



## **Valerion Matte White Fixed Frame Screen**

Thanks for choosing the Valerion Matte White Fixed Frame Screen.  
Please read this manual carefully before installation and use.

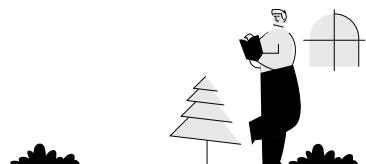


# CONTENTS

|                              |   |
|------------------------------|---|
| Knowing Your Screen .....    | 1 |
| Assembling Your Screen ..... | 3 |
| Specification .....          | 9 |



# 1 KNOWING YOUR SCREEN



## Precautions

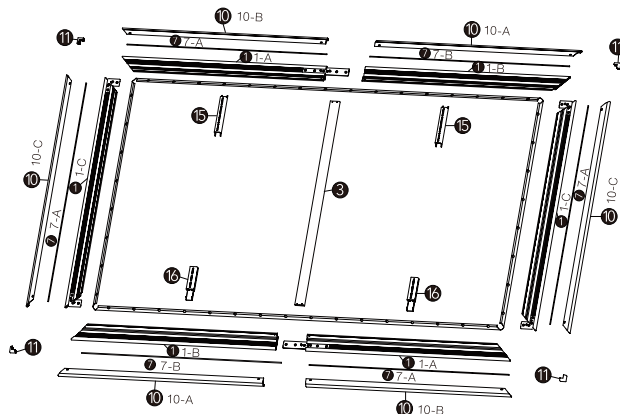


To ensure the projection performance of this product, please pay attention to the following operating requirements. When assembling, find a suitable size floor or table. The surface must be clean and free of any obstacles. The floor or table must be covered with clean materials such as cloth, film, blankets, etc.

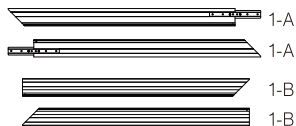
Handle with care during installation to prevent personal injury or property damage.

Do not touch the surface of the projection screen with ungloved hands. Do not touch the projection surface with sharp or hard objects to prevent damage to the screen material. Keep children away from the screen to prevent accidents. The surface of the screen must be cleaned and treated regularly and it is recommended to take care of it once every two weeks. Please use a soft cotton cloth to wipe (dip some water) gently, and it is not advisable to use any chemical cleaners or alcohol.

## Exploded Overview



## Package Contents



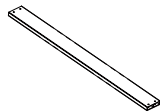
1 Inner Frames \*4



1 Inner Frames \*2



2 Phillips-Head Screwdriver\*2



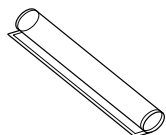
3 Support Rod \*1



4 M4\*8 Screws \*16



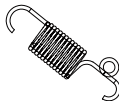
5 Gloves \*2 (pairs)



6 Screen \*1



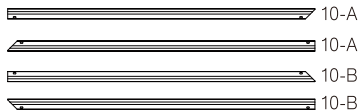
7 Fiberglass Strips \*6



8 Draw Springs \*N



9 Hooks \*2



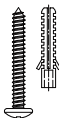
10 Exterior Frames \*4



10 Exterior Frames \*2



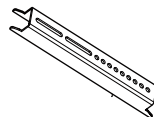
11 Corner Protectors \*4



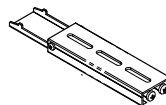
12 Wall Anchors with Screws \*8 (sets)



13 Level \*1



14 Upper Wall Brackets \*2

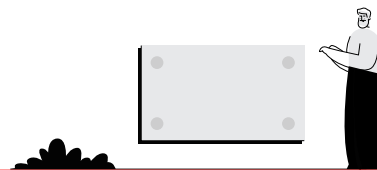


15 Lower Wall Brackets \*2



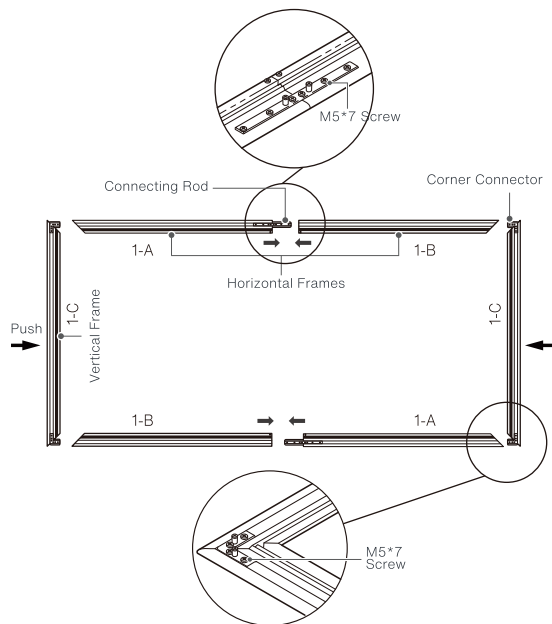
16 User Manual \*1

# 2 ASSEMBLING YOUR SCREEN

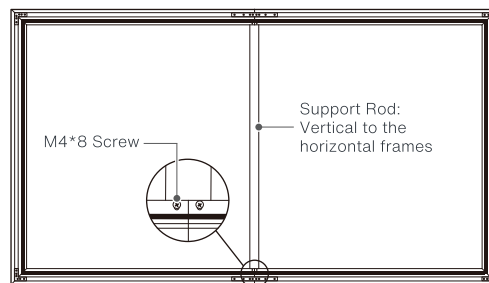


## Assemble the Inner Frames

1. Connect the horizontal frames and fasten the M5\*7 screws.
2. Insert the four corner connectors into the horizontal inner frames, and attach the corners with M5\*7 screws as shown below.



3. Install the support rod as shown below.



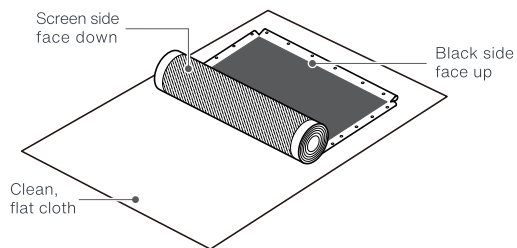
## Assemble the Screen

1. Put on gloves and place a clean cloth (or use the packaging material for the screen) on a flat, clean and level surface.

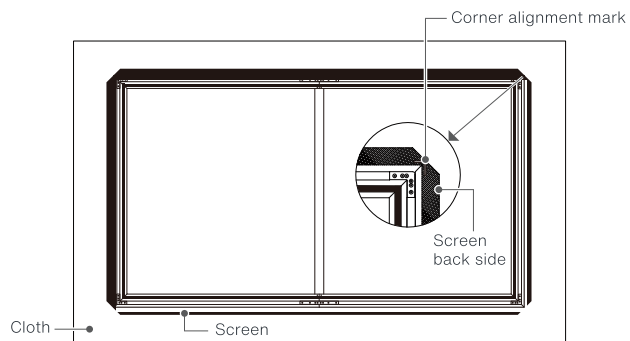
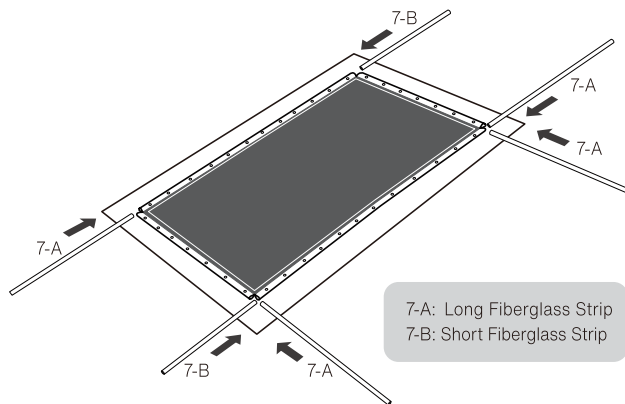


2. Unroll the screen, place it face down on the cloth, then insert the fiberglass strips into the screen sides.

**Caution:** Handle with care. Avoid any creases on the screen.

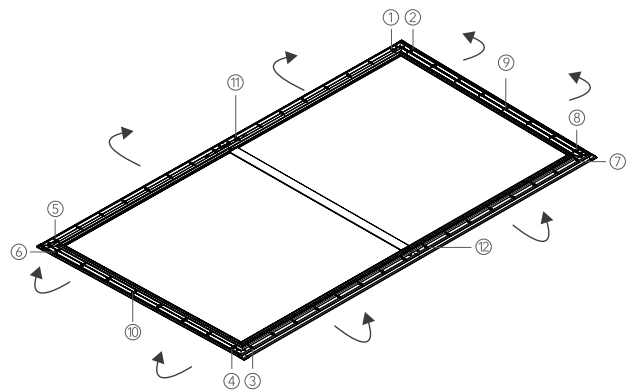


3. Put the assembled frames on the back side of the screen.

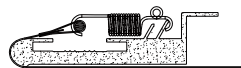
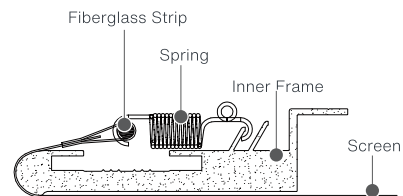
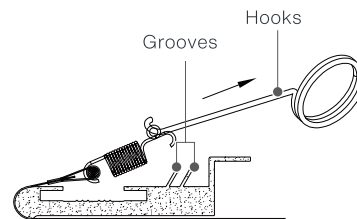




4. Fix the screen onto the frame with all the springs in order as indicated below (corners, short sides, then long sides).



5. Hold the screen upright and ensure that it is taut and flat. Adjust the springs until no creases observed.

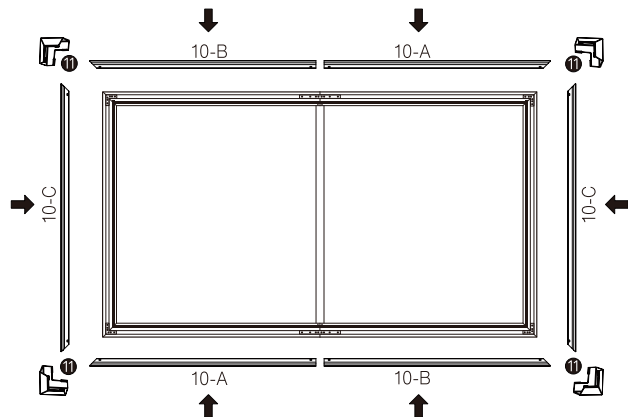


**Note:**

After extended use, the screen may become less taut. Attach the springs to the innermost groove to re-flatten it.

## Assemble the Outer Frames

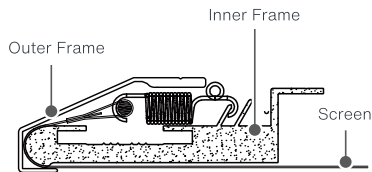
1. Place the outer frames against the inner frames, align the four corners and attach with the included M4\*8 screws.
2. Attach the plastic corner protectors onto the four corners.



10-A/10-B: Horizontal Outer Frame

10-C: Vertical Outer Frame

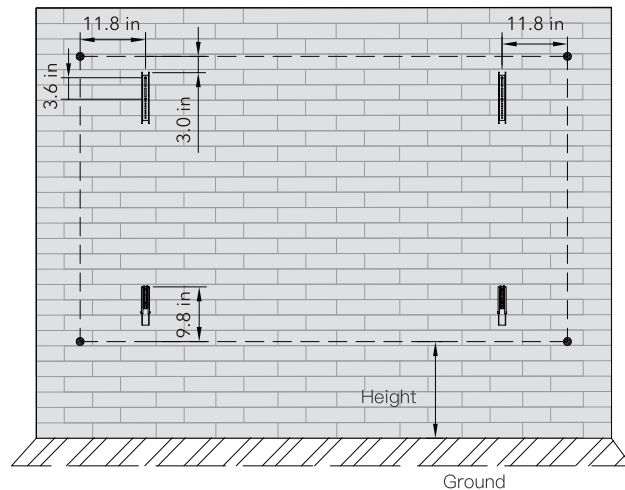
11 : Corner Protector



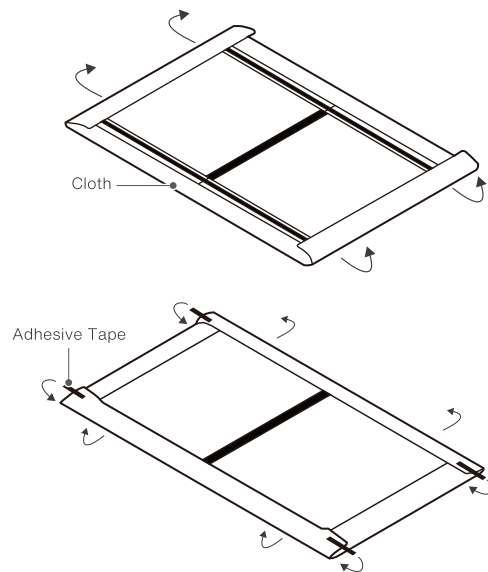
## Mount on the wall

1. Estimate the wall mount area for the screen. The height between the ground and the lower edge of the screen should be confirmed by your preferred projector throw distance using the throw distance chart. (As shown below).
2. Measure the distance between the spots where the wall brackets will be mounted with the included level ruler.

### Recommended Distance

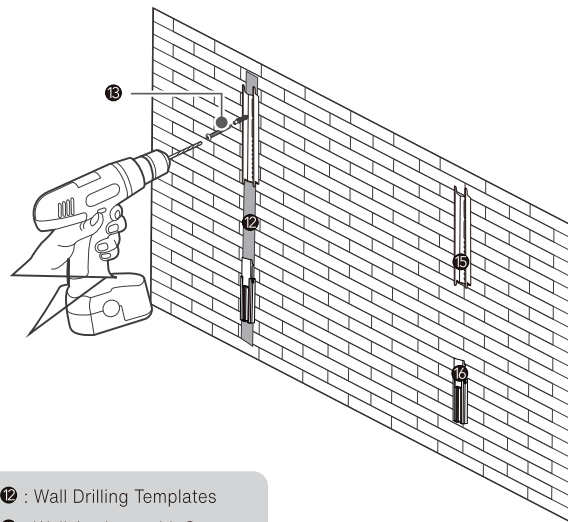


3. Make sure the screen is correctly assembled, then wrap the screen front with the cloth to prevent it from being damaged or scratched.



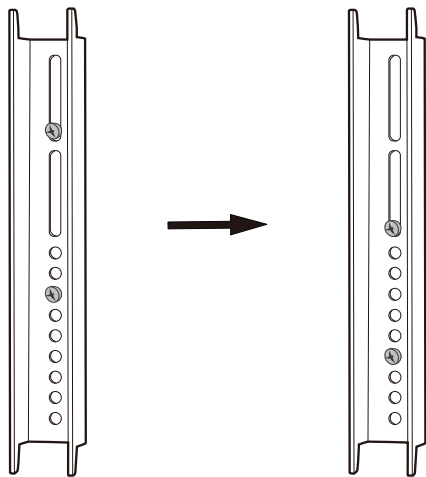
4. Drill holes respectively and install the four wall brackets using the wall anchors with screws.

**Note:** Make sure the brackets are level with the level ruler.



- 12 : Wall Drilling Templates
- 13 : Wall Anchors with Screws
- 15 : Upper Wall Brackets
- 16 : Lower Wall Brackets

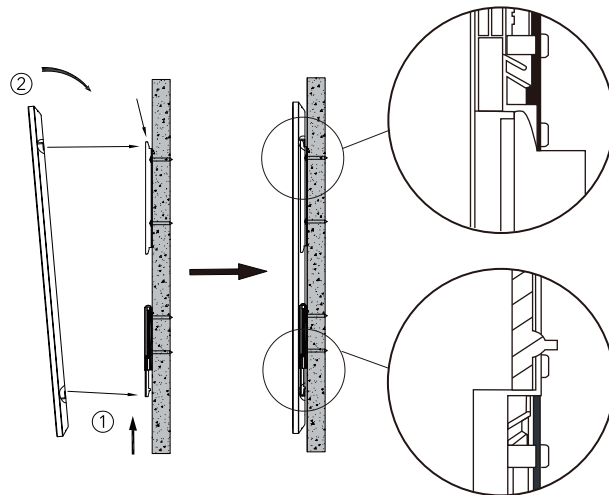
#### 5. Screen height adjustment



You can fine-tune the installation height of the screen without drilling new holes based on the screw holes in the upper wall bracket and the lower wall bracket spring range. (Adjustable height range: 0–2.0 inches)

#### 6. Mount the screen onto the wall as shown below.

- 1) Insert the lower side of the screen into the lower wall bracket, then push upwards to compress the lower wall bracket spring.
- 2) Insert the upper side of the screen into the upper wall bracket, then release.



# 3 Specification




| Valerion Matte White Fixed Frame Screen Specification |  |  |  |
|---|--|--|--|
| Model   | MW-100   | MW-120   | MW-135   |
| Size  | 100 inch   | 120 inch   | 135 inch   |
| Material  | Matte white  | Matte white  | Matte white  |
| On-axis Peak Gain                                     | 1.3dB  | 1.3dB  | 1.3dB  |
| Resolution  | up to 8K   | up to 8K   | up to 8K   |
| Viewing Angle   | 170°   | 170°   | 170°   |
| Frame   | Aluminum Alloy   | Aluminum Alloy   | Aluminum Alloy   |
| Projection Ratio                                      | 16:9   | 16:9   | 16:9   |
| Matched Projector                                     | Long Throw Projector<br>Short Throw Projector<br>Ultra Short Throw Projector | Long Throw Projector<br>Short Throw Projector<br>Ultra Short Throw Projector | Long Throw Projector<br>Short Throw Projector<br>Ultra Short Throw Projector |
| Screen Dimensions                                     | 87.9*49.8*1inch<br>2234*1265*25mm  | 105.4*59.6*1inch<br>2676*1514*25mm   | 118.5*66.9*1inch<br>3010*1700*25mm   |
| Screen Weight   | 21.1 lbs / 9.6kg   | 26 lbs / 11.8kg  | 26.5 lbs/12 kg   |
| Package Dimensions                                    | 1405*230*130MM<br>55.3*91*5.2 inch   | 1650*230*130MM<br>65.0*91*5.1inch  | 9.4*5.9*78.1 inch<br>240*150*1985 mm   |
| Package Weight  | 30.4 lbs /13.8 kg  | 35.3 lbs / 16kg  | 38.6 lbs /17.5 kg  |

## Contact Information:

 Email: [support@valerion.com](mailto:support@valerion.com)

 Official Website:  
<https://www.valerion.com/>

 Facebook Group:  
Valerion VisionMaster Official Launch Group



Facebook Group



Installation Video







Manufacturer: VALERION TECHNOLOGY USA CO..LTD  
Address: 1312 17th Street, Unit Num 2955, Denver,CO 80202, United States.  
Contact us: <https://www.valerion.com>  
Email: [support@valerion.com](mailto:support@valerion.com)