



Epic Projection Screens

Setup and User Guide

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PRECAUTIONS

Warning! Please read this entire page. Failure to follow these instructions may result in equipment damage or physical injury!!!

1. All electrical cords should be properly connected to reduce the risk of fire or shock.
2. Do not expose electronic components to moisture, extreme heat or extreme cold.
3. Do not use the system in winds above 25 m.p.h.
4. Tether the frame securely every time it is used.
5. Do not use the screen or screen frame on sharp or abrasive surfaces or objects. Always use something to protect the screen frame and keep it clean and protected from abrasion or puncture.
6. Epic screens are intended for temporary outdoor use only. Never leave a screen unattended. Permanent installation is not recommended and may void warranty. For extended use outdoors, additional accessories to customize the screen may be purchased separately.

Note: When unpacking components, check to verify that no parts are left in packaging.

Site Selection

Caution: Before considering any area as a location for the inflatable screen, check to be certain that there are no underground hazards, such as electric cables or irrigation pipes if you plan to use anchor stakes. Also be certain that irrigation systems will not be in use in the selected location while electrical components are in place or during the presentation!

1. **Area:** Choose a space appropriate to the size of your screen. The projector will need to be positioned 12-30ft. in front or behind the screen. (Depending on the screen size and projector type. See the projector manual for exact distance.)
2. **Level Ground:** The site should be flat and level in order to safely operate the equipment.
3. **Ground Surface:** If the screen frame must be inflated on a rough or abrasive surface, remove any potentially damaging objects, if possible. Do not drag the screen frame on rough surfaces...such as a pool deck. Repeated abrasion may result in air leaks that require patching.
4. **Lighting:** If possible, choose a dark area with little or no direct bright light (such as street lights). Ambient light will reduce the image brightness and quality. If ambient light is unavoidable, position the screen frame such that the light is coming from the side, rather than directly towards the front or back of the screen.
5. **Power Supply:** A single 15 amp (standard household) outlet is sufficient to run the Epic ShowCase system. You will need to be able to plug in two extension cords. It is strongly recommended that any equipment used outdoors be connected to a circuit equipped with a ground fault interrupter (GFI) device.

Screen/Frame Setup

1. **Position the Inflatable Frame:** Take the rolled frame out of the screen bag and lay it out in the middle of the desired setup area.
2. **Determine method for securing frame, and have attachment options ready.** If using the water bag anchors, fill the bags before inflating the frame. If using stakes or other objects for tie down, have them located before inflating the frame.
3. When setting up the Frame in for use on a pool deck, beach, lawn or other flat surface, attach the D rings on the water bags to D rings at the bottom of the Frame, using the clips and straps provided. Cinch the straps as necessary to keep straps tight **(do not rely on water bags in windy conditions)**. In breezy windy conditions use the tethers provided to attach to stakes provided or to other suitable anchoring devices.

4. **Attach the High performance pump to the Frame to inflate:**
 1. First remove the grey plastic valve cover (located next to the safety instructions) by turning it counterclockwise.
 2. Connect the air pump to the valve. Insert the adapter end of the pump hose fully into the valve and turn clockwise, until you hear or feel it lock. Make sure the pump connection is made on the end of the pump adjacent to the switch (the other end is for pulling air from the frame when you wish to deflate).
 3. After plugging the pump into a power source, turn it on. Run the pump until the Frame is taut.
 4. The provided pump will not overinflate the Frame. When the Frame is completely inflated, you will hear a change in the sound coming from the pump. While the pump is still running, disconnect it from the Frame by turning the valve adapter connection counterclockwise, and removing it from the Frame. Then turn off the pump.
 5. Replace the valve cover on the Frame.
 6. After inflation adjust the final position of the Frame as necessary. Remember, the vinyl can be damaged resulting in air leaks by dragging the bottom across rough surfaces such as pool decks, pavers, asphalt, or concrete. Also, use the handles on the frame to LIFT into position rather than dragging it into position.

5. **Attach the Screen to the frame:** If the screen is not already attached, attach it before the frame is inflated to full height. The screen is attached by using the zippers on the outer band. First partially inflate the frame (legs standing, but with top bent back towards the ground. Locate the blue square on the back of the screen, and match up with zipper pull on the bottom right side of the screen frame. Start with this zipper. ***Make sure the zipper is fully engaged before starting to zip it up.*** When the zipper is approximately 48" from the end, begin the next zipper, then go back to complete zipping the first zipper. Repeat the procedure until the screen is fully zipped in place. After screen is zipped in, reattach the pump and inflate frame until taut.

Note: This process is used for all Epic QuikZip screens.

Note: Your frame is equipped with a unique screen attachment system. If the zipper is ever damaged, you will be able to easily remove the entire zip-in border and return it for repair or replacement...without having to ship the entire frame.

6. **Attach the bottom skirt to the frame:** After the frame is inflated and taut... If the bottom panel is not already attached, start at one end, by attaching the Velcro at the corner and horizontally about a foot across, and then down the side to the bottom of the leg. Then continue attaching along the Velcro across the frame, below the screen. Pull the panel taut as you unroll it across the width of the frame. After attaching across the top, attach down the other side. Pull the legs outward to stretch the panel taut. You may wish to remove this panel and roll after each event to prevent any wrinkling around your logo or graphics when it is compressed in the storage bag.

7. **Secure the Tethers to Stakes or water bag anchors:** For outdoor use, always secure the frame with the provided tethers. Before inflating make sure you have a hand on the upper tethers to prevent the frame from blowing over or shifting during inflation if there are wind gusts. Although the frame can stand freely on its own, it is recommended that you always hold the tethers while the frame is inflating and until it is securely tethered to the anchors.

The provided water bag anchors are for use when winds are very light. If winds are gusting, or building, always tether from the top of the frame (see Tethering Illustration below), and use additional weights for anchors, or use provided stakes.



SCAN CODE FOR
SETUP VIDEO

Tethering Illustration

For setting up a PATIO or PREMIER Series Frame to float in your pool:

1. Unroll and inflate the frame and install surface at the pool's edge.
2. With assistance from a helper and while always holding tethers, LIFT one side of the frame and place in the water then proceed to place the other side in the pool.
3. Float the screen to the desired area and proceed to anchor screen to the front and back.
4. Always make sure the straps from Frame are pulled very taut.

(See Tethering Illustration below).

8. **Deflate Frame:** When deflating the frame, it is recommended that two or more people work together. The screen should always be removed after use. Care should be taken to prevent it from touching the ground, in order to keep it clean. Follow the instructions for folding the frame which can be found on our online instruction videos or scanning the QR code above. **IMPORTANT - PREVENT MOLD/MILDEW ON YOUR FRAME OR SURFACE:** IF THE SURFACE AND/OR FRAME GOT WET DURING YOUR EVENT, BE SURE TO REMOVE THE SCREEN AND THOROUGHLY DRY, THE NEXT DAY, RE-INFLATE THE FRAME AND LET IT STAND IN SUNLIGHT UNTIL DRY.

Follow these steps to deflate frame:

Using the High-performance pump and small hose attached to Frame's valve:

- 1) First remove the grey plastic valve cover (located next to the safety instructions) by turning it counterclockwise.
- 2) Connect the air pump to the valve. Insert the adapter end of the pump hose fully into the valve and turn clockwise, until you hear or feel it lock. Make sure the pump connection is made on the end of the pump **opposite** the switch (the switch end is for inflating the frame).
- 3) After plugging the pump into a power source, turn it on. Run the pump until the Frame no longer has air in it.
- 4) As the frame deflates, guide the top of the frame so it folds back onto the back support tube. It is easier to facilitate proper positioning if one person controls each of the top corners. Allow the frame to settle neatly with each leg taking its natural fold. Position the top so it is on top of the back leg. Keep the frame as flat as possible so it will fold compactly. Fold from back to front to achieve a width of about 30-36".
- 5) Then roll the frame from the end opposite the inflation valve, taking care to keep it as compact as possible.
- 6) Store the frame and screen in the bags provided.

Cleaning

Cleaning the inflatable frame: Should the frame become soiled, it can be cleaned with a damp cloth. Do not use harsh cleaners on the frame. Should anything stronger than a damp cloth be required, use a product like 303 Aerospace Cleaner. Silicone based products, such as Armor All are NOT recommended, as they can make it impossible to patch the frame should a repair be required. 303 Aerospace Protectant can be used to protect the frame from the elements.

Cleaning the zip-in screen: Should the screen surface become soiled, the zip-in screen panel can be removed and machine washed, following these instructions: Machine Wash separately from any other garments or fabrics....Cold Water Wash on gentle cycle with mild detergent. No Bleach. Tumble dry on low or no-heat setting. The screen can be spot cleaned using cold water and mild soap.

Cleaning other components: Follow the instructions in the manufacturer provided manual.

Screen Frame Repairs

SMALL PUNCTURES AND TEARS

Note: Climate control will ensure optimal glue adhesion during repair process. If possible, relative humidity should be less than 70%, with temperature 64 to 77 degrees Fahrenheit.

1. Inflate the frame and locate leak.
 - Inflate frame very firmly to check for leaks. Use soap/water solution to check for pinholes. A glycerin/water solution will find the smallest pinholes.
2. Cut an oval or round shaped patch, approximately 2 inches bigger than the tear or puncture. Make sure there are no square corners (a quarter makes a good corner template).
3. Clean around the torn or punctured area on the frame with Acetone or rubbing alcohol, removing any sand, dirt, or soap used to locate leak. Make sure the area is clean and completely dry.
4. With the frame still inflated, place a patch over the problem spot and mark a faint outline around it for reference when spreading glue on the spot to be patched on the frame.
5. Spread a light layer of the supplied adhesive in your patch kit evenly over the back of the patch, and also over the marked area on the frame where the patch is to be applied. It is important that the glue is on both surfaces to create the proper bond.
6. After the glue has flash dried on both surfaces (approx. 30 seconds) press and stick the patch in place over the glue on the marked spot on the frame.
7. **Deflate the frame completely**, keeping the area to be repaired visible and on a flat surface. Make every effort to stretch all wrinkles around the damaged area to make the frame lay out as flat as possible.
8. **IMPORTANT** Use a heat gun (on low setting) OR a hair dryer to apply heat briefly to the patch and frame. Keep testing the area with your hand. You want the area to become hot, but not so hot that it blisters or damages the material. The heat will reactivate any glue that has dried prior to full adhesion.
9. Immediately after heating the patched area, use a flexible plastic card or old spoon, to firmly burnish over the patch on the frame. Make sure this is done on a flat surface where pressure can be applied.
10. After burnishing, allow the frame to sit untouched for at least 30 minutes, at which point the glue should be dry and the unit will be ready for inflation.
 - a. If you must inflate right away for a show and a heat gun or hair dryer is not available, burnish the patch in place without heat. It should hold for a few hours. Then, after the show you can

heat and permanently burnish the patch per 8. & 9. above. It is not necessary to remove and reapply the patch before heating.

NOTE: it is better to allow the frame to sit untouched over night if it does not need to be used right away.

The combination of heat and pressure welds the patch to the frame.

In the unlikely event you have a large tear, contact our office for further assistance.

Limited Warranty

Epic Outdoor Cinema, LLC. provides a limited repair or replacement warranty for products and agrees and warrants only that its products, identified by the category below, will be fit for their intended purpose, merchantable, and without material defect in workmanship and materials for the period and types of products specified as follows:

- A) Inflatable Movie Screen Frames manufactured by Epic Outdoor Cinema, LLC:** Three (3) year from the date of shipment to the Client.
- B) Removable Movie Screens manufactured by Epic Outdoor Cinema, LLC:** Three (3) years from the date of shipment to the Client.
- C) Customized Console configured by Epic Outdoor Cinema, LLC:** One (1) year from the date of shipment to the Client.
- D) Other Equipment (not manufactured or modified by Epic Outdoor Cinema, LLC):** No warranty of any kind is extended by Epic Outdoor Cinema, LLC, but Epic Outdoor Cinema, LLC will, to the extent it can legally and contractually do so, assign to the Client, at the Client's request, all warranties on such Other Equipment, if any, offered by the manufacturer or supplier of such Other Equipment.

All requests of the Client for warranty work and replacements are subject to product inspection.

Ordinary wear and tear will not invalidate Epic Outdoor Cinema, LLC's limited warranty, but misuse, improper handling or storage, setting up on rough surfaces without protection from abrasion, improper repairs, improper maintenance and care, or accidental, abusive or negligent treatment of the product will invalidate Epic Outdoor Cinema, LLC's warranty.

The Client must use anchors, stakes, and tie-downs (refer to the Owner's Manual) at all times to ensure the safety of users and the equipment. This warranty is not a guarantee that the product will not through use, handling and storage develop tears or punctures from time to time, the repair of which is the responsibility of the Client. If a returned product is evaluated and found defective, and the warranty for such product is in force, Epic Outdoor Cinema, LLC will bear the cost of shipping the repaired or replaced product to the Client; otherwise, all shipping costs will be borne solely by the Client. No statement, remark or representation of any employee or agent of Epic Outdoor Cinema, LLC may vary this Limited Warranty unless in writing and signed by the Managing Director of Epic Outdoor Cinema, LLC.