

Sable Frame StarBright™ 14 Series

Ceiling Ambient Light Rejecting Fixed Frame Screen

For standard (long) throw projectors

User's Guide – Version 2.0

Attention:








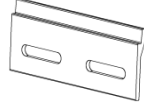




The StarBright™ 14 is composed of high quality sensitive multi-layer projection material. Please follow the precautions below for proper care procedures and to prolong the life of your screen.

Note: Upon unrolling the StarBright™ 14 material, it may exhibit faint vertical memory lines from being rolled up. These lines will fade out and disappear once the material is properly installed onto the framework.

Failure to use [these safeguards] will result in voiding your warranty.

1. Avoid using any organic cleaning agents or harsh abrasives, which will result in permanently damaging the screen material.
2. Use only a soft-feathered brush or microfiber cloth to spot clean and remove dust.
3. Please wear a pair of clean, powder-free glove in the process of installing and operating the screen to keep hand oil and dirt from being transferred to the viewing surface.
4. Be very careful when unrolling and handling the material. Lay the material flat only to avoid permanently creasing the material.
5. Do not rub the cloth with force when cleaning to avoid permanently damaging the surface.
6. Do not touch the screen surface with sharp objects or allow the screen surface to come in contact with anything other than the frame.
7. StarBright™ 14 material damaged in handling, installation, or use is not covered under warranty.

Hardware and Parts List

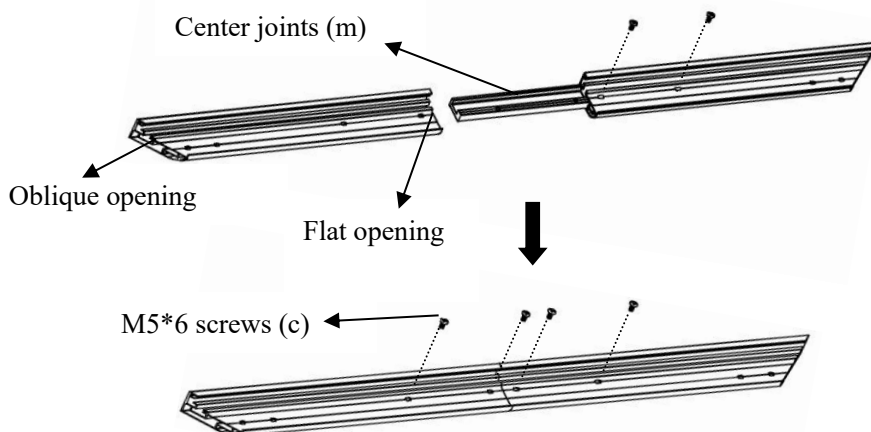
a: Frame parts x 6 pcs (Springs pre-installed)	b: Elbow Joints x 8 pcs	c: M5*6 screws x 40 pcs	d: Springs hook x 2 pcs
			
j: Gloves x 2 pcs	f: M5*50 wood screws x 8 pcs	g: Wall anchor x 8 pcs	h: Wall brackets x 4 pcs
			
i: Center support bar x 1 pc	k: Protection sheet x 1 pc	L: Screen Material x 1 pc	M: Center Joints x 2 pcs
			

※ **Gloves (j)** and **Protection sheet (k)** may not be included in some specific models.

Note: Please make sure all parts are included in your package before proceeding to assemble the fixed frame screen.

Frame Assembly

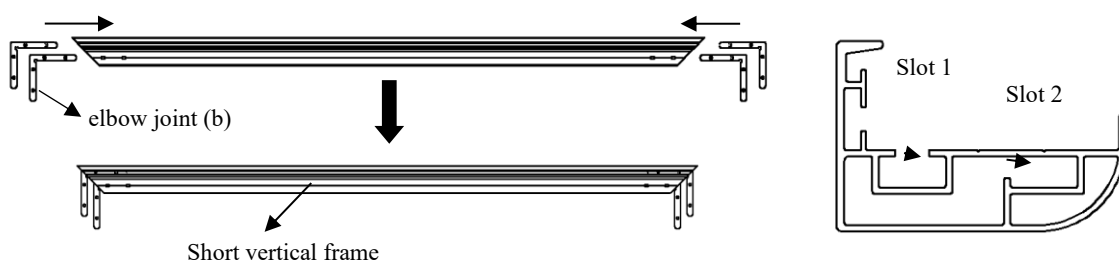
1. If *gloves (j)* were included in the package, please put them on before installation begins.
2. Insert the **center joint (m)** connector into to one of the 1/2 horizontal frames and fasten it with two **M5*6 screws (c)**. Repeat steps for assembling the second horizontal frame.



Note: a. Two 1/2 horizontal long frames should be assembled for a screen.

b. Do not tighten the screws completely until all frame pieces have been assembled correctly.

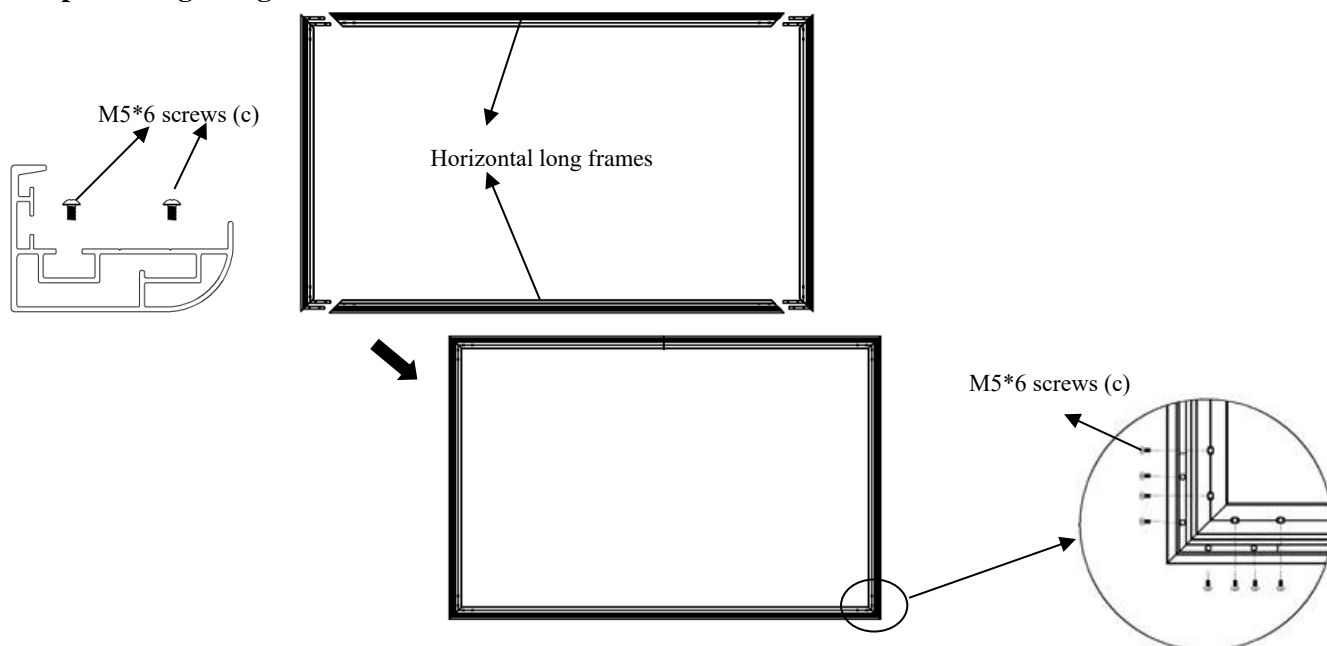
3. Insert both **elbow joint (b)** connectors into the short vertical frame into slot 1 and slot 2.



4. Then insert the horizontal long frames into the exposed **elbow joint (b)** connectors and fasten them with **M5*6 screws (c)**.

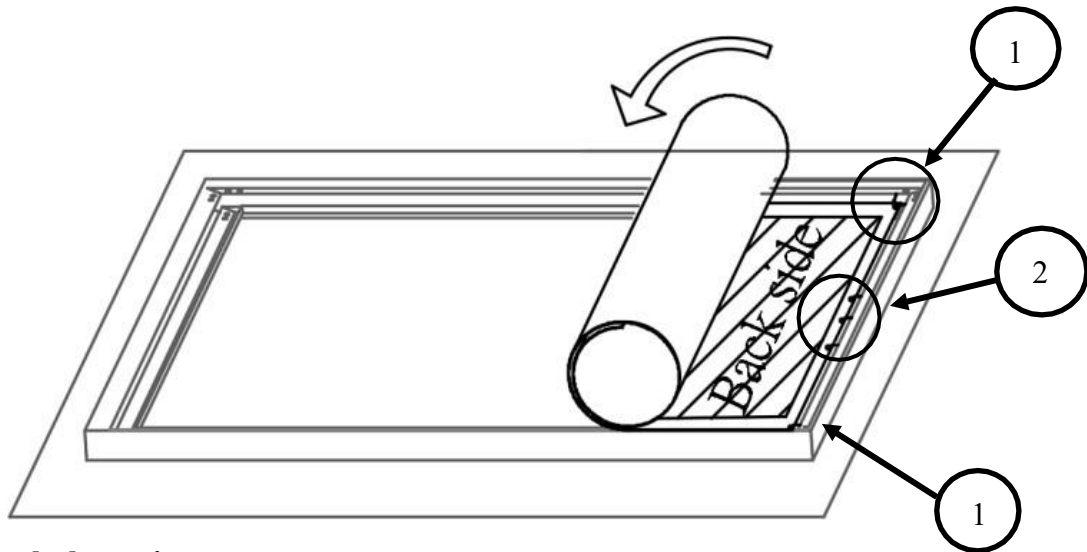
Note: When assembled, please push simultaneously the two ends of the long frames.

Insert the exposed ends of the joint connectors into the frame and align the four corners so that they meet at perfect right angles.



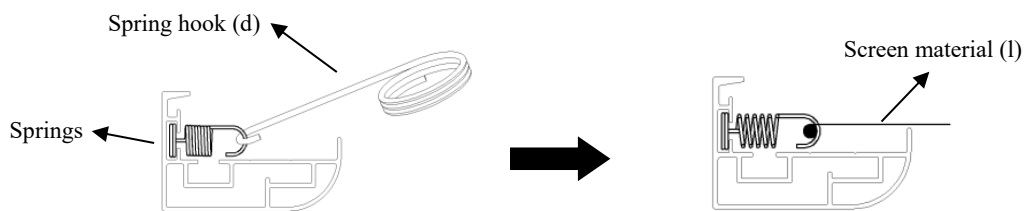
Attaching the screen material to the frame

1. Carefully unroll a small area of the material over the frame as shown below and secure the top and bottom corners by hooking them with two springs on the corner of the material (1), Then hook and secure the springs in the middle (2). **Note: Backside will be labeled**

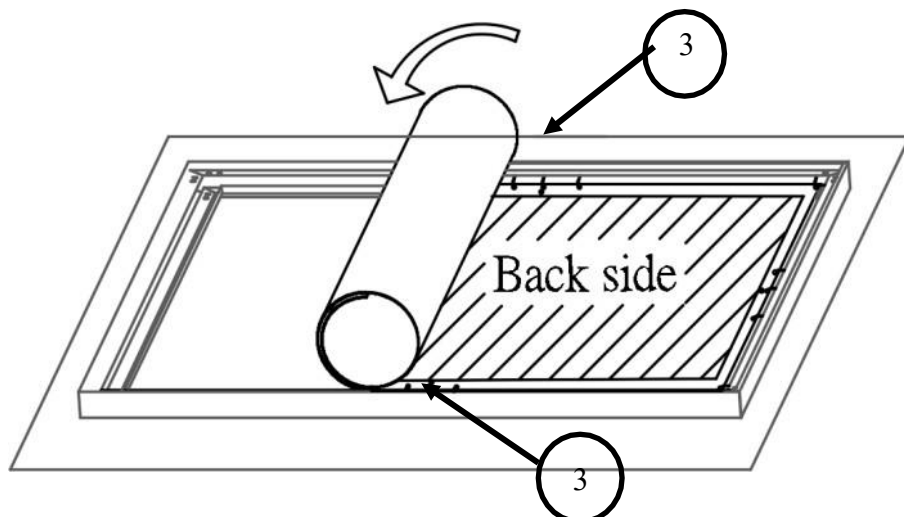


How to attach the springs

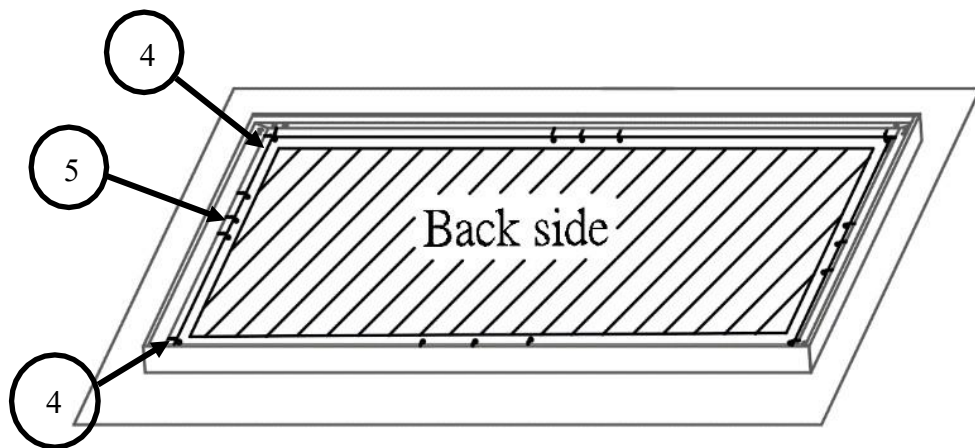
Use the **spring hook** to attach the spring to the hole located on the screen material's outer edge in the following order.



2. Carefully unroll the material to the middle area then hook the springs on both the top and bottom (3).

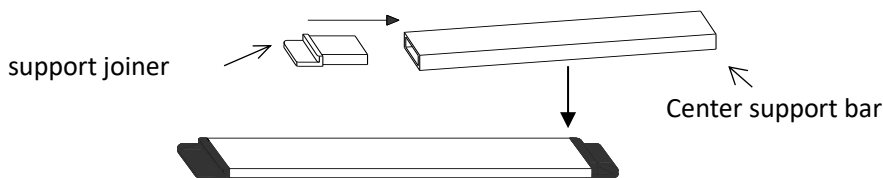


3. Continue unrolling the entire material to the other end, hook the springs in the corners (4) and hook the springs in the middle (5).

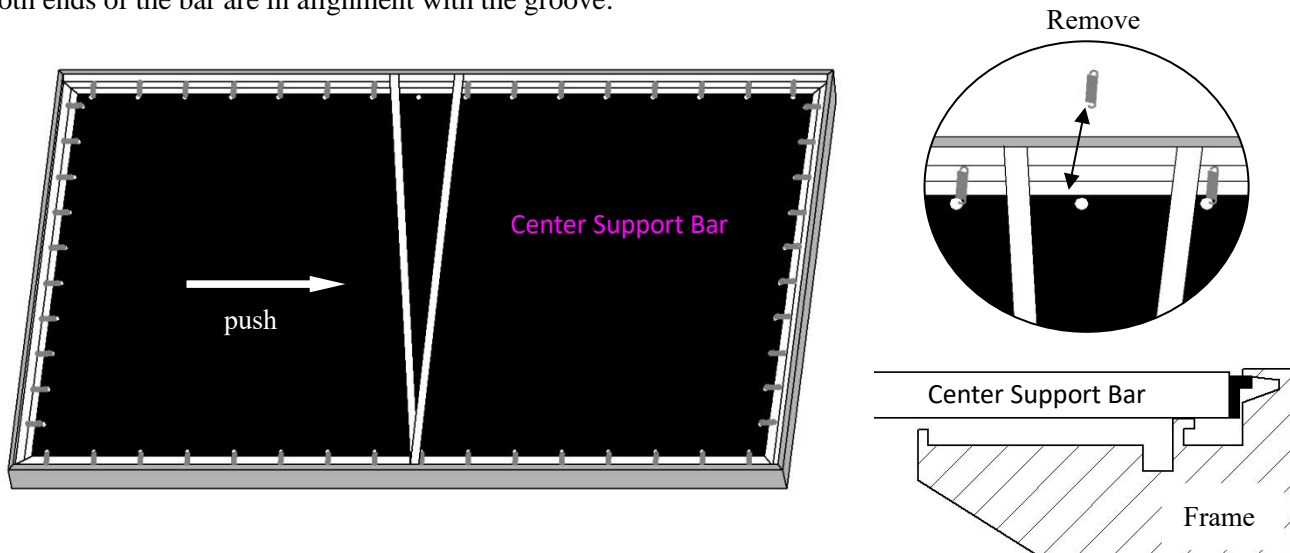


Center Support Bar

1. Insert the **support joiner** into each end of the center support bar to complete assembly.

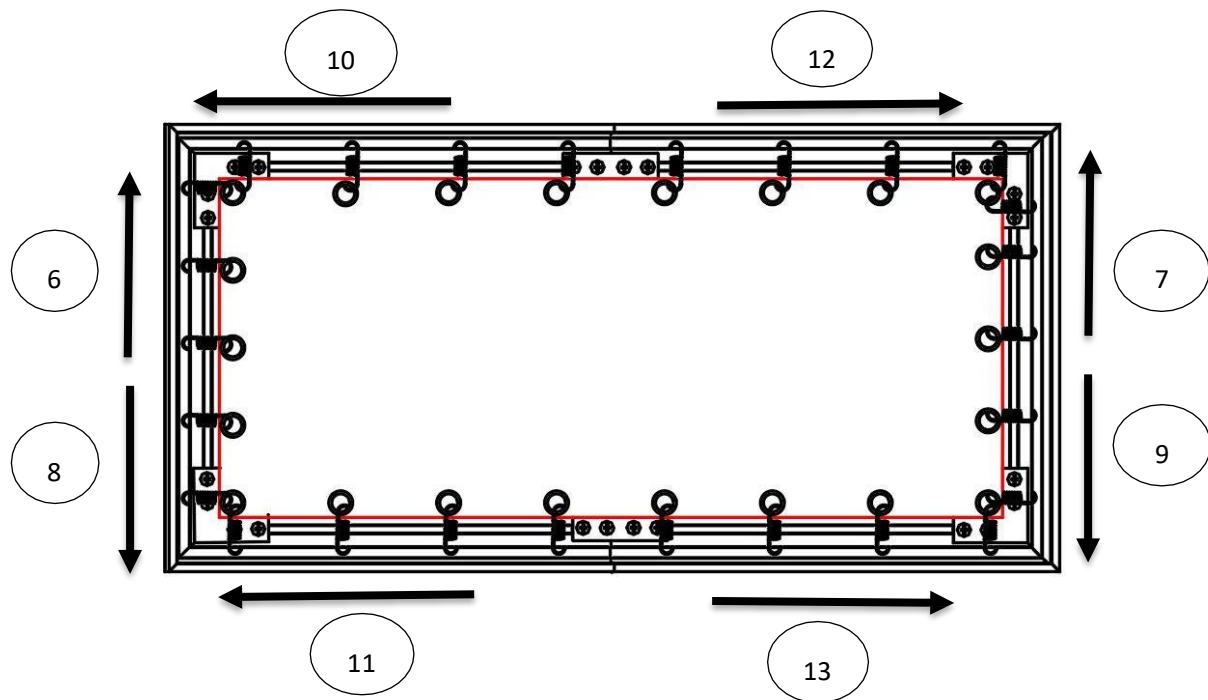


2. Insert the **Center Support Bar** into the upper top groove on the back of the frame (**not the groove where the Spring are**) with the bottom end near the approximate center point of the frame and rotate it in at an angle so that both ends of the bar are in alignment with the groove.



3. Slide the top end of the bar into the top center point of the frame to complete the center support bar installation. **This will provide added stability to your frame and added tension to the material.**

4. Once the center support bar is inserted, attach the remaining springs to the material in steps 6-13 in the following order.

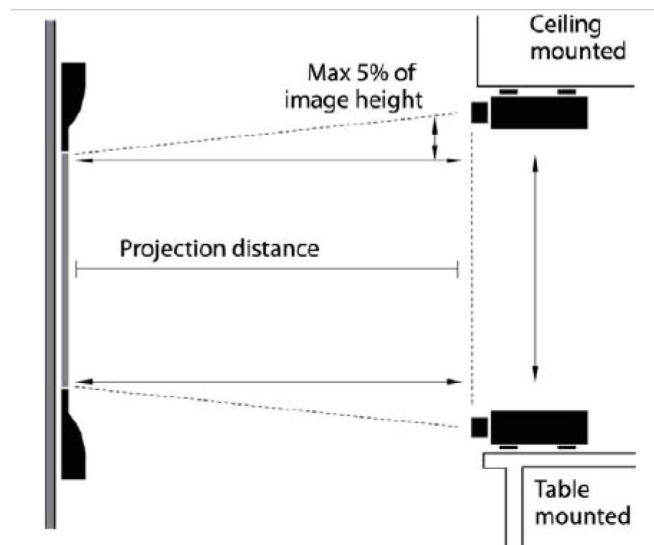


Notice to Installer:

Please use the following installation instructions to obtain superior optical performance from the Retro Reflective CLR/ALR (Ceiling Ambient Light Rejecting) StarBright™ 14 Screen.

Projector placement

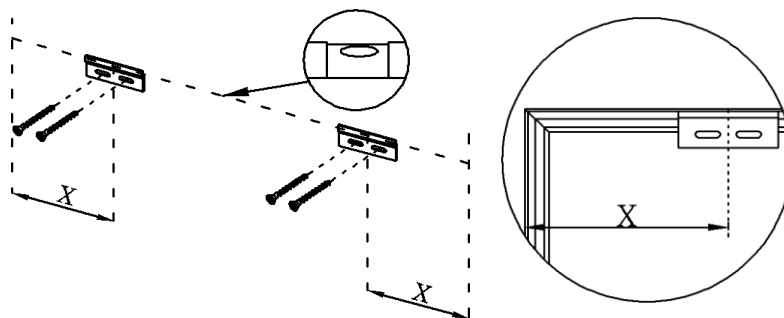
Note: Do not install the projector at an angle that is greater than 5° off the vertical axis from the screen. The ceiling ambient light filtration layer in the material is designed to absorb off-axis light rather than reflect it.



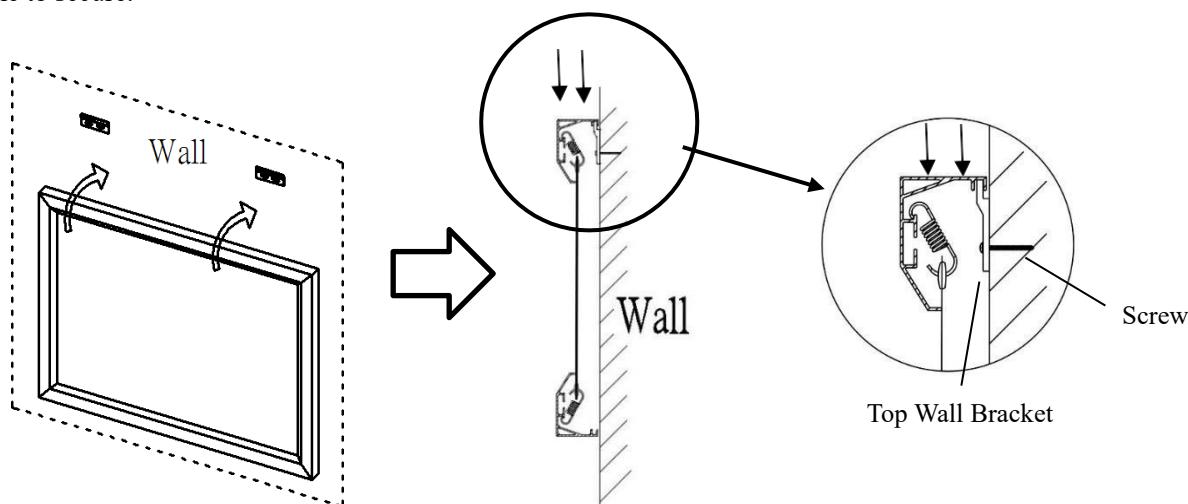
Images are not up to scale and are for illustrations purposes only.

Installation

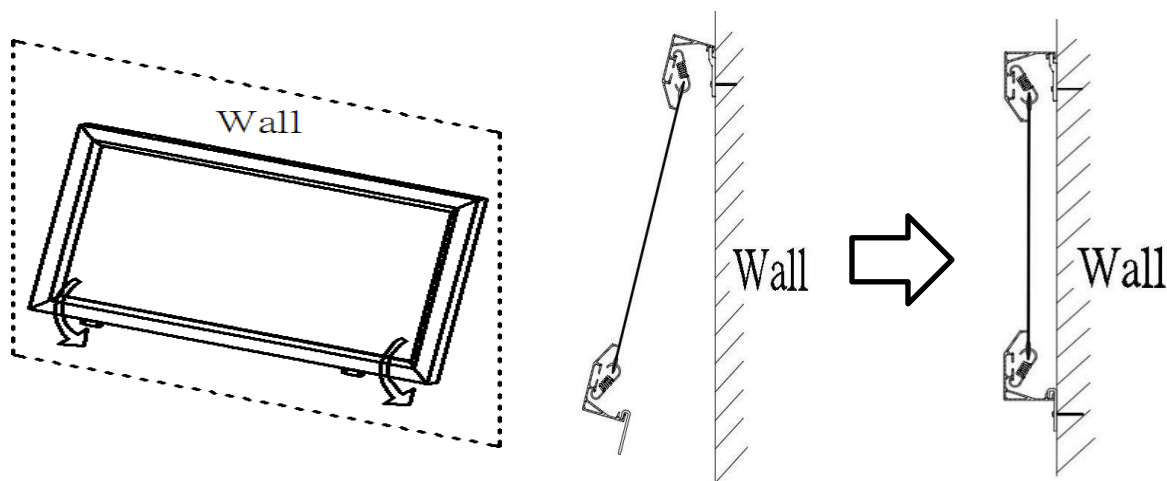
1. Measure the overall length and height of the frame and drill holes for the top bottom brackets. Line up the wall brackets with the drilled holes on the installation location and screw them in using a Phillips screwdriver. If not installing into a structural wood stud, use a hollow wall anchor then screw in the M5x50 wood screws with a screwdriver. **Make sure the brackets are leveled.**



2. Position the fixed frame screen onto the top wall brackets as shown below and push down at the center of the top of the frame to secure.



3. With the frame slightly tilted outward; connect the bottom brackets onto the bottom groove of the frame. Slowly return the screen to a normal upright position. Once the screen is flush to the wall, secure the brackets to the wall with a screw. If not installing into a structural wood stud, mark the sites where the hollow wall anchors will be placed using the same instructions above. With the wood anchor installed, repeat the process and fasten the brackets with the M5x50 wood screws.



CAUTION

Please follow these instructions carefully to ensure proper maintenance and safety of your fixed frame projection screen

1. When hanging the screen up, please make sure that no other objects such as power switches, outlets, furniture, ladders, windows, etc. occupy the space designated for your Fixed-Frame screen.
2. Regardless if the screen is hung on or installed into the wall, make sure that the proper mounting anchors are used and that the weight is supported appropriately by a strong and structurally sound surface just as any large and heavy picture frame should.
(Please consult a home improvement specialist for the best advice on installation)
3. Frame parts are made of high-quality velour-surfaced aluminum and should be handled with care.
4. When not in use, cover over the screen with a furniture sheet to protect it from dirt, grime, paint or any other impurities.
5. When cleaning, use a damp soft cloth with warm water to remove any marks on the frame or screen surface.
6. Never attempt to use any solutions, chemicals or abrasive cleaners on the screen surface.
7. In order to avoid damaging the screen, avoid touching it directly with your fingers, tools or any other sharp or abrasive objects.
8. Spare Parts should be placed out of reach of small children in accordance with household safety guidelines.

For a local Elite Screens contact or Technical Support, please visit

www.elitescreens.com