OWNER'S MANUAL - SERIES 4500 & 5100 DISPLAY CONTROL PANEL

The Series 4500 Slide-Fold and 5100 Sliding Door System includes an electronic control panel to select the operating mode of the door, and provide feedback on the door status. Included are five pushbutton / keys-

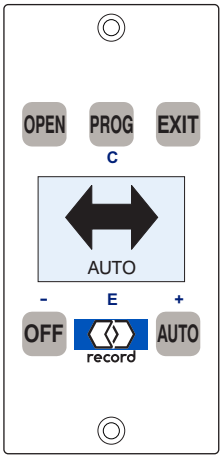
OFF turns off automatic motion and allows the door to be moved manually.
Note 1: Depending on door configuration, this may close & **LOCK** the door.
Note 2: When in the **OFF/LOCK**ED mode, pressing the OFF key a second time will momentarily open the door to allow egress; after an adjustable delay, the door will close and return to the **OFF/LOCK**ED mode.

AUTO enables automatic operation with response for both ingress and egress.

EXIT enables automatic operation for egress traffic only.

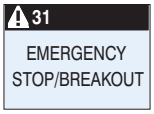
OPEN automatically opens the door and remains open; pressing a second time will place the door in **Manual** mode allowing easy re-positioning of the door.

PROG selects the percentage of opening for the above modes. When pressed momentarily, the automatic opening is changed from a full opening to a reduced opening, indicated on the display by the additional phrase "PART'L" and small arrows above the mode icon. Press the key a 2nd time to revert back to full open operation. If the key is pressed and held for 8 seconds, a bar graph is displayed indicating the percentage of full opening that will be used in Partial opening. To change the partial open width, press the AUTO key to increase, or the OFF key to decrease. The bar graph will indicate the revision. When finished, press the "record" key to select the new setting.

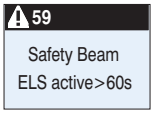


The control panel includes a backlit display providing confirmation of the above mode selection, reminders of safety checks and phone numbers, and will additionally indicate when the system has an abnormal operating status. Abnormal status indication is in the form of a short text description of the anomaly. Examples include "Emergency Breakout" "Safety Beam actuated > (for more than) 60 sec.", "Obstruction", etc. The user may be able to resolve some issues without requiring a service call. Certain door status will require an authorized technician to service the door, and their phone number can be accessed by momentarily switching the door OFF, then back on (AUTO, EXIT, or OPEN), and the phone number will momentarily display.

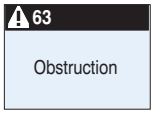
Using the above examples -



Emergency Breakout - indicates one of the door panels has been broken out and has not been fully reset into the closed position. Each door panel should be inspected and closed properly.



Safety Beam > 60s(econds) - indicates one of the four safety beam heads (two located on each side of the opening) has been blocked. Remove objects that may be obstructing a clear line-of-sight between opposing beam heads.

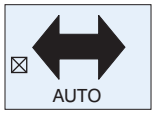


Obstruction - indicates the door(s) has encountered significant resistance in either opening or closing and cannot move without exceeding code limited forces. Inspect the bottom guides, weatherstripping, etc., around the perimeter of the door and in the door's path of motion. Note: After an obstruction ocurrs, the next operation of the door will approach the obstruction point at a reduced speed; normal speed is resumed after traveling through the obstruction point without impediment.

Additional screens provide similar information concerning the door sensors and operator components. A small key displayed on the left side of the screen indicates a remote override switch has disabled the panel. If the message "Control Panel can't override" is displayed when attempting to change operator modes, a second control panel (or remote control interface) is connected to the door and has priority.

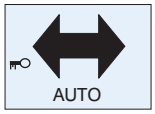
The control panel can be "locked", preventing unauthorized use, by pressing the key sequence -

record + PROG + OFF → A small square with an "X" will appear on the left of the display.

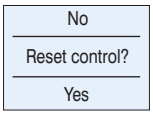


To re-enable the keypad, repeat the above sequence.

The control panel can be remotely locked by removing the jumper from the two conductor terminal block on the back of the display and replacing it with a remote switch. When locked in this manner a small key is displayed -



To reset the door operator, press the record button for 8 seconds. The screen at right will appear. Press the record button again to initiate a software reset; normal operation should resume in a few seconds. If not, contact your local record dealer



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OWNER'S MANUAL - SERIES 6100 & 8100 DISPLAY CONTROL PANEL

An optional feature for the Series 6100 and 8100 swing door systems is an electronic control panel to select the operating mode of the door, and provide feedback on the door status.
Included are five pushbutton / keys-

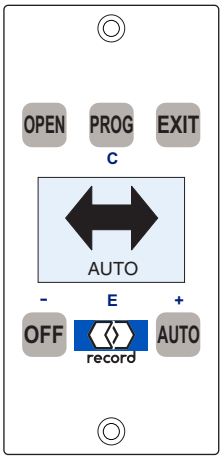
OFF turns off automatic motion and allows the door to be moved manually
Note 1: Depending on door configuration, this may close & **LOCK** the door.

AUTO enables full automatic operation with response for both ingress and egress.

EXIT enables automatic operation for egress traffic only.

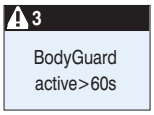
OPEN automatically opens the door and remains open.

PROG is used to select low-energy configurations. In this mode, assuming the door is not locked, the door is free to be opened by manual pressure applied to the door. Closing force is provided by an internal spring and is electronically regulated.

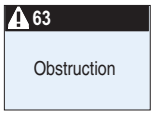


The control panel includes a backlit display providing confirmation of the above mode selection, reminders of safety checks and phone numbers, and will additionally indicate when the system has an abnormal operating status. Abnormal status indication is in the form of a short text description of the anomaly. Examples include "BodyGuard active > (for more than) 60s", "Obstruction", "Encoder Fault", etc. The user may be able to resolve some issues without requiring a service call. Certain door status will require an authorized technician to service the door, and their phone number can be accessed by momentarily switching the door OFF, then back on (AUTO, EXIT, or OPEN), and the phone number will momentarily display.

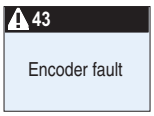
Using the above examples -



BodyGuard active > 60s - indicates the swing-side safety sensor has been actuated for more than 60 seconds. This alarm will clear as soon as the sensor stops providing a signal to the operator.



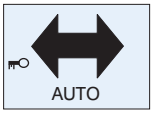
Obstruction - indicates the door(s) has encountered significant resistance in either opening or closing and cannot move without exceeding code limited forces. Inspect the bottom guides, weatherstripping, etc., around the perimeter of the door and in the door's path of motion. NOTE: After an obstruction ocurrs, the next operation of the door will approach the obstruction point at a reduced speed; normal speed is resumed after traveling through the obstruction point without impediment.



Encoder fault - indicates erratic or no signals are received from the motor mounted encoder. The operator will automatically reset 20 seconds after detecting this alarm. If the alarm continues to occur, a call should be placed to the authorized record-USA dealer.

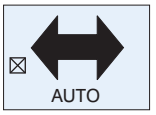
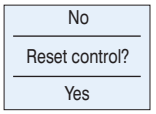
Additional screens provide similar information concerning the door sensors and operator components.

A small key displayed on the left side of the screen indicates a remote override switch has disabled the panel. →



If the message "Control Panel can't override" is displayed when attempting to change operator modes, a second control panel is connected to the door and has priority.

The control panel can be "locked", preventing unauthorized use, by pressing the key sequence record + PROG + OFF A small square with an "X" will appear on the left of the display. →
To re-enable the keypad, repeat the above sequence.



To reset the door operator, press the record button for 8 seconds. The screen at right will appear. Press the record button again to initiate a software reset; normal operation should resume in a few seconds. If not, contact your local record dealer