



## **IsoPac and Height Extender Assembly Instructions**

**What you will need:** Rubber hammer, rubbing alcohol or PPC cleaner with clean rag to lube the panel end. A reasonably tall assistant is also great to have.

1. First, check to make sure that nothing was damaged in shipment. **If you see damage, call us as or your dealer soon as possible.** Please keep your packing materials as long as possible for storage and transport. Erect your ClearSonic Panel System according to the usage instructions included with the panel system.

2. How to install AX12s or AX18s:

A. Your AX panels have been attached together with hinge here at the factory. Inspect your AX panels and H-channels to make sure they were not damaged during shipment. The "H" channel sections will be used to attach the AX Height Extenders to the top of your ClearSonic Panel (CSP) system. Keep the packing materials in case products need to be returned or for future storage and transport.

B. If possible, set up your large panel system in a "zigzag" configuration with about 45 degrees of angle from one panel to the next so that it is stable. Next, peel the masking off your CSP if you have not already done so and install the H-channel on the top of your CSP panels taking care to line up the edge of the H-channel with the edge of the CSP panel. Completely seat the H-channel with a rubber hammer. Next, note the direction of the hinge fold on your CSP unit. Note that each panel will fold 180 degrees in one direction but only 90 degrees in the other. You will want to match the AX hinge configuration with that of the panel system you are attaching to so that the whole unit will still fold "accordion style" once the AX units are in place.

C. Use the PPC cleaner or alcohol/rag combo to lube and clean the bottom ½ inch of the AX panels. This will make the surface slippery for a short while and facilitate assembly. It works best to have an assistant hold and unfold the panels one at a time as you do the placement and seating of the AX panels.

D. Line up one end and seat the first AX panel into the H-channel. It does not have to seat the whole way in at this point. As the first AX is put in place, have your assistant see that next AX panel is lined up over the next panel and starts to seat correctly.

E. Set each succeeding AX until all are in place. You will want to go back and tap the AX panels with your rubber hammer to make sure that they are completely seated.

3. Now you and your assistant are ready to move the CSP panel system into place. **Use soft gloves if you have them to avoid fingerprints.** Close the system up and walk it to the center front of the kit. Rough position the panels by opening in both directions and wrapping around the both sides of the kit. For small adjustments and final placement, we recommend that you and your assistant get down on your knees and use the cable pass openings at the bottom of the system for grips to shift the panels left, right, in, or out. The system will seem a bit unstable until the Lid is dropped on top.
  
4. Measure the distance between the end panels and extend the telescoping support bar to the same length. Place the bar end “J” hooks onto top of the end panels of your ClearSonic Panel system about 5 inches from the back edge. This bar will support the Lid panels in the back and the front of the CSP system will hold the lid panels in front. Place the rectangular STC5 Lid section on top towards the center so that the SORBER overhangs the front panel by an inch or two. The trapezoid-shaped STS5 units go on either side of the center STC5. We recommend that you leave at least some gaps for air to be introduced. It could get very hot inside the booth without some air exchange. The fan will help facilitate the air exchange.
  
5. Depending on the IsoPac you have, place the free-standing SORBER S5-2, S4-2, or A5-5 units behind the kit. Place the Velcro pieces on the S1 and S2 units to be stuck to the CSP. The bottom row of S2 units that are resting on the floor only need Velcro on the top edges. On the SORBER units placed higher up, we recommend using at least four Velcro pieces. Place the Velcro about an inch from the side edge and on the top and bottom edges of the baffles. Peel the paper off the Velcro just before placing the baffle in the desired location. Have your assistant apply opposing pressure on the outside of the CSP and press the S1 or S2 firmly to bond Velcro to the CSP. The free-standing models can be tacked together using the 4" Velcro flaps provided at the top and bottom edge of each SORBER panel to create a continuous SORBER wall.
  
6. The quiet 2-speed fan simply clips onto the top of the back S5-2 or STC5.

Please feel free to call us at 330-650-1420 with any questions or comments you might have and thank you for using ClearSonic products!