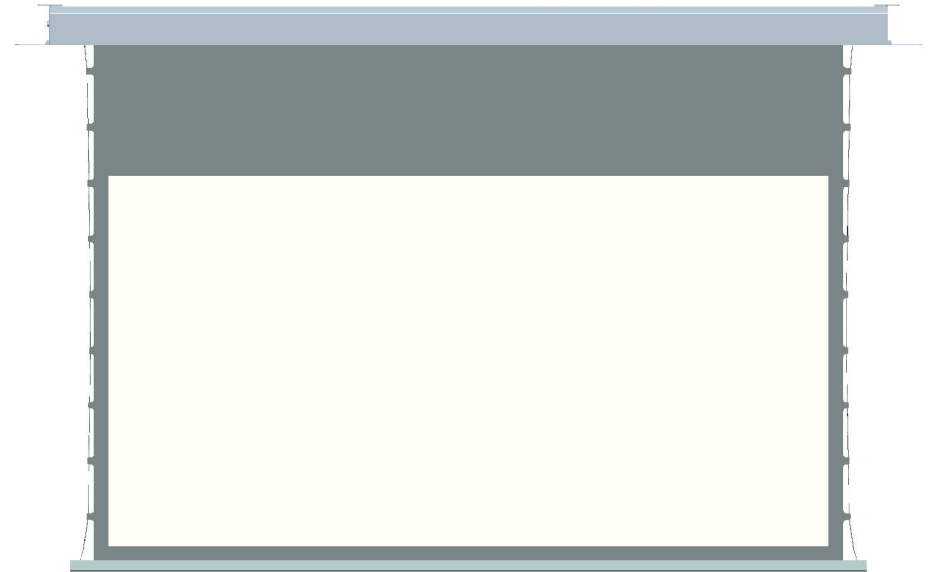
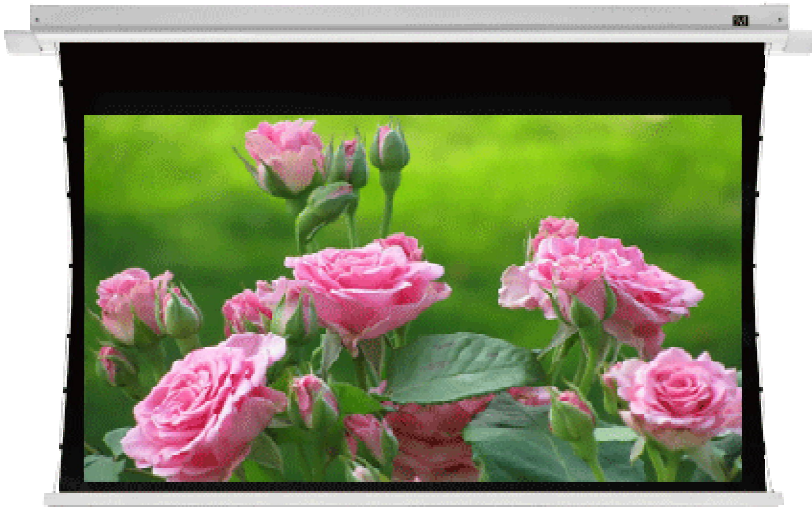


## In Ceiling Motorized tab tension screen



**【Note】** Read all the instructions in the guide before installing, using the projection screen, and keep the information for future reference



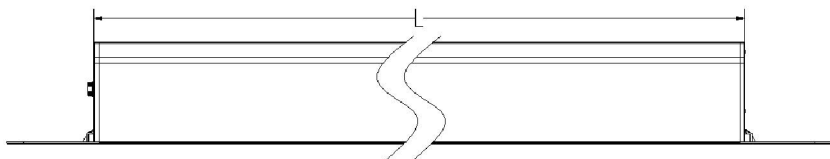
## Model:

Model	(m)	( Inch)	Ratio
CM-809EST	1m78 x 1m	70x39	16:9
CM-929EST	2m03 x 1m14	80x45	16:9
CM-1009EST	2m21 x 1m25	87x49	16:9
CM-1059EST	2m35 x 1m32	92x52	16:9
CM-1209EST	2m66 x 1m49	105x59	16:9
CM-1339EST	2m94x1m66	116x65	16:9
CM-1509EST	3m32 x 1m87	131x74	16:9

## Installation

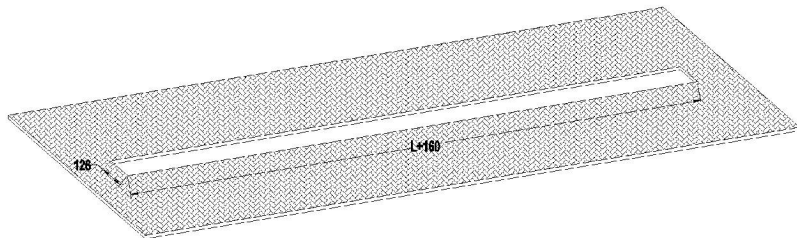
**Note:** when installing on the ceiling, make sure that the ceiling can bear a load of 50kg at least

First measure the product length L

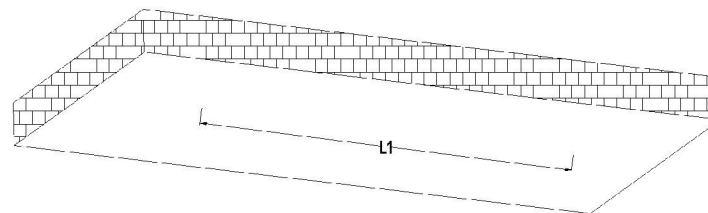
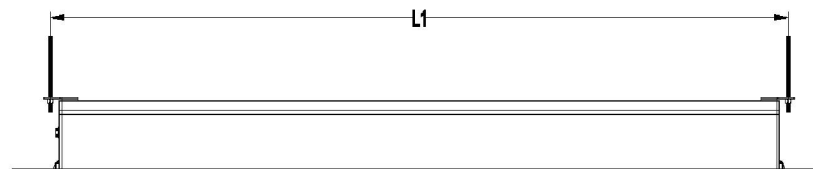


## Installation

Slot at the appropriate position of the false ceiling. slot length:  $L + 160\text{mm}$ ; slot width: 126mm

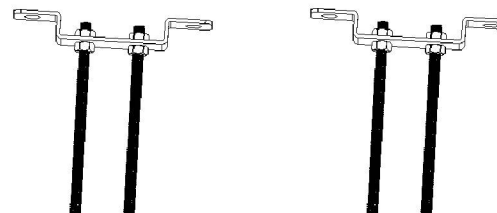


Measure the proper distance L1 between the installation screws, and mark the location of the fixing parts on the top of the solid ceiling with reference to L1

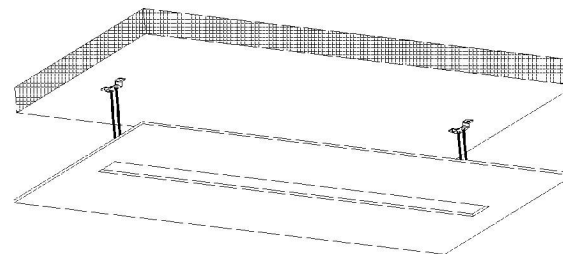


## Installation

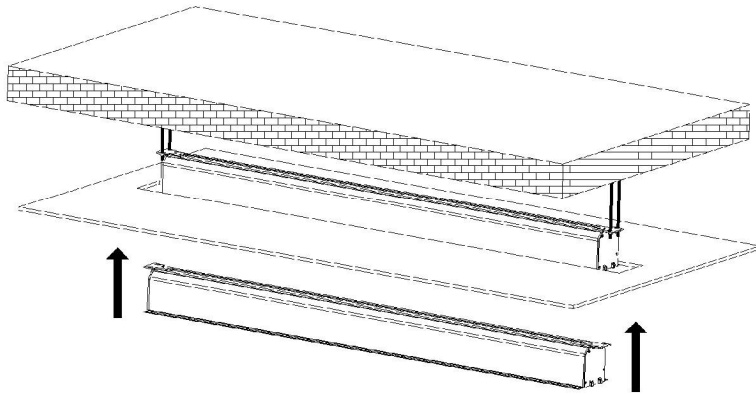
Assemble the screws and fixings as shown in the figure below



Install the assembled fixings on the solid ceiling with explosion screws

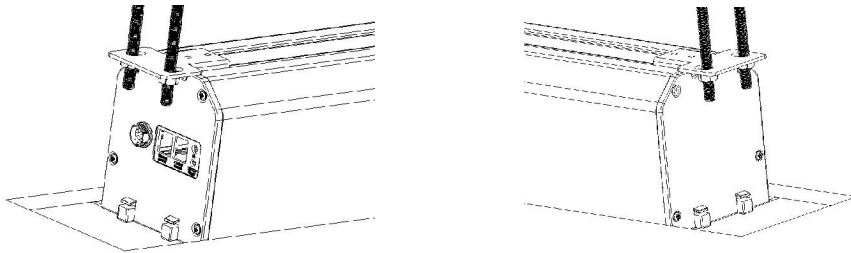


Put the product through the slotted hole of the holiday flower and insert the screw into the fixing plate hole of the product, and then lock it with the screw. (it is recommended that two people operate at the same time)

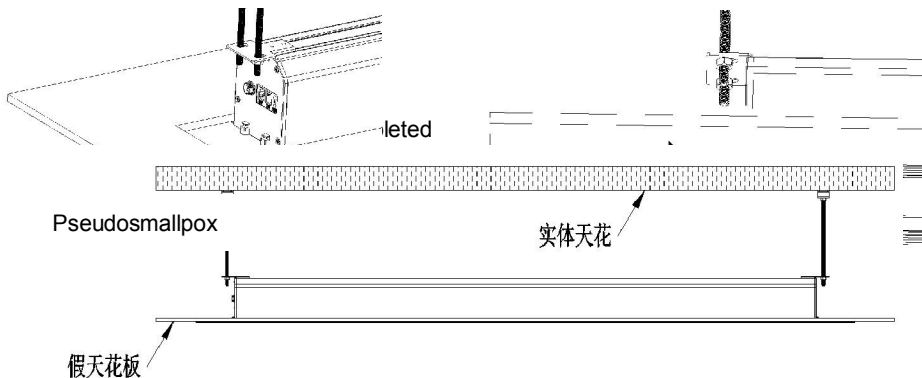


## Installation

After the product is fixed, see whether the bottom of the product fits the false ceiling. If not, adjust the screw to make the product fit the false ceiling



Finally, fasten the decorative cover plate



## Screen use

Note: The screen is debugged before leaving the factory, so customers do not disassemble and debug this product at will after receiving the goods.

Wireless remote control operation as follows



Go up  
Stop  
Go down

1. Need to lower the screen:  
Please press the down button, the screen will automatically descend to the preset height
2. Need to recycle the screen:  
Please press the up button, the screen will be automatically recovered into the casing
3. Stop:  
Please press the middle stop button, the screen will stop automatically

## Screen use

### DC 12V power: source control instructions

- A : DC 12V from nothing to time, the screen automatically goes down
- B : When the DC 12V is present, the screen automatically goes up
- C : Input voltage range: DC 5V--DC 35V

### Central control instructions:

#### A: RS485 port setting

1. Baud rate: 2400
2. Data length: 8
3. Parity check: N
4. Start position: 1
5. Stop bit: 1

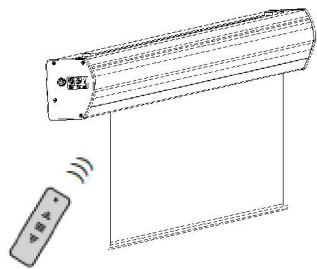
#### B: control code

1. Rising instruction: 0xFF 0xAA 0xEE 0xEE 0xDD
2. Stop instruction: 0xFF 0xAA 0xEE 0xEE 0xCC
3. Descending instruction: 0xFF 0xAA 0xEE 0xEE 0xEE

#### C: Function control

1. upward instruction screen upward

## Remote control learning method:



### Enter the learning code state:

1. Press and hold the transmitter's Up button for 3 seconds, and then turn on the power. The receiver buzzer will sound slowly and enter the learning state.
2. Press and hold the stop key of the learned code transmitter for 5 seconds, the receiver buzzer sounds slowly and enters the learning code state. There is no corresponding action within 5 seconds within the learning code state, the buzzer stops beeping and automatically exits the learning code status.

### Learning Code:

Code learning status, press the up button of the transmitter, the receiver buzzer will sound 3 times, and the code learning is successful

### Delete single code:

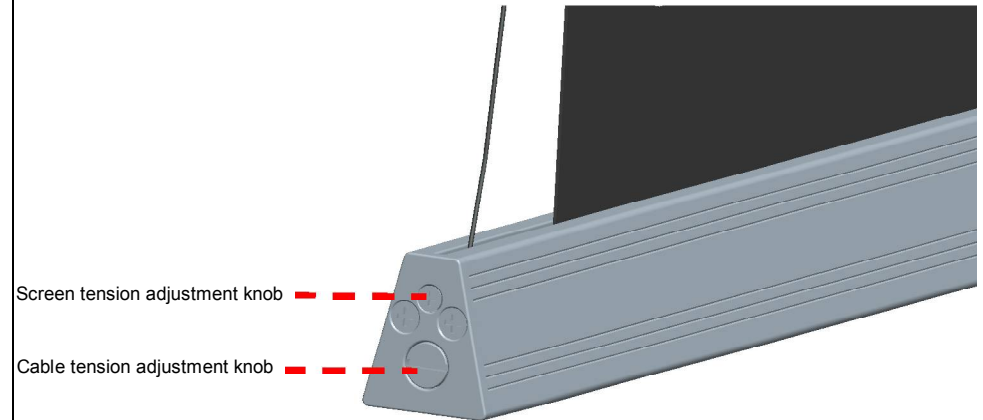
Learn the code status, press the down button of the transmitter, the receiver buzzer sounds 3 times, and the code is deleted successfully

### Delete full code:

Learn the code status, press the delete key on the back of the transmitter, the receiver buzzer sounds 3 times, and the complete code is deleted successfully

## Failure and repair

Failure phenomenon	Failure analysis	Solution
Operation transmitter indicator flashes, screen does not respond	Whether the control board wiring is correct	Reconnect according to correct wiring method
	Check if the transmitter is coded	Transmitter recoding
Transmitter and receiver work normally, motor does not turn	Whether the motor wiring is correct	Check the motor and control board wiring
Transmitter is not sensitive or does not respond	Transmitter battery is dead	Replace with new battery
Screen cannot rise and fall	Remote control battery is low	Replace with new batteries
	Power cord is not connected	Check wiring to ensure proper power
The screen is below the set position or is not fully retracted	Stroke shift	Re-adjust the up and down stroke
Curtain is uneven and wrinkled	The lower part of the curtain is loose	Use a slotted screwdriver to adjust the screen tightening knob



When the black surface under the curtain surface for a long time is uneven, such as corrugations, the screwdriver can turn the screw clockwise to solve this problem.