



Backyard Weather Proof Motorized Drop Down Matte White Screen



User Manual

Thanks for choosing the Valerion Backyard Weather Proof Motorized Drop Down Matte White Screen
Please read this manual carefully before installation and use.

Safety Warning

- Please read the user guide carefully before use and keep it for future reference.
- Be careful during transportation to avoid damage
- Do not install the device on an uneven or tilted surface to prevent the product from falling and causing serious equipment damage and personal injury.
- The equipment is heavy and requires at least two people to install it.
- No one should stand directly under the screen during installation. The expansion bolts must be firmly embedded in the wall or ceiling, and the screws and nuts should be tightened.
- Do not attempt to disassemble the unit by yourself. When maintenance is required, it must be performed by trained or authorized maintenance personnel.
- In heavy rain, strong winds, lightning, etc., please disconnect the power supply and retract the screen into the casing to avoid damage to the device.
- Keep away from fire and high-temperature objects to prevent overheating of the device.
- The screen is equipped with a remote control. Please remove the batteries inside when it is not used for a long time. Please keep the remote control and batteries out of the reach of children.

Screen Care & Instructions

- Avoid puncturing, scratching or folding the screen to prevent damage or wrinkles.
- After use, please retract the screen into the protective case to prevent dust pollution and reduce light aging. Please check and confirm that the screen is clean before retracting.
- Use a soft cloth dipped in a small amount of water or a weak alkaline detergent diluted in liquid, and gently wipe the screen to clean it.
- The screen can be used frequently, but the continuous lifting time should not exceed 4 minutes each time, otherwise the motor will stop working due to overheating protection. It can be resumed after cooling for about half an hour.

Hazard warnings

- Contains button or coin cell battery. Hazardous if swallowed.
- Keep out of reach of children, Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Package Contents

When you open the box, please check the box contents as shown in the picture below. If anything is missing, please contact us immediately.



Yard Motorized Projector Screen



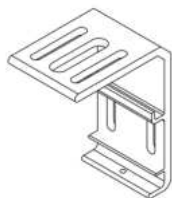
User manual*1



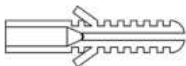
Power adapter*1



RF Remote control*1



Mounting brackets*2



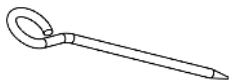
Wall Anchors M5*4



Screws M5*4



Eye bolt M5*2



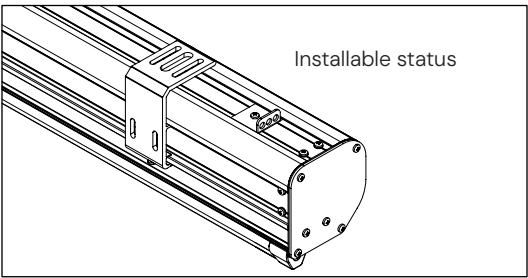
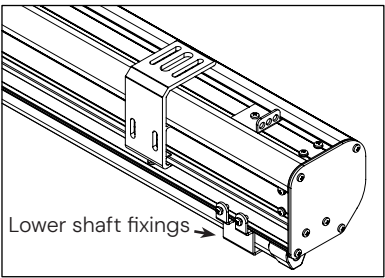
Tent stake*2



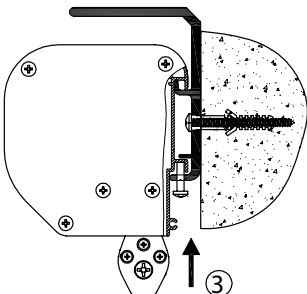
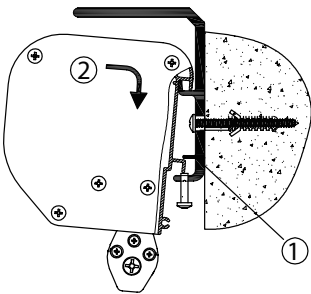
Nylon rope*2

Installation

Special note: Before installing the product,the lower shaft fixing must be removed first. The function of this part is only to prevent the lower shaft from moving during transportation.

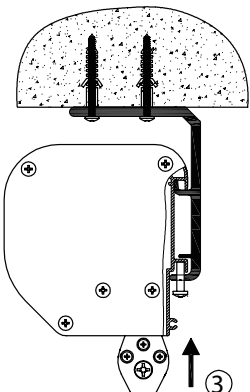
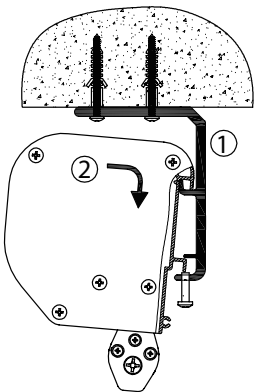


Mode 1 (Wall mounting)



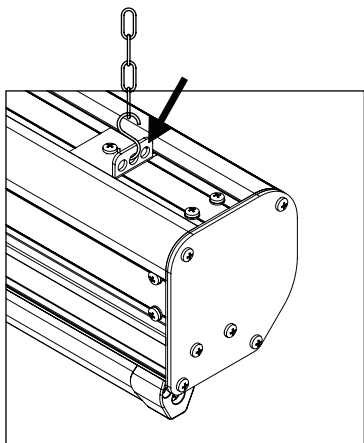
- 1.Drill holes on the wall ,Install the two mounting brackets using the wall anchors with screws
- 2.Hang the screen on the bracket
- 3.Tighten the screws at the bottom of the bracket

Mode 2 (Ceiling mounting)



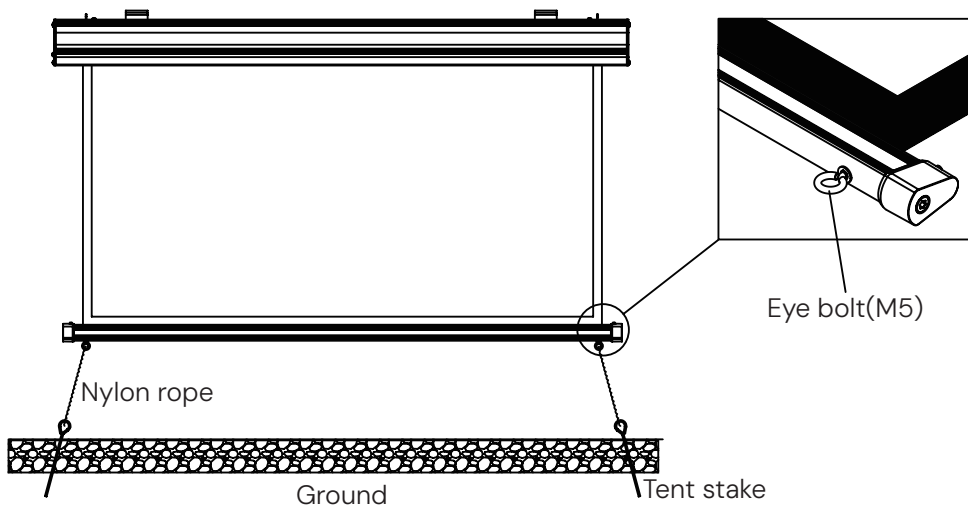
- 1.Drill holes on the Ceiling ,Install the two mounting brackets using the wall anchors with screws
- 2.Hang the screen on the bracket
- 3.Tighten the screws at the bottom of the bracket

Mode 3(Suspension mounting)



First you need to have a pair of chains with hook (chains and hooks are not included ,purchased by user), and then hook the lifting piece at the top of the screen

Special Installation

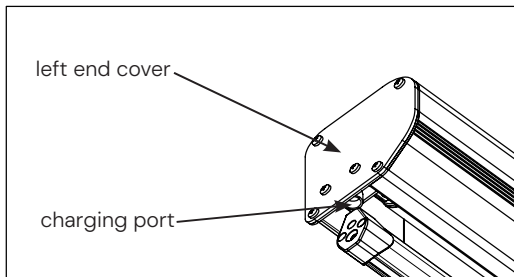


If the screen shakes in the breeze outdoors, fix it in the following manner. In this case, be sure to remove the eyebolts before rising the screen, otherwise the motor will be overloaded and the screen will be deformed.

Screen Operation

1. Battery Charging

Please fully charge the battery before operating the screen. The charging port is located inside the left end of the case. Plug the charging cable into the charging port and plug the power supply into the socket. When fully charged, the adapter LED indicator will turn green.



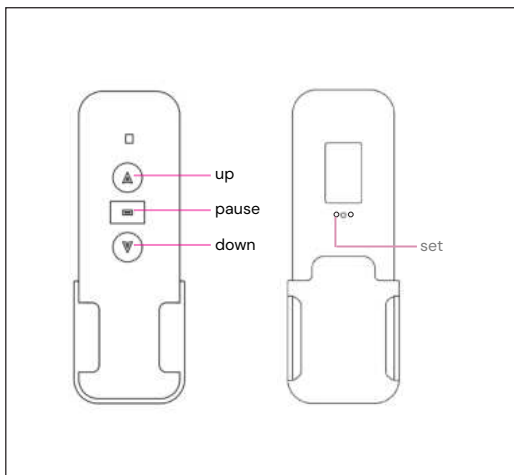
2. Remote control

The remote control matches the screen and has been coded at the factory, it can be used directly

The three buttons on the remote control respectively realize the functions of up, pause and down.

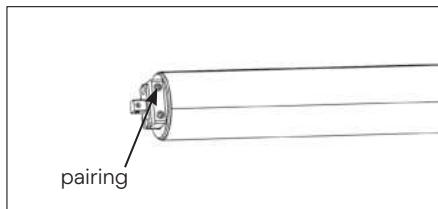
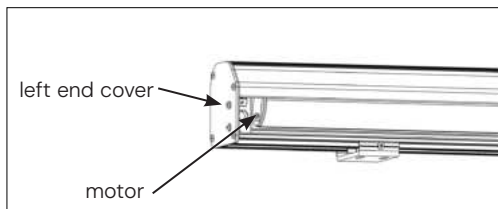
The screen will automatically shut down and stop moving when it reaches the upper and lower limits

After use, put the screen back into the casing to ensure the screen surface is clean



3. Functional Description

The screen motor is powered on by factory default, can be operated directly with the remote control



Motor position: on the left side of the screen

Power on: long press the motor pairing key for 1 second, it will power on after a short buzzer sound

Power off: long press the motor pairing key for 7 seconds, it will shut down after a long buzzer sound for 1 second

Reversing: press the pause key of the remote control (already paired) for 5 seconds, the motor will rotate slightly once, press the down key of the remote control within 10 seconds, the motor will rotate slightly once, reversing is successful

Fine-tuning limit point: the upper and lower limit points have been set at the factory, run to the limit point that needs fine-tuning, long press the set button of the remote control for 1 second to enter the limit point setting state, and the motor will rotate slightly once. Press the up and down keys to adjust to the ideal height, press the set button of remote control for 1 second to save the limit point, and the motor will slightly move once.

Deleting code: Press the pause button of the remote control (already paired) for 5 seconds, the motor rotates slightly once, press the set button of the remote control for 1 second within 10 seconds, the motor rotates slightly once, and the code is successfully deleted.

Pairing code: Press and hold the motor pairing button for 1 second, the motor rotates slightly once, press the up button of the remote control within 10 seconds, the motor rotates slightly once, and the code is successfully paired.

Description

The effective distance of remote control is 50 meters (no obstacles)

The motor has an overheat protection function. It will automatically cut off the power for protection after working continuously for about 4 minutes. It can be restored to use after cooling for about half an hour.

Specifications

Model	MW-DD120WP
Size	120inch
Screen Material	Matte White
On-axis Peak Gain	1.1dB
Viewing Angle	120°
Product Size	2864*115*102mm
Screen Weight	16.2kg
Package Size	2970*190*170mm
Package Weight	22.5kg
operating Temperature	-10~+50℃
Adapter input	AC100~240V,50~60Hz
Adapter output	DC 16.8V,1.5A,25W
Motor rated voltage	DC 14.8V
Motor rated torque	6 N.m
Motor speed	18 rpm
Motor rated power	36 W
battery capacity	3000 mAh

FAQ

Phenomenon	Fault cause	Troubleshooting
Motor doesn't respond Motor starts slowly	In shutdown state	Restart the motor
	Remote control battery is dead	replace battery
	Remote control failure	Replace the remote control
	Motor battery is dead	Charge the battery
	The lower axis of the screen is constrained and causes overload	Remove the constraint
Motor stops when running	Motor runs to the upper/lower limit	Motor runs to the upper/lower limit
	Motor battery is dead	Motor battery is dead

Contact Information:



Email: support@valerion.com



Official Website:
<https://www.valerion.com/>



Facebook Group:
Valerion VisionMaster Official Launch Group



Facebook Group



Installation Video



VALERION

Manufacturer: VALERION TECHNOLOGY USA CO..LTD

Address: 1312 17th Street, Unit Num 2955, Denver, CO 80202, United States.

Contact us: <https://www.valerion.com>

Email: support@valerion.com