



## Luna Motorized Screen User Manual

### General Notes

1. Thank you for choosing our projection screen for your home or business. Please read the user manual carefully before proceeding. Follow the provided instructions to complete installation quickly and safely.
2. Please ensure there are no other objects such as power switches, outlets, furniture, and windows occupying the space designated to hang the screen.
3. Make sure that the proper mounting anchors are used and the weight of the screen is supported. If you are unsure whether your mounting method can support your screen, please consult a home improvement specialist.
4. When not in use, retract the screen to protect the optical surface from dirt, dust, grime, or any other impurities.
5. When cleaning, use a soft damp cloth with warm water or diluted liquid detergent to remove any marks on the casing or on the screen surface.
6. Never attempt to use any solutions containing corrosive chemicals or abrasive cleaners on the screen surface.
7. To avoid damaging the screen, do not fold the screen or touch the screen directly with your hands, tools, or any other abrasive/sharp object.
8. Do not run the screen continuously for over 4 minutes as the motor has an anti-overheating function and will shut down. If this happens, let the motor cool down for 5-20 minutes and continue use.
9. Spare parts should be stored out of reach of small children in accordance with household safety.
10. Curvature will appear in the edge of fabric when fabric is extended completely. This is a common phenomenon and the curvature will gradually disappear after you hang the screen for about ten minutes.

### Safety Guide

1. Do not stand underneath the screen when mounting or hanging. Expansive bolts should be firmly attached and fixed into the wall or ceiling.
2. Be sure the ground wire is connected with the power cable to avoid electric shock.
3. Have two people present when installing the screen.

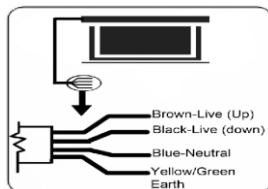
### Product Electrical Specifications

#### VOLTAGE

100V-120V, 60Hz or  
220V-240V, 50Hz

#### POWER

130W (max)



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*For service inquiries, contact  
(905) 581-7752 or  
[sales@elunevision.com](mailto:sales@elunevision.com).*

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## Packing List

- 1 screen
- 1 IR remote control
- 1 wall control
- 1 wired trigger control cable
- 2 wall brackets
- 2 hooks
- 1 adjustment tool
- 2 AAA batteries
- 1 instruction manual

## Installation Notes

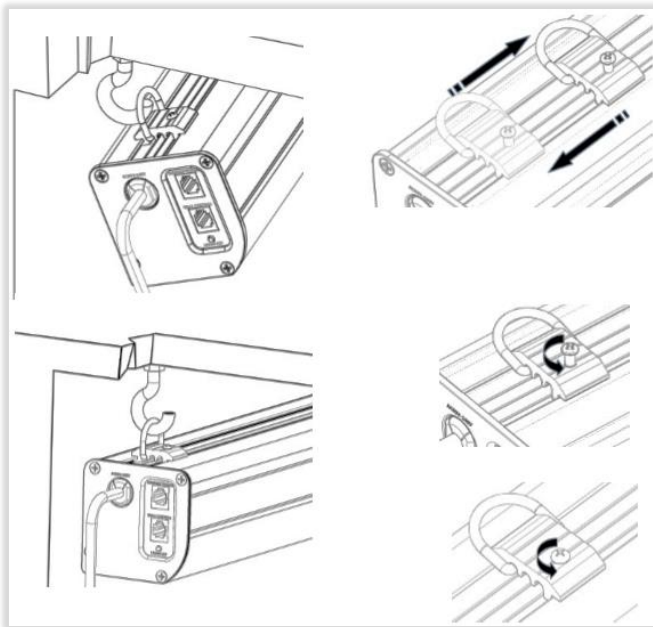
- An electric drill with drill and driver bits as well as a level are necessary for installation.
- Install the screen away from direct sunlight to keep screen material exposure to UV at a minimum.
- Install in a room without excess humidity.
- Only install the screen if it is in an electrically stable environment.
- Keep the screen away from devices (heaters, etc.) that cause large changes in temperature and humidity.
- Handle screen with care, avoid vibrations and drops.

## Installation Method

Install the screen in a location where the audience can see the whole screen when it is fully extended. The screen can be wall mounted or hung from a ceiling and users can choose the most suitable method according to their needs. Refer to your projector specifications and install the screen in accordance to the throw ratio of the projector. Ensure the right equipment is used for whichever chosen method. If unsure the hardware can support the weight of the screen, contact a home improvement specialist.

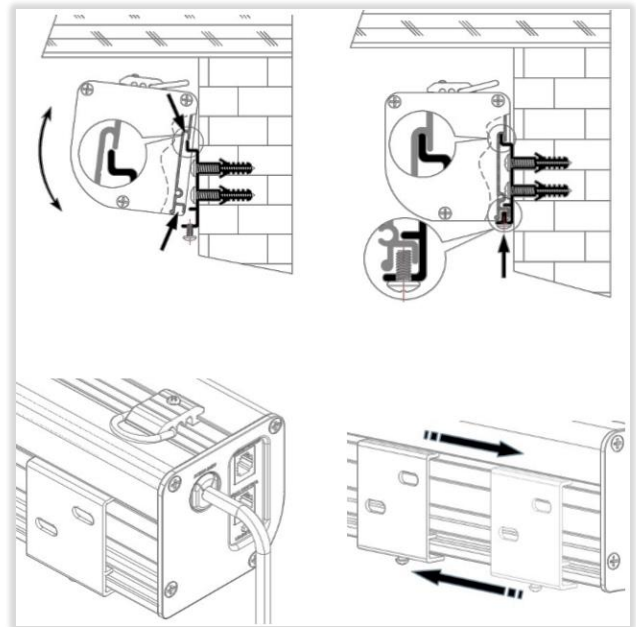
### MOUNTING TO CEILING

Drill holes for the screw hooks while ensuring the holes are in line with the desired screen location and that the holes are no further apart than the distance between the D-rings. Screw the appropriate screw hooks into the holes and hang the screen by the D-rings. Remove the screen without moving the D-rings and secure the D-ring bracket with screws until it no longer moves.



### MOUNTING TO WALL

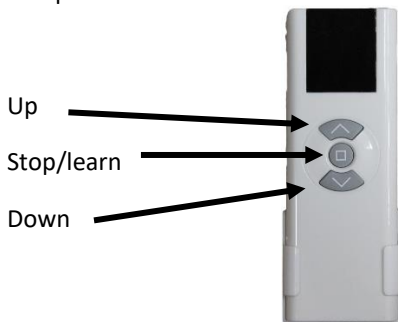
Secure the wall mounting brackets using appropriate screws in the desired location while ensuring they are level and that their distance apart does not exceed that of the screen. Hang the screen onto the mounting bracket with the rail mount and secure together with a screw on the underside of the bracket.



## Screen Setup

### PAIRING THE IR REMOTE CONTROL

The IR remote control has been set up at the factory and should work right away. If this is not the case, you will need to use the learn function to program the remote. Connect the wall control to the screen to assure it's working properly. Press the learn button (stop button) on the wall control and hold for 5 seconds. An LED will flash which indicates pairing mode has been entered. Point the IR remote directly at the receiver and press the stop button. When the LED stops flashing and turns solid, the remote pairing function is complete.

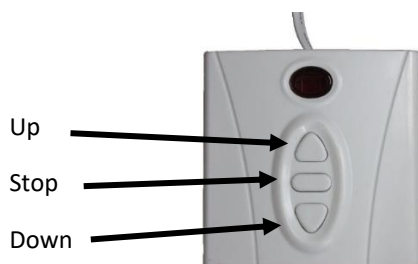


### RESETTING THE REMOTE CONTROL

To reset the remote control, repeat the pairing process. If the above steps don't work, press the stop button on the remote control and hold for 10 seconds. The LED on the remote will flash which indicates the remote has been reset and can be re-programmed.

### WALL CONTROL INSTALLATION

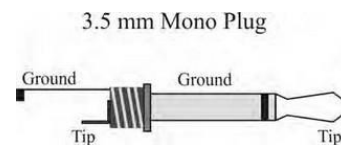
Insert the wall control cable into the port shown above.



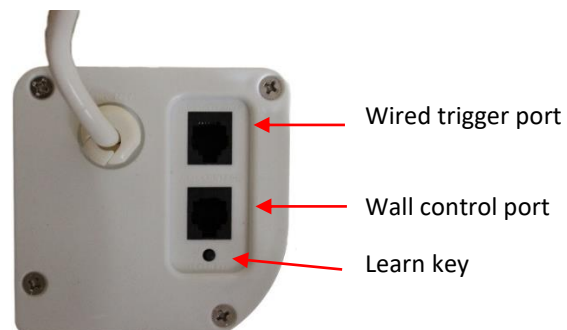
### 12V TRIGGER INSTALLATION



The 12V trigger is an optional feature which allows the screen to be automatically lowered when the projector turns on and retracted when the projector turns off. Insert the cable of the wired trigger into the port as shown below. Most projectors require a 3.5mm mono jack for the 12V trigger – this is not always the case and occasionally the wires by itself are sufficient. If a 3.5mm mono jack is needed, the red and black wires will need to be connected to it which will need to be supplied by the user. Please check your device specifications.



Remove the plastic or metal covering from the mono plug so it looks like the diagram above. The red wire is 12V and should be attached to the tip. The black wire is common and should be connected to ground. Replace the cover so the wires are inside and plug it into your projector.



## Screen Operation

Operating the screen with the wall control and the IR remote have the same controls. The IR remote should be pointed at the IR receiver which is located at the left side of the housing.

### LOWERING THE PROJECTION SURFACE

Press the bottom button on the control unit and the projection surface will lower itself. When it is fully extended it will stop automatically.

### RETRACTING THE PROJECTION SURFACE

Press the top button on the control unit and the projection surface will retract into its case. When it is fully retracted it will stop automatically.

### STOPPING THE PROJECTION SURFACE

Press the middle button on the control unit to stop manually at an intermediate position.

## Adjusting Limit Switches

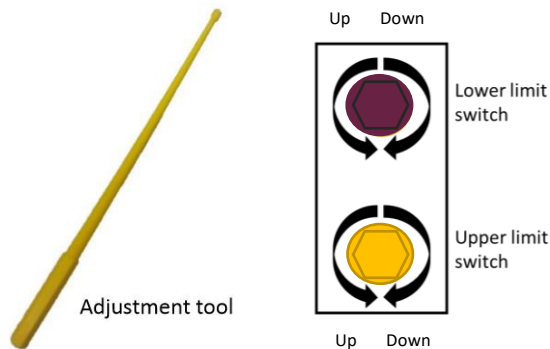
Limit switches are located on the left side of the screen and inside the housing. The limit switches should only be adjusted with the provided adjustment tool.



The limits that are set determine the point where the screen will stop lowering or retracting. By initially adjusting the lower limit, the screen will stop at the perfect location automatically for maximum convenience.

### UPPER LIMIT

The upper limit switch is yellow and does not need to be adjusted as it is pre-set from the factory. If absolutely necessary, turning the grey upper limit switch counter-clockwise will cause the upper limit to be closer to the housing and clockwise will make the upper limit further away from the housing.

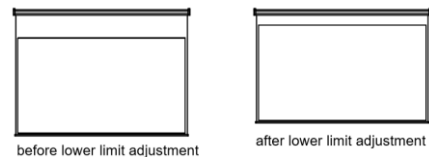


### LOWER LIMIT

The lower limit switch is purple and can be adjusted for increasing or decreasing the amount of upper black drop on your screen.

### REDUCING BLACK DROP

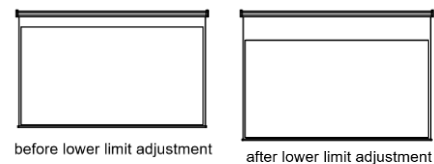
To decrease the amount of black drop, first lower the screen and turn the purple lower limit switch clockwise twice. Retract the screen then lower the screen again and where it stops is the new lower limit. Repeat until the desired height is reached.



The first time the lower limit is being adjusted, it may take a few cycles for the screen to move up. This is normal and be patient as to not damage the screen. If the screen pauses during adjustment, wait 5 minutes for the motor to cool and continue adjusting.

### INCREASING BLACK DROP

To increase black drop, lower the screen so it is fully extended. Using the adjustment tool, turn the purple limit switch counter-clockwise and the screen will drop in small increments without needing to cycle the screen. Continue rotating until the screen is in the desired position.



## Overheat Protection

The motor used in this screen has an overheat protection feature. When the motor runs for an extended period, the motor will stop working to prevent overheating which would cause damage to the motor. If this happens, wait 15-20 minutes for the motor to cool off and continue use.

## Fuse Replacement

There is a fuse located on the screen's circuit board to prevent additional electrical damage to the unit in an electrically unstable environment. If the screen appears to have no power while the outlet provides power, the fuse may be blown. It is the user's responsibility provide an electrically stable environment for the unit, and to replace the fuse if required.

Remove the screws on the side of the housing with the power cable and take off the side covering. Carefully pull out the circuit board while ensuring no wires are damaged. Take off the black plastic cover labelled "FUSE" and see if the fuse is blown. If this is the case, remove the fuse from the plastic casing using tweezers or a lever to remove. Replace the fuse with the same model as the one removed. The model will be labelled on the fuse. Replace the fuse cover, put the circuit board back in its original location and replace the side cover.