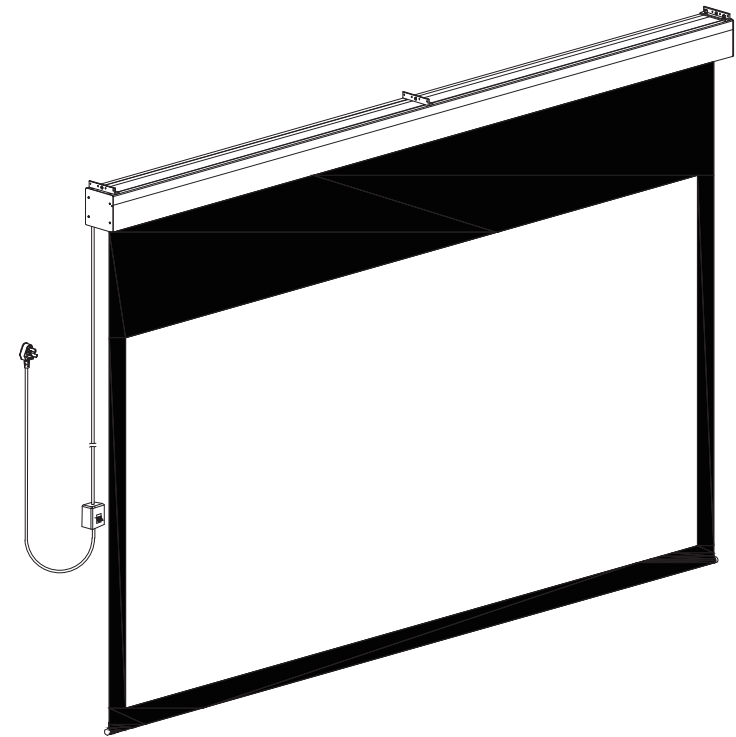


# Grandview

## Large Stage MAIII Installation Manual

Model:LS-MAFIIIxxx (xGxx)



### Reminders

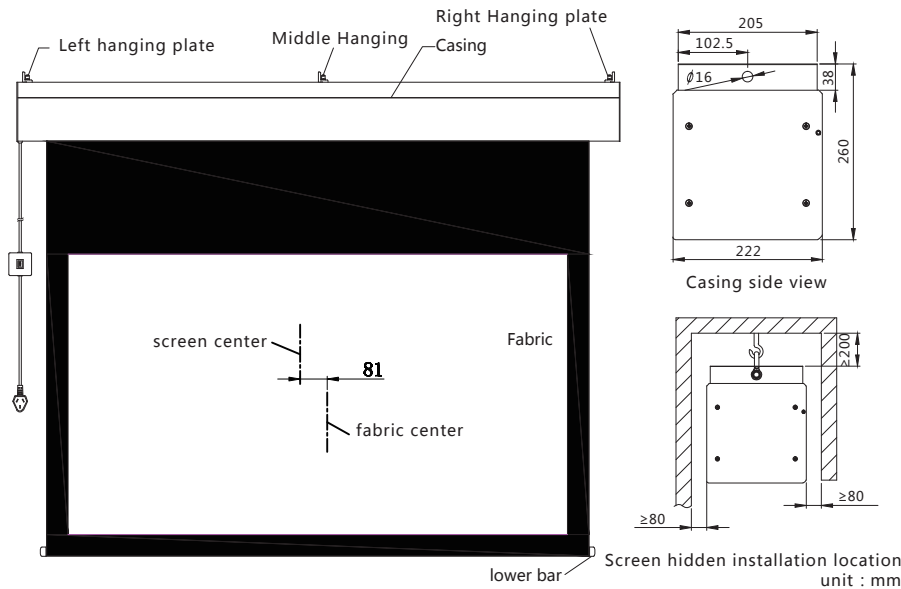
- Thank you for purchasing Grandview products. Please read the instructions carefully before installation and use, and collect it after reading for future use;
- This product must be installed by qualified professionals who evaluate the feasibility of the environment, electricity, structure, etc;
- Do not disassemble or replace the original spare parts at will: If there is any fault, please contact the after-sales service department.

GRANDVIEW CRYSTAL SCREEN CO.,LTD.

A: No.43 S, Guomao Ave.Hualong,Panyu,Guangzhou,Guangdong,P.R.C

T: 020-84899499

## Screen structure

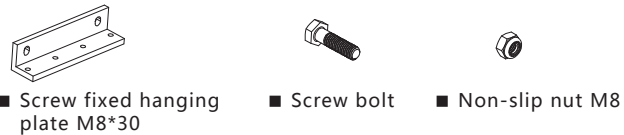


## Accessories

- Motor adjustment tool (1)
- Shackle(3)
- Warranty Card (1)
- Instruction manual (1)



## Optional accessories

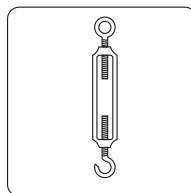
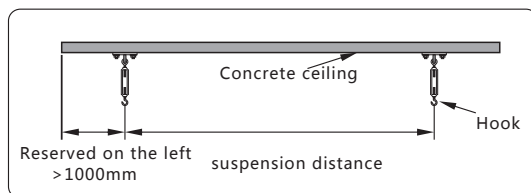


## Installation method and attention

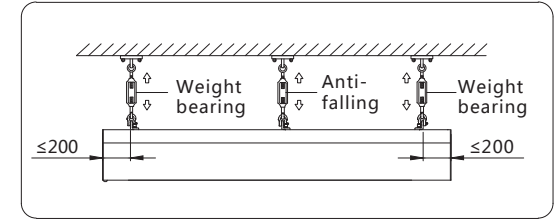
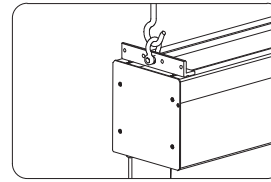
Note: Due to structural reasons, the position of the screen is not the center of the screen, but is offset to the right by about 81mm. This should be taken into account when determining the location of the mounting hole; in addition, it is recommended to keep a distance of 1 meter from the side of the screen power cord for future maintenance.

## Suspension Installation(standard configuration):

Measure the horizontal spacing of the hanging boards and the length of the product to determine the installation position of the screen. Install a stable hook on a solid concrete ceiling. It is recommended that the hook type be adjustable. (When the screen length is  $\geq 6m$ , 3 hangers are standard)

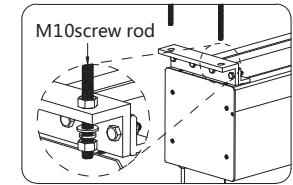
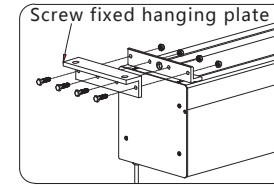
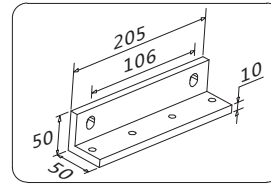


Hook the hooks on the shackles of the left, middle and right hanging plates respectively, adjust the length of the hooks to the screen level, and complete the lifting; (Note: the left and right hanging boards are the main stress points ,try to stay aside, and the middle hanging boards are the secondary stress points)



## Screw rod fixed hoisting (optional):

If the customer requires, you can purchase screw fixing hangers and accessories to fix the screen; method: use M8 bolts and nuts to connect the screw fixing hangers to the outside of the left and right hangers



Screw mounting: measure the distance between the four oblong holes on the left and right hanging plates respectively, install M10 screw rods directly above the corresponding holes to connect the left and right hanging plates, install an adjustable hook on the middle of the screen to connect the middle hanging plate, and adjust the screws The position of the screen to make the screen to a horizontal state, complete the installation of the screen.

## Screen control function description

Intelligent electric screen has 4 control methods:

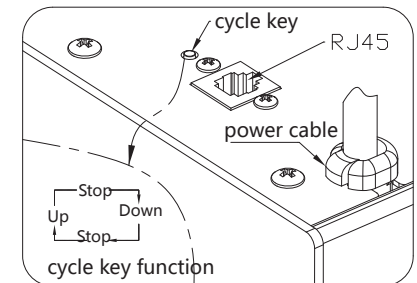
- Manual control (cycle button)
- Wireless control
- Dry contact control
- RS485 or RS232 control

## Manual cycle key control

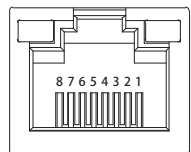
The manual cycle button is at the left end of the screen shell (near the interface), and the function is to cycle through up, stop and down.

## Dry contact, RS485 or RS232 control:

Crystal head interface definition diagram:



Connection port line number	1	2	3	4	5	6	7	8
Features	RS485-B RS232-GND	RS485-A RS232-TXD	Stop	Up	Down			Public line



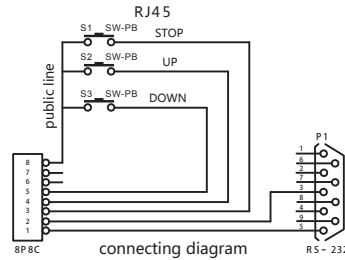
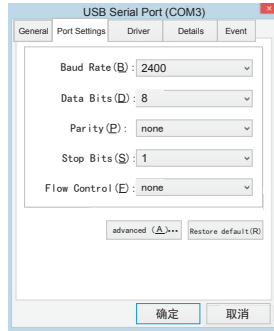
## RS485/RS232 Port settings:

- Data Bits :8
- Start Bits :1
- Stop Bits : 1
- Baud Rate :2400

### Hex Contro Code:

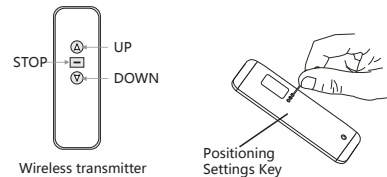
- UP: FFEFFFFFFD
- STOP: FFEFFFFFFC
- DOW: FFEFFFFFFE
- Some central controls need to set the address code FFEFFFFFFA

Learn address code instructions : FFXXXXXXAA  
(XXXXXX is a hexadecimal character other than E and 5)



## note:

- When connecting to RS232 or RS485, if there is any motion that cannot be controlled by the screen, please adjust the two control lines;
- Wiring loop resistance is less than 20Ω;
- Do not run in parallel with strong interference sources;
- 232 port setting: 2400, n, 8, 1 A data string should be sent twice consecutively.



## Wireless control:

- Press the up button, the screen will rise.
- Press the stop button, the screen stop
- Press the down button, the screen down.

### Code pairing / deleting (factory pairing is successful):

Long press the cycle button for 3 seconds, the screen is jogged once to enter the code-matching state; within 10 seconds, the remote control up and stop buttons are also pressed, and the screen is jogged again to complete the code-matching; the code deletion is the same as the code-matching operation, odd times The operation is code pairing; even code deletion.

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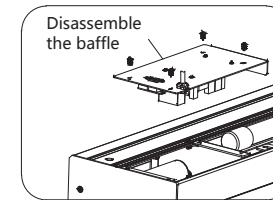
Intelligent electronic stroke positioning (this product can set the up and down stroke of the fabric through the remote control)

### Operation method:

Upward stroke setting: Positioning setting key (light on) → Up key → Up and down remote control to the desired position → Stop → Positioning setting key (light off) → Upward travel record success  
Downstroke setting: Positioning setting key (light on) → Down arrow key → Remote control up and down to the desired position → Stop → Positioning setting key (light off) → Downstroke recorded successfully

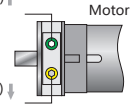
## Adjusting method of fabric retracting (upper limit) and unfolding (lower limit):

If it is really necessary to adjust the limit height due to the installation environment or site limitation, you can use the motor positioning adjustment key to rotate the knob on the motor limiter; Just remove the baffle at the power end to find the position of the motor



Green button  
Retracted height (upper limit) ↑  
↻ Clockwise : Down  
↺ Counterclockwise : Up

yellow button  
Unfolding height (lower limit) ↓  
↻ Clockwise : Up  
↺ Counterclockwise : Down



## pay attention:

In order to ensure the accuracy and safety of the screen position, the screen must be raised and lowered every half circle of the button to check whether the position is moved correctly! Be especially careful when adjusting the height of the screen recovery. Excessive adjustment will cause the lower rod to jam into the shell and cause serious consequences such as damage to the screen or falling of the lower rod! Be careful when adjusting the unfolding height of the curtain. Always keep the curtain wrapped around the rotating tube with 1.5 turns or more to ensure that the curtain will not fall.

Electrical parameters: voltage AC220~230V/50-60Hz, current 1.5A.