

CineCurve

O W N E R ' S M A N U A L



To the Owner

Installation Instructions

Screen Care

Maintenance

CCV-0406

TO THE INSTALLER: BE SURE TO LEAVE THIS MANUAL WITH THE OWNER.

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Congratulations on your purchase of one of the finest optical viewing screens available anywhere in the world!

Please take a moment to review this manual, it will help ensure you many years of trouble-free service from your new Stewart Filmscreen product.

About the CineCurve

Your CineCurve features a 2.35:1 aspect ratio to allow full enjoyment of images in this dramatic, super-widescreen format produced by a projector with an anamorphic lens.

To accommodate other aspect ratios, the CineCurve features a masking system. The screen maintains a constant vertical height, while the electronically controlled side masking panels create the right screen area for viewing images projected in different aspect ratios: from its native CinemaScope to NTSC 4.3, widescreen, and HDTV 16:9 formats.

A side trim cover is available as an option.

The frame acts as a projection overscan border. The VeLux finish is designed to absorb any overscanning.

BRIC

The CineCurve uses the Stewart Filmscreen BRIC for operation of the masking motors. You can preset several masking positions to achieve desired aspect ratios.

Refer to the BRIC manual for more information on installing the BRIC and operating the masking motors with the BRIC.

PREPARING THE INSTALLATION

Preparation

Specifications regarding the individual screen dimensions, weight, mounting type, and controls are provided by the factory when the unit is ordered. Before beginning the installation:

- ◆ Check the specifications for the frame and mounting to be used.
- ◆ Prepare for electrical access.
- ◆ Check the size and weight of the screen to be installed so that you can plan for the number of people required for the mounting procedure. You need at least two people to mount the frame and attach the screen.

You will need:

- ◆ Gloves, for handling the screen
- ◆ Ladders for the personnel supporting the screen during the mounting process, as needed
- ◆ A level
- ◆ Fasteners appropriate for the surface on which the screen is being mounted
- ◆ Drills for making holes to attach brackets to the mounting surface, as needed
- ◆ Tools for tightening fasteners, including a hex head wrench

Note: Bolts and other fasteners for the screen are standard gauge and sizes used in the U.S., regardless of where they will be installed. For this reason, the sizes are expressed in inches rather than metric measurements.

Unpacking

Be sure to unpack carefully in a clean area. Use special care when handling the screen so that it does not become soiled or damaged.

CineCurve components

This section identifies the principal components of the CineCurve. The unit is shipped in several sections: the left and right sections, each with a motor assembly on the outside, plus a center section.

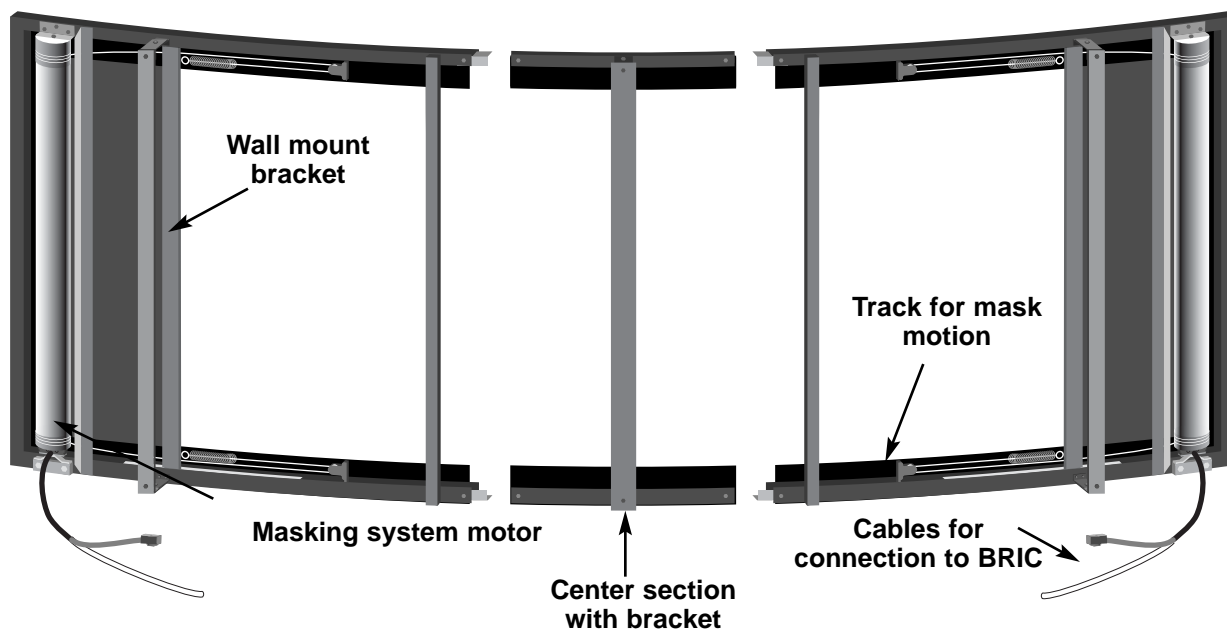


Figure 1. CineCurve Components, rear view

FRAME ASSEMBLY AND WALL MOUNT

Professional mounting techniques should be used. Stewart Filmscreen Corporation cannot be liable for substandard or faulty installations.

This section describes assembly and mounting of the CineCurve frame. Refer to Figure 2.

1. Assemble the frame by fitting together the slip joints of the side sections and center section. The sections are number matched. Secure the sections using the supplied hex head bolts.
2. Attach the center wall mount bracket to the frame.
3. Mount the frame to the wall. If possible, attach to wall studs. Alternately, use hollow wall anchors or molley bolts appropriate for the weight of the screen and frame assembly.
4. Make sure the frame is level and plumb.
5. Ensure that after you attach the screen you can access the motor and encoder cables for attachment to the BRIC controller.
6. When you are ready to connect the motor and encoder cables, refer to the BRIC manual.

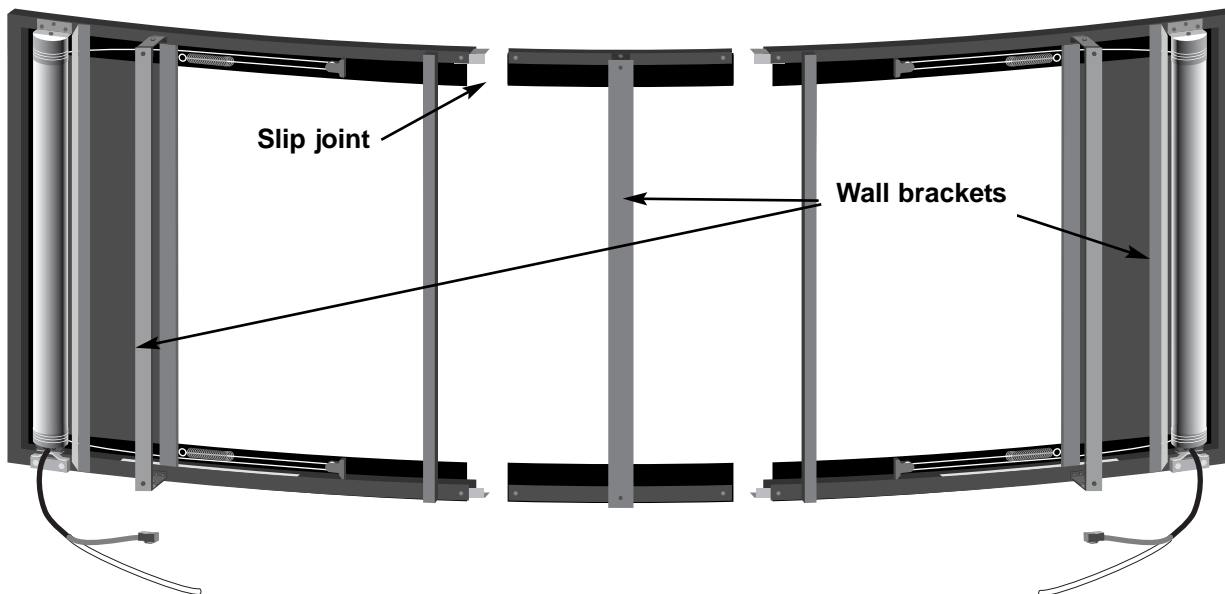


Figure 2: Unassembled frame; rear view

ATTACHING THE SCREEN TO THE FRAME

This section provides instructions for attaching the screen to the frame.

Caution

- ◆ **Be sure your hands and clothing are clean. Use of gloves is recommended. Be careful not to touch or scratch the image surface with fingernails.**
- ◆ **Do not use any tools to fasten the screen to the frame.**
- ◆ **Do not fold or crease the screen.**

You will need at least two people, one to support the screen, and one to snap the screen in place. The viewing side of the projection screen is rolled to the inside to protect the optical coating. The screen is rolled lengthwise, with protective paper rolled in with the screen. The screen fabric attaches to the frame with snap fasteners.

1. Remove the screen from the cardboard shipping tube.
2. Look at the frame and locate the snaps.
3. While supporting the screen roll, snap the screen into the frame starting at the top left. Gently allow the screen to stretch onto the snaps. **Do not** jerk the material, as it can rip. Refer to Figures 3 and 4. Attach the snaps on the top corners and top horizontal section first, unrolling the screen as you go. Attach remaining snaps.

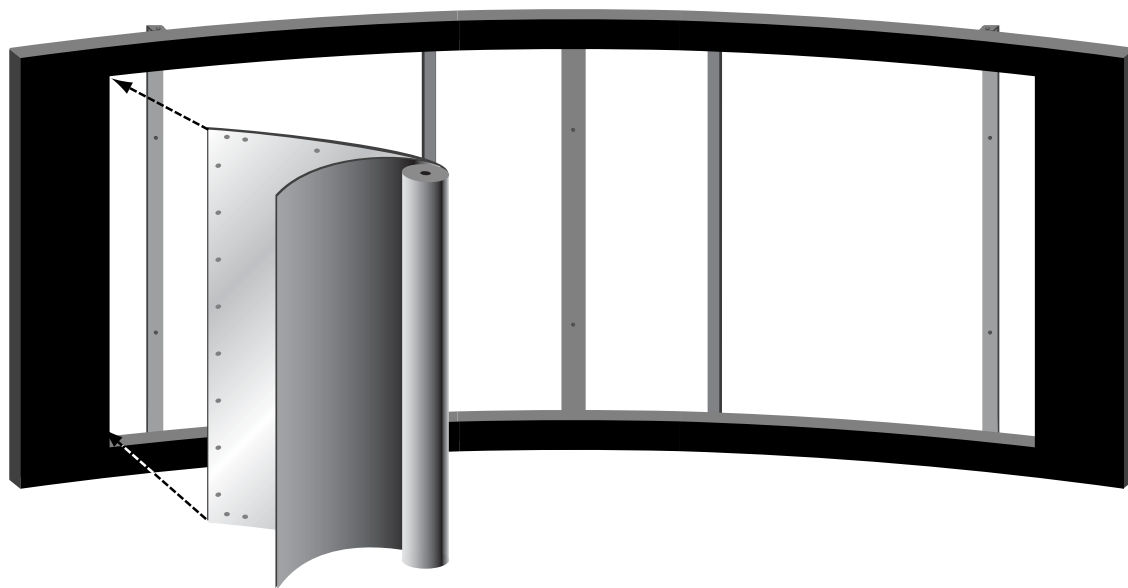


Figure 3: Unrolling the screen for attachment to the frame

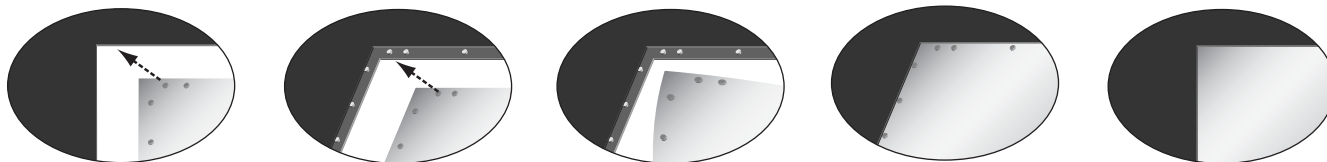


Figure 4: Details of screen attachment

OPERATING THE CINECURVE

CineCurve operation is controlled by a Stewart Filmscreen BRIC. Refer to the BRIC manual for details. You can use either a hand-held remote control or a wall mounted keypad to operate the masks.

Caution

Keep objects and fingers out of the way of the masks when they are in motion.

SCREEN CARE AND CLEANING

General maintenance

The surface of your screen is delicate. Special attention to these instructions should be followed when cleaning.

- ◆ A draftsman-style brush may be used to lightly whisk away any loose dirt or dust particles. (This type of brush is usually available at office supply stores.) Stewart Filmscreen has an optional screen cleaning kit that contains the proper type of brush. Contact your dealer if you would like to obtain this cleaning kit.
- ◆ For tougher spots, use a solution of mild detergent and water. Rub lightly using a sponge. Blot with a damp sponge to absorb excess water. Residual water marks will evaporate within a few minutes.

Do not use any other cleaning materials on the screen. Contact the factory if you have questions about removing difficult spots.

Caution

Do not use chemicals or liquid to clean the fabric.

VeLux covering

- ◆ Use a lint roller to remove particles from the VeLux material.
- ◆ A brush can be used to comb (lift) the nap of the VeLux material to help eliminate depression marks.

Replacement parts and service

No user-serviceable parts are contained within the unit. Contact your dealer or the factory if you require part replacement or service.

PRODUCT WARRANTY

This warranty covers defects in materials and workmanship for a period of one (1) year from the date of installation, not to exceed fifteen (15) months from the date of shipment, provided this product is installed in a normal environment and maintained according to written instructions in the product Owner's Manual. Stewart Filmscreen warrants against loss of usefulness, discoloration or deterioration of optical quality within the warranty period as a result of manufacturing or material defects.

A factory authorized returned screen arriving prepaid to our facility for inspection and proved defective due to an inherent manufacturing fault will be repaired or replaced by Stewart Filmscreen Corp. This warranty expressly does not cover any costs of removal, installation, framing, or other incidental costs to replacing the screen or returning it to the manufacturer.

Should you encounter a perceived product fault or problem, contact your dealer regarding application of this warranty.

TROUBLESHOOTING

With reasonable care, you may expect many years of trouble-free use of your Stewart projection screen.

Refer to the following guidelines if you encounter a difficulty in the operation of your Stewart Filmscreen. Problems related to electrical or motor function may require a qualified service person or electrician.

Should you have a problem that is not addressed here, call the Stewart Filmscreen Corporation.

Problem description	Probable cause	Action to take
Dirt, finger prints, marks, etc. on screen surface.	Improper handling of screen.	Brush off or use a mild detergent solution with clean rag or cotton swab.
Motor chatters when power is activated.	Can be caused by voltage drop, bad connections, or a defective switch.	Have an electrician or qualified service person check all hook-ups including all outboard wiring.
When retracting the masks, grinding noise occurs.	Drop in voltage.	Motor requires full voltage. Have an electrician or qualified service person check available voltage.

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