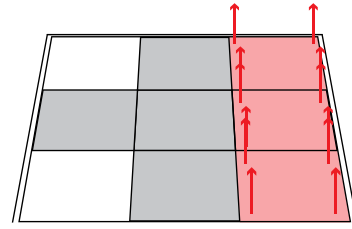


RECTANGLE PANEL KIT

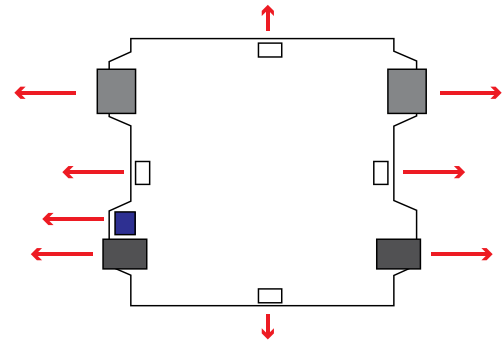
INSTALLATION

1. **BEFORE ANY MODIFICATION IS DONE, VERIFY THAT THE STAGE IS POWERED OFF AND UNPLUGGED.**

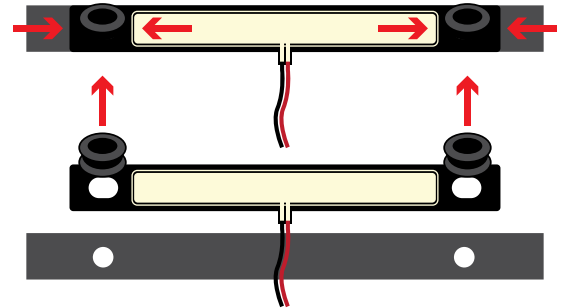
Remove one complete side of panels from the stage by removing the four screws from each of the three panels and lifting the panel up.



2. Disconnect all wires from all three panel PCBs.
 - Unplug all **four** sensors from around the perimeter
 - Unplug the **two** top Power cables
 - Unplug the **two** RJ11 cables from the bottom
 - Use a small screwdriver to loosen the colored signal wire from the screw terminal labeled "SIGNAL"
3. Remove all sensors by squeezing in the sides of the rubber grommets and lifting upwards to release from the frame.



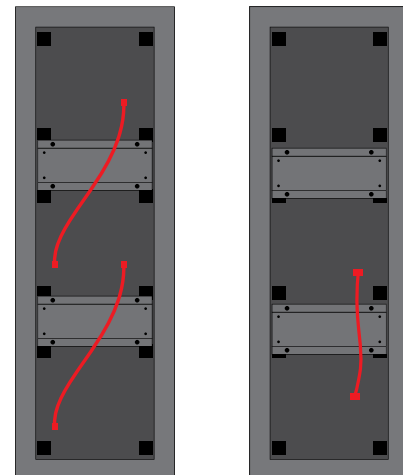
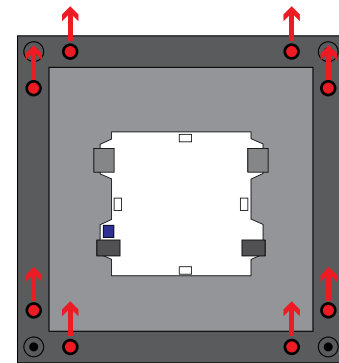
4. Completely remove all panel frames by removing the 8 screws surrounding the edge and lifting upwards. This will remove both the frame and the mounted PCB. Be careful to feed the cables through the holes on the frame when removing.



5. Remove the two loose RJ11 cables - one extends between the upper and middle panel and the other extends between the middle and lower panel.

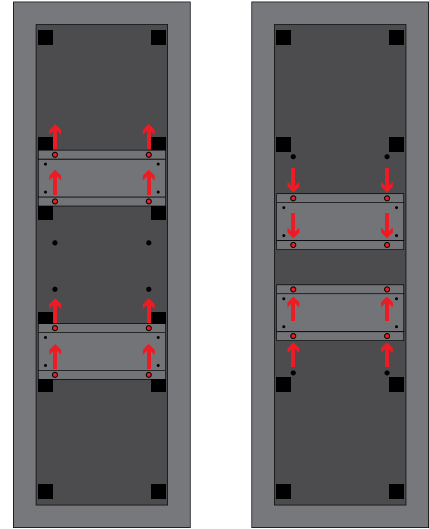
Remove the power cable between the middle panel and the lower panel.

Note: RJ11 cables have a small tab on the **bottom** that is inserted **into** the plug. The power connectors have a small tab that clips on **above** the plug.



RECTANGLE PANEL KIT

6. Remove the two cross-braces by removing the four screws on each.

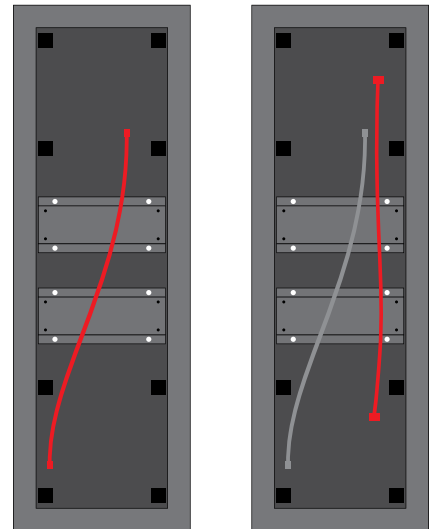


7. Move the cross-braces into the center-most hole positions and re-secure them using the same four screws on each.

8. Take one of the extended RJ11 cables included with this kit and run it through the stage to reach both the upper and lower panels.

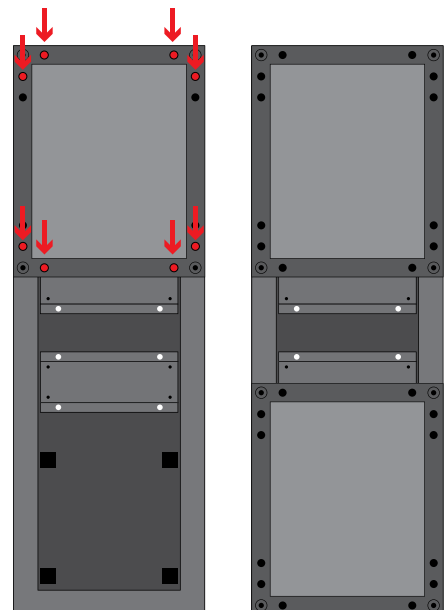
Run the remaining power cable from the upper panel to the lower panel.

Feed the cables through the holes on the cross-braces.



9. Install two of the rectangle panel frames into the upper and lower sections of the disassembled side. When placing the frame down, run all existing wires through the holes on the frame.

Secure the frame using the screws removed from the original square frames in the holes closest to the frame corners.

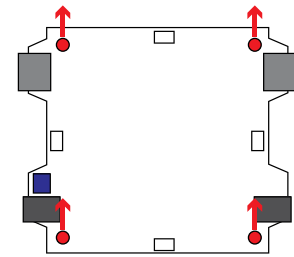


RECTANGLE PANEL KIT

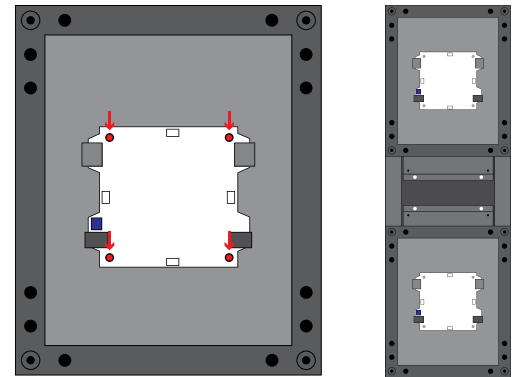
INSTALLATION

10. Unscrew two of the three panel PCBs from the removed square frames and set aside.

DO NOT place the PCB on carpet as this can cause static damage.

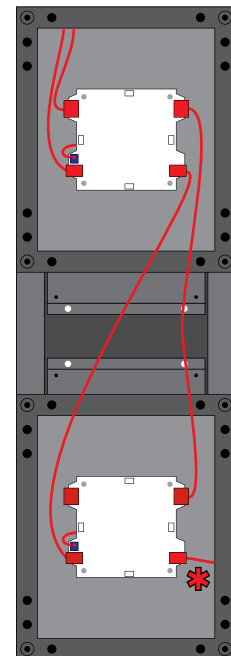


11. Re-install two PCBs into the new upper and lower frames using the screws to attach the PCB.

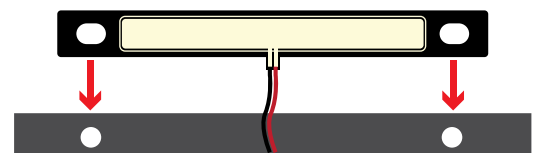


12. Re-connect the existing wiring.

- Use a small screwdriver to re-connect the colored signal wires into the screw terminals labeled "SIGNAL"
 - Plug in the extended RJ11 cable into the "OUT" jack on the upper panel and the "IN" jack on the lower panel
 - *NOTE: On the **Bottom Left** panel, connect the second RJ11 wire that connects to the **Down** panel to the "OUT" jack on the PCB.
 - Plug the top panel's two power connectors into the top PCB, and connect the single remaining power cable to the lower panel PCB.
- NOTE: Either plug can be used for connecting power on the lower PCB.



13. Place four sensors along the outer perimeter of each rectangle frame, one on each of the four sides. Line up the holes on the sensor with the holes on the frame.



RECTANGLE PANEL KIT

- Secure the sensors into the new rectangle frame by taking a rubber grommet, squeezing it from the sides, and inserting it into the frame through the hole on one end of the sensor until it pops into position.

Repeat for the remaining hole on this sensor, then repeat for the remaining sensors.

- Plug the sensors into their corresponding plugs on the PCB.

NOTE: VERIFY THE JUMPERS ARE SET TO THE FSR POSITION TO ENSURE PROPER FUNCTIONALITY.

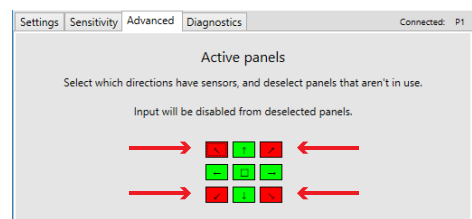
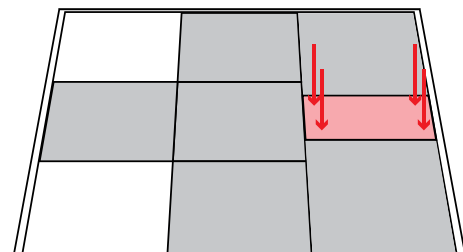
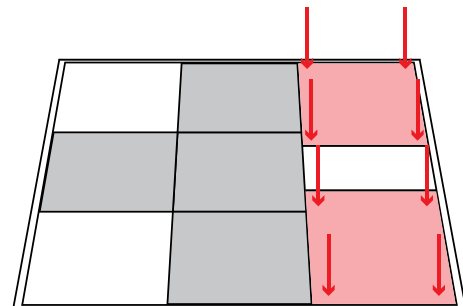
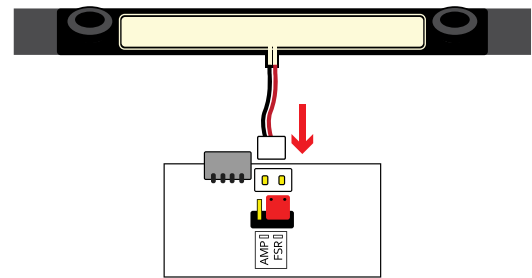
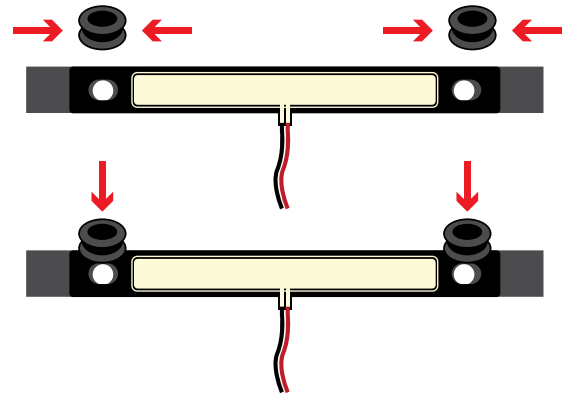
- Place a new Rectangle Panel onto both the upper and lower frames, securing them using the new included screws with spacers.

- After both rectangle panels are secured, install the metal spacer panel between the two panels using four of the included long screws.

This completes the assembly for one side of the stage.

Repeat steps 1 - 17 for the remaining side.

- After installing all hardware, attach the stage to a PC and re-connect power. Using the SMX Config Tool with the stage attached, select the "Advanced" tab and click on the corner panels to enable input and configuration of the newly installed panels.

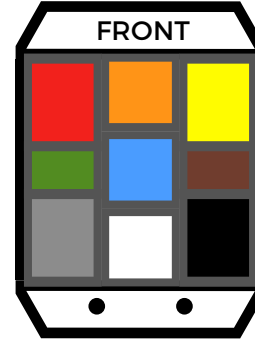


WIRING AND DIP SETTINGS

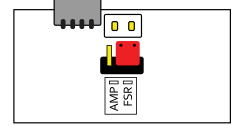
If after installing your stage is not functioning properly, these are the specific settings for each panel. Make sure that each panel has both the proper colored wire running from the control unit to each panel, along with the specified DIP switch settings.





















Diagnostic modes listed operate on a per-panel basis.
Panels will not function normally when in diagnostic modes.

Verify the small jumper located near each panel PCB's sensor plugs match the appropriate sensor types installed.
By default, this should be set to FSR.



CONNECTOR PCB



DIP SWITCH SETTING	PANEL POSITION	WIRE COLOR
 OFF OFF OFF OFF UP-LEFT  RED		
 ON OFF OFF OFF UP  ORANGE		
 OFF ON OFF OFF UP-RIGHT  YELLOW		
 ON ON OFF OFF NOT USED WITH RECTANGLE PANELS  GREEN		
 OFF OFF ON OFF CENTER  BLUE		
 ON OFF ON OFF NOT USED WITH RECTANGLE PANELS  BROWN		
 OFF ON ON OFF DOWN-LEFT  GRAY		
 ON ON ON OFF DOWN  WHITE		
 OFF OFF OFF ON DOWN-RIGHT  BLACK		
 ON OFF ON ON LED CHECK Lights all LEDs dim white. This allows checking that all LEDs are functioning.		
 OFF ON ON ON SENSOR PRESSURE TEST Illuminates the panel based on active sensors. Yellow, Green, Blue, and Red represent each individual sensor detecting pressure.		