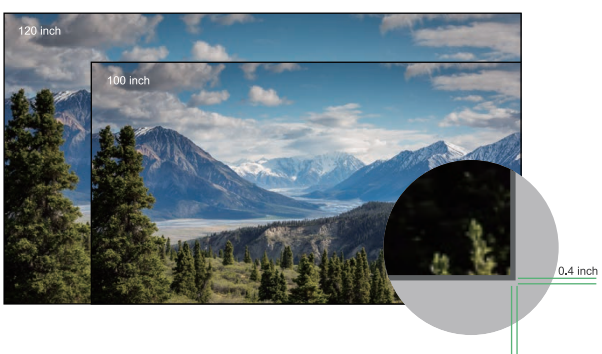
AWOL
VISION

AWOL VISION Ambient Light Rejection Cinematic Screen Instruction Manual



Thanks for choosing the AWOL VISION Ambient Light Rejection Cinematic Screens.There are three size options with vivid lifelike images, the 100" ALR-C100 & 120" ALR-C120 & 132" ALR-C132
Please read this manual carefully before installation and use.

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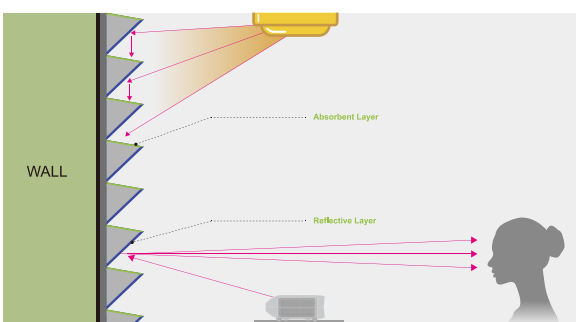
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KNOWING YOUR SCREEN

1

1.1 How it works

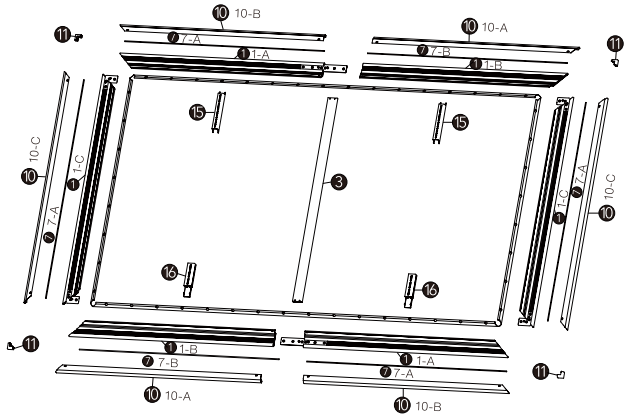




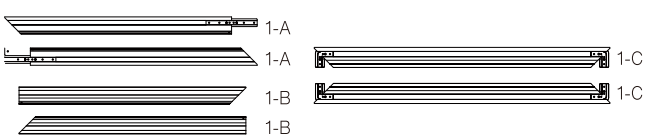
AWOL ALR Cinematic Screen

There is an Absorbent Layer and Reflective Layer in the AWOL ALR Cinematic Screen's serriform optical surface lens microstructure, (shown above in the descriptive diagram). The Absorbent Layer captures up to 95% of light from overhead sources. Ambient light reflecting off the screen's surface is directed downward toward the Absorbent Layer to avoid washing out the projected image. The Reflective Layer diverts the projector's light to the viewer's line of vision.

1.2 Exploded Overview



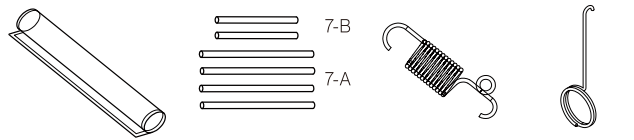
1.3 Package Contents



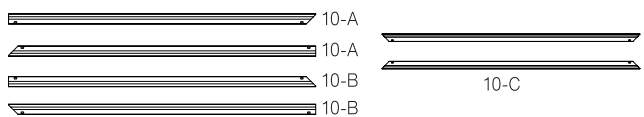
❶ Inner Frames *4 ❶ Inner Frames *2



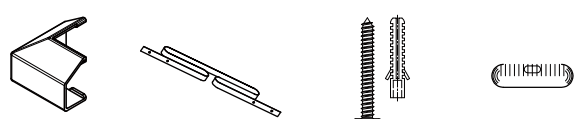
❷ Phillips–Head Screwdriver*2 ❸ Support Rod *1 ❹ M4*8 Screws *16 ❺ Gloves *2 (pairs)



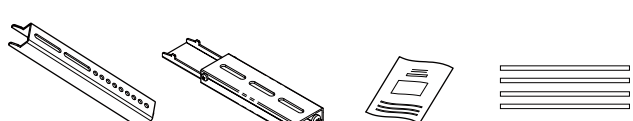
❻ ALR Screen *1 ❼ Fiberglass Strips *6 ❽ Draw Springs *N ❾ Hooks *2



❿ Exterior Frames *4 ❿ Exterior Frames *2



⓫ Corner Protectors *4 ⓬ Wall Drilling Templates *1 ⓭ Wall Anchors with Screws *8 (sets) ⓮ Level Ruler *1



⓯ Upper Wall Brackets *2 ⓰ Lower Wall Brackets *2 ⓱ User Manual *1 ⓲ Adhesive Tapes *4

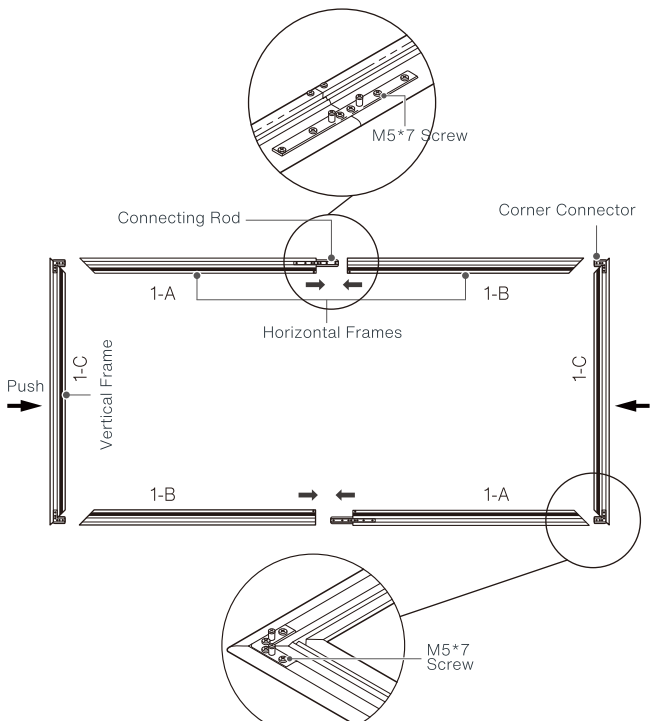


ASSEMBLING YOUR SCREEN

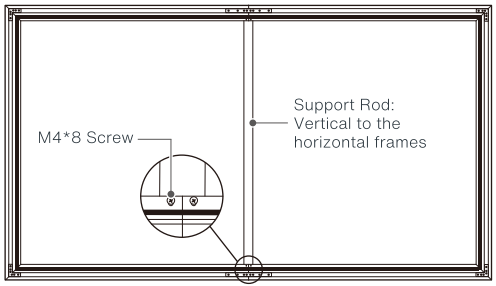
2

2.1 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.

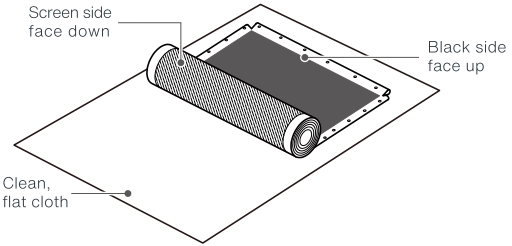


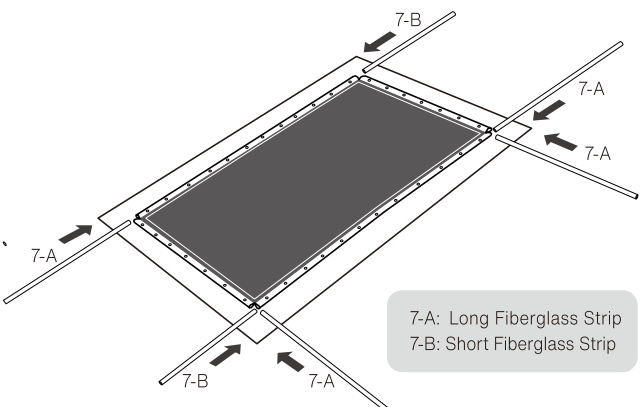
2.2 Assemble the Screen

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

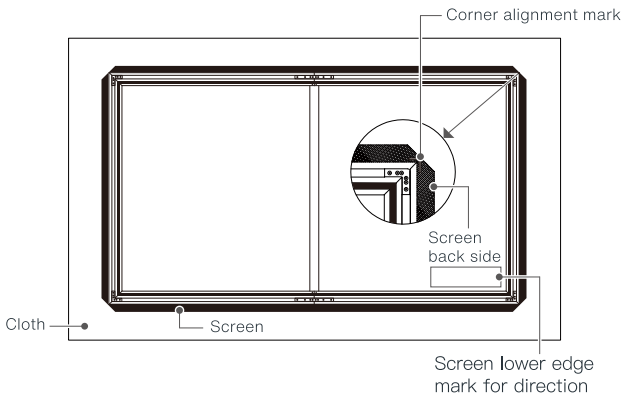


2. Unroll the screen, place it face down on the cloth, then insert the fiberglass strips into the screen sides.
Caution: Handle with care. Avoid any creases on the screen.

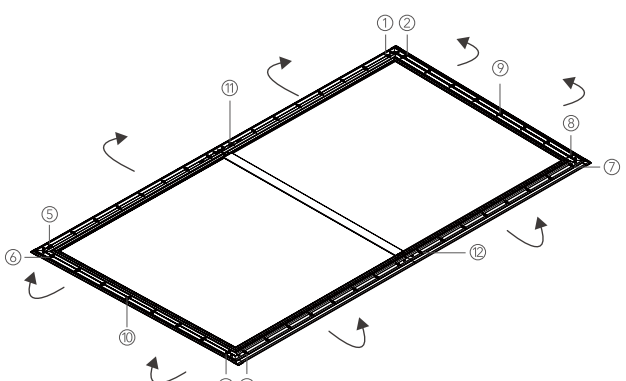


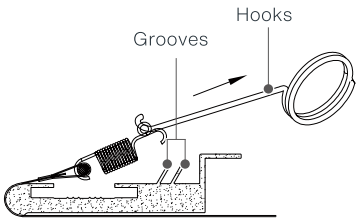


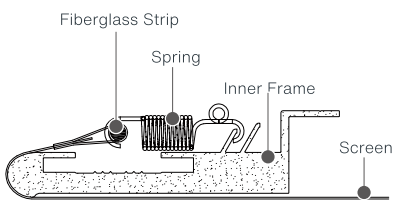
3. Put the assembled frames on the back side of the screen.
Note: AWOL ALR cinematic screen is directional and needs to be matched with the frames.

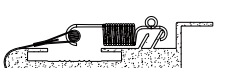


4. Fix the screen onto the frame with all the springs in order as indicated below (corners, short sides, then long sides).







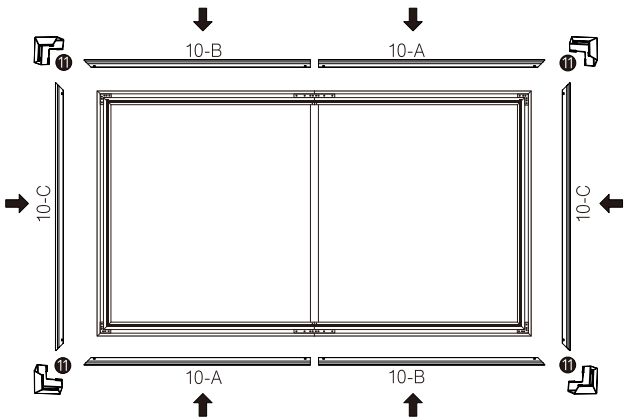


Note:
After extended use, the screen may become less taut. Attach the springs to the innermost groove to re-flatten it.

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

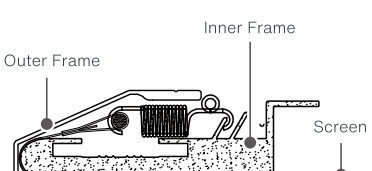
2.3 Assemble the Outer Frames

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

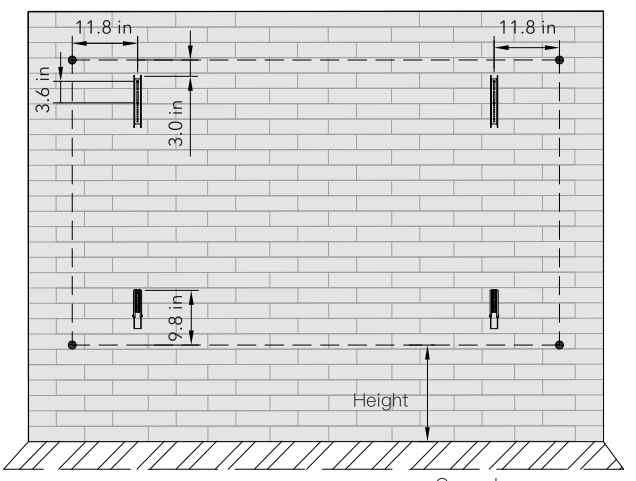
⓫ : Corner Protector



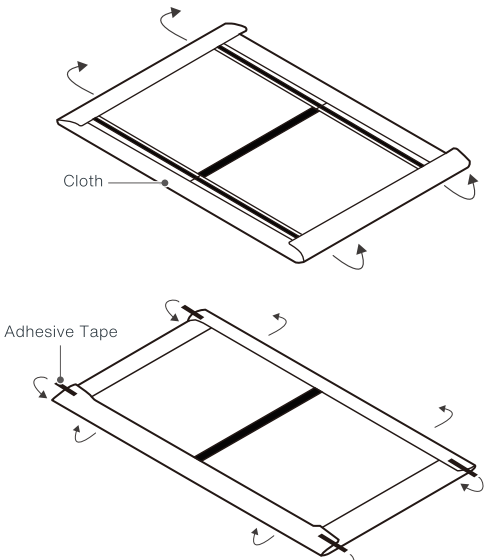
2.4 Mount on the Wall

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 UST 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.

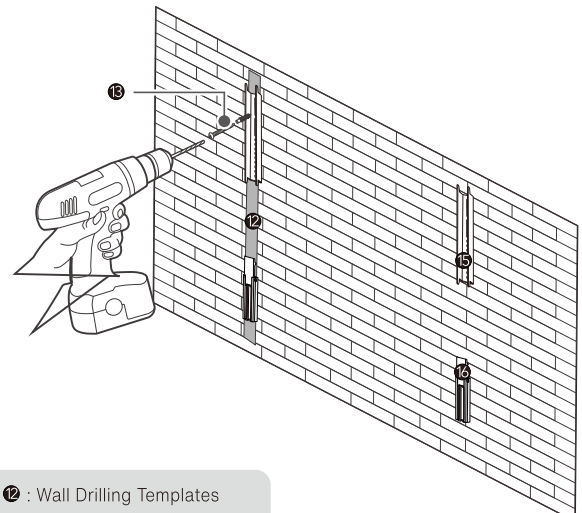
Recommended Distance



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

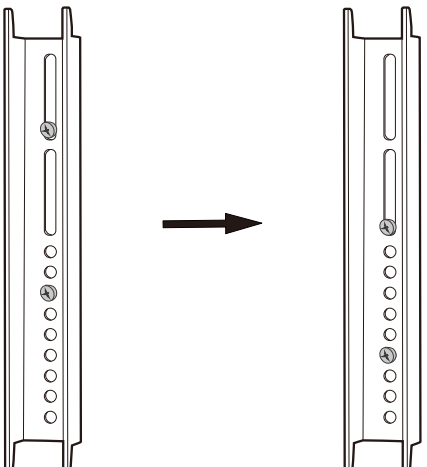


4. Drill holes respectively and install the four wall brackets using the wall anchors with screws.
Note: Make sure the brackets are level with the level ruler.



⓬ : Wall Drilling Templates
⓭ : Wall Anchors with Screws
⓯ : Upper Wall Brackets
⓰ : Lower Wall Brackets

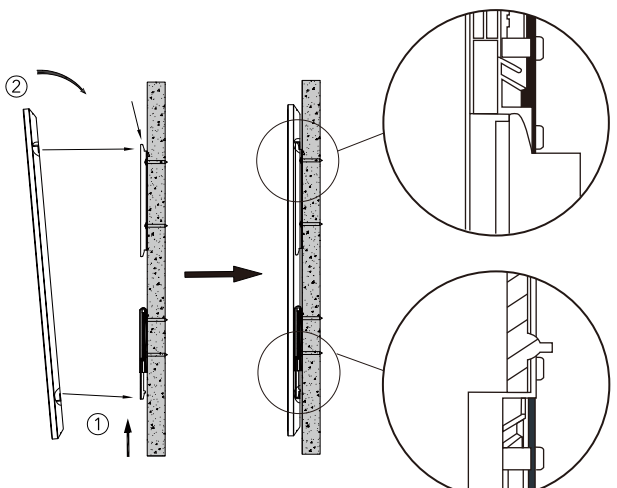
5. Screen height adjustment



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.





Specification

3

3.1 Specification

AWOL Vision ALR Soft Screen Specification			
	ALR-C100	ALR-C120	ALR-C132
Size	100 inch	120 inch	132 inch
Material	Black-Grid, eco-friendly TPU	Black-Grid, eco-friendly TPU	Black-Grid, eco-friendly TPU
On-axis Peak Gain	0.6dB	0.6dB	0.6dB
Resolution	up to 8K	up to 8K	up to 8K
Ambient Light Resistance	95%	95%	95%
Viewing Angle°	160°	160°	160°
Contrast vs Matte White (lights-on enviroment)	100 times	100 times	100 times
Frame Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Projection Ratio	16:9	16:9	16:9
Projector Lens Throw Ratio	UST	UST	UST
Adjustable Mounting Height	Yes,up to 2 inches	Yes,up to 2 inches	Yes,up to 2 inches
Screen Size	88*49.8*1.0 inch 2234*1265*25 mm	105.4*60*1.0 inch 2676*1514*25 mm	115.8*72.5*1.0 inch 2942*1843*25 mm
Screen Weight	22.3 lbs /10.1 kg	27.2 lbs /12.3 kg	37 lbs /16.8 kg
Package Size	9.0*6.7*60.2 inch 230*170*1530 mm	9.0*6.7*68.5 inch 230*170*1740 mm	9.0*6.7*79.9 inch 230*170*2030 mm
Package Weight	31.5 lbs /14.3 kg	36 4 lbs /16 5 kg.	44.5 lbs /20.2 kg
Operating Temperature	14° - 122° F -10 - 50°C	14° - 122° F -10 - 50°C	14° - 122° F -10 - 50°C



Maintenance& Precautionary Notes

4

4.1 Maintenance & Precautionary Notes

Dust, dirt and scratches on the projection screen surface will affect the quality and performance of the projection image. For optimal results we advise to pay attention to the following instructions.

1. The screen surface has a horizontal structure. DO NOT wipe the screen up and down or in a circular motion. Wipe from left to right only.
2. Please clean the dust on the screen surface with a soft brush or microfiber cloth (rough towel or cloth may damage the screen's surface).
3. Gently wipe the screen with a moistened microfiber cloth with mild soap diluted in water.

The following precautions should be followed at all times to avoid damaging the material, which is not covered under warranty.

1. Don't touch the screen material to avoid leaving fingerprints. Use gloves when handling the material.
2. Don't scratch the material, as it will leave permanent markings on the screen's surface.
3. Don't point to the screen material with a fingertip or other sharp objects to prevent damage to the material.
4. Don't use acetone, benzene, alcohol and any other organic solvents to clean the screen material. Using such chemicals will permanently damage the screen.

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