

Economy Fixed Frame Screen Instructions



This is the full manual. A condensed printed version is included with the screen.



Contents:

- ☒ 6: black satin powder coated, extruded frame members
- ☒ Screen, with installed grommets (inside cardboard tube)
- ☒ 4: Corner L-brackets
- ☒ 2: Straight splicing bars
- ☒ 24: 18-8 SS socket set screws (+1 extra)
- ☒ 1: 1/8" hex ball-point L-key
- ☒ O-rings (+1 extra)
- ☒ 2: 18" Hangman brackets, with hardware (bubble level, assorted screws, anchors, etc.)

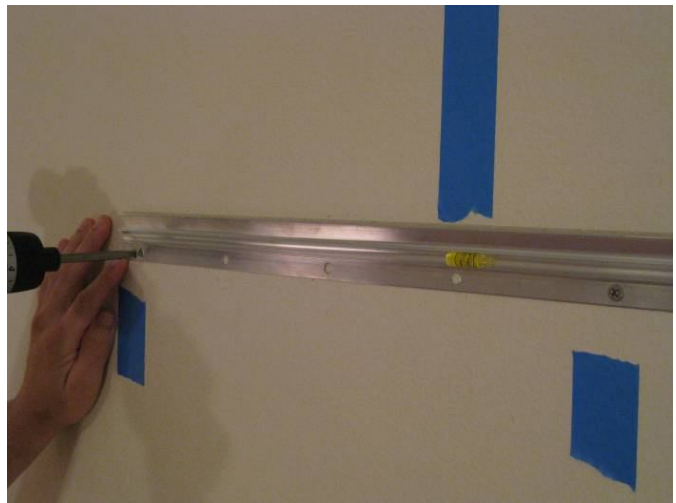
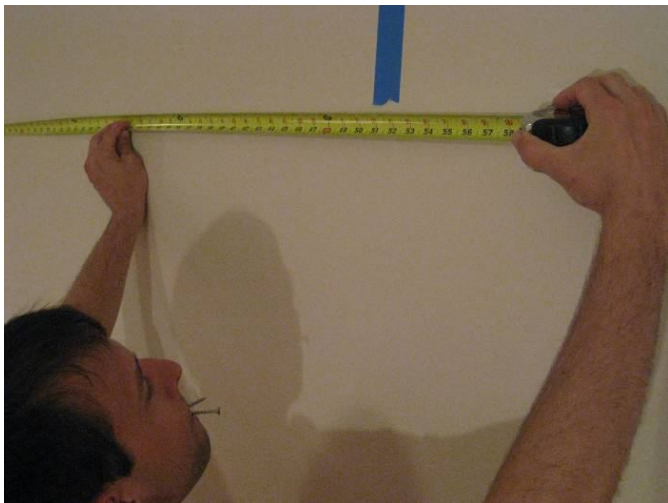
Identify bottom right frame. Identify the frame piece that is the lower-right horizontal piece. It's the frame piece that has the Seymour AV logo under the protective film.



Layout frame. Setting one of the short sides aside (it will have 45 degree corners on each end), lay the frame members faced down where they will be installed, together with the corner L-brackets and splicing bars for the tops and bottoms. Put the set screws and the hex key on a piece of paper or dish so you don't lose them.

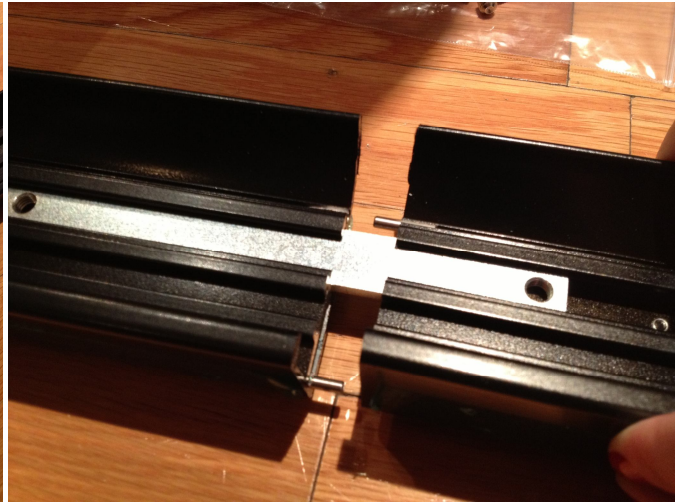


Install wall Hangman brackets. Measure where the screen will be installed, marking stud locations and any other reference lines you need (center line, frame edge, etc.) and install the two Hangman brackets that came with the screen at about the $\frac{1}{4}$ and $\frac{3}{4}$ image width dimensions. Each bracket needs **two** screws to be fully engaged into load-bearing studs. You can drill through the aluminum as needed.



The French-cleat style hanging is the standard method. If your installation needs it to be hung from the ceiling, contact us and we can drill/tap 10-24 threads on the top and supply black eye bolts. If you are doing a floating wall installation or otherwise need the screen to be away from the wall, let us know where and what threaded holes will be needed.

Install splicer bar. Insert straight splicer bar into one side of a top or bottom frame piece, join the other half and align the alignment pins into their holes. Push the joint snugly, center the splicer bar so that its two center holes perfectly bridge the splice and fully tighten the set screws.



Install L-brackets. For the top, bottom and one side frame piece, align the L-brackets into their mating slots in the other frame member, and slide them together making a nice tight corner. It's easiest to save the other side piece for last. Don't tighten screws yet.



Install last short side. For this last piece, a short side, insert its L-brackets but do not tighten at this time. Align the four L-brackets into their mating slots into the top and bottom frame pieces and slide into position.



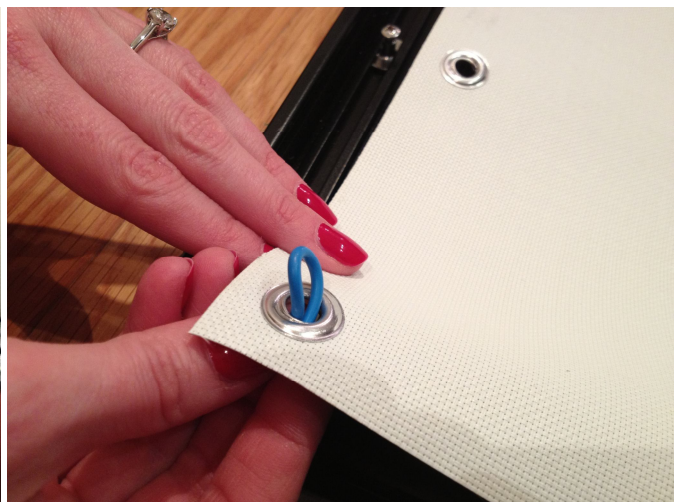
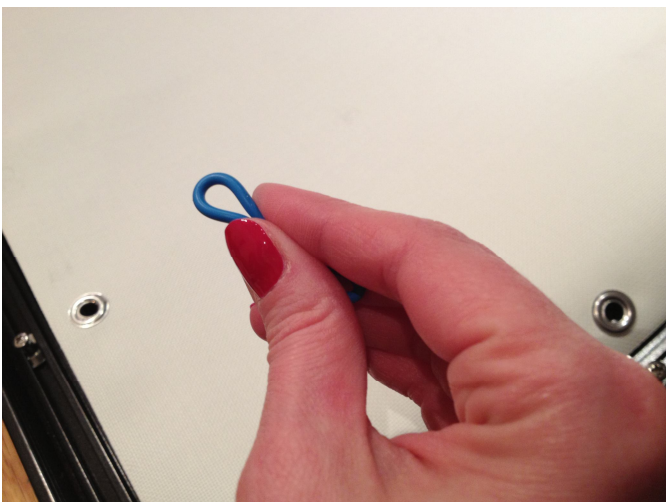
Check alignment, then tighten screws. Confirming with your fingers that the joints are aligned nicely, go ahead and tighten the remaining set screws.

Layout screen on frame. Unroll the screen onto the back of the facing-down frame. Use the **inside surface of the roll for viewing**. The XD specs the same on both sides but we inspect the inside surface for blemishes. Other screen materials have their unique viewing side on the inside surface. Don't worry about waves; they will be tensioned out later.



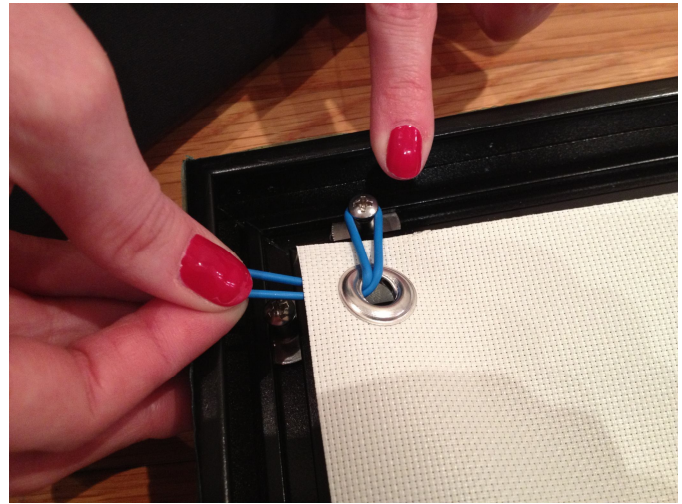
Attach screen to frame.

1. Pinch the o-ring.



2. Poke one end through a grommet.
3. Hold and stretch one side over a post
4. Pull and stretch the other side over a post.

Corner O-rings. The corner o-rings will form an “L” shape across the corner grommets. Use 1 per corner.



Repeat this process around the screen. You can install the o-rings in any order or pattern you want. The constant tension will actively center the screen and correct for any misalignments. We've installed the screw posts to a tolerance of $\pm 0.25"$, which is fine for the self-centering nature of the o-rings. If you want to adjust the location of any screw post, it's easily done with a Philips driver. Simply loosen, slide in the track where you want it and tighten.

Hang the screen. Hang it up with two people, and don't worry about centering the screen on initial hanging. It's easily shifted on its sliding wall mount system by lifting slightly and sliding it where you need. Carefully remove the protective film from the frame. Vacuum with a brush or use a lint roller on the velvet trim.



The installation shown clearly has surfaces that are lighter than a medium shade. If you're using an opaque screen material like the Glacier White non-AT, this is of no concern. If you're using the Center Stage XD screen, you'll need all the surfaces behind the screen to be a medium color or darker, and reasonably non-reflective. If you can't paint everything dark, then you can easily add a secondary black backing layer. It installs just like the screen, just with about $\frac{1}{2}$ the grommets and o-rings since that layer doesn't need much tension.

Final step: go pop that popcorn, calibrate the projector and enjoy!