



# ezFrame Plus Series

Large Venue Fixed Frame Projection Screen

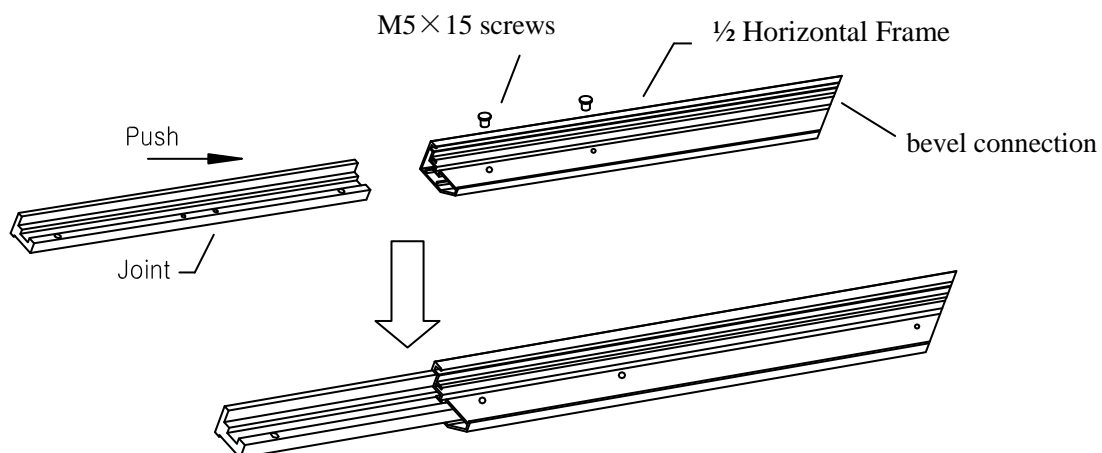
User's Guide

Hardware and Parts List	
1. Frame Parts x 6 pcs (4 top/bottom horizontal frame pcs + 2 side vertical frame pcs)	7. M5x50 wood screws x 8-20 pcs
2. Tension Rods x 6 pcs (4 top/bottom rods + 2 side rods)	8. Hollow wall anchor x 8-20 pcs
3. Screen Material x 1 pc	9. M5x15 screws x 16-20 pcs
4. Center joints x 2 pcs	10. Center Support Bar x 2-4 pcs (depending on model/size)
5. Elbow Joints x4pcs	11. Fix Plates x 80-150 pcs (depending on model/size)
6. Wall brackets x4-10 pcs (depending on model/size)	

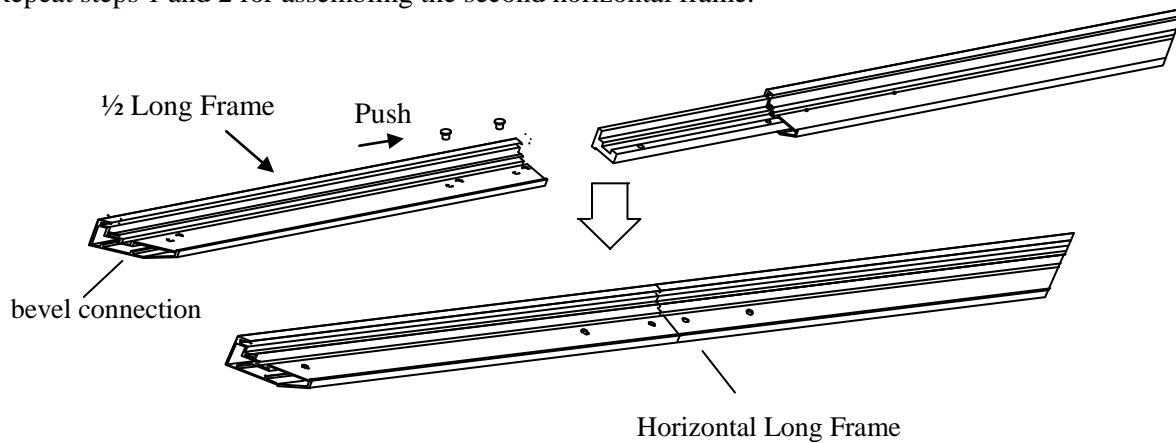
**Note: Please make sure all parts are included in your package before proceeding to assemble your Elite Screens fixed frame projection screen.**

## FRAME ASSEMBLY

1. Insert the **center joint** connector into to one of the 1/2 horizontal frames and fasten it with two **M5x15 screws**.



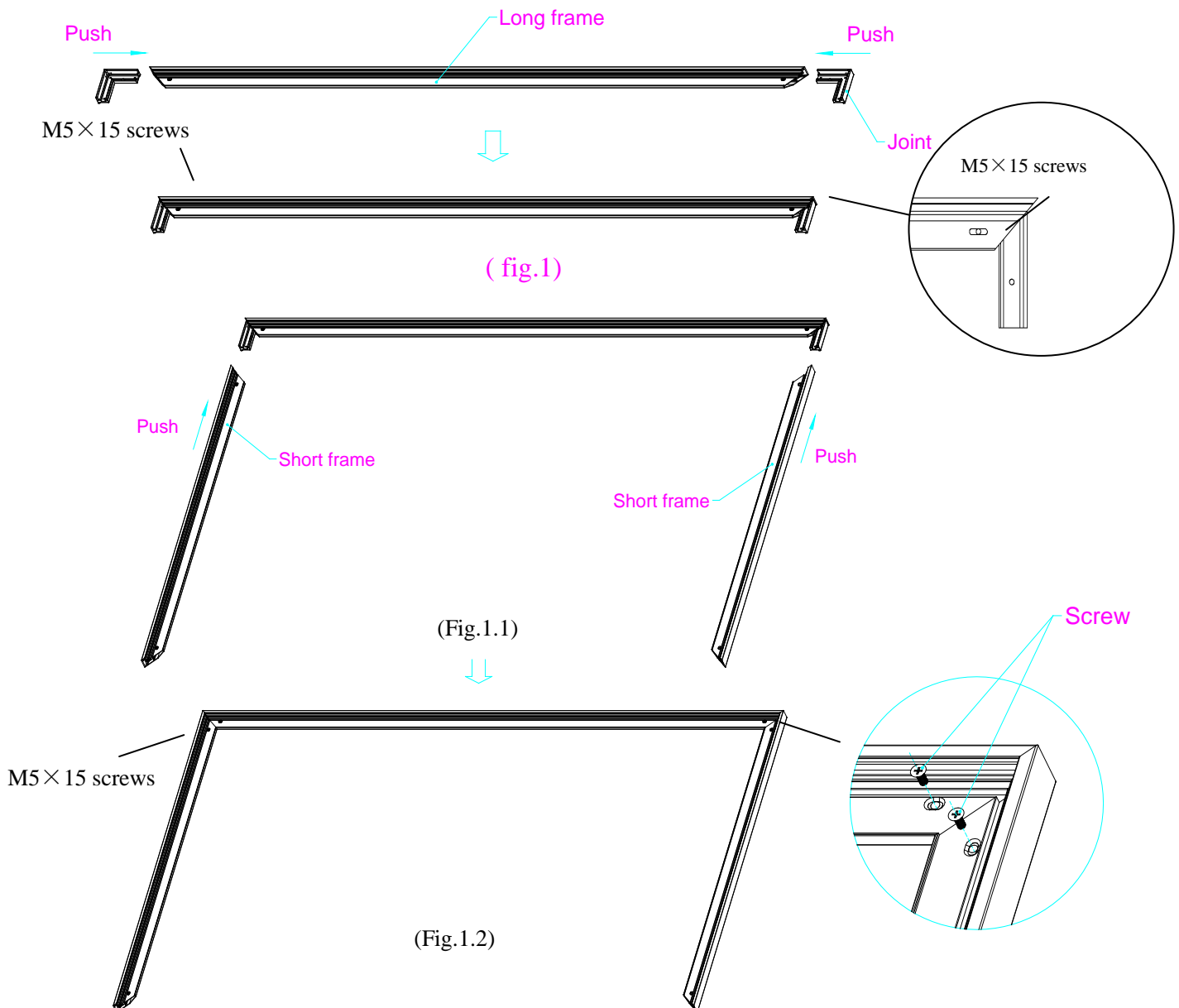
2. Insert the other 1/2 horizontal frame piece to the **center joint** connector and fasten it with two **M5x15 screws**. Repeat steps 1 and 2 for assembling the second horizontal frame.



**Note: a. 2 long frames should be assembled for a screen.**

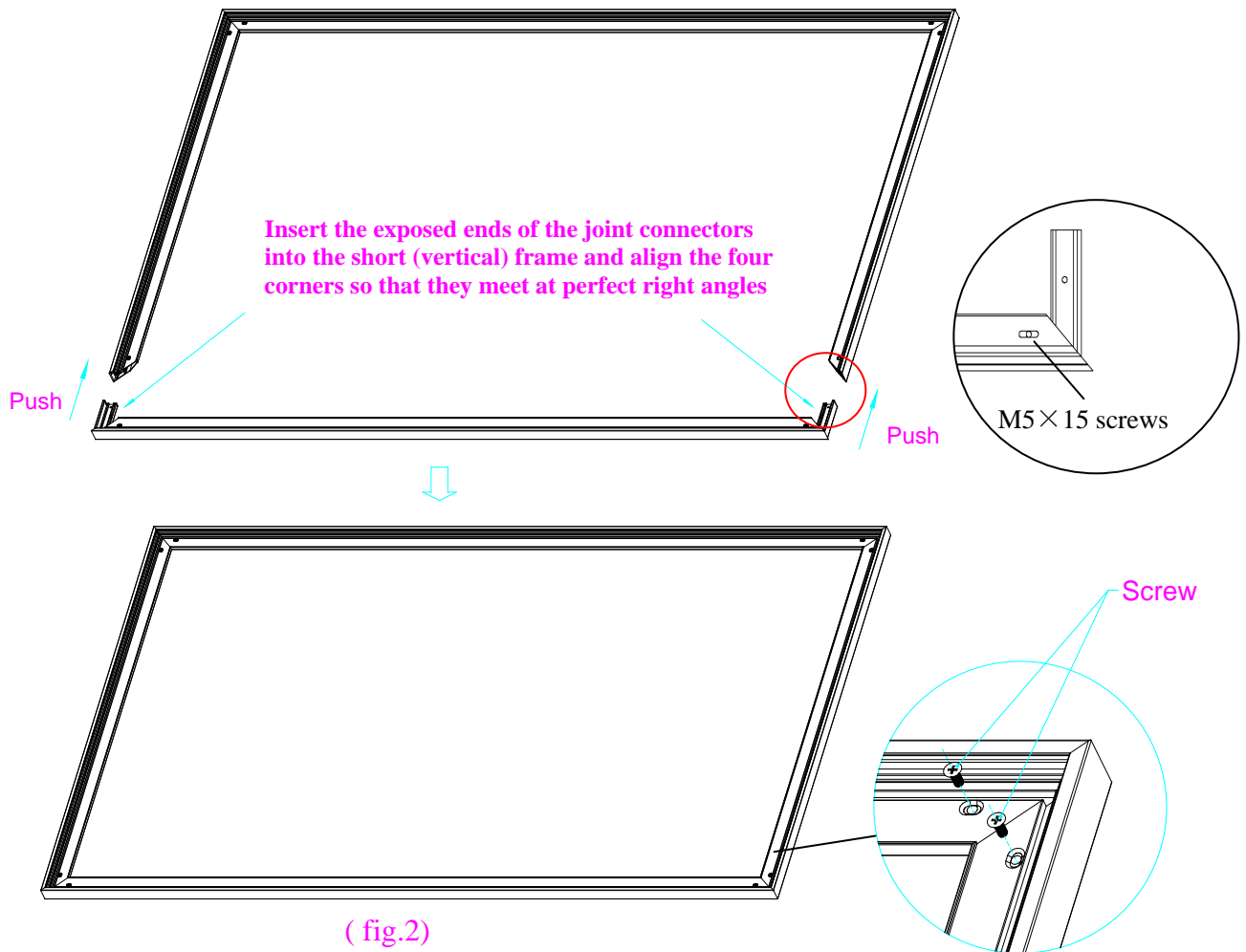
**b. Do not tighten the screws completely until all frame pieces have been assembled correctly.**

3. Insert both **elbow joint** connectors into the long horizontal frame and then fasten it with two **M5x15 screws** (see Fig.1). Then insert the vertical short frames and fasten them with screws (fig.1.2)



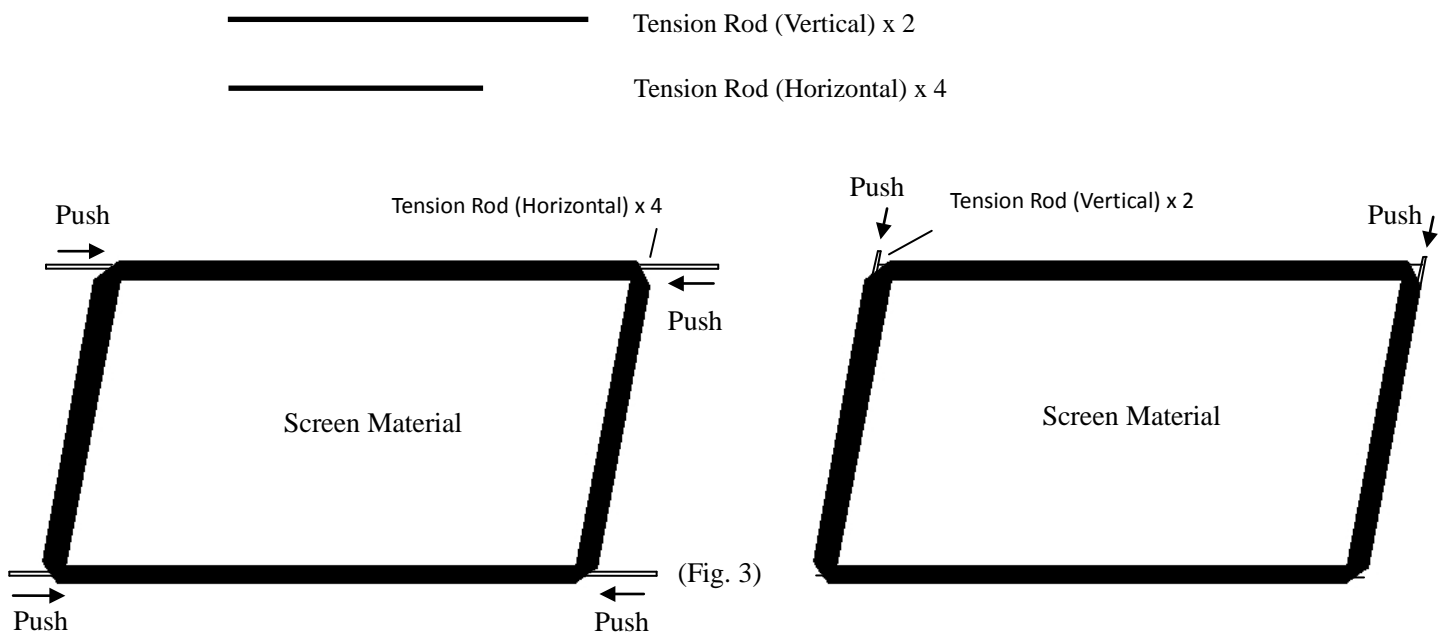
4. Join all four frame parts together following the steps shown below. (Fig.2)

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



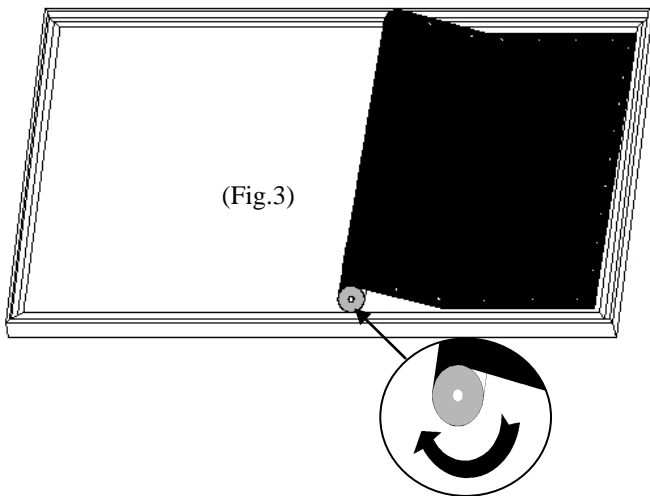
## Attaching the screen material to the frame

1. Unroll the screen material and lay it down on a clean surface. Then insert the tension rods separately into the edges of all four corners of the material (see fig.3)



2. Make sure the screen material and frame are both lying face down on a clean, dry, and non-abrasive surface.
3. Carefully unroll the material inside the frame. (Fig.3)

**Please note the material will be noticeably smaller than the frame, as the material must be stretched to create a sufficient amount of tension for perfect material flatness.**

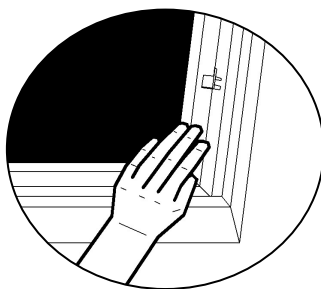


**Notes:**

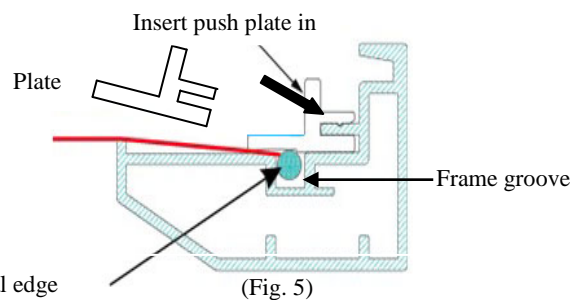
- Make note of the label to help distinguish the back and front side.
- Unroll the screen material face down
- Keep the screen material as close as possible to the frame and do not allow it to scratch against any part of the frame.

**4. Attach the fix plates.**

- (1) Stretch the material to the corner and insert the screen material's edge in the groove of the frame. While one hand holds the material in place the other hand snaps in the push plate (Fig.4-Fig.5).



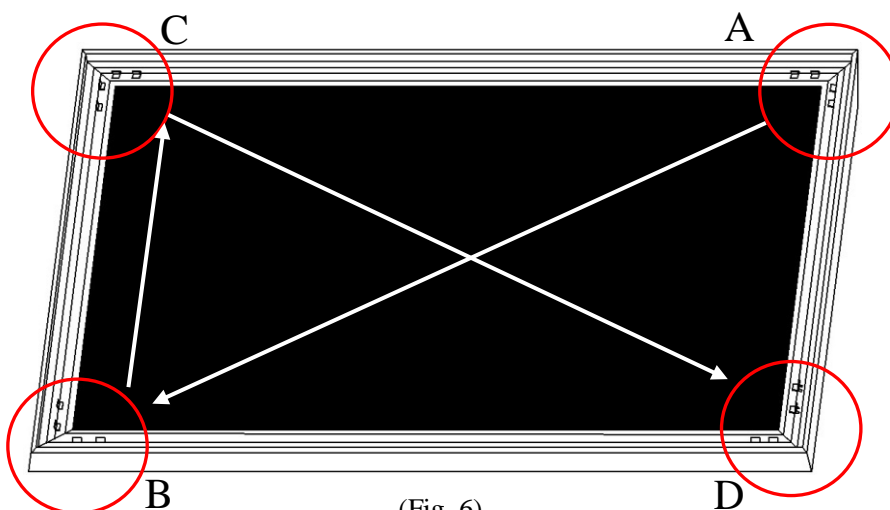
(Fig. 4)



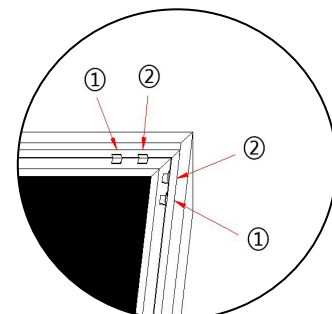
(Fig. 5)

Schematic cross section of the frame

- (2) Begin by securing the four corners in the following sequence A→B→C→D (Fig.6).
- (3) Insert the fix the plates as shown on Fig. 5. Fix plate ① is about 10cm away from the frame's corner. Fix plate ② is about 5cm away. (Fig.7)



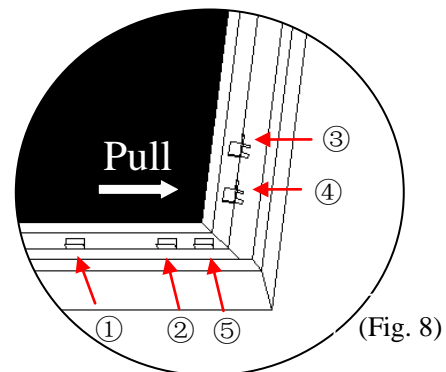
(Fig. 6)



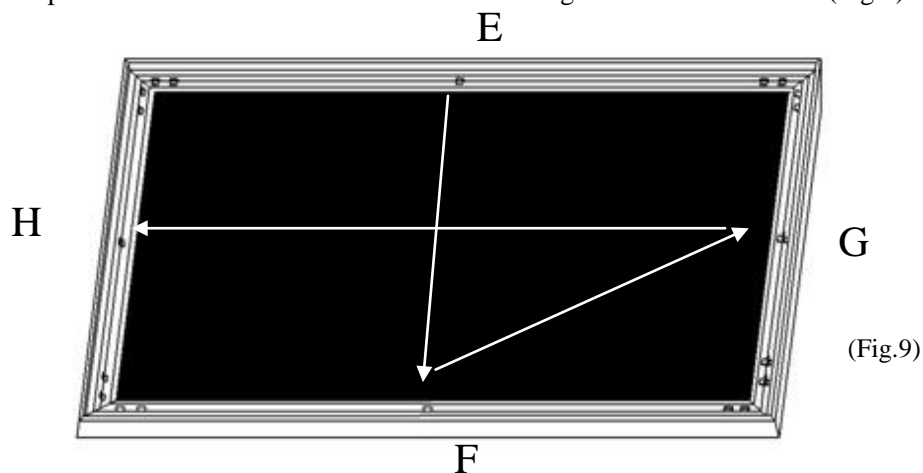
(Fig. 7)

**Tip for attaching the last corner (D):**

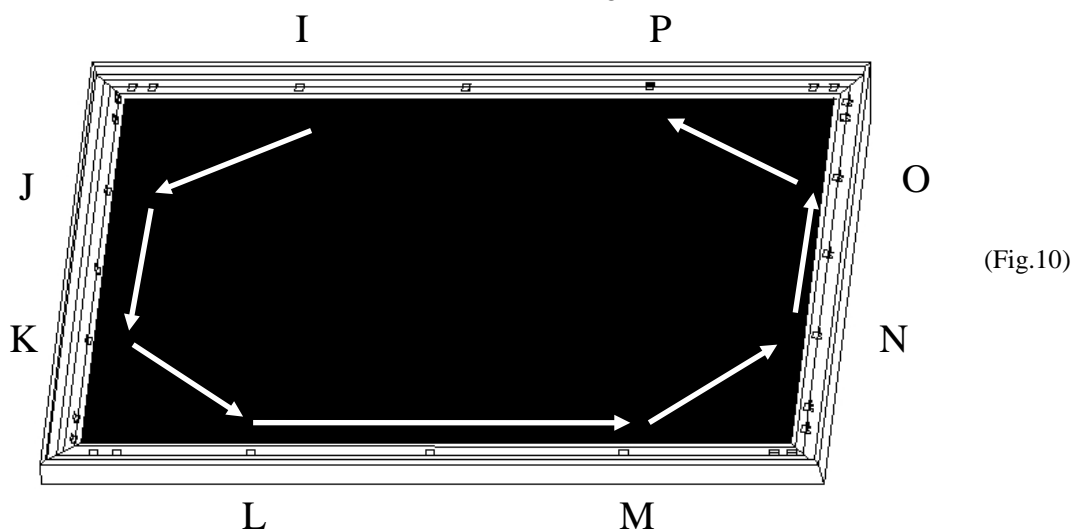
1. Position yourself left of location ①.
2. Pull the material to the corner of the frame with your hand while your left hand snaps in the fix plate on location ① (the third red dot).
3. Then insert and snap in the fix plate on location ②.
4. Next, move and position yourself on location ③, then pull the edge to the frame and fasten plates on locations ③ and ④.
5. Finally, fasten the last fix plate on location ⑤. (Fig.8)



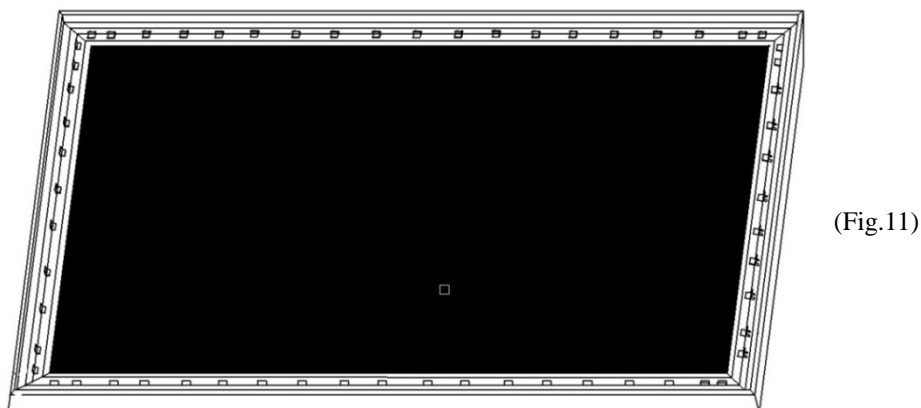
- (4) Place a fix plate in the center of each side in the following order E→F→G→H. (Fig.9)



- (5) Next, fasten a fix plate on the center of each frame side in the following order I→J→K→L→M→N→O→P as shown in Fig.10.

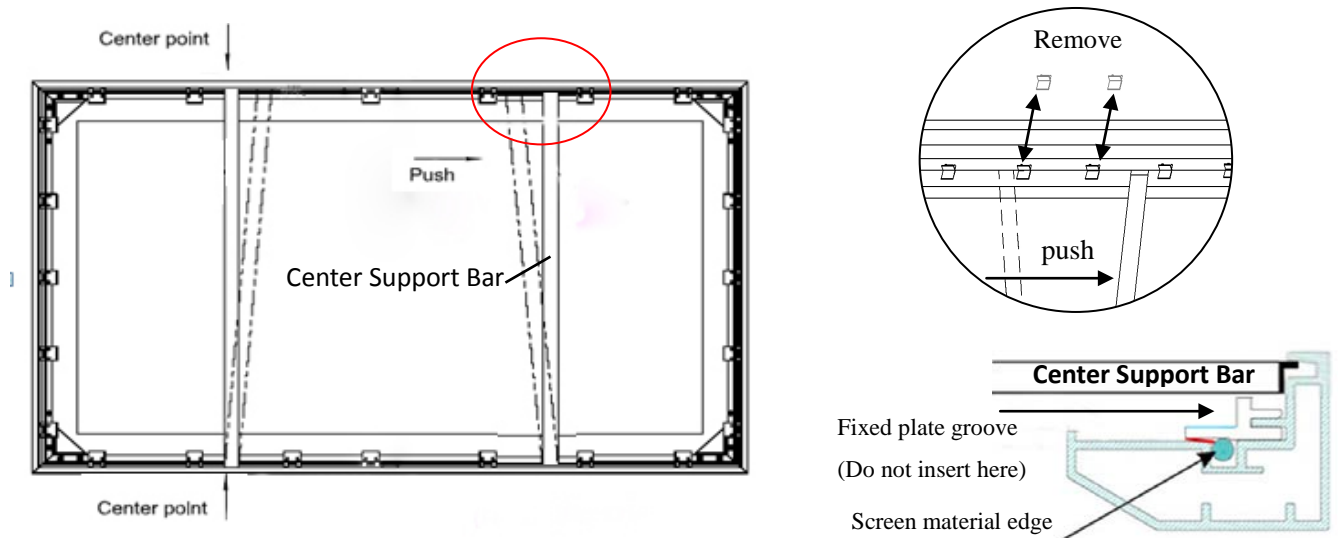


- (6) Fasten the remainder of the fix plates in the empty locations in the red markings to complete attaching the screen material. (Fig.11)



## Center Support Bar Installation

1. Insert the **Center Support Bar** into the upper top groove on the back of the frame (**not the one where the fix plate inserts**) 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 (**see Fig. 13 below for details**).

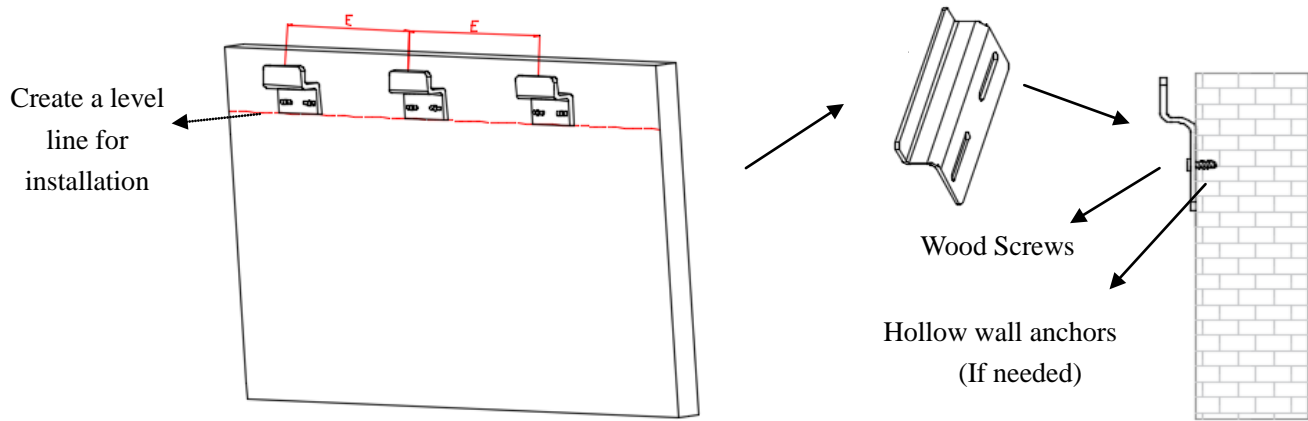


(Fig. 12)

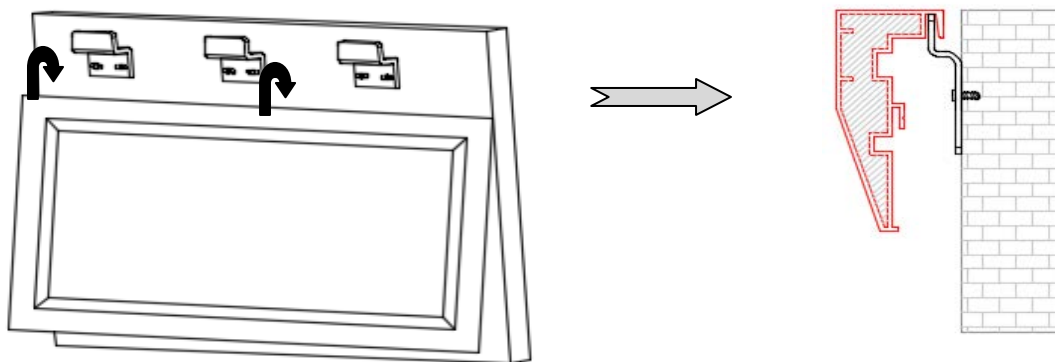
2. Slide the top end of the bar into the top center point of the frame to complete the center support bar installation. **This will provide added stability to your frame and added tension to the material.**

## 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. The distance **E** between holes is about 1.5m to 2m depending on your screen size.
2. Drill a hole with the proper bit size and insert the Hollow wall anchor included into the hole.
3. Line up the wall brackets with the drilled holes on the installation location and screw them in using a screwdriver (Fig.14).
4. Position the fixed frame screen onto the top wall brackets as shown in (Fig. 15) and push down at the center of the bottom frame to secure the installation.
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.



(Fig.13)



(Fig.14)

## CAUTION

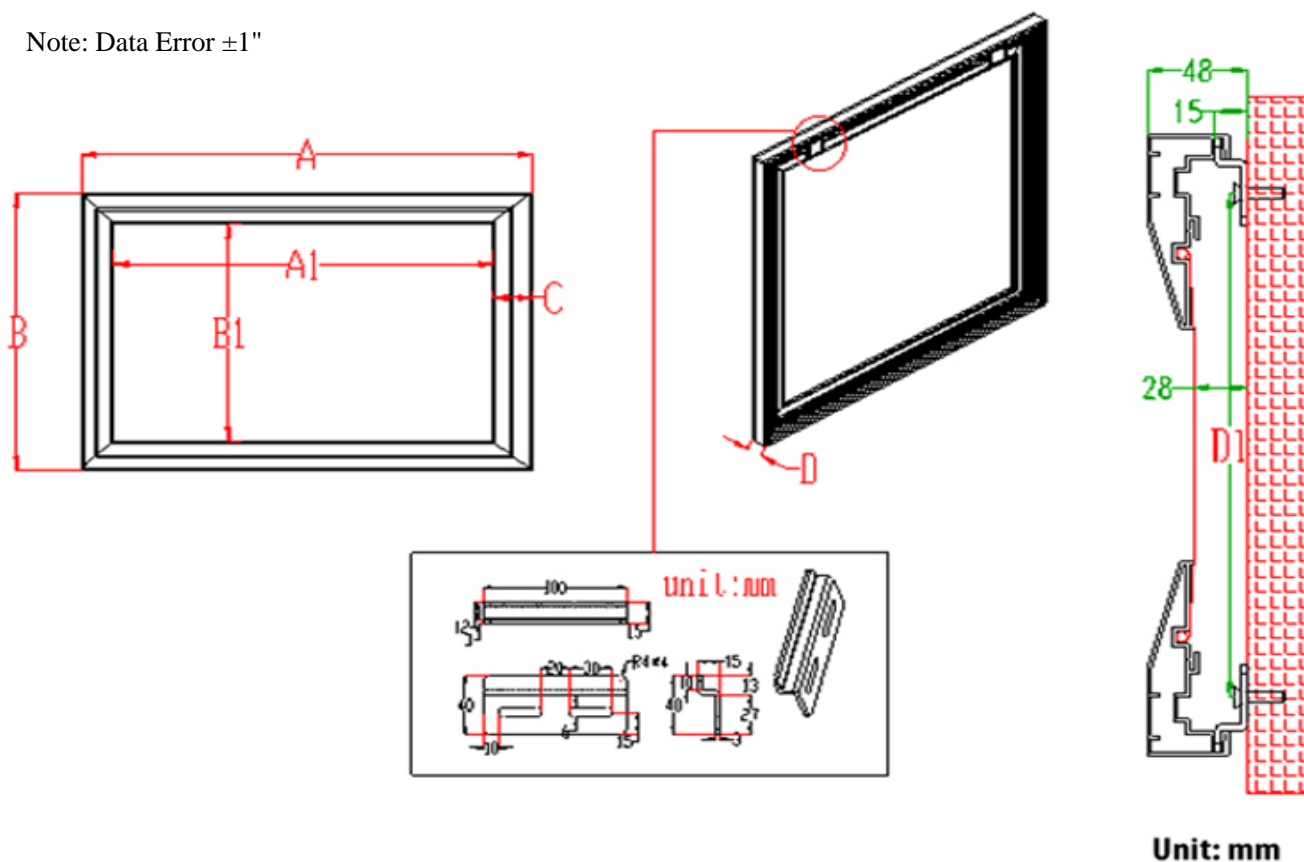
**Please follow these instructions carefully to ensure proper maintenance and safety of your Screen.**

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.

## Dimensions Table

Model Number	Diag. Size	Aspect Ratio	A	A1	B	B1	C	D	D1
Unit: Inches									
R273WV1 Plus	273"	4:3	225.5	218.4	170.9	163.8	3.5	1.6	168.7
R300WV1 Plus	300"	4:3	247.1	240.0	187.1	180.0	3.5	1.6	184.9
R320WV1 Plus	320"	4:3	263.1	256.0	199.1	192.0	3.5	1.6	196.9
R200WH1 Plus	200"	16:9	181.5	174.4	105.1	98.0	3.5	1.6	103.0
R250WH1 Plus	250"	16:9	225.0	217.9	129.7	122.6	3.5	1.6	127.6
R300WH1 Plus	300"	16:9	268.6	261.5	154.2	147.1	3.5	1.6	152.0
R345WH1 Plus	345"	16:9	307.8	300.7	176.2	169.2	3.5	1.6	174.0
R390WH1 Plus	390"	16:9	347.0	339.9	198.3	191.2	3.5	1.6	196.1
Unit: mm									
R273WV1 Plus	273"	4:3	5727	5547	4341	4161	90	40	4285
R300WV1 Plus	300"	4:3	6276	6096	4752	4572	90	40	4697
R320WV1 Plus	320"	4:3	6682	6502	5057	4877	90	40	5002
R200WH1 Plus	200"	16:9	4610	4430	2670	2490	90	40	2615
R250WH1 Plus	250"	16:9	5715	5535	3293	3113	90	40	3240
R300WH1 Plus	300"	16:9	6822	6642	3916	3736	90	40	3860
R345WH1 Plus	345"	16:9	7818	7638	4476	4296	90	40	4420
R390WH1 Plus	390"	16:9	8814	8634	5037	4857	90	40	4982

Note: Data Error  $\pm 1$ "



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

[www.eliteproav.com](http://www.eliteproav.com)