

Thank you for purchasing a Screen Technics projection screen. Please read the following instructions before installing this product.

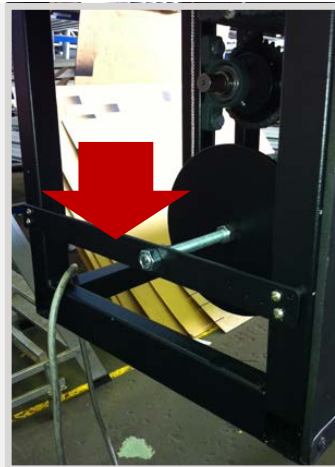
## INSTALLATION

**STEP 1.** This screen requires five sets of bracket attachment points, with the outer set on each end of the head-box mounted no more than 300mm in from the end.

**STEP 2.** Position screen case underneath chain blocks for raising into position. Raise it about one metre off the ground.

**STEP 3.** Remove steel bracket with threaded rod insert at each end. \*\*\*This item is purely for preventing damage in transport\*\*\*

- i. Loosen nuts at each end of threaded rod
- ii. Loosen all nuts on both sides of bracket at each end.
- iii. Remove bracket, threaded rod and roller support ring.
- iv. Attach MDF covers to each end of the projection screen (packaged on top of screen case).



**STEP 4.** Screw on left- and right-hand timber covers.

**STEP 5.** Raise screen into position and secure.

**STEP 6.** Use a test lead or some sort of manual switching device to wire the screen so you can instantly turn it off if required.

**Please note a licensed electrician must carry out the electrical connection.**

## WIRING

Brown	Active Up
Black	Active Down
Blue	Neutral
Green	Earth

240V 50Hz motor - Draws 4 Amps

**STEP 7.** Please check the wire is lying flat on the bottom roller and sitting in the grooved nylon drums at the top before lowering the screen. Do not proceed if this is not the case

**STEP 8.** Lower the screen, carefully checking the cable is tracking correctly.

**STEP 9.** If you need to adjust the bottom limit to fix the lowest position, please follow these instructions:

- i. Make sure the switch is in the 'OFF' position.
- ii. Fully depress the yellow push button on the motor and release, then carefully lower the screen to the desired bottom position. Press and release the yellow button again to program the limit position. This will automatically lock in the down position.

Please note no one should be beneath these devices during day-to-day operation.

**NOTE: Change the setting of the bottom limit switch with extreme care, as an incorrect setting can cause substantial damage and will not be covered by warranty. If you have any concerns regarding setting the bottom limit, please contact Screen Technics on + 61 2 4869 2100.**

Once the bottom limit is set, run it up for one metre and then back down, to make sure the limit is stopping at the correct position.

**STEP 10.** Roll the screen up, making sure that the top limit activates at the correct position. This top limit has been factory set and cannot be changed without contacting Screen Technics first.

**This is the White Button. Do not depress this button under any circumstances.**

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**STEP 11.** Roll the screen up and down twice to make sure it is tracking correctly and the limits are set correctly.

**NOTE: You must let the motor cool for about 10 minutes after each up and down operation of the screen. Any marks on the screen's surface can be removed using a clean white cloth and soapy water.**

**STEP 12.** Please ensure no one is below the screen when it is operated.

**STEP 13.** Please inform the end user no one is to be below the screen when it is operated and request a sign to be put up to this effect.

Please **STOP THE INSTALLATION IMMEDIATELY** if you have any queries regarding any of the above and contact Screen Technics on: + 61 2 4869 2100.

## INSTRUCTIONS FOR PRE-INSTALLATION OF ELECTRICAL CIRCUITRY

### COMPONENTS SUPPLIED BY SCREEN TECHNICS:

- Three-position rotary switch.
- Facia plate - small
- Four-pin socket
- Mounting plate for four-pin socket.

The wiring logic is that neutral and earth wires shall be taken to the four-pin socket and a constant active is switched using the rotary switch.

Two active wires, one for down and one for up, are taken up to the four-core outlet. Industry convention is that codes on the rotary switch are A1 for active down and A2 for active up.

The screen operates on 240V, 50Hz and has a start-up current of about four amps and a running current of about seven amps.

If the rotary switch is changed for another style, source a switch type that gives a slight time delay when choosing between the down and up circuit. (An instant reversal will draw about 20A and can damage the motor.)

**CAUTION! PLEASE REMOVE BRACKETS, BOLTS AND NUTS FROM THE END OF THE SCREEN BEFORE OPERATING. FAILING TO DO THIS WILL CAUSE MAJOR DAMAGE TO THE SCREEN SURFACE.**

## MAINTENANCE AND SERVICING

Although this unit does not require any regular servicing, a yearly visual inspection of the device is recommended for the following:

**(Please note that no one should be beneath the device during this testing procedure, or in day-to-day operation.)**

1. Inspect the wire cabling for any fraying. Check the cable is sitting neatly on the cable winding drum.
2. Operate the unit fully down and up to ensure smooth operation. Inspect the fall arrestor mechanism attached to the upper winding tube for free travel every rotation (it will fall into place and make a clicking sound).
3. Look for any part of the device that appears to be faulty or failing.
  - Any faults in the screen surface
  - Any foreign body trapped in the roller
  - Any noise or wear on the chains or sprockets
  - Any abnormal noise or wear on bearings, connecting shaft or drums.
4. Ensure operating conditions that no person is beneath the screen when it is being raised or lowered. A sign to this effect must be installed.

Please immediately seek advice from Screen Technics should any concerns arise from these inspections. Ensure the device is inoperable until all matters are fixed.

Should you have any questions regarding the installation of our projection screens, please call our technical sales desk on +61 2 4869 2100 for assistance.