# Sable Frame StarBright™ 14 Series

*Ambient Ceiling Light Rejecting Fixed Frame Projection Screen*

User's Guide – H Type | Tension Rods Version
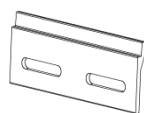
Thank you for choosing an Elite Screens fixed frame projection screen! Please read through this user guide before utilizing the screen. Correct usage and maintenance will ensure a long product life.

**Care & Use Instructions**

Dust, dirt and scratches on the projection surface will affect the picture quality, please take note of the points below to prevent that from occurring:

1. Do not touch the projection surface with your hands
2. Do not write or draw on the projection surface
3. Do not use fingers or sharp objects to point on the projection surface; this will damage the screen material.
4. Please wear a pair of clean, powder-free gloves in the process of installing and operating the screen to keep hand oil and dirt from being transferred to the viewing surface.
5. Use a soft-damp cloth to clean the projection surface; do not use chemical cleaning agents or alcohol.
6. Use clean water when dampening the cleaning cloth and do not rub against the material to clean it.
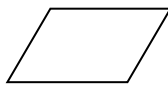7. StarBright™ 14 material damaged in handling, installation, or use is not covered under warranty.

| 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 |
|  |  |  |  |
| e: Tension Rods x 6 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 | j: Gloves x 2 pcs | k: Protection sheet x 1 pc | l: Screen Material x 1pc |
|  |  |  |  |
| m: Center joints x 2 pcs | | | |
|  | ※ **Gloves (j)** and **Protection sheet (k)** may not be included in some specific models. <br><br>**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.

Center joints (m)

Oblique opening

Flat opening

M5\*6 screws (c)
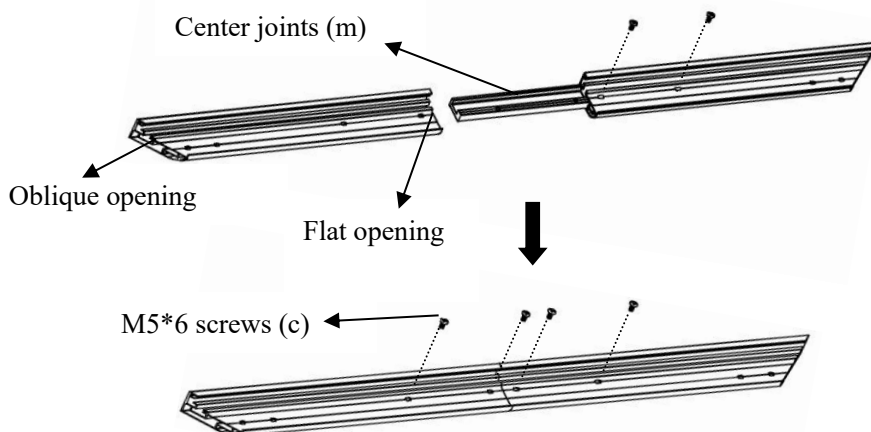
**Note: a. Two ½ horizontal long frames should be assembled for a screen.**

**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.

elbow joint (b)

Slot 1

Slot 2

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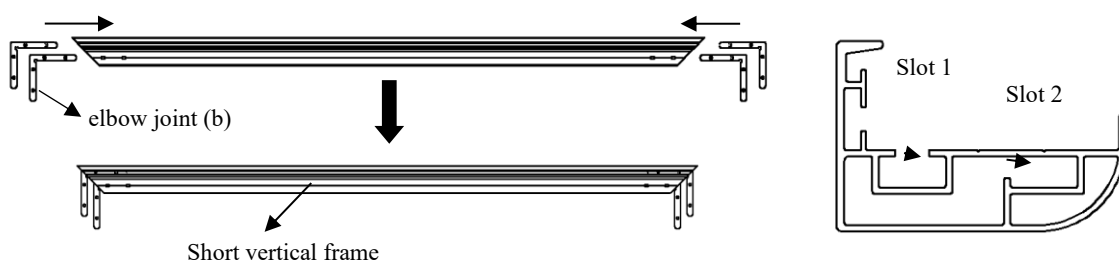
4. Then insert the horizontal long frames into the exposed *elbow joint (b)* connectors and fasten them with **M5\*6 screws (c).**

**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.**

M5\*6 screws (c)

Horizontal long frames

M5\*6 screws (c)
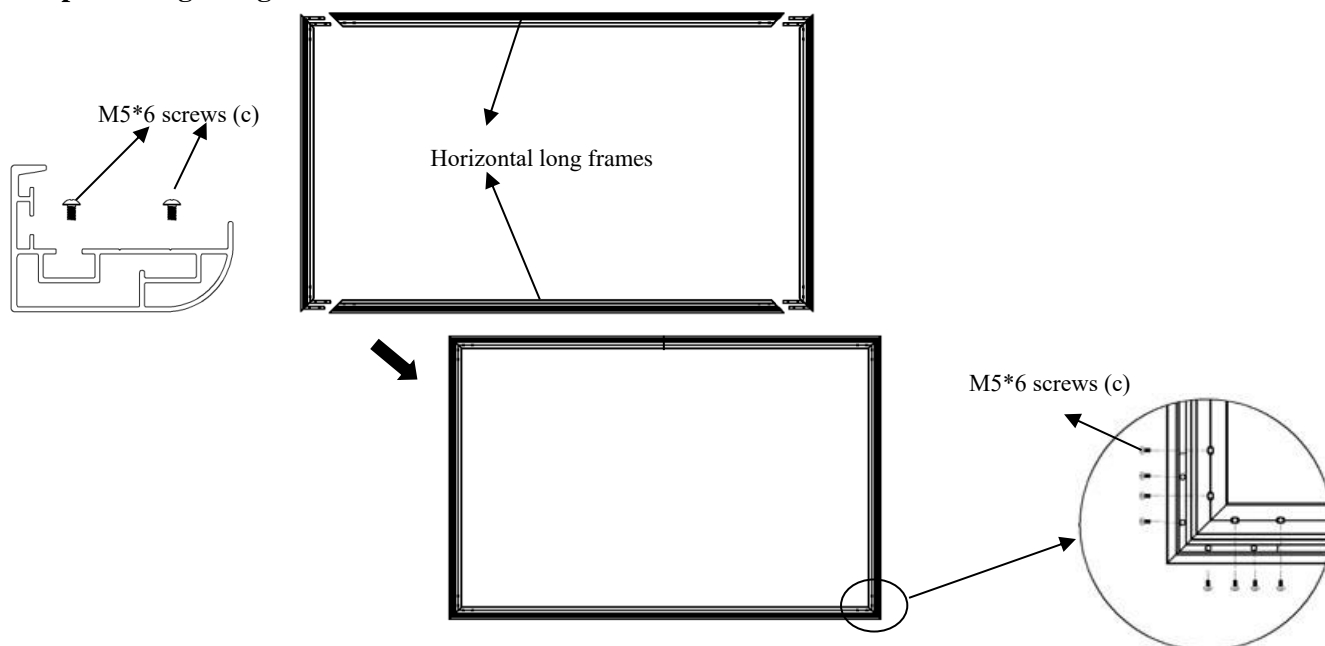
# Attaching the screen material to the frame

1. Unroll the screen material facing down on a clean area or on the **protection sheet (k)** if included.
2. Insert the *tension rods (e)* separately into the edges of all four corners of the material.

Tension Rod (Vertical) x 2

Tension Rod (Horizontal) x 4

**Tension rods (e)** ➡

3. Distribute and place the pre-installed springs in the frame on each hole of the material.
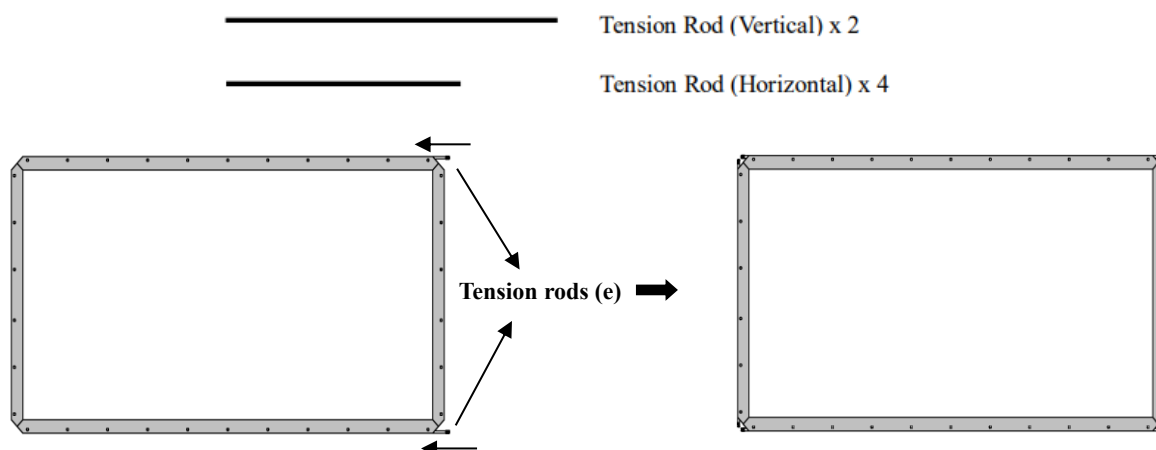4. Use the *spring hook (d)* to attach the screen material. Begin by securing the four corners with the springs to the frame in A-B-C-D order as illustrated below.

**Note: Hold the tension rod in the screen material with left hand, hook the spring with right hand, and finally use the spring hook onto the tension rod in the screen material hole, as shown as below.**

A C

Spring hook (d)

Springs

Screen material (l)

D B

tension rod (e)
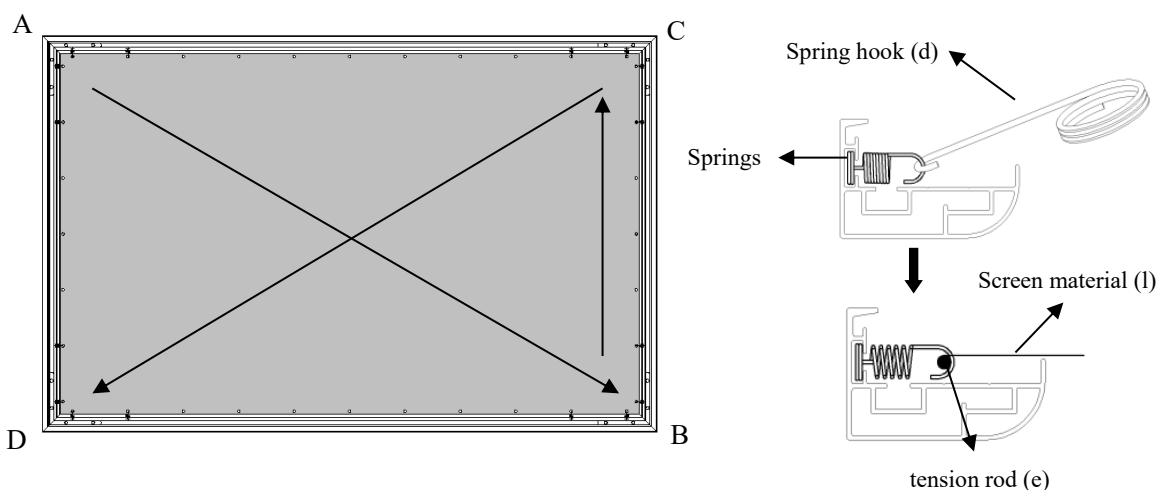
Next, attach the Center Support bar before securing the rest of the material with the springs.

# Center Support Bar

1. Insert the *Center Support Bar (i)* into the upper top groove on the back of the frame 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, as shown below.

Push

Center support bar (i)

Finished position

Start position

2. 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.**

Frame
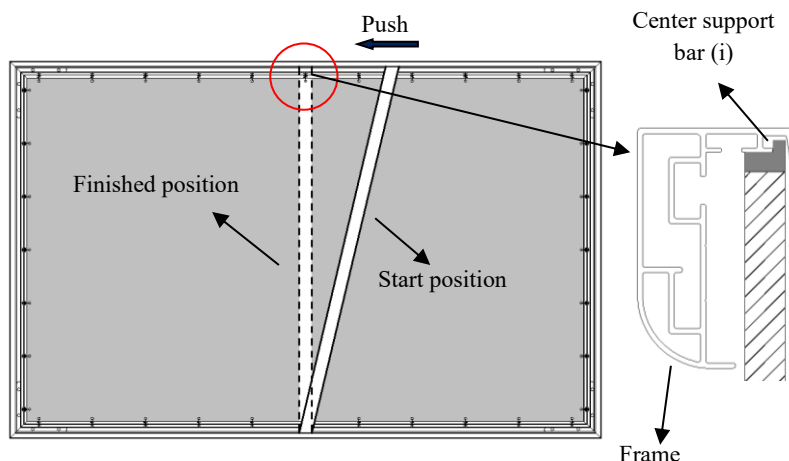
5. Lastly, attach a spring in each center point locations (1), then out of the center location (2), and finalize the installation with the remaining springs.
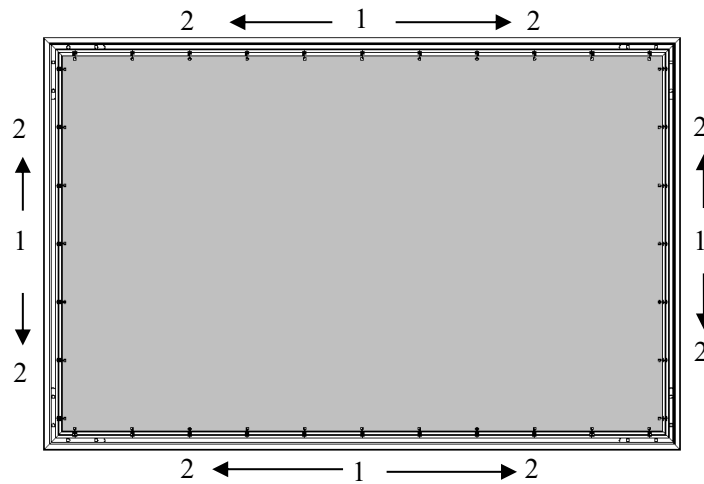


## Notice to Installer:

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

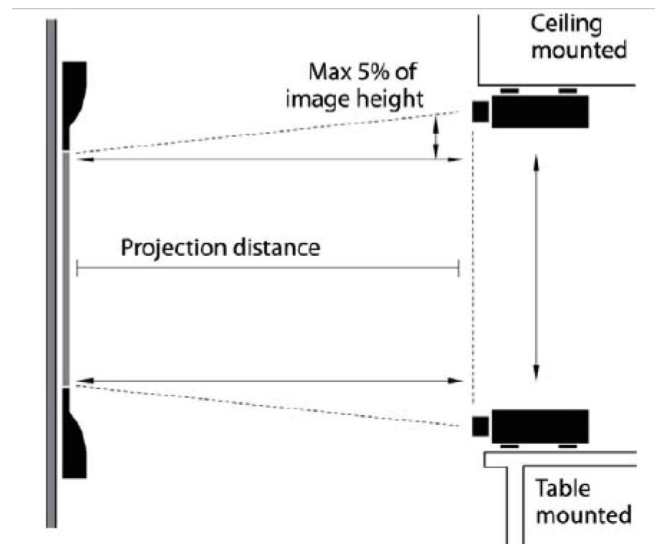**Projector placement**

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. Locate your desired installation location with a stud finder (recommended) and mark the drill-hole area of where the screen is to be installed. Reference the table below for

| Unit: mm (inch) | 92" | 100" | 110" | 120" | 135" | 150" |
|---|---|---|---|---|---|---|
| **L = Wall bracket distance** | 1500 (59.1") | 1500 (59.1") | 1800 (70.9") | 2000 (78.7") | 2000 (78.7") | 2500 (98.4") |
| **H = Top/Bottom Wall Bracket Height distance** | 1195 (47.0") | 1294 (50.9") | 1419 (55.9") | 1543 (60.7") | 1729 (68.1") | 1917 (75.5") |

2. Drill a hole with the proper bit size according to the **wall anchor (g)** and **M5*50 screws (f)** included.
3. Line up the **wall brackets (h)** with the drilled holes on the installation location and screw them in using a screwdriver.
4. Position the fixed frame screen onto the top wall brackets as shown as below info and pull down at the center of the bottom frame to secure the installation.

Bracket hole distance
= 1.57" (40mm)

Top wall bracket (h)

M5*50 screw (f)

Wall anchor (g)
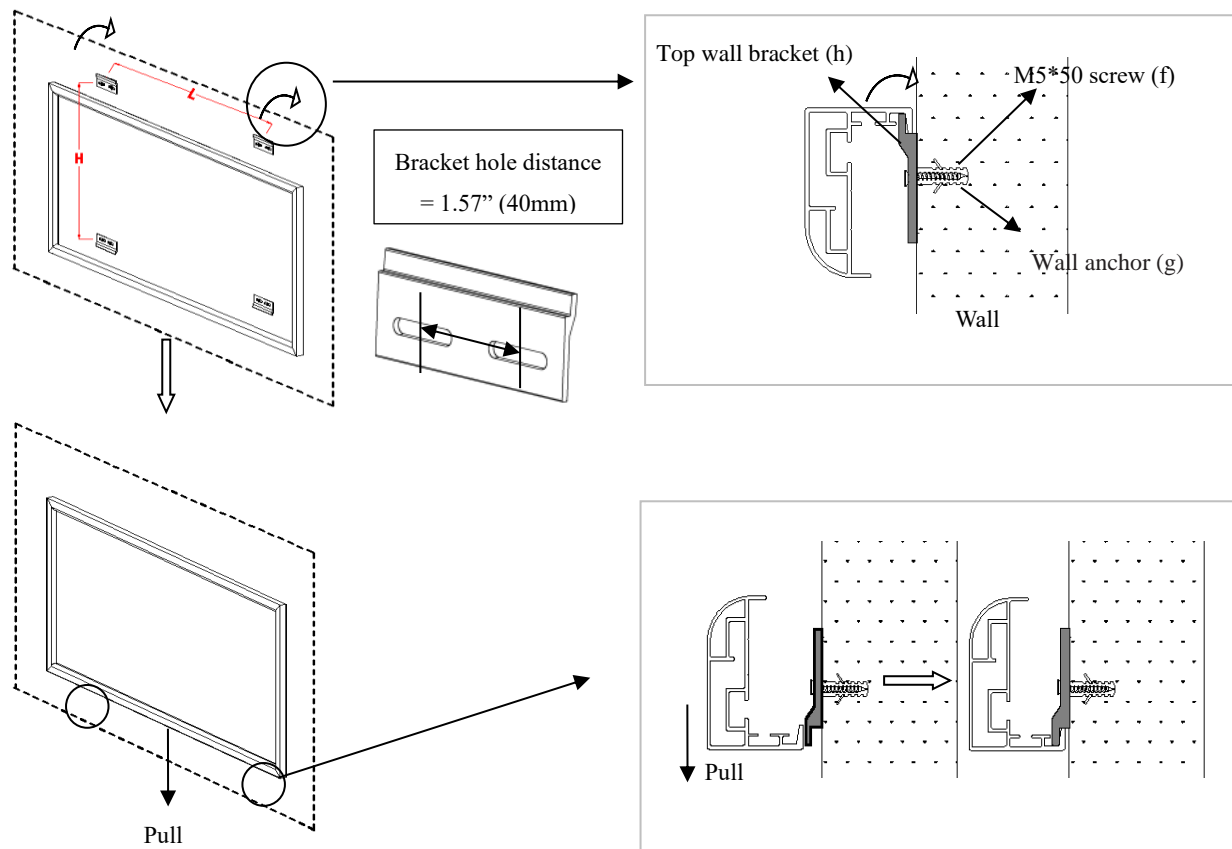
Wall

Pull

Pull

5. The design of the wall brackets allows the frame to slide over them through its sides. This is an important feature of the installation design as it allows your screen to be properly centered.

6. Using both hands finish the installation by pulling the lower portion of the fixed frame screen into the lower bracket as shown as below info.

## Caution

**Please follow these instructions carefully to ensure proper maintenance and safety of your Fixed Frame 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