



## **Light-On CLR® 3**

**Folding-frame: Model# LPS60H-CLR3**

*Portable Ceiling Ambient Light Rejecting Screen*

For tabletop mounted ultra-short throw projectors

### ***User's Guide – Z type***

Thank you for choosing the **Lights-On Portable Series™** 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**

The **CLR® 3** is a Ceiling/Ambient light rejecting screen material. It is a delicate optical/lenticular material and should not be folded, bent, or creased. Always maintain screen material flat and taut during setup and disassembly.

***\*Elite Screens is not responsible for damages due to negligence resulting from misuse or mishandling of the product and will void your warranty.***

Dust, dirt and scratches on the projection screen surface will affect the quality and performance of the projection image. Follow the instructions below to properly maintain the screen.

- 1) The screen surface has a horizontal linear structure. **DO NOT** wipe the screen up and down or in a circular motion. ***Wipe gently from left to right only.***
- 2) Clean the dust on the screen surface with a soft brush or microfiber cloth. A rough/coarse towel or cloth may damage the screen's surface.
- 3) Gently wipe the screen with a lightly moistened white lint free cloth with water or with a neutral detergent (1mL/0.33 oz) mixed with water (1000 mL/33.8 oz).
- 4) Avoid putting pressure on the screen material when wiping the screen. If dust or other debris is on the surface, we recommend using an air sprayer to blow them away.

After using the screen, disassemble it and store it in the carrying bag provided.

***\*Make sure to keep the material protection film and tube for when disassembling the screen.***

- ◆ To avoid damage and injury, the screen should only be operated by adults.

**Notes: *The following precautions should always be followed to avoid damaging the material, which is not covered under warranty.***

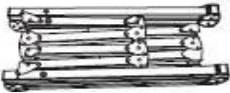

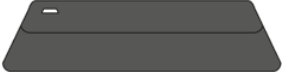

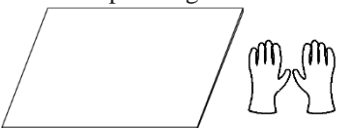



- Don't touch the screen material to avoid leaving fingerprints.
- Use gloves when handling the material.
- Don't scratch the material, as it will leave permanent markings on the screen's surface.
- Don't point to the screen material with a fingertip or other sharp objects to prevent damage to the material.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

## Product Description

**Design:** The aluminum frame is designed to be light weight and easy to handle when setting up or taking it down. Portability makes the screen easy to carry.

**Screen Fabric:** The screen fabric is attached to the rectangular frame and held in place by Velcro and several press stubs, which ensure an evenly stretched and flat surface. The **CLR® 3** (front projection) screen material is delicate and should be carefully rolled to avoid any damage to the surface.

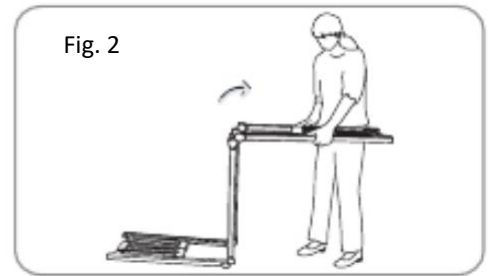
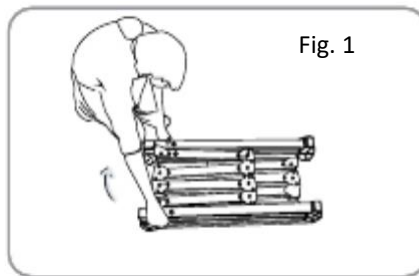
### Hardware and Parts List

<p>A. Folding frame x1</p> 	<p>B. Left and right folding legs x2</p> 	<p>C. Screen material bag x1</p> 	<p>D. Projection screen material x1</p> 
<p>E. Protective foam sheet x 1 and pair of gloves x 1</p> 	<p>F. Carrying Bag x1</p> 	<p>G. Knob screw x10</p> 	<p>H. Skirt</p> 

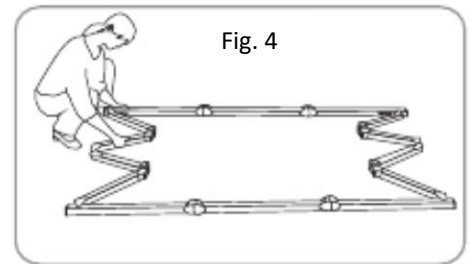
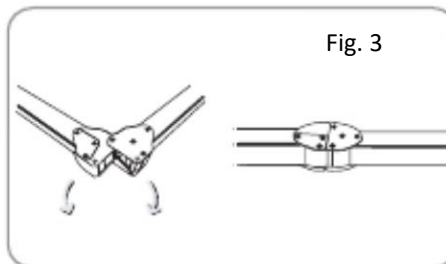
Note: The parts list above is subject to change without notice.

## Frame Assembly

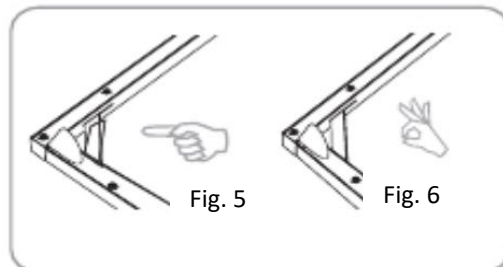
1. Take the **folding frame (A)** out of the **carrying bag (H)** and place it on a flat surface. Unfold the longer sections first as shown in Fig.1-2.



2. Unfold the frame until the latch on the hinge "clicks" into place. Repeat the procedure for the shorter sections. (Fig. 3-4)



3. Make sure all 4 corners of the frame are at a 90° angle and the hinged support bar is straight and not bending (Fig. 5-6). After unfolding the frame, make sure to lay it out with the Velcro facing down.



## Leg Attachment

4. Carefully take the *folding legs (B)* out of the *carrying bag (F)* and place them on a flat surface.

**Warning:** The additional support sections, located at the middle section of the legs, may unfold on its own. Please be sure to use caution while removing/placing the legs from/to the bag.

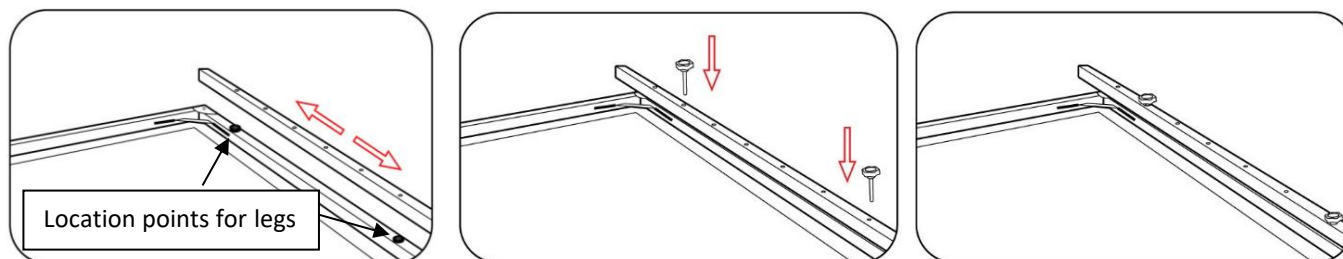
5. Unfold the legs and position them on the back of the main frame as shown below.



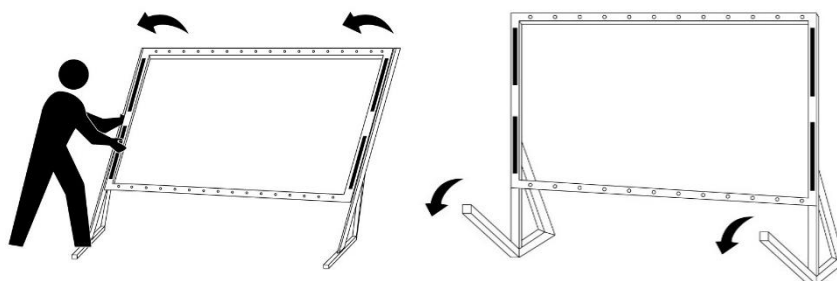
**Height adjustable frame feature:** The screen allows for the main frame to be set at various height settings.

6. Lay the legs over on the back of the frame in the position desired.

Once you have aligned the leg's holes with the frame's holes, secure with the *knob screws (G)*.



7. Next, lift the screen up while simultaneously opening the front frame legs.



8. Next, carefully unfold the extra support leg behind the leg and attach it securely using a *knob screw (E)*.



## Unrolling the screen material

### CAUTION!

THE PROJECTION SURFACE IS A DELICATE OPTICAL/LENTICULAR SCREEN MATERIAL AND SHOULD NOT BE FOLDED, BENT, OR CREASED. ALWAYS MAINTAIN SCREEN MATERIAL FLAT AND TAUT DURING SETUP AND DISASSEMBLY. ANY DAMAGES TO THE SCREEN MATERIAL WILL VOID YOUR WARRANTY.

9. Carefully take out the screen material tube from the carrying bag and **ONLY** handle it **HORIZONTALLY** with two hands to avoid dropping it.

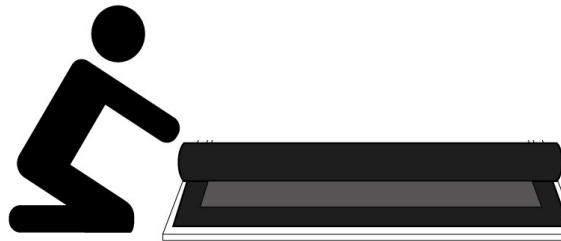
**ATTENTION: NEVER** handle the screen material tube **VERTICALLY** or stand it to avoid crushing the material.

10. Once the screen material tube is on a flat surface horizontally, remove both end caps and gently pull out the screen material out of the tube.

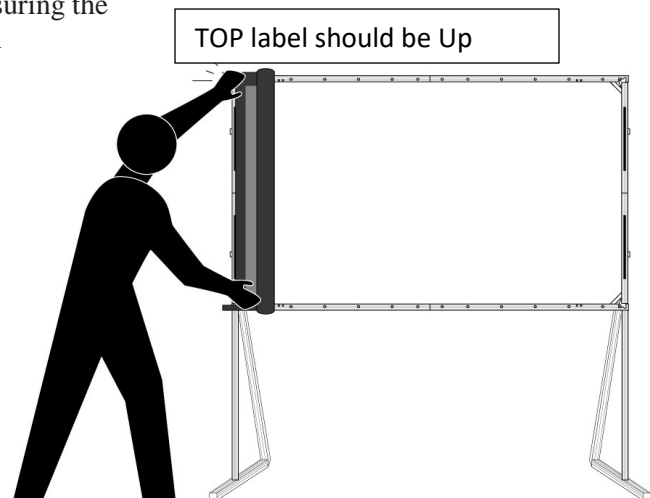
10. Unroll the material, remove the protective foam sheet, and set it aside.



11. Roll the material again to prepare for attaching it to the frame and note where **TOP** and **BOTTOM** labels are.

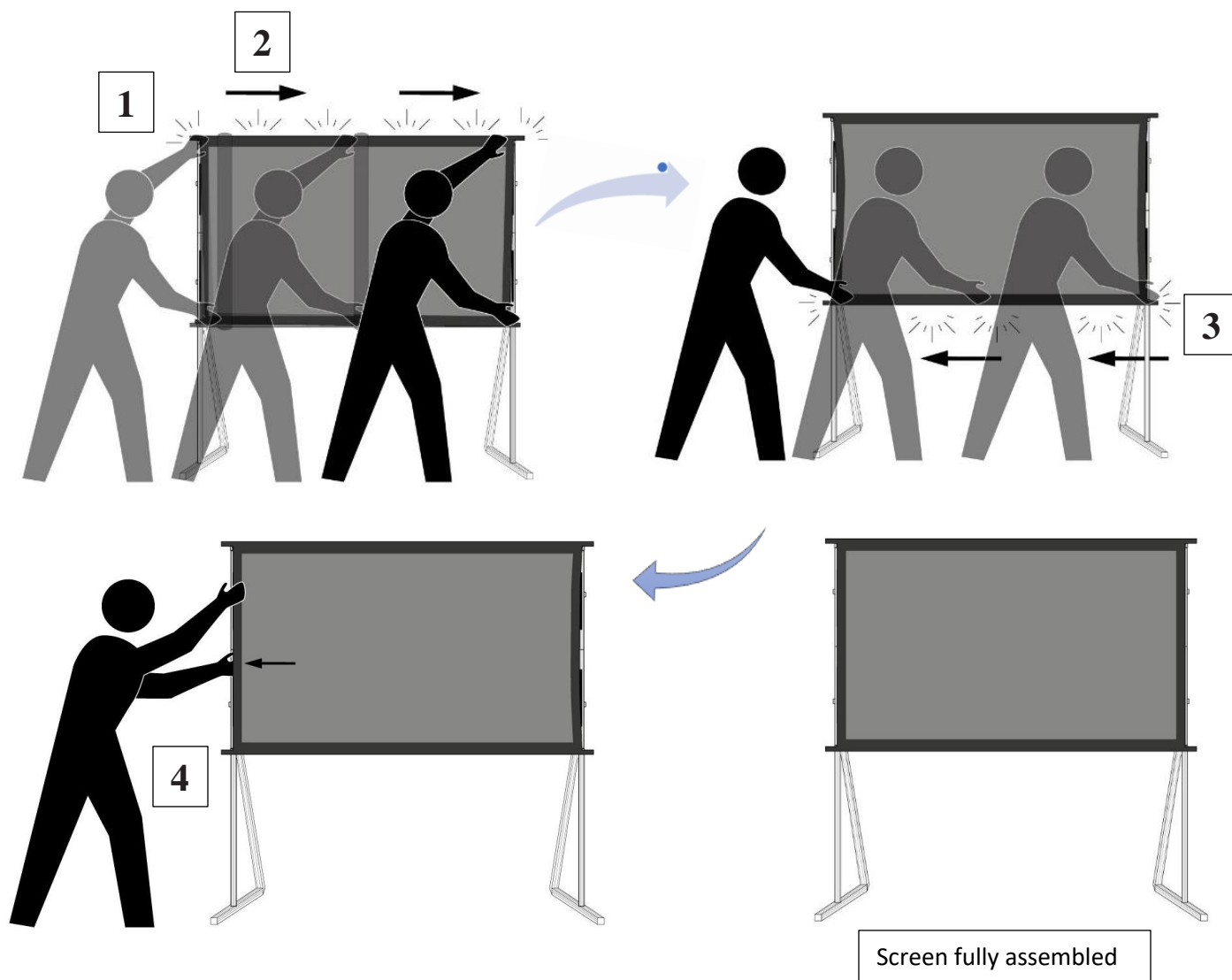


12. Gently pick up the rolled material with both hands assuring the **TOP** label is upwards and attach to the frame as shown in the following steps.



## Screen Material Attachment

1. Snap the left top corner of the material to the frame
2. Unroll the material and attach each press stub to the frame until you have reached the top right corner.
3. Then secure the bottom left corner and snap each press stub to the bottom of the frame.
4. Lastly, pull the left and right ends and secure them to the top/bottom velcro strips.



## DRAPE/SKIRT INSTALLATION

- 1) Position the skirt's grommet over the frame's press stub



- 2) Snap the bottom of the material to the frame



- 3) Repeat procedure until finished

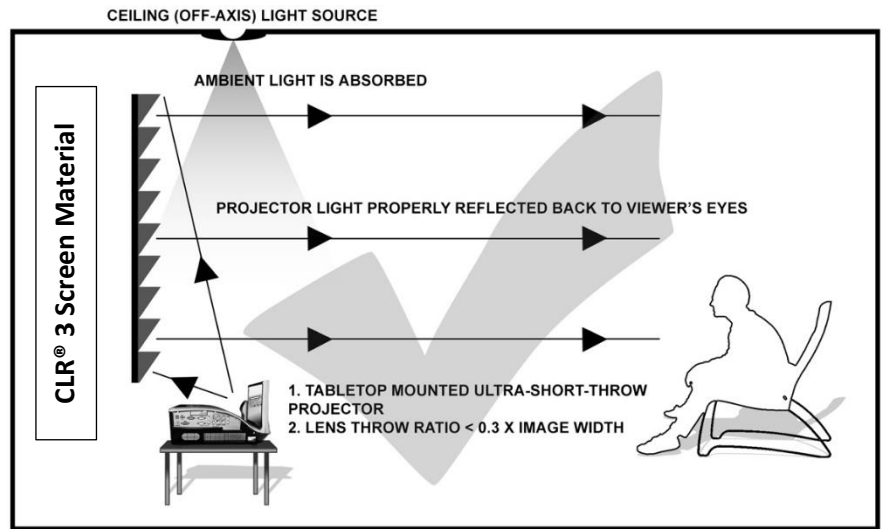


## Notice to Installer:

### PROPER PROJECTOR PLACEMENT

The **CLR® 3** is exclusively for bottom placed ultra-short throw projectors as illustrated below.

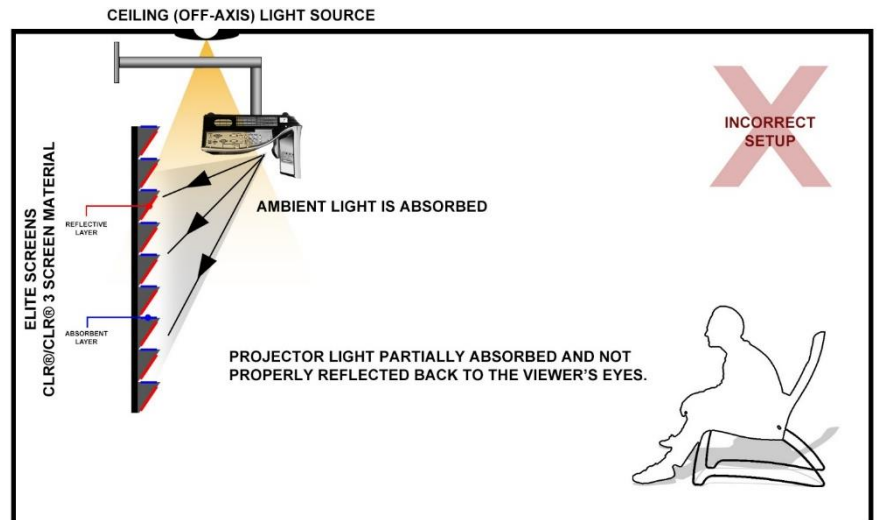
#### 1) Tabletop mounted Ultra-short throw Projector Illustration



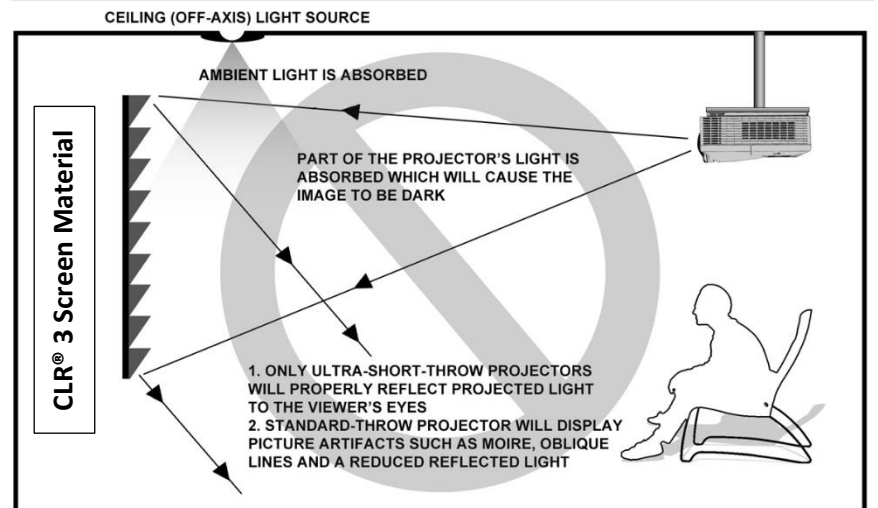
### IMPROPER PROJECTOR PLACEMENT

Overhead placement or a standard projector will make the image very dark, on account of the screen's absorbent layer deflecting light that is not aligned with its reflective angle

#### 1) Ceiling Mounted Ultra-Short Throw Projector Illustration

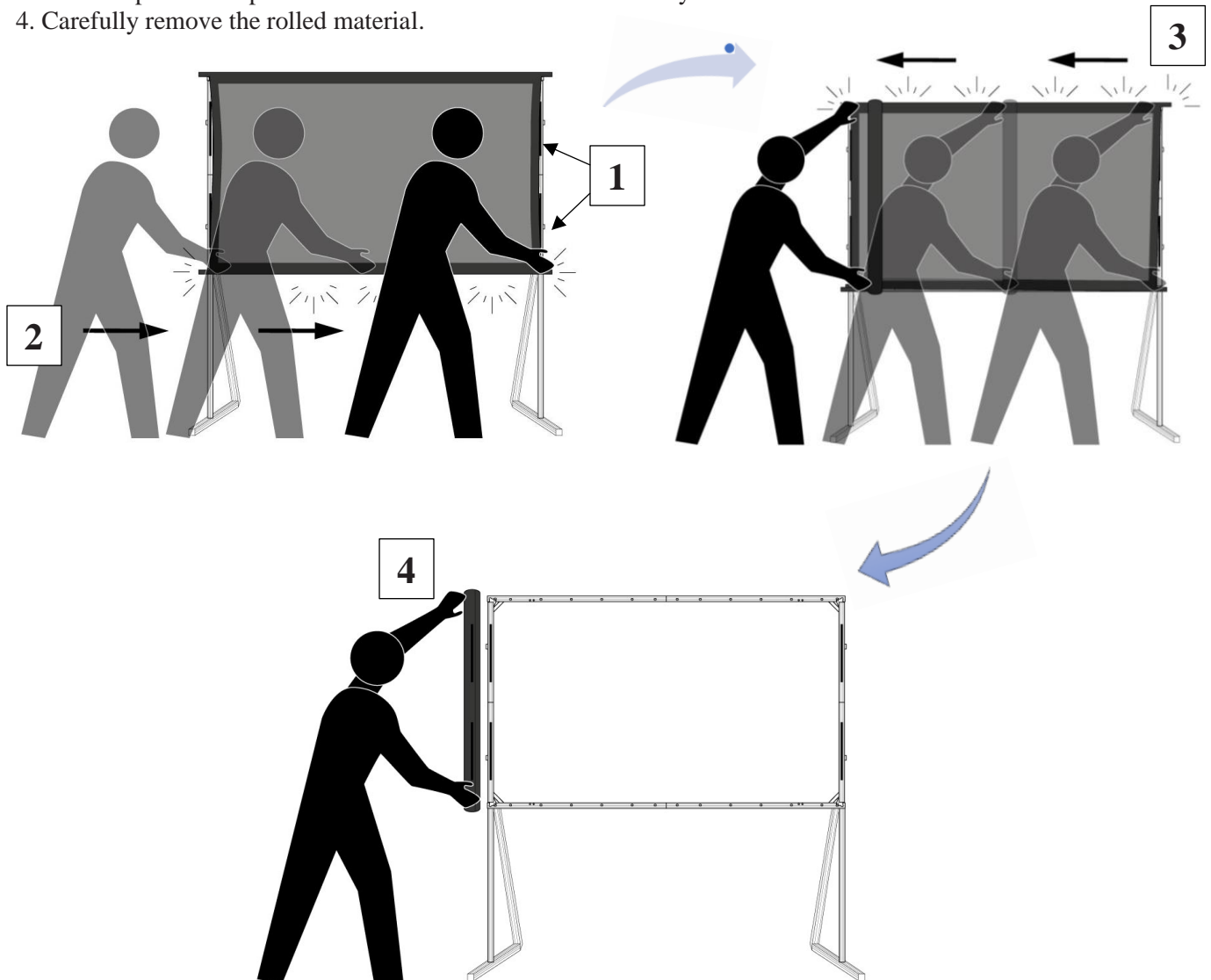


#### 2) Ceiling Mounted Short and Standard-Throw Projector Illustration

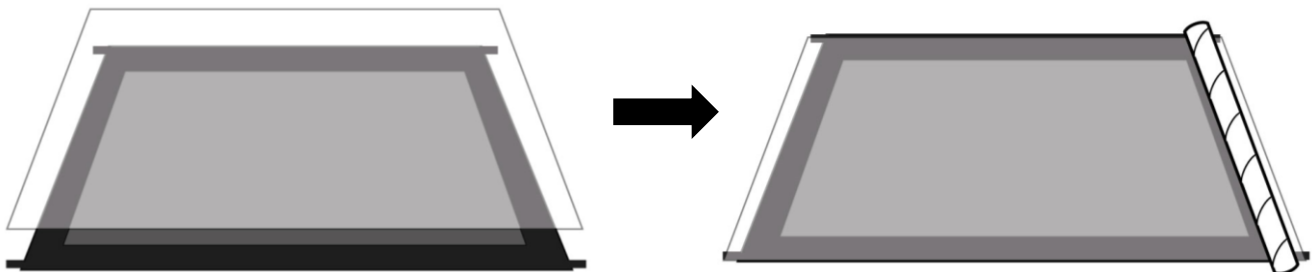


## Screen Disassembly

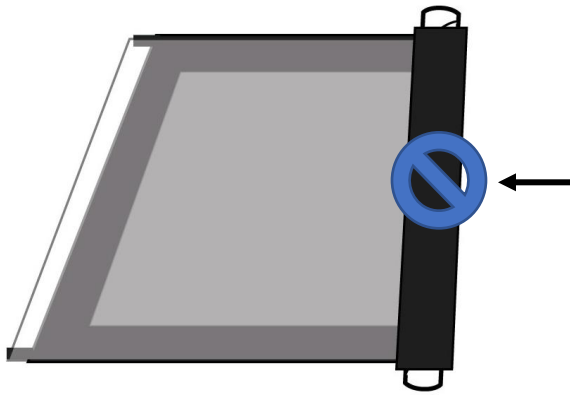
1. Detach the left and right sides from the Velcro strips
2. Snap off all the buttons from the bottom frame
3. Then snap off the top buttons from the frame one at a time as you roll the material.
4. Carefully remove the rolled material.



5. Set the material down on a clean area and unroll it.
6. Lay the protective foam sheet on top of the unrolled material and place the inner core tube at the end as shown below.

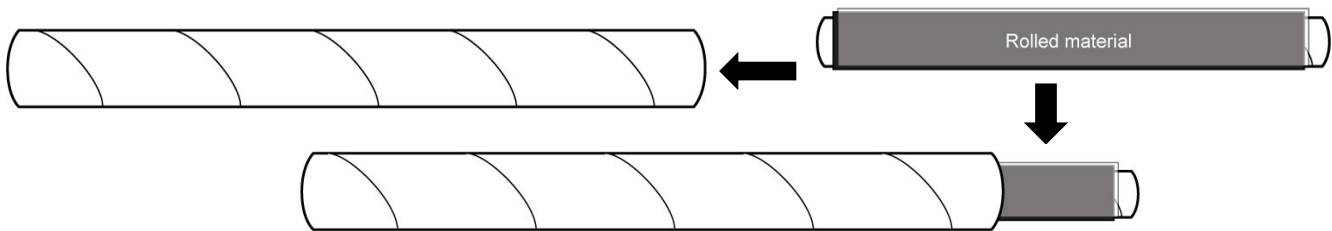


7. Roll the material by the ends only (black masking border).



**CAUTION: DO NOT ROLL THE MATERIAL FROM THE MIDDLE AREA TO AVOID BENDING AND CRINKLING**

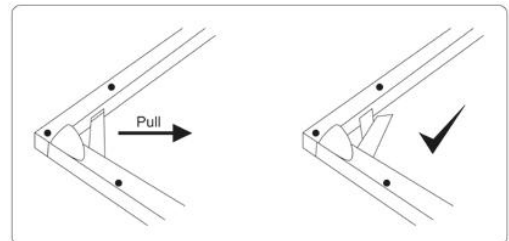
8. Once the material has been completely rolled, insert the rolled material with the outer tube lying horizontally. DO NOT force it in as that will crush the ends and damage the material. If the material does not fit in snugly, re-roll the material.



9. After the material is completely inside the outer tube, put the end caps back on to secure the material.

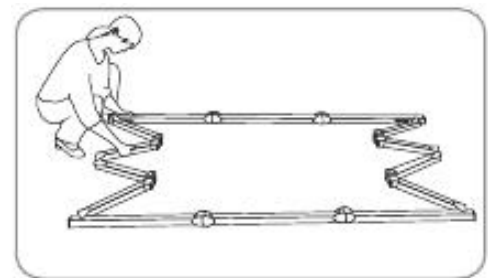
### Folding Frame

10. Unlatch the hinged support bars in each leg and carefully lean it forwards to lay it flat. Remove the legs by loosening all the knob screws.



11. Then, unlatch all for hinged support on all corners.

12. Press in the locking buttons, near the folding joints, and slowly gather the sides of the folding frame.



13. Again, press in the locking buttons. Then, pick up one end of the folding frame, and walk it to the other end, folding the longer sections in half.

14. Carefully place the screen and components in the provided *carrying bag (f)*.

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

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