

Thank you for choosing the Screen Technics Screen Lowering Device. Please review the following points to ensure that the system can achieve your requirements in reference to travel distance, box installation and control issues.

DESCRIPTION

The Screen Lowering Device provides a solution for a high roofed installation whereby a motorised screen needs to be physically lowered into position prior to the actual projection screen itself being utilised for projection.

The system is contained within an MDF constructed box to house the lowering device as well as an ElectriCinema projection screen when in the up position. Utilising a winding cable drum the screen is lowered by steel cables while a separate spring operated cable management system is employed to handle power cords during travel.

INSTALLATION

The main box unit is designed to be installed into a ceiling space and utilises an integrated ceiling edge strip cover so no plaster or paintwork is required after the installation.

The unit could also be mounted behind a bulkhead or cross beam within the room, and therefore ordered without the ceiling edge strips.

The finish of the outside of the box is designed so that it is not visible to the user and must be hidden within the ceiling space.

The unit has 10 fixing points on units under 150". Utilising captive nut-serts - 3/8 Whitworth thread - for threaded brooker rod or eye-bolts (eye-bolts supplied) for chain suspension of the unit.

Please ensure that the structure that you intend to suspend this unit from is suitable for the purpose.

You should use all fixing points for a safe installation, with the end fixing points being the only points connected to internal steel bracketing these **MUST** be used in every installation.

CONTROL OF UNIT

Screen Lowering device is supplied with a pair of 240v Connect Motor Controllers, please see attached instructions for connection and control advice.

- For Projection Screen connection please use the grey flex power cord
- For Winch Unit connection please use the white flex power cord

WARNING

IT IS IMPORTANT TO REMOVE ALL TRANSPORT PACKAGING MATERIALS FROM THE UNIT BEFORE OPERATION. PLEASE NOTE THE PROJECTION SCREEN SLAT ROD IS TAPED ONTO THE SCREEN CANISTER FOR TRANSIT AND YOU WILL NEED TO OPERATE THE WINCH UNIT ONLY AT FIRST, TO LOWER THE SCREEN CANISTER, THEN REMOVE THE SLAT ROD TAPE, BEFORE LOWERING THE PROJECTION SCREEN.

PEOPLE SHOULD NEVER STAND BENEATH THIS DEVICE DURING OPERATION.

IF THE WINCH FAILS TO OPERATE IT MAY BE THAT THE FALL ARRESTER HAS ACTIVATED.

THE FALL ARRESTER CANNOT BE RESET. DO NOT ATTEMPT TO RESOLVE THIS ISSUE.

CALL SCREEN TECHNICS FOR ADVICE ON HOW TO PROCEED.

AS A SAFETY PRECAUTION DO NOT ALLOW PEOPLE BENEATH THE PRODUCT.

SPECIFICATIONS

The dimensions below are indicative of standard specifications, but custom solutions are available beyond stated specifications and these will alter the dimensions accordingly, so please seek clarification if necessary.

Please note the actual projection screen specifications are on separate documentation due to the diverse applications possible.

If the winch fails to operate it may be that the fall arrester has activated.

The fall arrester CANNOT be reset. DO NOT attempt to resolve this issue.

Call Screen Technics for advice on how to proceed.

Do not allow people under the product until this is resolved.

MAX TRAVEL	DEPTH	HEIGHT	LENGTH	WEIGHT
= Screen NPA* width	220mm	450mm	Screen NPA* Width + 395mm	100 TO 150KG

* NPA = NET PICTURE AREA

The Interfit Screen Lowering Device incorporates an ElectriCinema motorised projection screen. Please refer to the ElectriCinema brochure or Tech Sheet, to determine screen canister length please seek advice from our sales department.

The screen and lowering device drop is set and tested at the factory. Therefore, any damage caused to the screen from limit re-adjustment is not covered by warranty.

MAINTENANCE AND SERVICING

Although this unit does not require any regular servicing, it is recommended that a visual inspection of the device take place on a scheduled yearly basis inspecting for the following:

Please note that no persons should be beneath the device during this testing procedure, or in day to day operation.

1. Inspect wire cabling for any fraying, and that the cable is sitting neat on the cable winding drum.
2. Inspect the power cable that travels up and down with the screen to ensure no damage or tangling has occurred.
3. Operate the unit fully down and up to ensure smooth operation and inspect the fall arrester mechanism attached to the winding tube for free travel every rotation (it will fall into place and make a clicking sound).
4. A full visual inspection looking for any part of the device that appears to be faulty or failing.

Should any concerns arise from these inspections please immediately seek advice from Screen Technics, and secure the device so that it is not operational until all matters are resolved.

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.