new remote and program your Open Sesame operator to respond to it. For your security the Open Sesame operator will only respond to the remote control it has been programmed to.

If you have lost your remote and are concerned about others using it to gain access to your residence, you can de-program all of the remote units by following the instructions below.



**RED BUTTON**

## DEPROGRAMMING REMOTES

To de-program remotes from Open Sesame operator, press and release the RED program button on top of the door operator 5 times within 3 seconds. This will deprogram ALL of the remotes from the operator.

*Refer back to page 9 for reprogramming instructions.*

## 90 DAY

### SATISFACTION GUARANTEE

During the first 90 days after date of purchase\*, if you are dissatisfied with the performance or the quality of materials of the Open Sesame door operator, you may return the door operator for a refund or exchange. For customized/special order items contact us to check return eligibility. If you purchased your Open Sesame door operator from an outside vendor, please check with them regarding their exchange/return policy. Door operators must be returned in original packing materials. Prior to shipping back the operator contact Open Sesame, Inc. at 1.800.673.6911 to receive a Return Authorization Number. The Guarantee does not include any charges for shipping, installation, accessory equipment or hardware required for installation. This guarantee does not cover any malfunction, failure or defect resulting from improper installation, misuse, abuse, neglect, alteration, modification or repair done by any other than authorized Open Sesame Door Systems representative.

\*Date of Sale is based on Date of Invoice and internal serial number. Serial number is located on the bottom of the unit or on the inside cover and must be present when unit is returned.

**90 Day  
5 year  
Limited  
Warranty**



## **1 YEAR WARRANTY**

During the first year Open Sesame will replace, exchange, and/or repair all factory supplied components of our door operator free of charge. This does not include any transmitter batteries. The course of action necessary to return your door operator to a functional state is solely at the discretion of Open Sesame Door Systems, Inc.

## **5 YEAR LIMITED WARRANTY**

After the first year, Open Sesame will replace, exchange or repair all factory supplied components on a fee basis not to exceed \$450 for an additional 5 years. The warranty excludes replacement of batteries for remote controls or the battery in the operator itself. Open Sesame Door Systems, Inc is not liable for incidental or consequential damages, so the above exclusion may not apply to you. This warranty also gives you specific legal rights, and you may have other rights that may vary from State to State.



# TROUBLESHOOTING

ISSUE	CAUSE	SOLUTION
No Green (ON) light on the board	No power from transformer (no green light on the transformer)	Check outlet for Proper Voltage
	Bad Transformer	Replace transformer
	Wires disconnected from back of Transformer	Check connection of wires to Transformer
No red light on board	Operator is switched OFF	Move switch to ON position
	Misaligned "H" Sensor and red dot on disk	Realign "H" Sensor and red dot on disk
	"H" Sensor may not be close enough to red dot on Disk	Push up "H" Sensor with thumb, should be 1/8" away from Disk
	Blown Fuse (Models prior to 2021)	Replace fuse - located in tubular fuse holder connected to orange battery wire.
	Bad top board	Replace top board
Door does not open	Red light on board not on	"H" Sensor and red dot not aligned
	Loose Connections	Check & tighten all connections
	Battery Failure	Refer to battery testing instructions. Turn operator off if recharging is needed or replace battery if it's 3-5 years old.
	Obstruction, weather stripping	Remove obstruction, thick weather stripping may need to be removed.
	Blown fuse (Models prior to 2021)	Replace fuse - located in tubular fuse holder connected to orange battery wire
	Bad Radio Receiver Board (if Test button does not work)	Replace Radio Receiver Board
Door does not open wide enough/to its normal width	Opening angle not adjusted	Adjust Opening Angle (blue knob on top board)
	Battery Failure	Recharge or replace battery
Door does not delay	Incorrect Close Delay setting	Adjust Close Delay knob (5-35 sec)
	Bad Top Board	Replace Top Board
Operator only works in one direction	Bad Bottom Board (Models prior to 2021)	Test by: Sliding Switch on opposite direction, open the door and hit test button (M133) door should open further if it doesn't then there is a bad bottom board. M233 door should open automatically. If it does not, replace bottom board



## TROUBLESHOOTING CONTINUED

ISSUE	CAUSE	SOLUTION
Door moves slower upon opening/closing	Weather stripping, dragging on door.	Remove anything that might be dragging the door. Thick weather stripping may need to be removed
	Battery Failure	Recharge or replace battery
Strike does not release door latch	Clutch is engaging and keeps running so it wont let you open the door	Battery Failure-Turn off operator and recharge. Replace battery if it's 3-5 yrs old.
	Bad Wiring	See Detailed Troubleshooting on <a href="http://www.OpenSesameDoor.com">www.OpenSesameDoor.com</a>
	Bad Door Cord or Bad RJ-11	See Detailed Troubleshooting on <a href="http://www.OpenSesameDoor.com">www.OpenSesameDoor.com</a>
	Misaligned red dot sensor with sensor	Re-align red dot
Door goes the opposite way	Direction of Slide Switch towards wrong side.	Move Slide Switch towards hinges. With parallel mount, Slide Switch should be away from hinges
Door does not close	Not enough force	M233: adjust clutch by rotating the red ring on the clutch. <i>Note: You should not need to tighten the clutch all the way.</i> If more force needed (both models) move shoe of arm in towards hinges and place middle of shoe on the next existing hole
	Battery Failure	Recharge or replace battery
Clutch is slipping and makes a grinding whining noise	Bad clutch	Send in to have motor clutch assembly replaced (call for RA# before shipping operator in)
Transmitter does not work	Incorrect remote	Green Antenna = 433Mhz Purple Antenna = 315Mhz Gray Antenna = 390Mhz (Antenna is the coiled wire located behind red and black buttons on the top of the operator)
	Transmitter not programmed	Refer to Owners Manual or see programming instructions at <a href="http://OpenSesameDoor.com">OpenSesameDoor.com</a>
	Dead battery on transmitter	Replace battery, refer to Owners Manual or go to <a href="http://OpenSesameDoor.com">OpenSesameDoor.com</a> for battery information
	Bad/loose connection between Top Board and Receiver Board	Fix/tighten the connection
	Bad Receiver Board	Replace Receiver Board

# FOR TECHNICAL SERVICE

CONTACT YOUR LOCAL DEALER/INSTALLER

Dealer/Installer: \_\_\_\_\_

Contact: \_\_\_\_\_

Phone #: \_\_\_\_\_

Invoice #: \_\_\_\_\_



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San Leandro, CA 94577  
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Manufacturer of Disability Access Products

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