

Fixed Frame Projection Screen 16:9

P/Ns 7955, 7956, 7958, 30454, 30455, 30456

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this manual thoroughly, paying extra attention to these safety warnings and guidelines. Keep this manual in a safe place for future reference.

- This product should only be installed by a qualified structural contractor. Failure to follow proper structural code in regard to hanging equipment could result in serious injury or death.
- The structure to which this projection screen will be attached must have a minimum load bearing capacity four times the total weight of the screen and frame.
- Frequently inspect the installation for imbalance and signs of wear or damage. Do not use if repair or adjustment is needed.
- Do not touch the screen with your bare hands. The oil on your hands can impact image quality. Use gloves when handling the screen.
- Do not use detergents or cleaning products to clean the screen. Use a soft, lint-free cloth moistened with warm water.
- Two people should be used to attach the screen to the mounting brackets.
- Keep the screen covered by a cloth when not in use to prevent dust or dirt from accumulating on the surface.

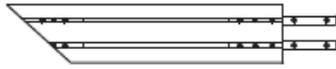
CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website

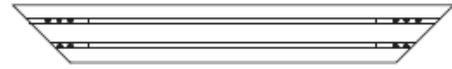
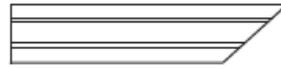
www.monoprice.com during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**

PACKAGE CONTENTS

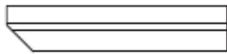
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.



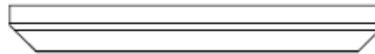
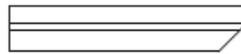
Horizontal Frame Packages x 2 sets--- 1sets included: 1PCS Frame with Nuts plate & Screw installed +1PCS Single Frame



Vertical Frame Packages x 2 sets--- 1PCS Frames with Nuts plate & Screw installed



Horizontal frame cover x 4PCS



Vertical frame Cover x 2PCS



Corner cover x 4PCS



Screen material x 1PCS



Long Tension rod x 2PCS (for vertical frame) Short Tension rod x 4PCS (for horizontal frame)



T joint x 2PCS



Support bar in the back x 1PCS



Snap lug Provided according to size



Φ5x18 screw & Tube x 12SETS



Corner piece x 4PCS



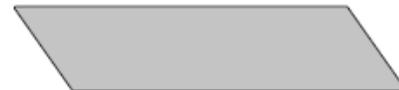
M6x8 screw x 40PCS



M5x5 screw x 4PCS



M5x5 fixing screw x 20PCS



EPE cotton mat x1PCS (For Fabric installation Protection)



Mounting Bracket x 4PCS



L corner piece x 4PCS

TOOLS REQUIRED FOR INSTALLATION

The following tools are required for installation and assembly of this projection screen.

Note that these tools are not provided.



M2.5 hexagon wrench
x 1PCS



Screw driver
x 1PCS



Gloves x 2PCS

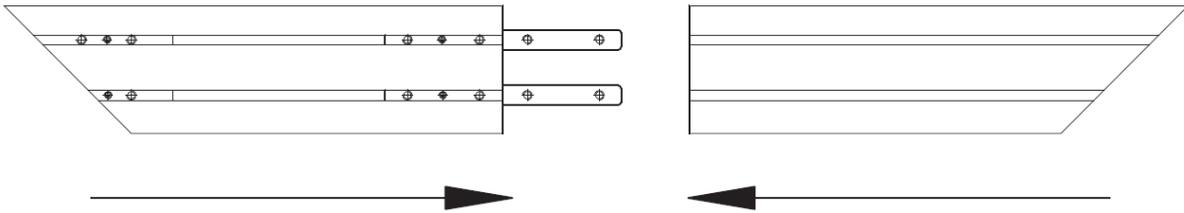
INSTALLATION

Mounting Guidelines

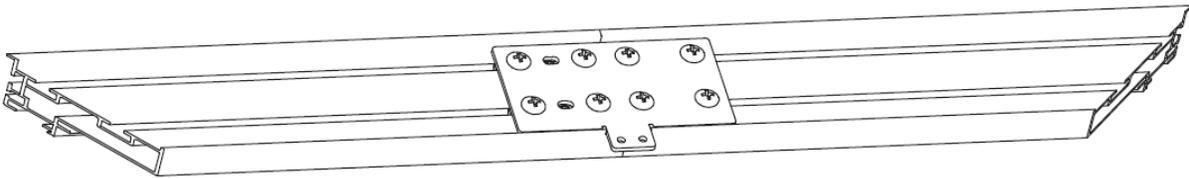
- Use a carpenter's level to ensure that the brackets are mounted level with each other. For best results, draw an erasable line on the wall to serve as a guide for the locations to mount the brackets.
- Use a pencil to mark the drill holes through the bracket. Use a carpenter's level to check that the marked drill holes are level.
- If mounting to wood studs, drill a 4mm pilot hole into the stud.
- If mounting to a concrete wall or ceiling, drill 5mm anchor holes into the concrete, then insert the anchors.
- Always take care when mounting the screen to properly secure the brackets and screen to the wall. An unsecure installation can result in the screen falling from its mounting location. Falling objects can really hurt before they kill you.

Frame Assembly

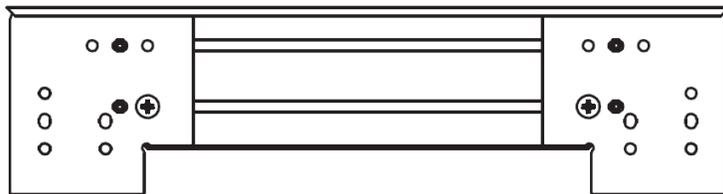
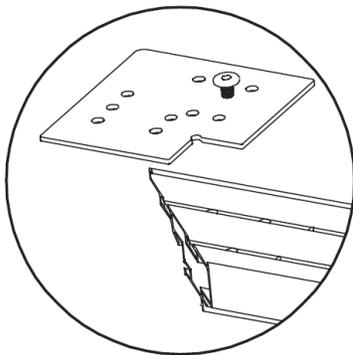
1. Place a blanket on the floor to protect the frame during assembly.
2. Insert the nut plate on one part of one of the horizontal frame package into the slots on the other half of the horizontal frame package.



3. Align one of the T-joints with the nut plates at the center of the horizontal frame package, then secure it to the nut place using eight M6x8 screws. Ensure that there is no gap between the pieces and that it lines up properly before tightening the screws.

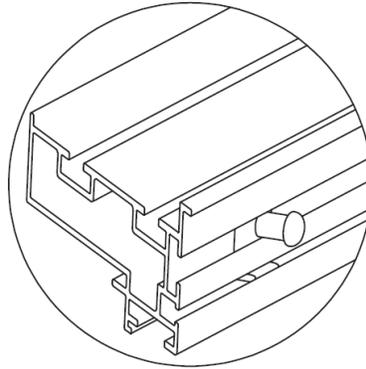


4. Repeat steps 2 and 3 for the other horizontal frame package.
5. Attach a corner piece to each end of the vertical frames using a single M6x8 screw per piece, as shown in the images below.

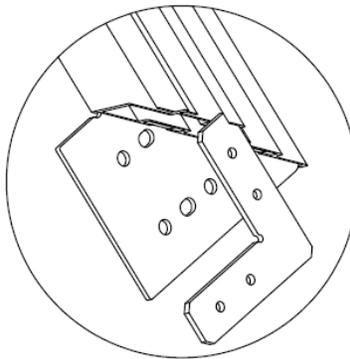


6. Turn each horizontal and vertical frame assembly over.

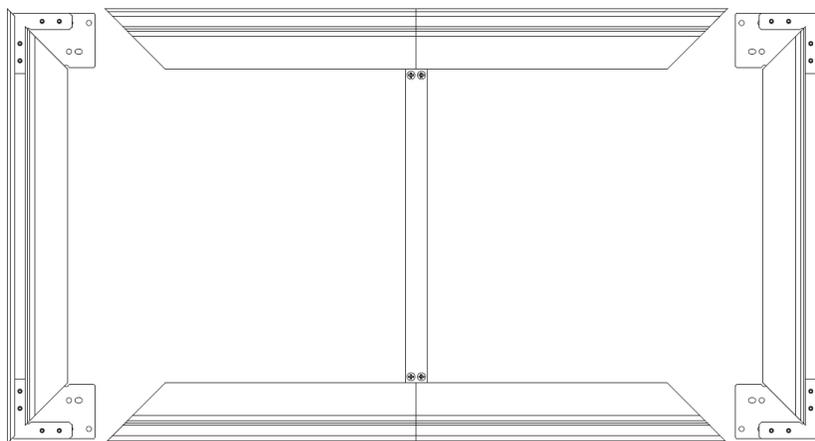
- Slide snap lugs into the slots on the horizontal and vertical frame assemblies and line them up with the arrows on the assembly.



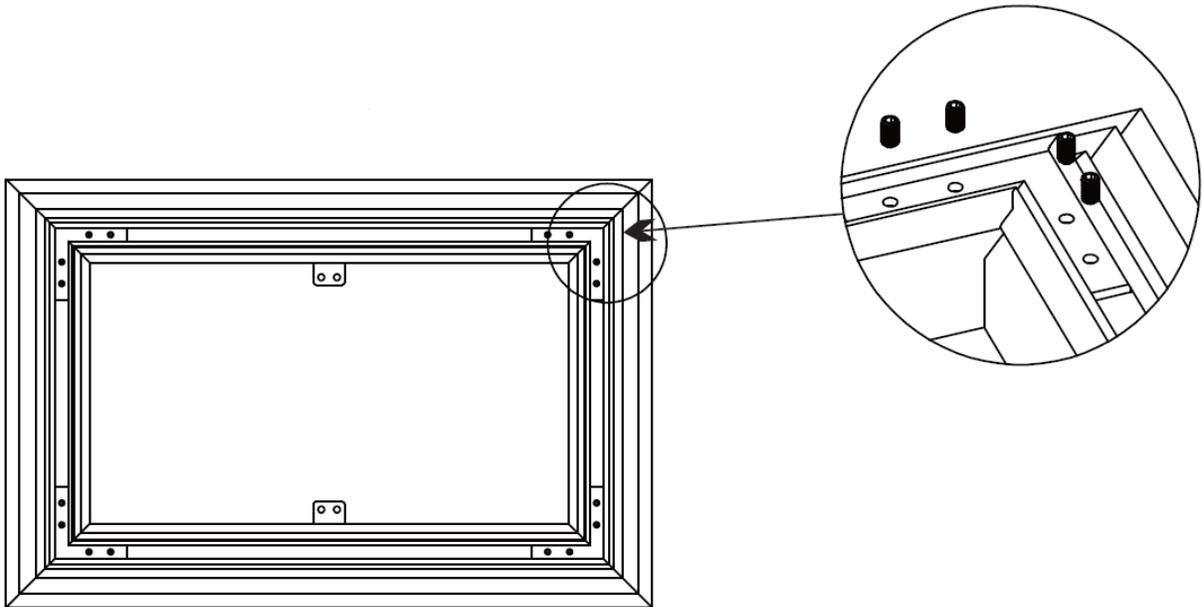
- Insert an L-corner piece into the slots at each end of the vertical frame assemblies, then secure them in place using two M5x5 fixing screws for each piece.



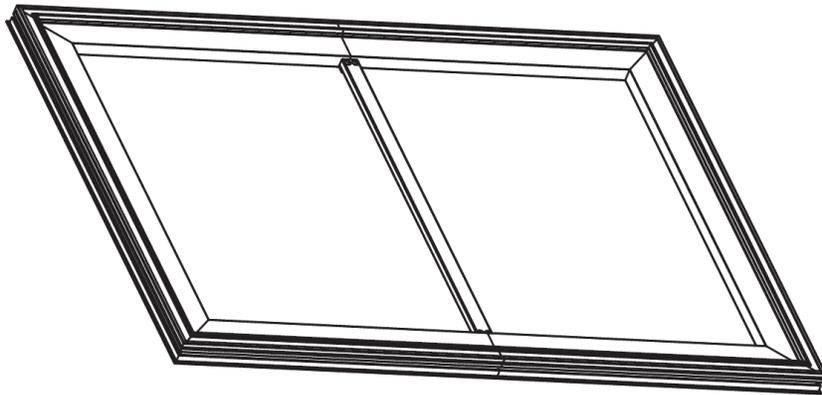
- Place the vertical and horizontal frame assemblies as shown in the image below, then join the pieces by inserting the extended L-corner pieces on the vertical assemblies into the grooves on the horizontal assemblies.



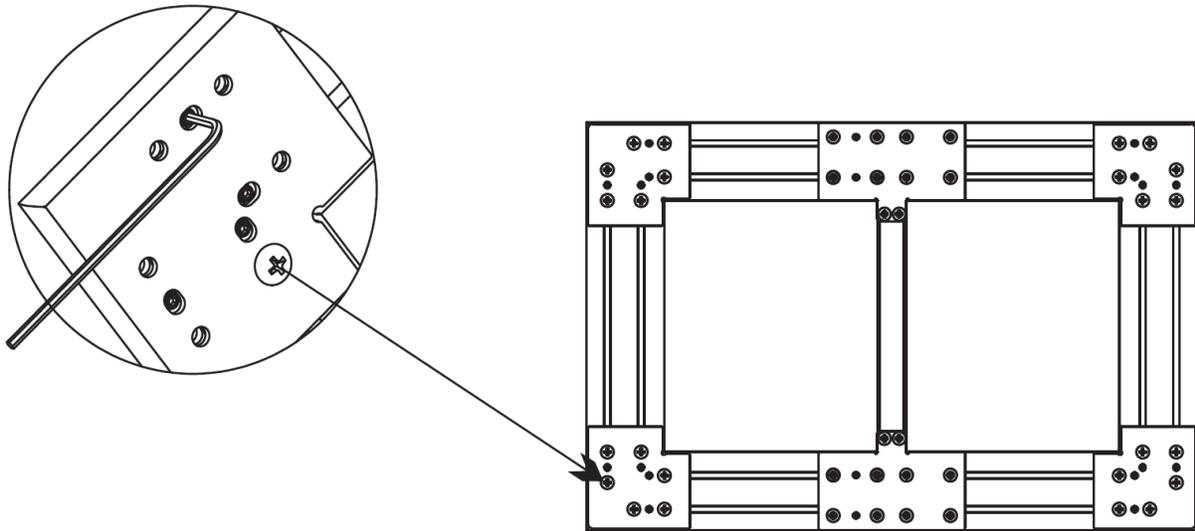
10. Secure the vertical and horizontal assemblies together using two M5x5 fixing screws per corner.



11. Attach the support bar to the t-joints on the horizontal frame assemblies using the four M5x5 screws.

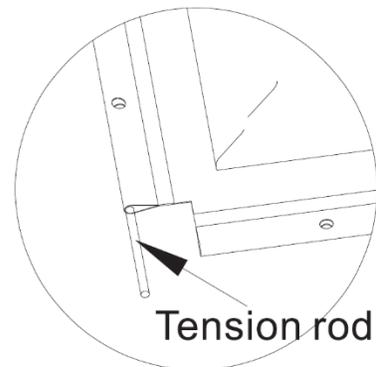


12. Turn the assembly over, then secure the four corners using the remaining M6x8 screws.

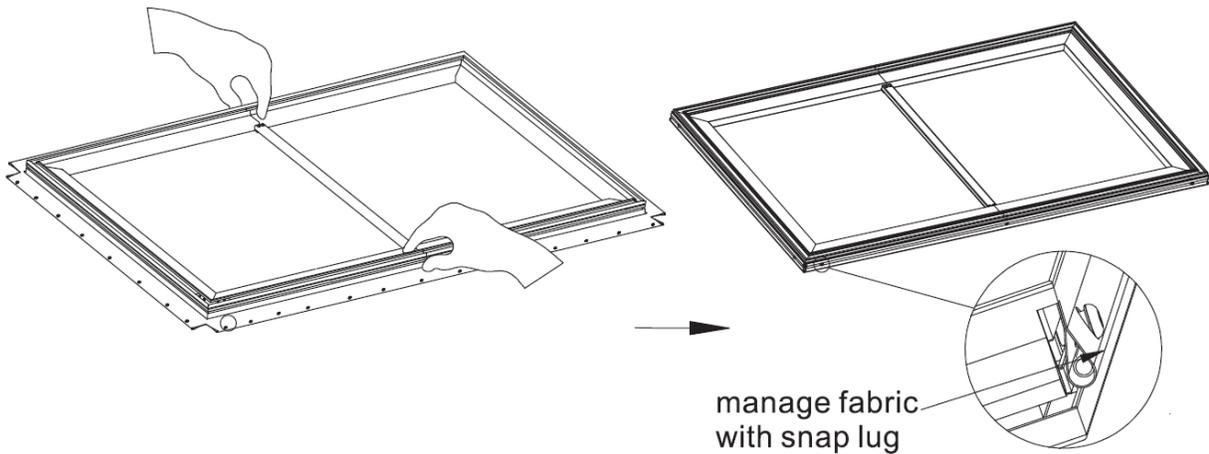


Screen Material Installation

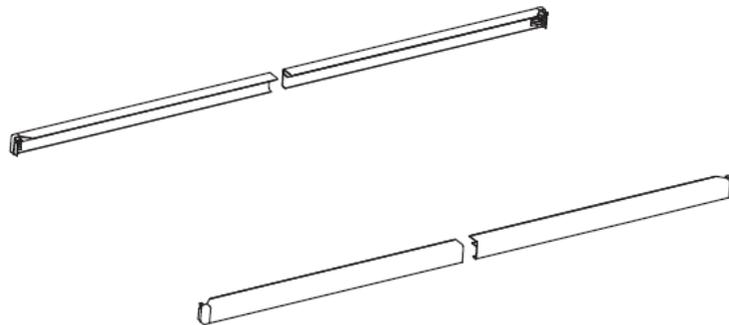
1. Wear a pair of gloves to prevent the oils on your hands from contacting the screen.
2. Lay the EPE cotton mat flat on the floor, then unroll the screen material onto the mat with the rear side up (the rear side is black). Ensure that the screen material is flat with no wrinkles.
3. Place the frame assembly on the center of the screen materials with the corner pieces and t-joints on the underside. The snap lugs should be visible.
4. Insert the tension rods through the holes at the corners of the screen materials. Note that the two long tension rods are to be used on the vertical edges and the four short rods are for the horizontal edges.



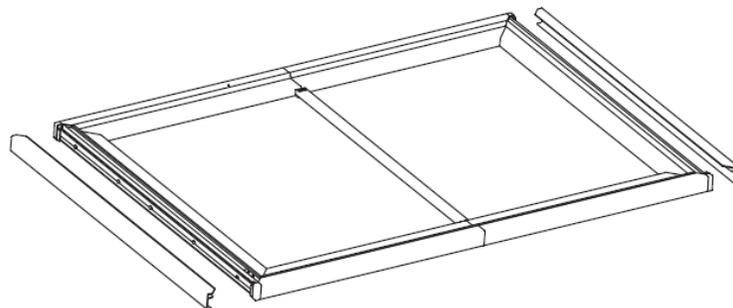
5. Starting at the center of the assembly, wrap the edge of the screen material with the tension rods over the edge of the frame, then over the snap lugs to hold the screen material taut. Ensure that the screen material is taut with no wrinkles. The snap lugs should go through the holes in the edges of the screen material.



6. Assemble the horizontal frame covers by attaching two pieces together, then attaching corner covers to each end of the horizontal frame covers.

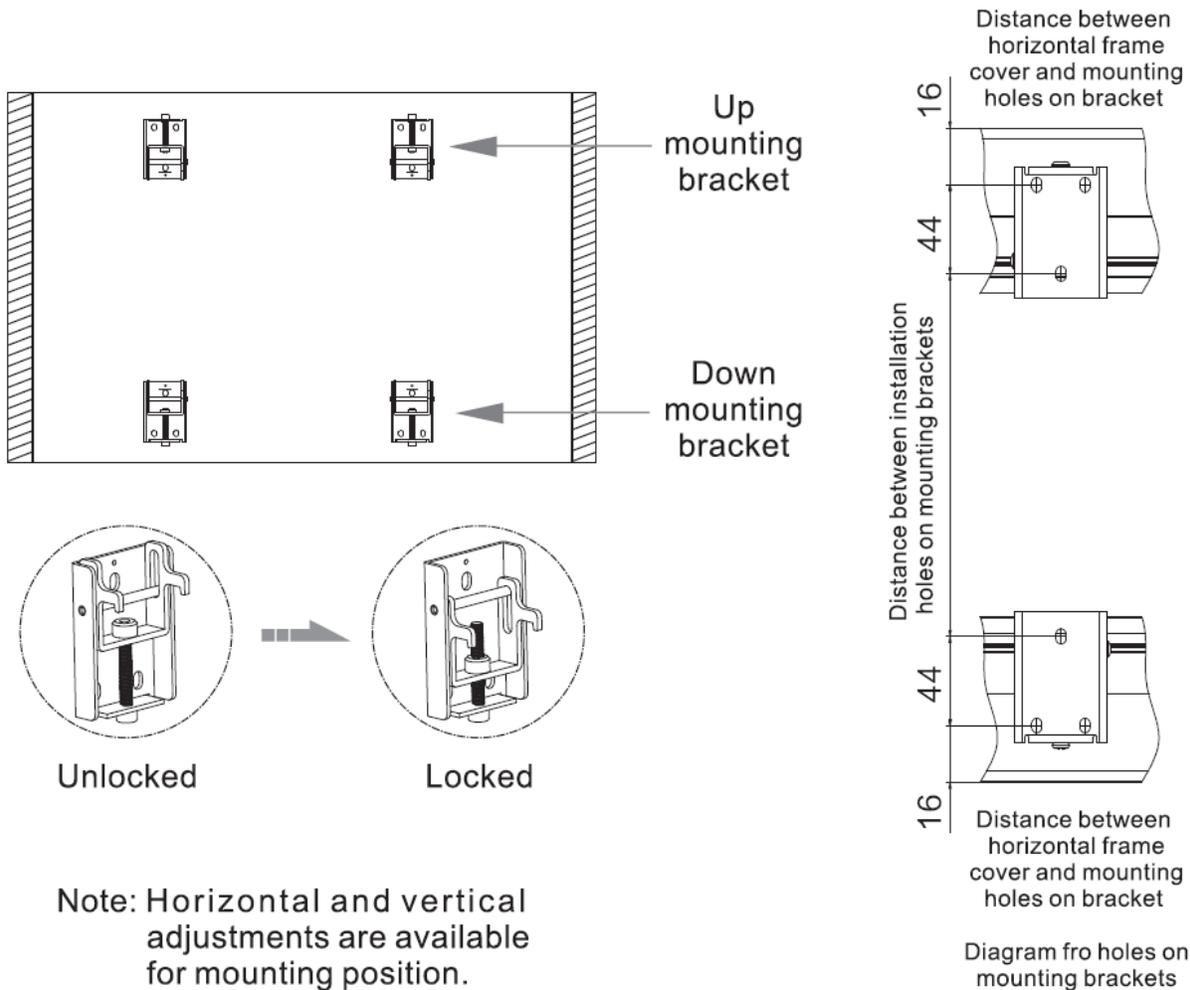


7. Attach the two horizontal frame cover assemblies to the top and bottom of the frame assembly, then attach the two vertical cover pieces to the sides.



Mounting Assembly to the Wall

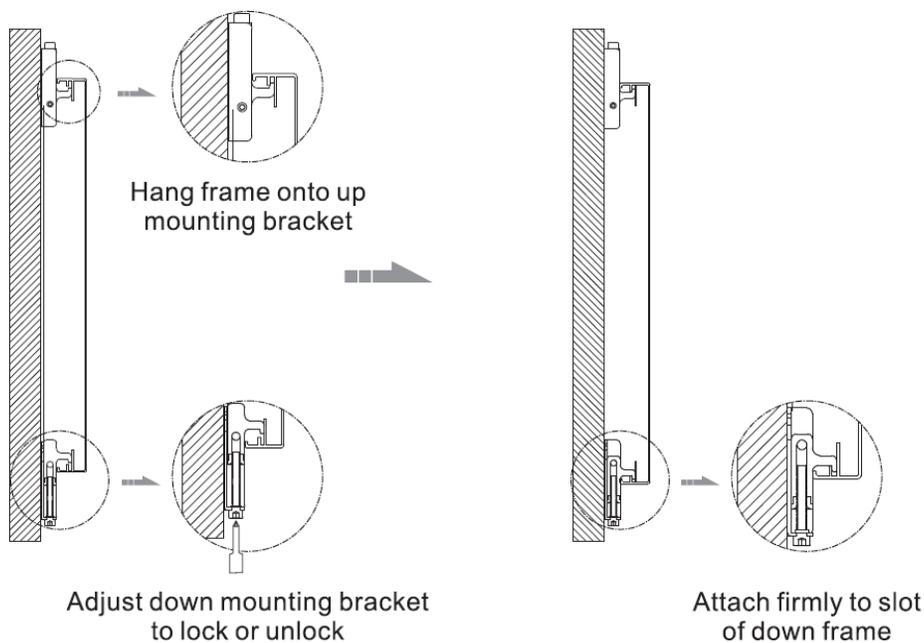
1. Carefully measure the distance from the top of the top horizontal frame cover and the bottom of the bottom horizontal frame cover. Write this number down.
2. Measure the width of the frame assembly and write this number down.
3. If mounting to a wood stud wall, use a stud finder to locate the edges of the studs within the wall. The mounting brackets should be mounted to the wood studs.



Note: Horizontal and vertical adjustments are available for mounting position.

4. Use a carpenter's level to draw a level, horizontal line on the wall to serve as the location for the top mounting brackets.
5. Use one of the mounting brackets to mark drill holes for the two top screw holes along the line drawn in the previous step.

6. Mark the location of the second bracket along the same horizontal line. The two top brackets should be spaced a distance of about one-half the width of the frame assembly. This horizontal distance is not as critical as the vertical distances. Verify that the marked holes are level.
7. Use a carpenter's level to mark a lower horizontal line for the location of the lower mounting brackets. Note that this line should be spaced at a distance equal to the distance measured in step 1 above, minus 32mm.
8. Verify that the marked holes are level and at the exact distance apart as calculated in the previous step. Once verified, drill pilot holes into the wall. If you will mount the brackets to wall studs, drill 4mm pilot holes. If you will be mounting to a concrete wall, drill 5mm holes for the anchors.
9. Use the $\varnothing 5 \times 18$ screws and anchors (if applicable) to secure the brackets to the wall.
10. Use a #2 Phillips screwdriver to "unlock" the two lower brackets, while keeping the upper brackets "locked".
11. Using two people, lift the frame and hang the upper edge on the two upper brackets. Ensure that the bottom of the frame is in the locking edge of the lower brackets, then use a #2 Phillips screwdriver to "lock" the two lower brackets to secure the assembled projection screen in place.



TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com during regular business hours, 7 days a week. You can also get assistance through email by sending a message to tech@monoprice.com

SPECIFICATIONS

| | |
|---------------------|--|
| Model | 7955 |
| Screen Size | 106" |
| Aspect Ratio | 16:9 |
| Screen Material | Fabric |
| Screen Color | HD white |
| Screen Gain | 1.0 |
| Viewing Angles | 160° |
| Viewing Area | 92.4" x 52.0" (2347 x 1320 mm) |
| Total Screen Height | 52.9" (1344mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 93.3" x 52.9" x 2.0" (2371 x 1344 x 52 mm) |
| Weight | 31.5 lbs. (14.3 kg) |

| | |
|---------------------|---|
| Model | 7956 |
| Screen Size | 120" |
| Aspect Ratio | 16:9 |
| Screen Material | Fabric |
| Screen Color | HD white |
| Screen Gain | 1.0 |
| Viewing Angles | 160° |
| Viewing Area | 104.6" x 58.8" (2657 x 1494 mm) |
| Total Screen Height | 59.8" (1518mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 131.7" x 59.8" x 2.0" (3345 x 1518 x 52 mm) |
| Weight | 35.9 lbs. (16.3 kg) |

| | |
|---------------------|---|
| Model | 7958 |
| Screen Size | 150" |
| Aspect Ratio | 16:9 |
| Screen Material | Fabric |
| Screen Color | HD white |
| Screen Gain | 1.0 |
| Viewing Angles | 160° |
| Viewing Area | 130.7" x 73.5" (3321 x 1868 mm) |
| Total Screen Height | 74.5" (1892mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 131.7" x 74.5" x 2.0" (3345 x 1892 x 52 mm) |
| Weight | 39.3 lbs. (17.8 kg) |

| | |
|---------------------|--|
| Model | 30454 |
| Screen Size | 106" |
| Aspect Ratio | 16:9 |
| Screen Material | ISF Ultra HD |
| Screen Color | White |
| Screen Gain | 1.3 |
| Viewing Angles | 160° |
| Viewing Area | 92.4" x 52.0" (2347 x 1320 mm) |
| Total Screen Height | 52.9" (1344mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 93.3" x 52.9" x 2.0" (2371 x 1344 x 52 mm) |
| Weight | 31.5 lbs. (14.3 kg) |

| | |
|---------------------|---|
| Model | 30455 |
| Screen Size | 120" |
| Aspect Ratio | 16:9 |
| Screen Material | ISF Ultra HD |
| Screen Color | White |
| Screen Gain | 1.3 |
| Viewing Angles | 160° |
| Viewing Area | 104.6" x 58.8" (2657 x 1494 mm) |
| Total Screen Height | 59.8" (1518mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 105.6" x 59.8" x 2.0" (2681 x 1518 x 52 mm) |
| Weight | 35.9 lbs. (16.3 kg) |

| | |
|---------------------|---|
| Model | 30456 |
| Screen Size | 150" |
| Aspect Ratio | 16:9 |
| Screen Material | ISF Ultra HD |
| Screen Color | White |
| Screen Gain | 1.3 |
| Viewing Angles | 160° |
| Viewing Area | 130.7" x 73.5" (3321 x 1868 mm) |
| Total Screen Height | 74.5" (1892mm) |
| Left/Right Borders | 0.5" (12mm) |
| Top Border | 0.5" (12mm) |
| Bottom Border | 0.5" (12mm) |
| Frame Material | Aluminum |
| Frame Dimensions | 131.7" x 74.5" x 2.0" (3345 x 1892 x 52 mm) |
| Weight | 39.3 lbs. (17.8 kg) |