

# Model Cabaret Electriscreeen

*Installation Instructions & Owner's Manual*

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To The Installer: Be sure to leave this manual with the owner

# Installation Instructions



## Inspect :

Inspect the box for obvious damage. Make sure the product box was delivered in proper condition and all the fragile labels were honored. If the box looks to be in bad shape; straps are broken, corners caved in, or there are obvious bends or intrusions in the cardboard packing material, please indicate the damage clearly on the Bill of Lading before signing and accepting shipment

or refusing. Please inspect the product within 48 hours of receipt. If damage is observed please call your dealer or Stewart Filmscreen Corp immediately. Leave the product in the package unless advised to remove it.

## Confirmation :

Locate both shipping labels to insure that the correct product was delivered to the correct person/company/corporation. Also, the top main label has the product weight information on it. Be sure to use proper lifting techniques to avoid injury to personnel or damage to the box and product.

## Cut :

Nylon straps are to be cut only.

To insure that the product is safe inside, do not attempt to rip or pull off the straps. This will most likely damage the packing box and/or the product components.

## Open :

Remove tape and staples. Fold the box open and look inside.

# Installation Instructions



## Check:

Inside the box are the main Cabaret unit, the LED light bar (OPTIONAL), the controls and the owner's manual.



## Control box :

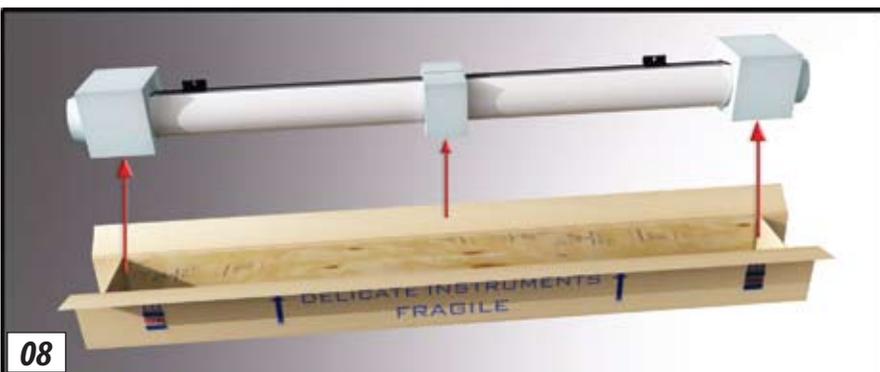
Both the Cabaret unit and the LED bar comes with different control systems, depending on what type of package was purchased. Check your order and verify that the correct controls were sent to you.



**Be sure to read this instruction manual completely before proceeding.**

## Unwrap :

Gently, remove the protective wrap off LED lighting if applicable. Insure that the LED lighting looks in good order.



## Removal :

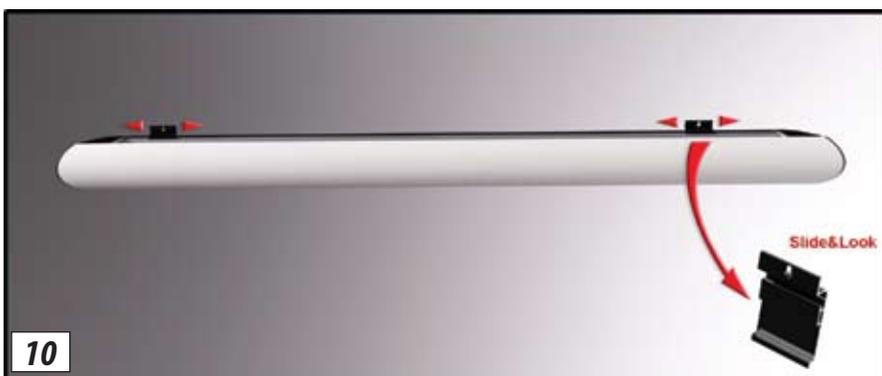
Remove the Cabaret unit from the box. Be sure to use proper lifting techniques to avoid injury. Cabaret unit should be lifted straight up and out of the box. Avoid turning the unit on end.

# Installation Instructions



## Packing Removal :

Remove the packing material from the unit by sliding the end packing and center support packing off. Remove plastic wrap and stretch wrap from unit. Do not remove batten retainers at this time.



## Mounting Options:

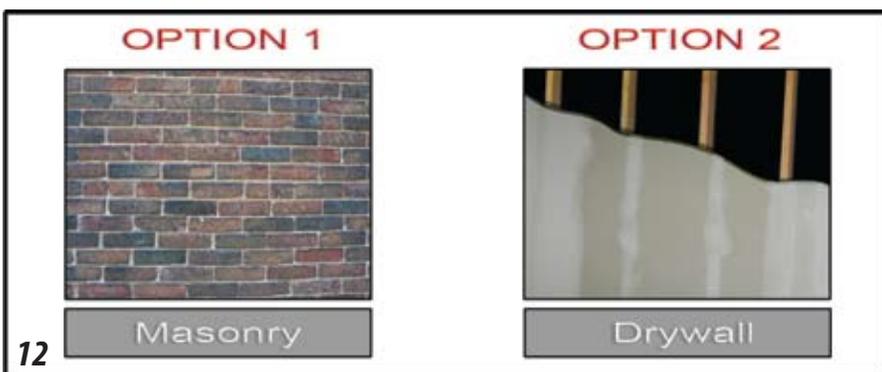
Check your invoice to see if you ordered the extended mount option, if not the wall mount on the Cabaret is standard. For the flat wall mount proceed to next step and for extended bracket skip to image # B1. The flat wall mount brackets are adjustable left to right. Loosen bolts holding the bracket in place to move.



## Mounting location:

Determine where you want the top of the projected image to be.

Y= amount of top masking.  
 $X = Y(\text{top masking}) + 6 \frac{5}{8}''$  (case height)  
Z= amount of space for LED light wash.  
If the unit has LED bar, then Z= 6 Inches or more of clearance.



## Wall types :

Determine the type of wall construction.

# Installation Instructions

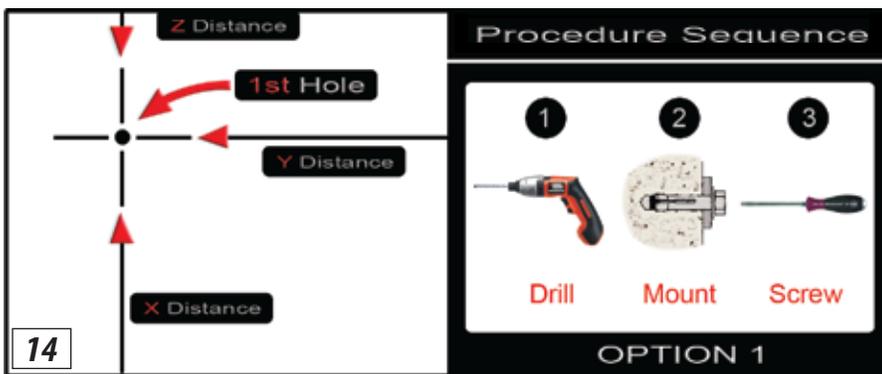


## Mounting hardware :

Determine suitable anchors for your wall type.

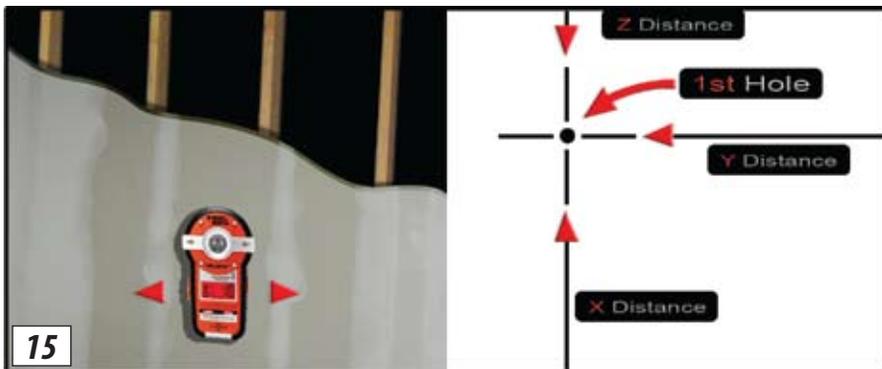
Each anchored screw should support a minimum of 65lbs (30kgs)

**(Hardware not included)**



## Masonry mount :

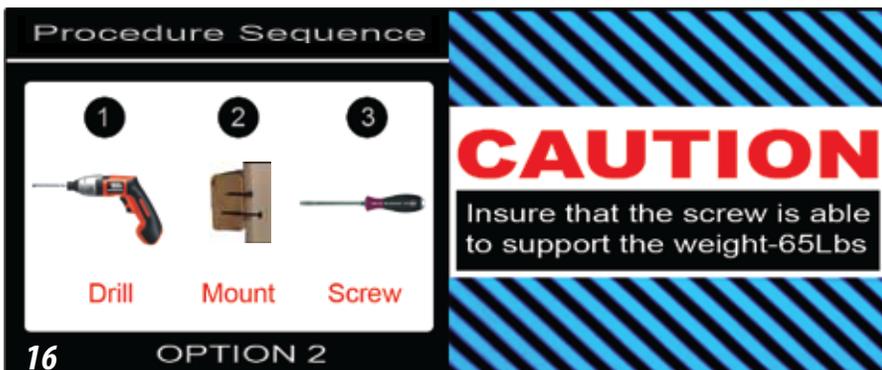
The first hole is determined by the projected image in relationship to the mounting hole on the Cabaret unit (reference image 11). After finding the screw hole location, drill, mount anchor, and screw the screw in the wall about 90%. Leave space for the keyhole on the unit to slide over the screw freely.



## Drywall mount :

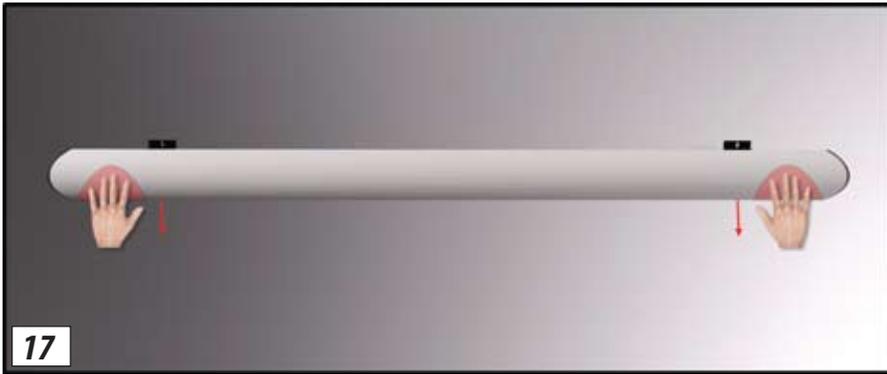
The first hole is determined by the projected image in relationship to the mounting hole on the Cabaret unit (reference image 11).

Find your stud location, and slide the Cabaret mounting bracket to match the keyhole to the first mounting hole.



After determining your screw hole location, drill, mount anchor, and screw the screw in the wall about 90%, leave space for the keyhole on the unit to slide over the screw freely.

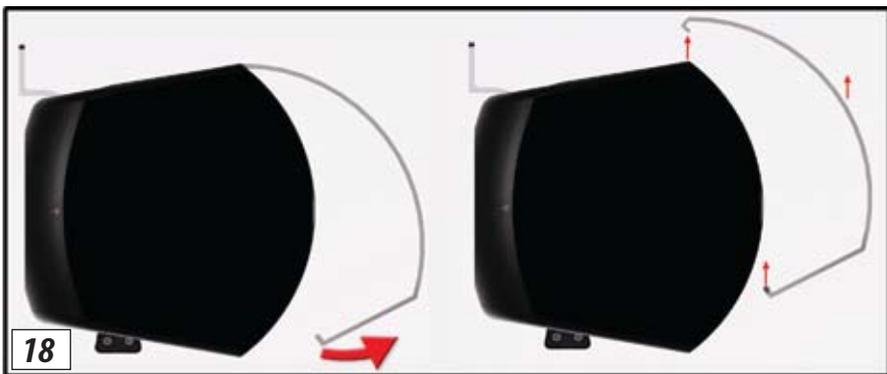
# Installation Instructions



## Front valance removal :

Remove acrylic top piece and protective paper. To remove the front valance place your hands at the very ends of the unit, reach inside the batten cutout with your hands and pull down to release the cover.

Swivel the valance outward on the top hook rail, and then lift the valance away from the unit.



**Caution:** Do not pull on the valance from the center of the unit to try to release it, this may cause damage to the unit.

## Mounting the unit :

**Caution:** Now that the front cover is removed, do not handle the screen material or batten only touch the case. Place the unit on the screw in the first hole anchor. With the unit attached to the first anchor, swivel the Cabaret unit using the spirit levelers as a guide to find the position of the second hole and mark the location. Remove the unit off the wall now, place it away from the work area so no damage can be done to the screen material or the case. Proceed to mount a screw in the second hole position. Reference images 14-16 for help if needed. Now with the unit in the desired location tighten both screws down to secure the Cabaret unit in place.



## OPTIONAL OFFSET BRACKET



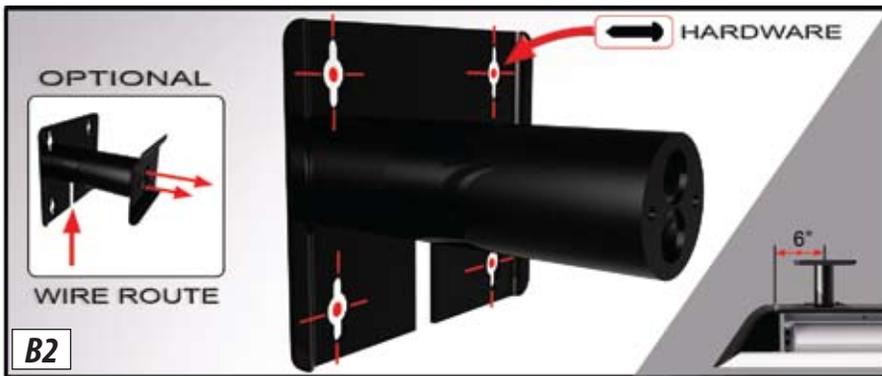
## Offset Bracket :

The offset bracket comes in 3 pieces. The Wall Plate, plastic cover, and clip.

Decide how you are going to wire the unit. Wiring may optionally run through the offset bracket into a wall box.

The slot on the wall plate is for optional wire routing. This slot must be oriented either up or down.

# Installation Instructions



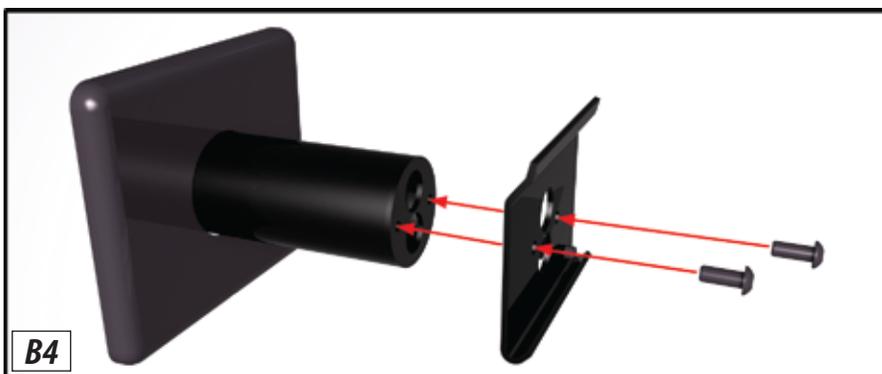
Locate wall studs. The center of the bracket should be no more than 6 inches away from the end of the backbone rail. Two holes of the wall plate must be mounted to a stud or otherwise suitably anchored. The other two holes should be secured to the wall. Mount wall plate to wall using appropriate hardware.

**(Hardware not included)**  
**Reference image #13**



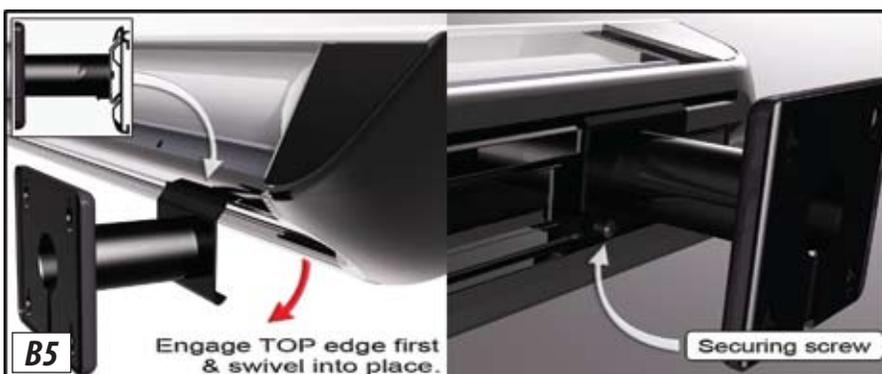
## Placing Cover :

Slide plastic cover over the plate and snap it into place.



Attach clip to end of wall plate with two 1/4-20 hardware provided.

Orient the clip such that the ends are up.

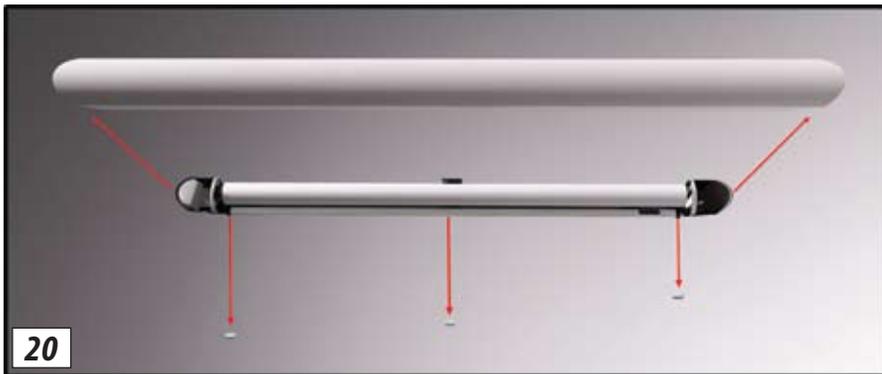


## Mounting Unit :

Clip the Cabaret back rail to the mount.

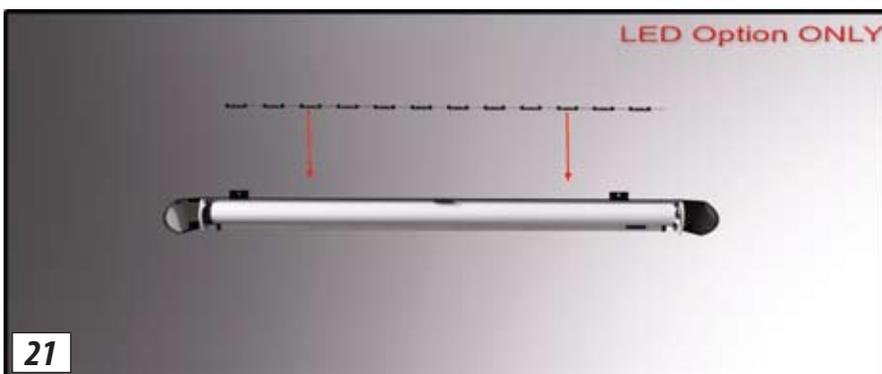
Secure clip to unit, using the provided 1/4-20 Screws and a 5/32 size Allen key.

# Installation Instructions



## Batten packing removal :

With the front valance removed proceed to remove batten retaining foam blocks.



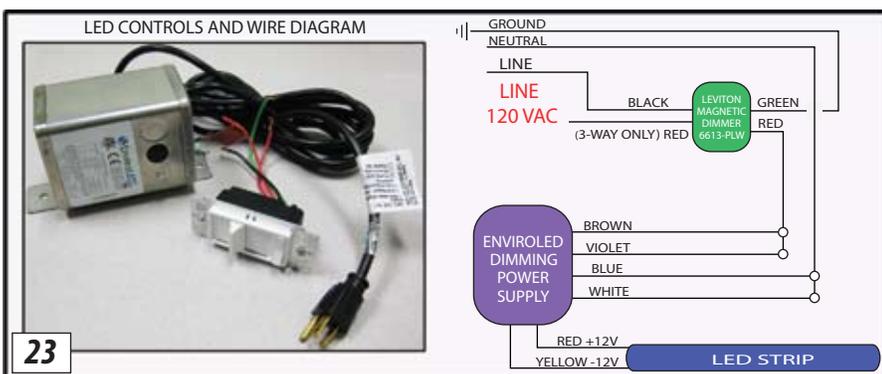
## LED lighting :

If you have a light bar, drop it into the back of the top side of the Cabaret unit. The leads for the LED should be on the audience left unless otherwise specified.



## Powering up the lighting :

Using the diagram below, wire up the dimmer switch for the LED lighting.



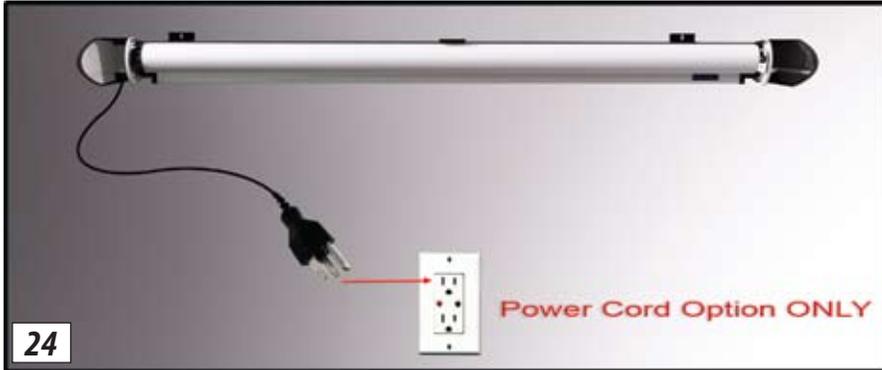
## LED wiring :

This is a three component system; LED strip, power supply, and dimmer switch.

A larger, more detailed wiring diagram can be found in the back.

**Caution:** Use the correct voltage for the unit (110V) or (220V -with transformer) depending on your purchase.

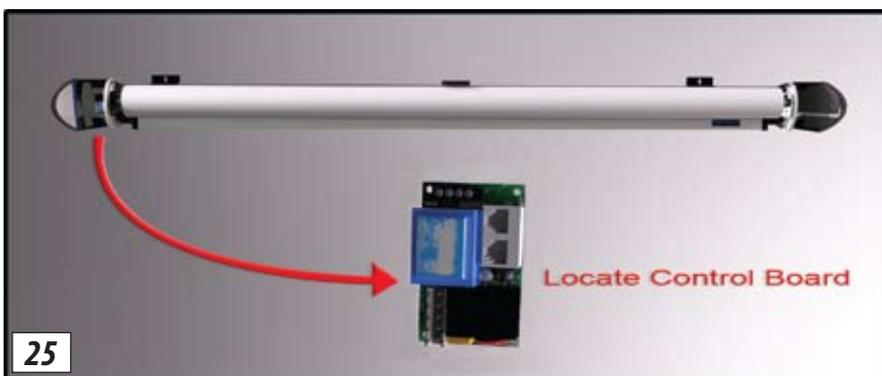
# Installation Instructions



## Powering up the unit :

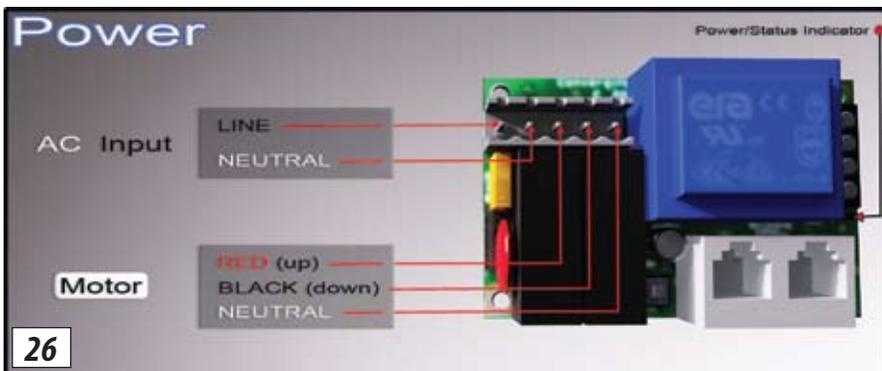
Plug the power cord into the wall outlet.

**Caution:** Use the correct voltage for the unit (110V-220V) depending on your purchase and your location.



## Locating control board :

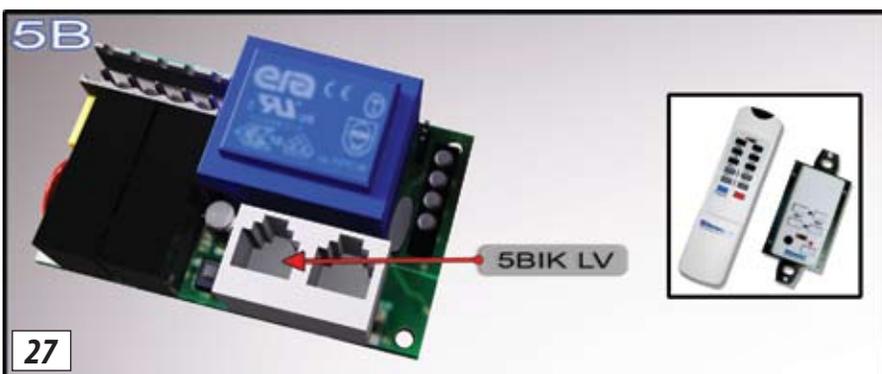
On the audience left side of the Cabaret unit, inside the cast aluminum end piece, you can locate the control board.



## Power for Control Board (IMC):

Power diagram on the left allows you to power up the unit directly.

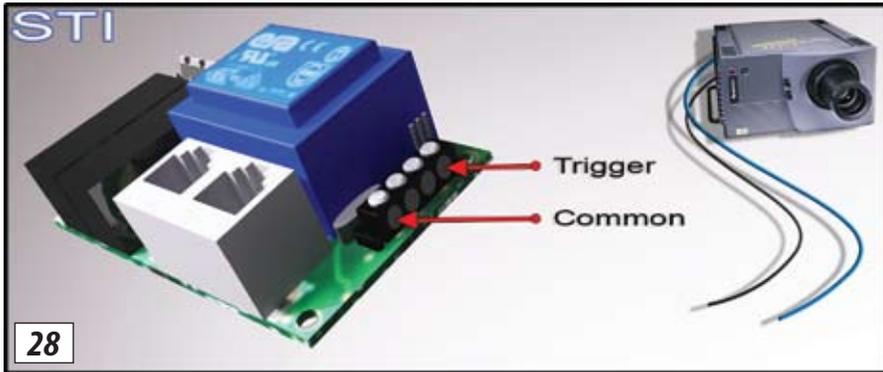
**Caution:** Use the correct voltage for the unit (110V-220V) depending on your purchase and your location.



## Controls (IMC): 5 Button Intelligent Keypad (LV)

Locate CS-bus socket on the lower right side of the control board. Connect controls through the CS-bus port for the low voltage 5 button switch. With this option, you can control the screen functions remotely through an on-board IR receiver.

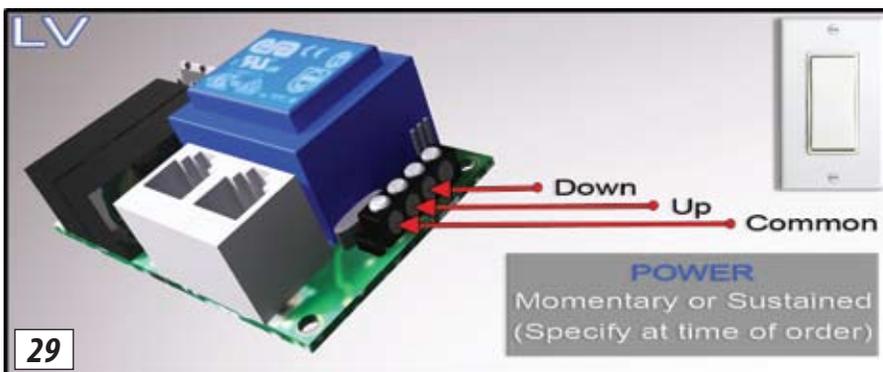
# Installation Instructions



## Controls (IMC): STI

Locate controls socket on the right side of the control board. Connecting controls for STI will allow the user to deploy and retract screen base on projector output trigger.

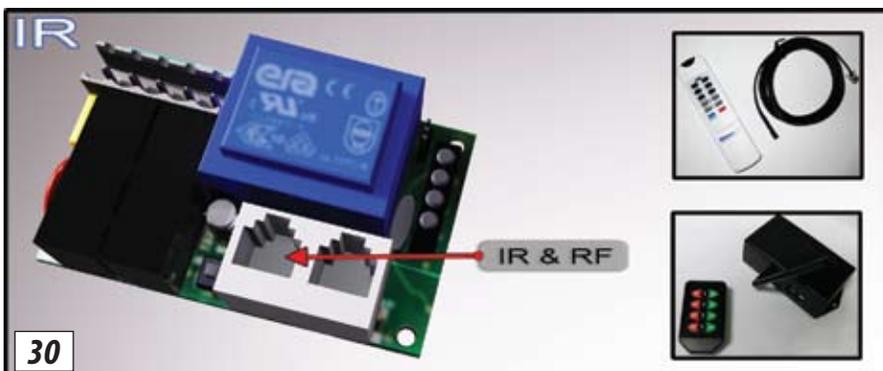
STI range is 3-15 V DC (10 ma min)



## Controls (IMC): Low Voltage

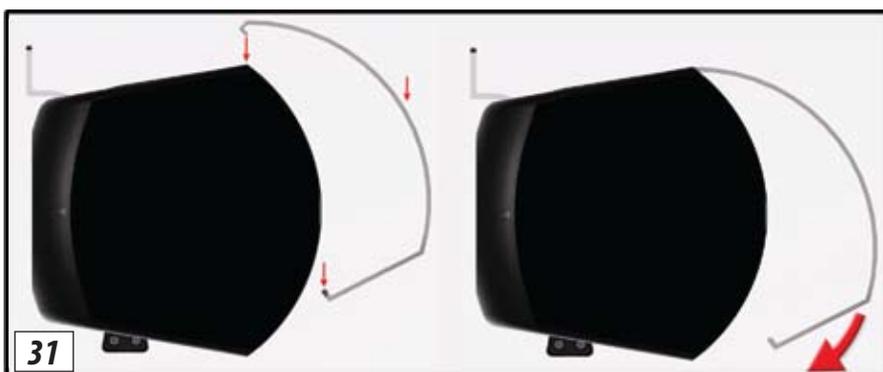
Locate controls socket on the right side of the control board.

Connecting controls for LV will allow the user to deploy and retract the screen from a wall mounted switch.



## Controls (IMC): IR and RF

Locate CS-bus socket on the lower right side of the control board. Connecting controls through CS-bus for both the infrared or radio frequency control units. With this option, you can control the screen functions either through infrared or wirelessly.

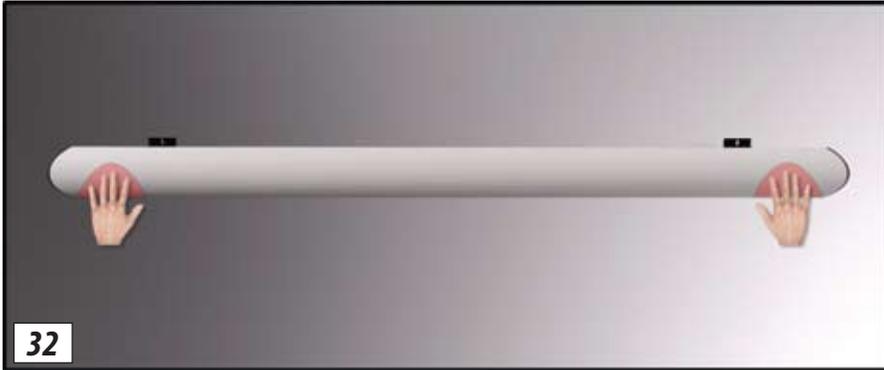


## Front valance reattachment:

Carefully align the top edge on the hooks located at the center and ends of the case. Verify that the top of the valance is flush with the top of the end caps and aligned left to right.

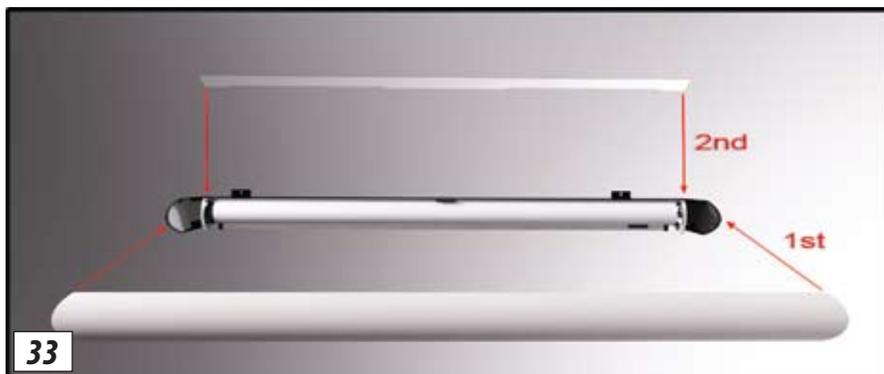
# Installation Instructions

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Firmly press on the bottom of the valance near the ends to snap valance back into place.

**Caution:** Do not push on the valance from the center of the unit to try to attach it, this may cause damage to the screen.



## Placing acrylic :

After replacing the front valance, place the acrylic on top of the case.



## Screen deployment :

Using your screen control system, deploy the screen.

Verify that the unit is in working order.



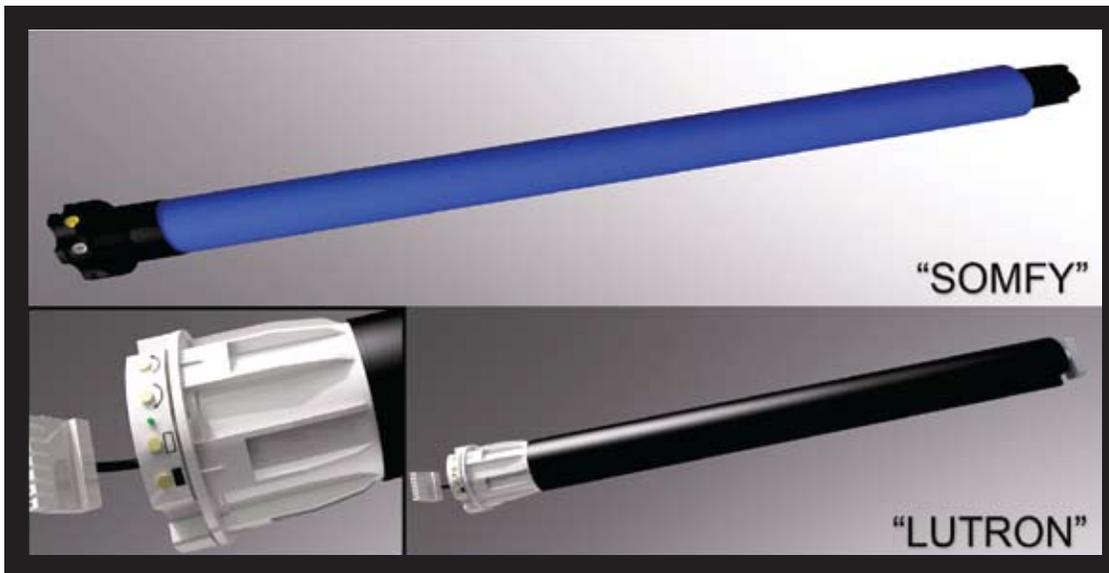
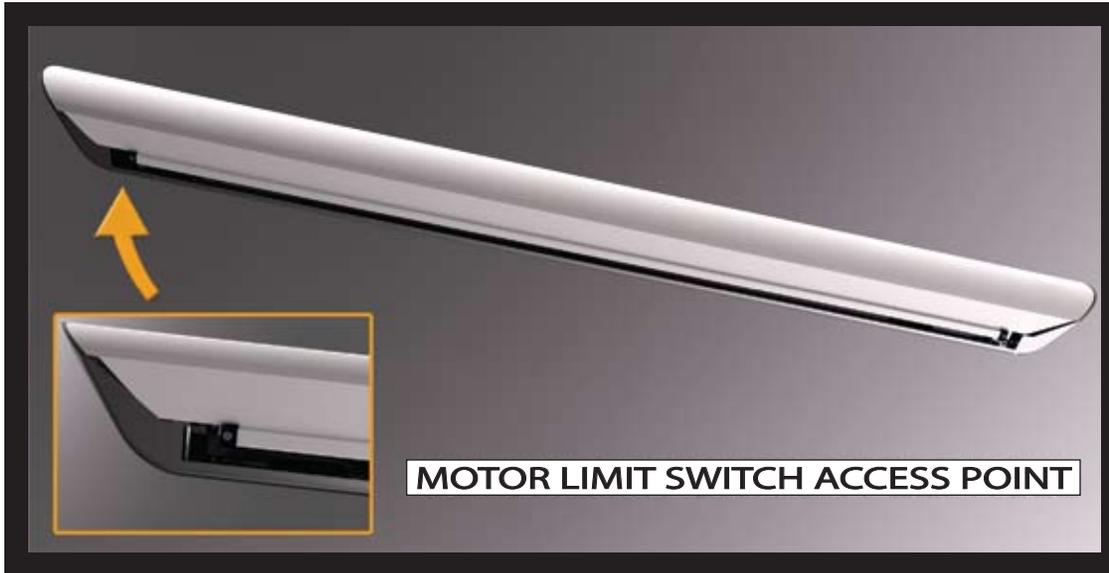
## ENJOY!

Thank you for your purchase.

Reference the manual for warranty and maintenance information.



# Motors Limit Adjustments



## Locating the motor limit switch:

Inside the left bottom of the Cabaret unit one can locate the motor limit switches. Depending upon what type of motor you have the switches will vary therefore locate motor type below. Start by locating the end of the motor on the left. Remove the unit front Valance for better access, if necessary.

## Caution:

The extension and retraction limit switches have been preset at the factory. In general, we advise you to avoid readjusting these switches.

## Somfy motor:

- Yellow switch is to adjust the retracted position.
- White switch is to adjust the deployed position.

Using the two colored limit switches; Adjust the limit using a 5/32 or 4mm Allen key. To set the retracted limit start with the screen at a mid way point, turn the (yellow) switch Clockwise to reduce settings. With power applied to the motor in the up direction turn the switch Counterclockwise to increase settings. Follow the same steps for deployed limit (white) switch.

## Lutron motor:

The  button is to adjust top limit and  button is for the bottom limit adjustment. Select  or  and the LED in the center will turn on steady, indicating the motor is in "Set Limit Mode." With the ↶ or ↷ move the screen to the desired position. Press & hold  /  for 5 seconds, the LED will flash for 2 sec then go dark, indicating the current position has been set.

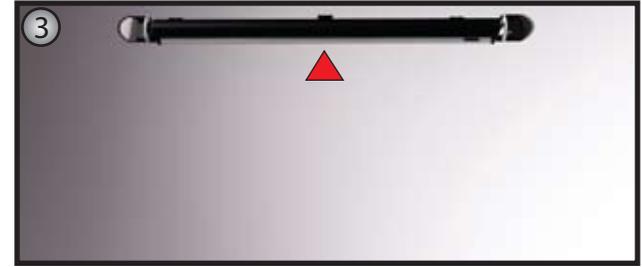
# Motors Limit Adjustments "Somfy"



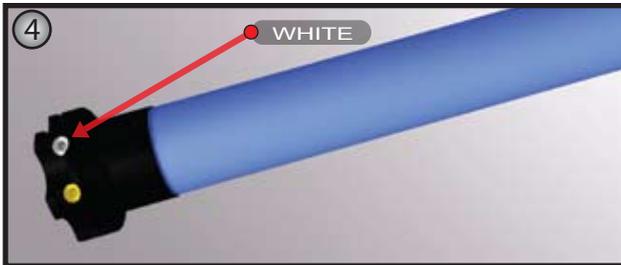
Start off by deploying the screen to the factory settings, and turn on projector. Only if the projector settings are fixed then you would want to reset the screen drop.



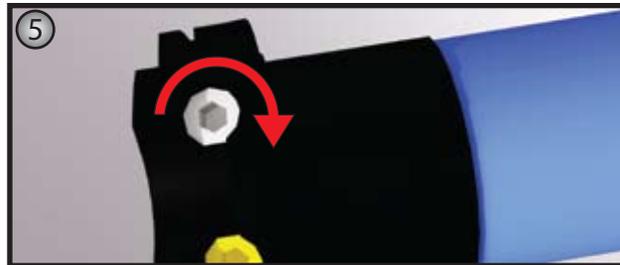
The projected image in relation to the screen area is incorrect. There is a need to raise the screen to correct deployed position.



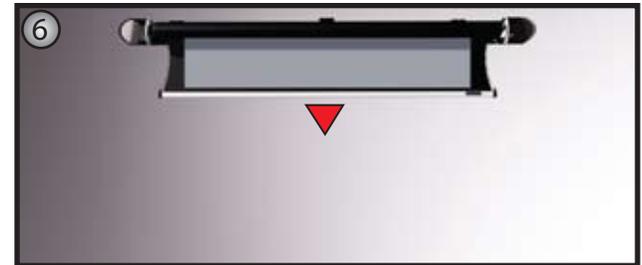
Retract screen to close position and get access to the motor limit switches found on the left side of the Cabaret by removing the front valance. Ref manual Images; #17-19



With the cover removed locate the motor (Somfy type in above image). Locate the two limit switches on your left, the white switch will be used to reduce screen drop.



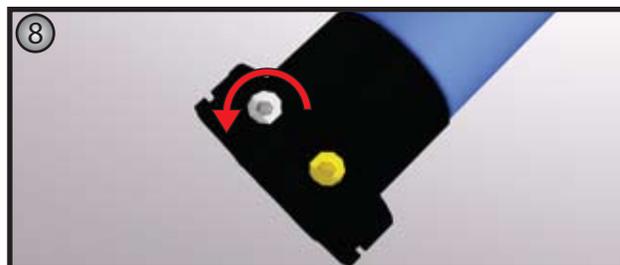
Using a 5/32 or 4mm size Allen key or a small flat head screwdriver rotate the white switch clockwise approximately five to six turns to reduce the settings.



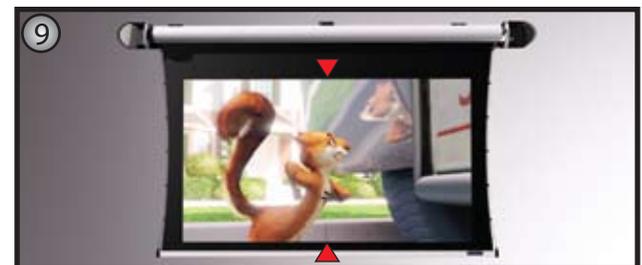
Deploy the screen and check your settings. The screen location will be higher then the original position.



Locate your screen controls and flip the switch to the screen for the deployed position, so that the motor will be receiving AC power.



Using a 5/32 or 4mm size Allen key or a small flat head screwdriver rotate the white switch counterclockwise to increase screen drop.



With the screen in the corrected position switch the screen motor power off. Reattach front valance to the Cabaret unit, ref manual image; #31-33 and you are done.