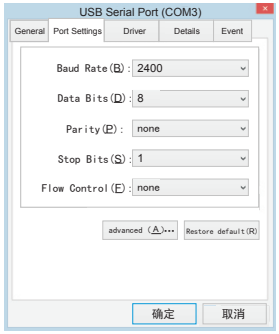
## Rs485 / Rs232 port settings

- Data bits : 8
- Start bits : 1
- Stop bits : 1

Baud rate : 2400

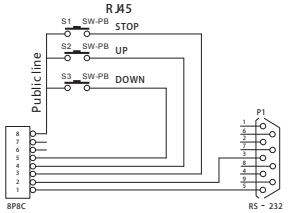



## Hex Control Code

- UP : FFEEEEEEDD
- STOP : FFEEEEEECC
- DOWN : FFEEEEEEEE
- Some central controls need to set the address code FFEEEEEEAA

Learn adress code instructions FFXXXXXXAA

(XXXXXX is a hexadecimal character other than E and 5)



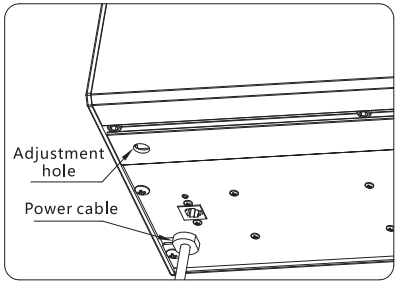

Connection diagram

## Note:

when connection to RS232 or RS485,if there is any motion that cannot be controllde by the screen,please switch the contrll wires;
wiring loop resistance is less than 20Ω;
Do not run in parallel with strong interference sourcse;
230 port settings:2400,n,8,1 a data string must be sent twice consecutively.

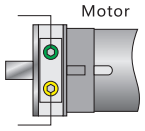
## Adjusting method of screen retracted height (upper limit) and expanded height (lower limit):

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; the limiter adjustment knob is located in the 12 round hole next to the power cord outlet.




Yellow button
Retracted height(upper limit)
Clockwise down
Counterclockwise up

Green button
Unfolding height (lower limit)
Clockwise Up
Counterclockwise Down




## Pay attention:

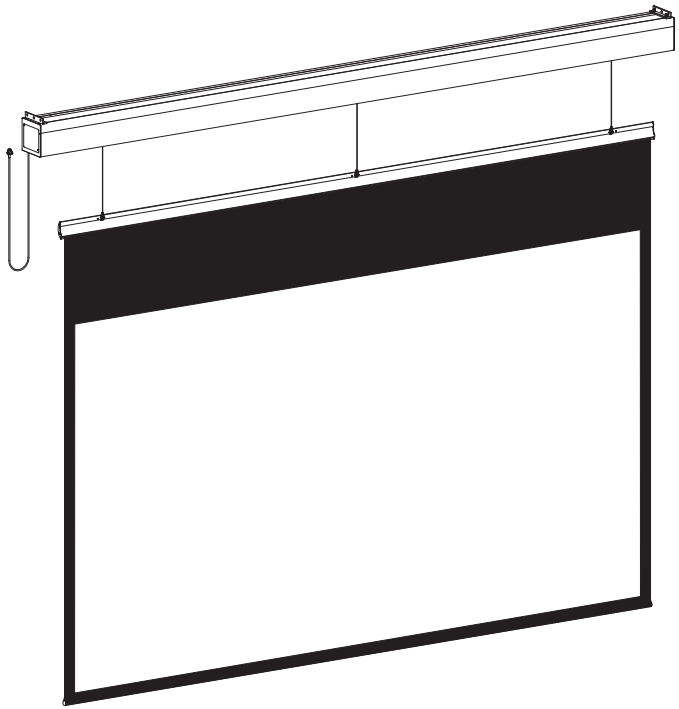
In order to ensure the accuracy and safety of the screen position, the screen must be raised and lowered after each half-turn of the button to check whether the position has been moved correctly!
Special care should be taken when adjusting the screen recovery height. Excessive adjustment will cause the lower rod to be caught in the casing, causing serious consequences of damaging the curtain or falling the lower rod!
Care must also be taken when adjusting the height of the screen deployment. Make sure that the length of the cable extension is within 5 meters. Excessive adjustment will cause the cable runner to reverse and the screen cannot be recovered.
Electrical parameters: voltage AC220 ~ 230V / 50-60Hz, current 1.5A.
Wireless remote control (F): voltage 3V, using battery CR2032X2, transmission frequency; 868MHz, effective control distance of about 15 meters.

GRANDVIEW CRYSTAL SCREEN CO.LTD.
NO 43.S,Guomao Ave.Hualong,Panyu,Guangzhou,GuangDong.P.R.C
After sales service Tel:020-84899499

Grandview

# User Manual for Skyshow Series Model CIII

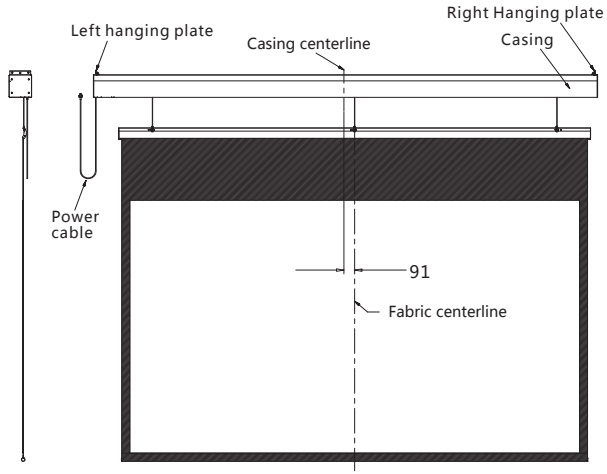
Integrated Motorized Screen Suitable for
Model Named Sk-MFxxxCIII(xGxx)

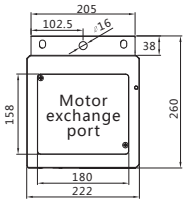


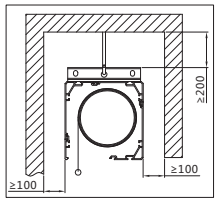
## Warm reminders

- Thank you for choosing Grandview products. Please read the manual carefully before installation and use, and keep it in your collection for future reference.
- This product must be installed by a qualified professional after assessing the feasibility of environmental, power, and structural safety.
- Before you turn on the screen, make sure you have cleared all the stickers that fix the bottom bar and the case of the screen.
- It is forbidden to control the screen wire to rise and fall under the condition that the screen wire is not taut or the screen is hanging naturally.

## Screen structure




Screen hidden installation location

## Accessories

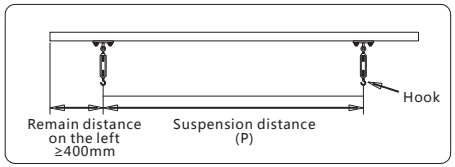
- Motorized adjust tool (1)
- Remote control(1pc)
- Warranty Card (1)
- Instruction manual (1)

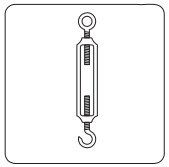
## Installation method and precautions

Note: Due to structural reasons, the position of the screen is not the center of the screen, but it is offset by about 91mm to the right. This should be taken into account when determining the location of the mounting hole; it is also recommended to keep a distance of 0.4 meters on the side of the screen power cord for future service.

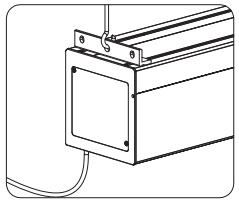
## Suspension installation

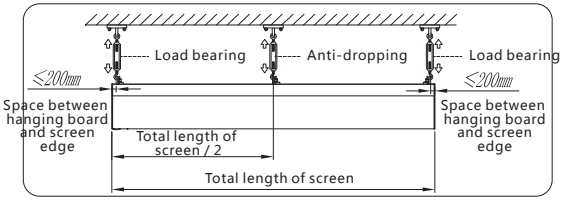
Measure the horizontal distance of the hanging plate (the hanging plate can adjust the position within the size range according to the actual situation), and determine the installation position of the screen with the length of the product. Recommended hook type is adjustable;



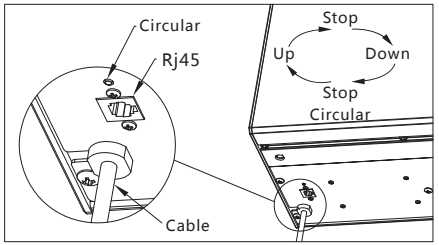
Hook the hooks to the middle circular holes on the left, middle and right hanging plates respectively, adjust the length of the hooks to the level of the screen, and complete the lifting; ( Note: The left and right hanging plates are the main stress points, and the middle hanging plate is the secondary stress point. and the middle hanging plate is only suitable for shell length 6≥ meters, less than 6 meters, no need to install the middle hook)






## Screen control function description

Intelligent electric screen has 4 control methods:
A. Manual control (cycle button)
B. Wireless control
C. Dry contact control
D. RS485 or RS232 control

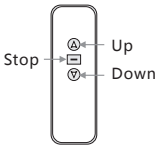



## Manual control

The manual control button is on the left end of the screen casing (near the RJ45 interface).
This button is a circular control button.

## Wireless control

Press the up button, the screen will rise
Press the stop button the screen stop
Press down button, the screen drops




Wireless transmitter

## FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

NOTE 2:
Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Code pairing / deleting (pairing is successful when leave factory)

The first type: long press the cycle button for 3 seconds, the screen is jogged once to enter the code-matching state; within 10 seconds, press the remote control up and stop keys simultaneously, the screen is jogged again to complete the code-matching; code deletion is the same as code-coding Odd times are pairing; even times are deleting.

The second type: disconnect the independent power of the screen for 10 seconds and then reconnect the power. Press the remote control up and stop buttons simultaneously within 10 seconds, the screen is jogged a little, and the code is

Code deletion is the same as code pairing operation. The odd operation is code pairing and the even operation is code deletion.

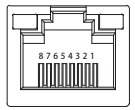
Intelligent electronic stroke positioning (this product can set the up and down stroke of the curtain through the remote control)

Operation method:

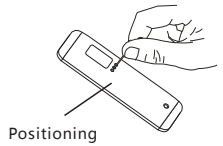
Upward stroke setting: Positioning setting key (light on) → Up key → Up and down remote control to the desired position → Stop → Positioning setting key (light off) → Upward travel record success
Downstroke setting: Positioning setting key (light on) → Down arrow key → Remote control up and down to the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

## Dry contact, RS485 or RS232 control

| Rj45 each line menu | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Connection port line number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Function | RS485-B RS232-GND | RS485-A RS232-TXD | Stop | Up | Down | | | Public line |




Rj45



Positioning Settings Key