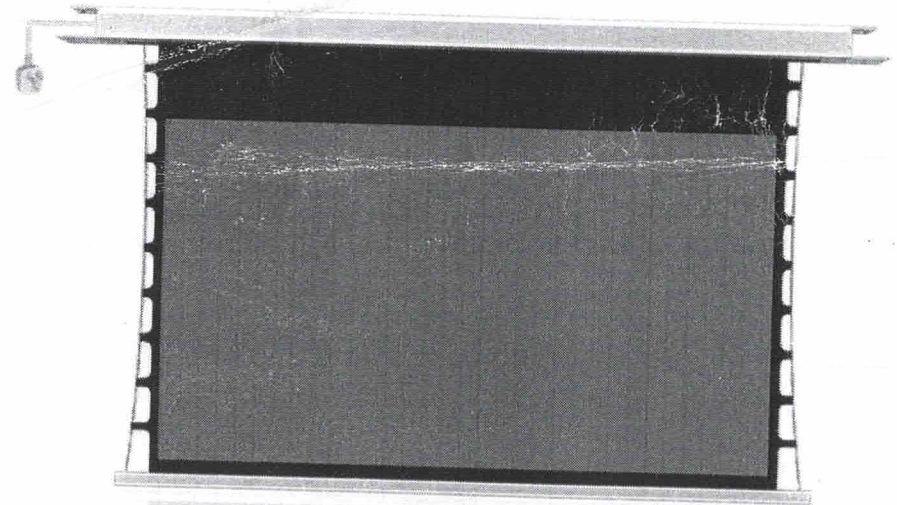




Scan and watch the instructional video

Concealed ceiling curtain User manual



Attention: Before installing and using the projection screen
Read all the operating instructions in this guide first
And keep these materials for future reference.



important safety instructions

Please strictly follow the following safety regulations. Incorrect installation and use methods may cause mechanical damage or personal injury accidents.

warn

Notes:

1. Please handle with care to avoid damage.
2. Do not expose the equipment to rainwater, and do not place anything with water, such as a vase, on the product.
3. Fire/heat protection: Keep away from heat sources, such as radiators, stoves, and other locations that may damage products.
4. Do not attempt to remove the body shell or connect wires without authorization.
5. Check if the voltage is consistent with the specified usage voltage.
6. Please avoid scratching or folding the screen surface to avoid damage or creases on the screen, which may affect its use.
7. After using the product, try to recycle the screen back into the shell as much as possible to prevent the screen from being contaminated by dust and affecting the projection use.
8. Do not frequently raise or lower the screen in a short period of time, as it may cause the motor system to overheat and affect its service life.

⚠ Please read the user manual carefully before proceeding with the operation
Please hand over installation and maintenance to professional service personnel ⚠

**PROHIBIT ARBITRARY ADJUSTMENT OF THE SCREEN SCHEDULE
MUST BE CARRIED OUT UNDER THE GUIDANCE OF PROFESSIONALS**

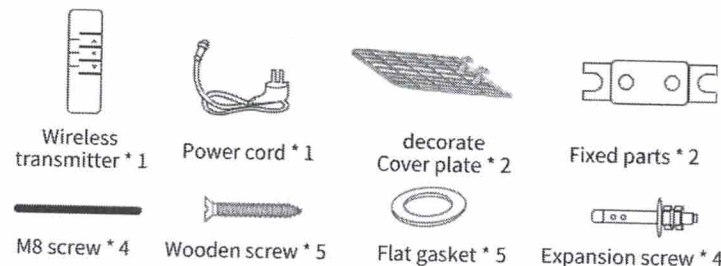
Our company will not be liable for compensation for any mechanical damage or personal injury accidents caused by installation or operational errors, natural disasters, or other reasons.

clean

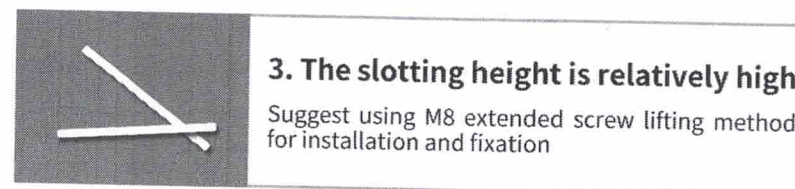
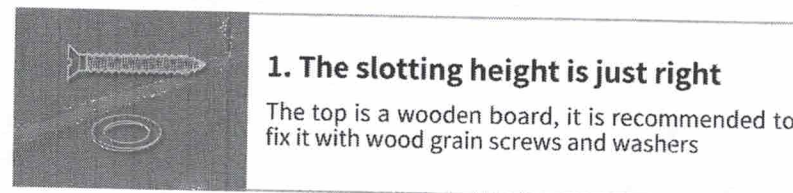
Gently wipe any dirt or stains on the screen casing or screen surface with warm water and a warm cleaning agent. After wiping, please use a soft cloth or towel to wipe it dry immediately. Do not let it air dry naturally.

Do not use chemicals, detergents, or cleaning materials with frictional properties for cleaning. These cleaning materials will cause permanent damage to the screen.

parts list



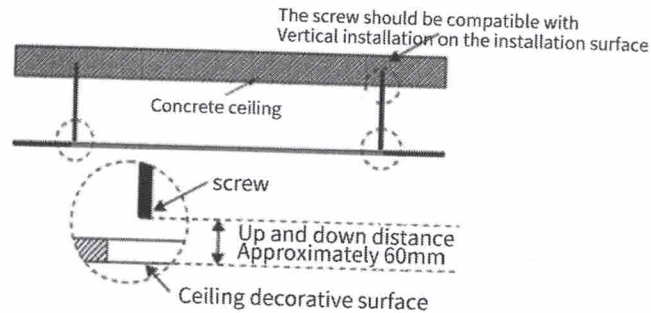
During installation, based on the actual installation environment, Different installation accessories can be used:



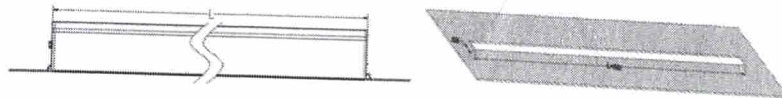
Attention: When installing on the ceiling, please ensure that the ceiling is a concrete poured wall or a wooden board with

Installation steps:

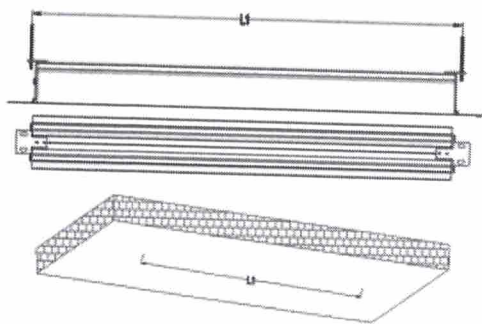
Screw installation method: Based on the position and height of the ceiling opening, confirm the installation distance and accurately measure the length of the screw, and cut it to the appropriate length. Fix the screw vertically on the installation wall, ensuring that the screw is securely installed and the distance between the screw and the ceiling decoration surface is approximately 60mm.



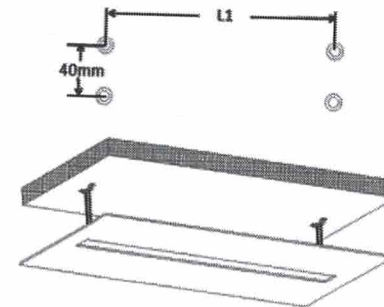
Product opening size: First measure the length L of the product, and then slot according to the length L of the product. Slot length: $L+120\text{mm}$; Slot width: 120mm.



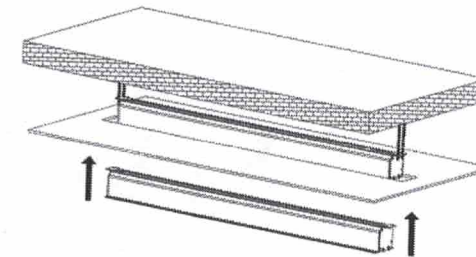
Measure the appropriate spacing $L1$ for installing the screw, and then mark the position of the fixing component on the solid ceiling with reference to $L1$.



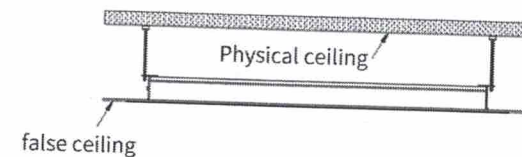
Drill the holes marked on the ceiling using a 10mm drill bit, and then secure the screws.



Thread the product through the slot hole of the holiday flower and insert the screw into the fixing plate hole on the product, then lock it with screws. (Suggest two people working on both sides simultaneously)



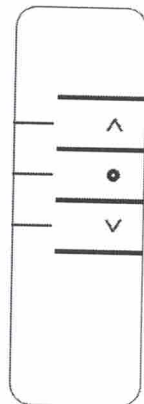
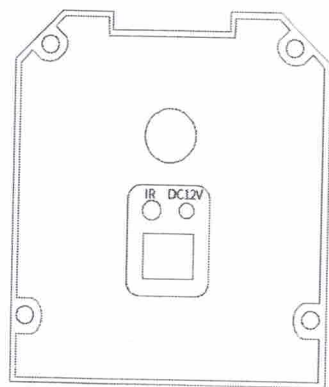
Finally, fasten the left and right decorative covers.



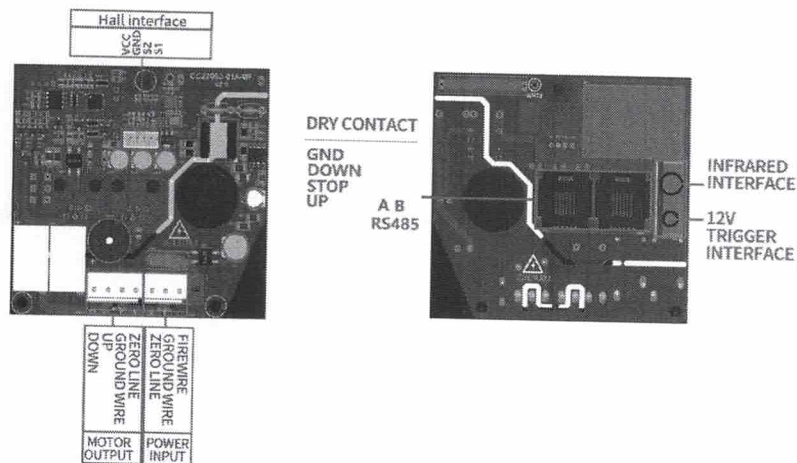
The overall product installation is completed.

Product Function Instructions:

Attention: The screen is pre debugged before leaving the factory, so customers should not disassemble and debug this product randomly after receiving the goods.



Interface Description



Controller functional characteristics

RF built-in remote control function, frequency 868.35MHz, FSK modulation method
Built in standard antenna, with a straight-line distance greater than 200 meters

Upper limit obstruction protection function
When reaching the upper limit position and encountering resistance, the motor stops

Up to 3 limit points can be set
The upper limit position does not need to be set

Limit lower limit function, after the factory sets the limit lower limit
Users can also set appropriate limits themselves for dual protection

Projector wireless trigger function
Turn on the projector screen and the screen will automatically descend
Turn off the automatic rise of the projector screen

Built in WIFI intelligent module
Power on automatic search device network distribution, simple and practical

Equipped with electronic limit function and equipped with Hall signal motor
Electronic limit function and automatic limit function can be achieved

RS485 function
Dockable to intelligent central control system

External dry contact interface
Lead length>50 meters

The output end adopts an anti impact relay
Strong surge resistance and long service life

Wide voltage range power supply, universal worldwide
Can be used with motors of different voltages

Adopting international first tier brand chips
Stable and reliable performance with good batch consistency

With buzzer prompt function
Easy to operate

Operating instructions:

1. Learn coding

Power on learning code: Press and hold the "up" button on the remote control for 2 seconds, then power on the limit switch again. Wait for the buzzer to slowly sound and enter the learning code state. Release the "up" button on the remote control and press again. The buzzer will sound once to indicate successful learning.

Note: Only remote controls that have entered the learning state can be awakened to learn codes. After awakening, replacing other remote controls cannot learn codes. (This method is used during factory pairing).

Wake up code learning: Within 30 seconds of power on, press the "back button" of the remote control that has not learned the code for 7 seconds, the buzzer will slowly sound to enter the code learning state, and then press the "stop button" of the remote control for 2 seconds. The buzzer will sound once to indicate successful code learning.

Note: Only remote controls that have entered the learning state can be awakened to learn codes. After awakening, replacing other remote controls cannot learn codes.

2. Reverse direction

Press the "back button" on the remote control for 2 seconds, and the buzzer will sound quickly to enter the setting state;

Press the "Up" button on the remote control again for 2 seconds, and the buzzer will sound once to indicate successful direction change.

3. Fine tune the lower limit

Press the "back button" on the remote control for 2 seconds, and the buzzer will sound quickly to enter the setting state;

Press the "Stop" button and "Down" button on the remote control, select the fine adjustment lower limit position, and the buzzer will **beep once for a long time** to prompt; After the screen reaches the desired position, press the "Stop" and "Down" buttons on the remote control, and the **buzzer will sound once** to indicate successful operation.

Note: If there is no corresponding operation after 30 seconds, the system will automatically exit the setting state. When setting the limit point state, it will be in jog mode. After long pressing for 2 seconds, the screen will be linked, and once set, it will automatically switch to linked mode.

4. Fine tune the upper limit

Press the "back button" on the remote control for 2 seconds, and the buzzer will sound quickly to enter the setting state;

Press the "Stop" button and "Up key" button on the remote control, select the fine adjustment lower limit position, and the buzzer will **beep once for a long time** to prompt; After the screen reaches the desired position, press the "Stop" and "Up key" buttons on the remote control, and the **buzzer will sound once** to indicate successful operation.

Note: If there is no corresponding operation after 30 seconds, the system will automatically exit the setting state. When setting the limit point state, it will be in jog mode. After long pressing for 2 seconds, the screen will be linked, and once set, it will automatically switch to linked mode.

5. Function description of external dry contacts(Optional)

① Connect to the 6P network cable interface.

② Functional control:

A. The pulse signal for the connection of channel 3+and channel 6 causes the electric curtain to continue to rise.

B. The pulse signal connecting Line 4 and Line 6 stops the operation of the electric curtain.

C. The pulse signal connecting Line 5 and Line 6 causes the electric curtain to continue descending.

6. Explanation of the 12V trigger function for the projector's on/off switch(Optional)

A. DC/AC 12V from zero to sometimes, the electric screen automatically rises and opens the screen.

B. When DC/AC 12V goes from present to absent, the electric screen automatically descends and closes the screen.

C. Input voltage range: DC/AC 5V-12V (2.5mm audio interface).

7. IR infrared remote control function operation instructions(Optional)

1. Please use an infrared transmitter that matches the protocol.

2. Functional control:

① Press the up button, and the electric screen will continue to rise.

② Press the stop button to stop the electric screen from running.

③ Press the down button, and the electric screen will continue to descend.

Note: Infrared does not require learning coding (the receiver needs to be connected to an external infrared receiver head and a 3.5mm audio interface).

8. RS485 central control function operation instructions(Optional)

A. Connect to the 6P network cable interface.

B. RS485 port settings.

① Baud rate: 9600

② Data length: 8

③ Parity check: N

④ Start bit: 1

⑤ Stop bit: 1

9. Projector USB wireless trigger (Optional)

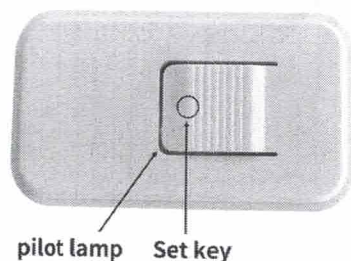
① You need to first add the code of the wireless trigger to the receiver. The operation is as follows: Press the "back button" of the remote control that has already learned the code for 7 seconds, and the buzzer will slowly sound to prompt you to enter the learning code state,

Long press the "Settings" button on the wireless trigger for 5 seconds, and the buzzer will sound once to indicate successful code learning.

② After successfully learning the code, insert the wireless trigger into the USB interface of the projector, turn on the projector, and the LED indicator light of the wireless trigger will flash once per second. After 3 seconds, the screen will automatically descend. After the wireless trigger detects that the projector is turned off, The LED indicator light will turn off and the screen will automatically rise after 5 seconds.

Note: When the wireless trigger detects that the projector is turned on, the LED indicator of the wireless trigger will flash once per second. When the projector is detected to be turned off, the LED indicator of the wireless trigger will turn off.

(Some brands of projectors do not turn off the USB power after shutting down, and such projectors cannot be matched with wireless triggers.).



10. WIFI distribution network

Clear network memory and pair again:

Products that have already been connected to the internet need to be cleared before connecting to a new network or phone. The operation is as follows:

Long press the U2 button on the back of the transmitter for 7 seconds, and the buzzer will sound slowly. Then long press the down

button for 2 seconds, and the buzzer will sound quickly 3 times. The operation is successful.

Note: By following the steps<Restore Factory Settings>, you can also clear the network that has already been configured for the module.

