



## AWOL VISION ALR-F220C Motorized Floor Rising UST Ambient Light Rejection Screen User Manual

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AWOL VISION ALR-F220C Motorized Floor Rising UST Ambient Light Rejection Screen



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## Thanks

Thanks for choosing the AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screens ALR-F210C or ALR-F220C. Please read this manual carefully before installation and use.

## To prevent electric shock, fire hazard



- Using incorrect cables may affect product performance, and may even lead to electric shock, fire and other accidents. In order to ensure product performance and safety, please use the same type of cable as the original cable.
- If a power extension cord is required, use a power cord with an amperage rating not lower than that of the product. Otherwise, it may cause the power cord to overheat, and even cause electric shock, fire and other accidents.
- In thunderstorm weather or when the product is not used for a long time, please unplug the power plug from the socket to avoid damage to the device caused by lightning or power line surges.
- Do not place flammable objects near this product to avoid fire.

## Instructions for safe operation



- Never place the screen in an unstable location, bracket or table, to prevent the product from falling, causing serious equipment damage and personal injury.
- Do not attempt to disassemble this product, there are dangerous high voltages inside that could cause personal injury. When repair is required, it must be done by trained or authorized service personnel.
- Do not place this product upright as it may tip over and cause damage.
- Make sure the product is protected from rain and moisture.

- Do not immerse or expose this product to water or other liquids. If any liquid or solid object enters the cabinet, please unplug the power cord of the device immediately and ask professional service technicians to check it before continuing to use it.
- Do not place this product in the following environments:
  - Poor ventilation or narrow spaces.
  - Near any device that generates a strong magnetic field.
  - Direct sunlight.
  - Extremely hot, cold or humid environment.
- The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

## Operation Cautions



- Check whether the input AC voltage range of the screen is consistent with your local grid specification.
- Since this product is equipped with a V-spring support system with strong tension, removing the screen without permission will bring certain risks. Please do not disassemble the screen by yourself.
- The tubular motor on the electric screen of this product has a temperature control sensor with an overheating protection mechanism. If the screen runs up and down continuously for one and a half minutes, the motor will rest for more than 30 minutes before recovery.
- Avoid scratching or folding the screen, so as not to cause the curtain to be damaged or wrinkled.
- It's recommended to roll the screen into the shell for protection after the screen is used.

Please check and make sure that the screen is clean and free of foreign objects before retracting the screen.

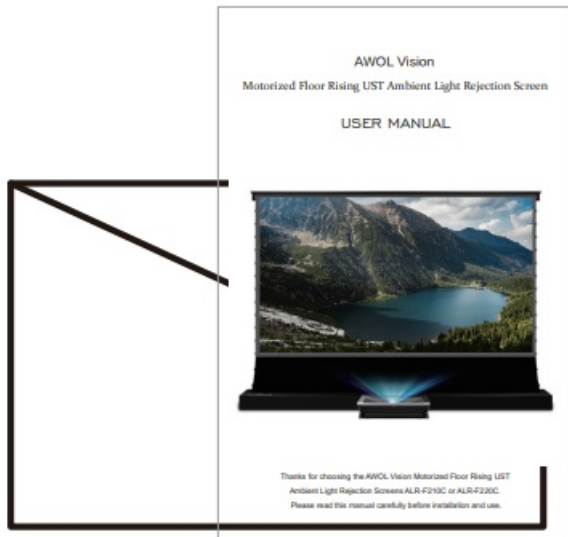
## Package Content

When opening the box, check the contents of the box shown in the diagram picture below. If there is any omission, please contact us as immediately.

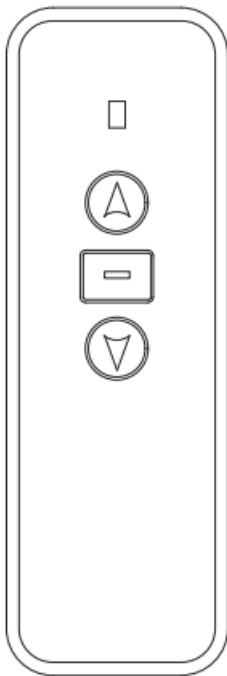
- Motorized screen



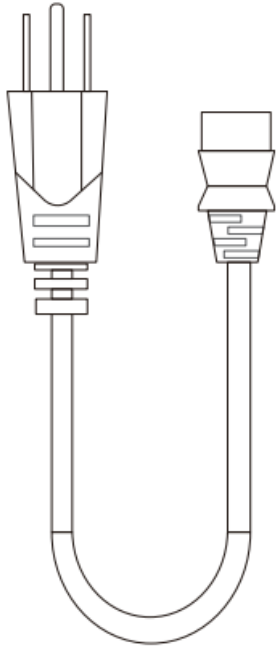
- User manual



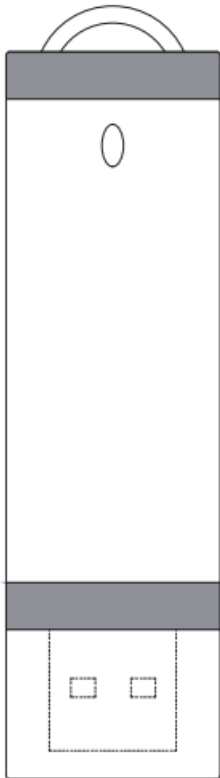
- RF wireless remote



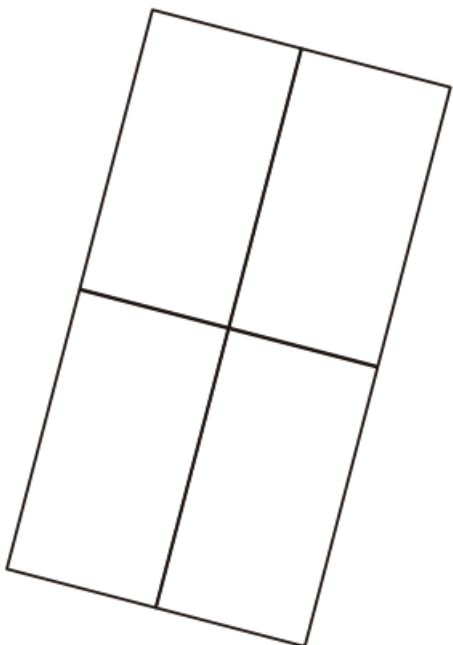
- Power cord



- USB Synchronized Trigger



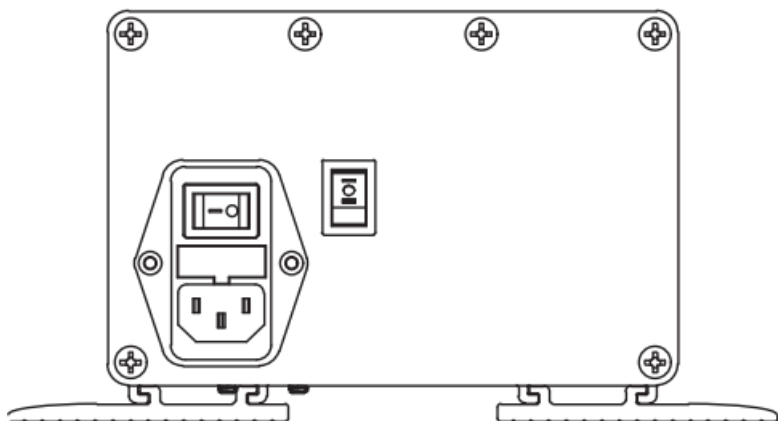
- Non-slip mat



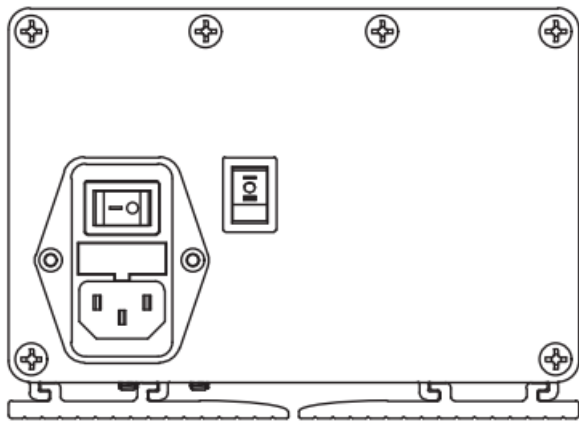
## Operations

### Base bracket installation

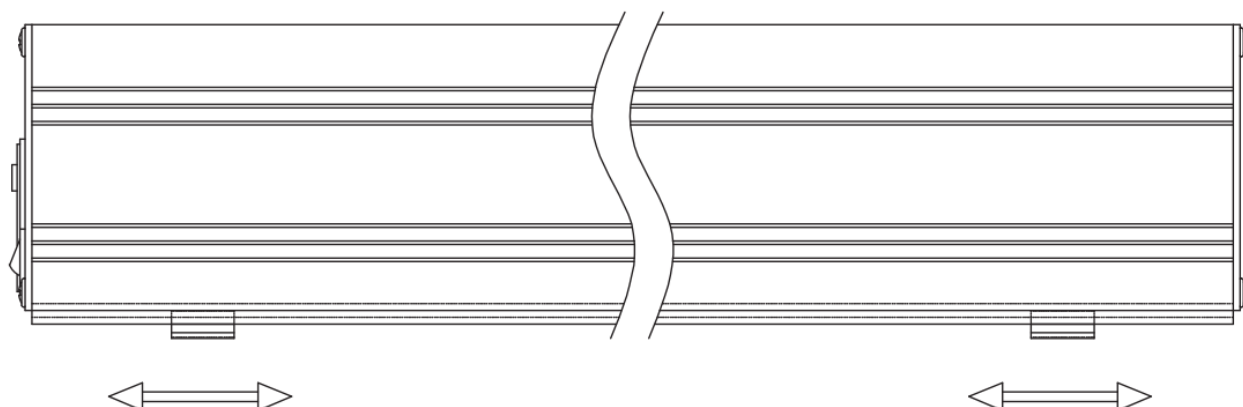
Confirm the motorized screen base bracket installation method according to the site conditions as shown in the figure below. (It has been adjusted to the state of mode 2 before shipment. If you need to install the base bracket in mode 1, please adjust it yourself)



Mode 1



## Mode 2



The base bracket can be moved out of the shell along the groove and then reversed into it. In the meanwhile, you can stick the non-slip mat to the base bottom if needed.

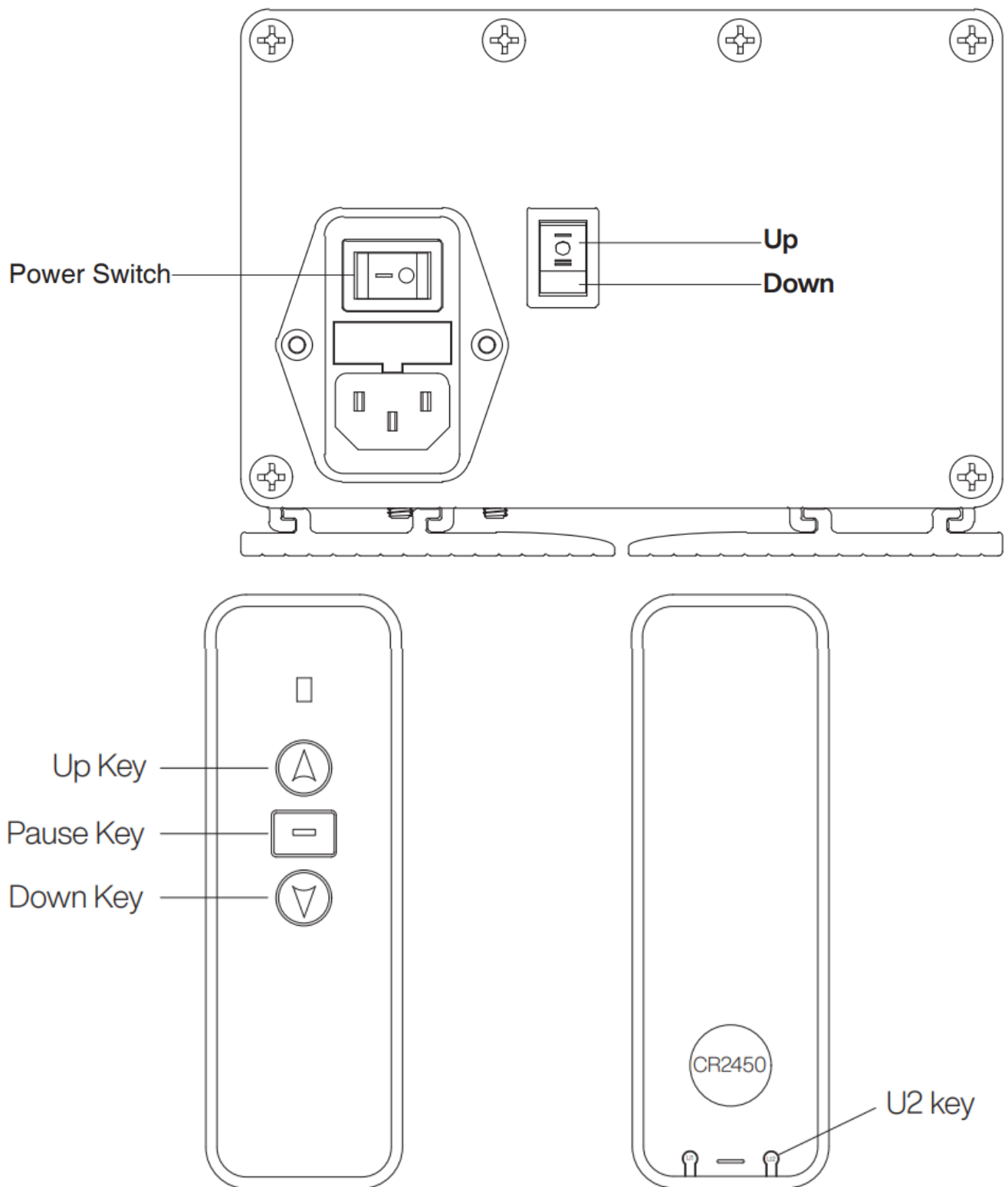
## Motorized screen operation

- Plug the attached power cord to the motorized screen and your local power outlet and make sure the input AC voltage range of the screen is consistent with your local grid specification.
- Toggle the power switch on the left side of the motorized screen and the power button's indicator light will light up red when it is powered on successfully.
- Press the motorized screen remote's up key to raise the screen to the maximum limit height automatically, and you can stop it by pressing the remote pause button.
- Press the motorized screen remote's down key to roll the screen into the shell automatically, and you can stop it by pressing the remote pause button.
- Design your favorite maximum limit height based on your actual installation environment.

Press and hold the motorized screen remote's up or down key for about 5 seconds until you hear the screen's beep.

Press the remote up/down/pause key to fine tune the screen's ideal position as your final maximum limit height. The motorized screen will automatically remember the current position as the maximum limit height after 30 seconds of non-operation.

The new maximum limit height setting will overwrite the previous one.



- In the meanwhile, you can use the motorized screen side up/down button instead of the attached remote to control raising and lowering the screen.

### USB Synchronized Trigger Operation

- The USB Synchronized Trigger is designed to trigger the motorized screen to rise when it is powered on by USB 5.0V 500mA, and trigger the motorized screen to lower when it is powered off.
- It is recommended to plug the attached USB Synchronized Trigger to the projector USB port, and the motorized screen will rise up when you power on your projector and lower when you power off your projector.
- The attached USB Synchronized Trigger is pre-paired with the motorized screen one by one. Each motorized



screen has one pre-paired USB synchronized trigger.

## Specifications

AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screen		
Model	ALR-F220C	ALR-F210C
Size	120 inch	100 inch
Material	Premium HBSI TPU	Premium HBSI TPU
On-axis Peak Gain	0.8dB	0.8dB
Resolution	Up to 8K	Up to 8K
Ambient Light Resistance	95%	95%
Viewing Angle	160°	160°
Contrast vs Matte White (Lights-on environment)	100 times	100 times
Projection Ratio	16:9	16:9
Projector Lens Throw Ratio	UST	UST
Acoustic Transparent	Yes	Yes
Screen Size	2830*161*119 mm 111.4*6.3*4.7 inch	2360*161*119 mm 92.9*6.3*4.7 inch
Screen Weight	27.6 kg 60.8 lbs	24.0 kg 52.9 lbs
Package Size	2890*250*180 mm 113.8*9.8*7.1 inch	2420*250*180 mm 95.3*9.8*7.1 inch
Package Weight	33.1 kg 73.0 lbs	28.6 kg 63.1 lbs
Operating Temperature	14° – 122°F -10 – 50 °C	14° – 122°F -10 – 50 °C
Input Voltage	100-120V or 200-240V	100-120V or 200-240V
Design your favorite maximum limit height	Remote control operation with no adjusting rod	Remote control operation with no adjusting rod

## Maintenance & Precautionary Notes

Dust, dirt, and scratches on the projection screen surface will affect the quality and performance of the projection image. For optimal results we advise you to pay attention to the following instructions.

1. It's recommended to roll the screen into the shell for protection after the screen is used. Please check and make sure that the screen is clean and free of foreign objects before retracting the screen
2. The screen surface has a horizontal structure. DO NOT wipe the screen up and down or in a circular motion. Wipe from left to right only.
3. Please clean the dust on the screen surface with a soft brush or microfiber cloth (rough towel or cloth may damage the screen's surface).
4. Gently wipe the screen with a moistened microfiber cloth with mild soap diluted in water.

The following precautions should be followed at all times to avoid damaging the material, which is not covered under warranty

1. Don't touch the screen material to avoid leaving fingerprints. Use gloves when handling the material.
2. Don't scratch the material, as it will leave permanent markings on the screen's surface.
3. Don't point to the screen material with a fingertip or other sharp objects to prevent damage to the material
4. Don't use acetone, benzene, alcohol and any other organic solvents to clean the screen material. Using such chemicals will permanently damage the screen.

#### **Scan for instant support**




#### **Scan to active warranty**





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## Documents / Resources

	<p><a href="#">AWOL VISION ALR-F220C Motorized Floor Rising UST Ambient Light Rejection Screen [pdf] User Manual</a></p> <p>ALR-F220C Motorized Floor Rising UST Ambient Light Rejection Screen, ALR-F220C, Motorized Floor Rising UST Ambient Light Rejection Screen, Floor Rising UST Ambient Light Rejection Screen, UST Ambient Light Rejection Screen, Light Rejection Screen, Rejection Screen</p>
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## References

- [AWOL Vision](#)
- [User Manual](#)