Dry Contact,RS485 & RS232 Wiring Map:

Line	1	2	3	4	5	6	7	8
Function	RS485-B RS232-GND	RS485-A RS232-TXD	STOP	UP	DOWN			COMMON LINE

connecting diagram
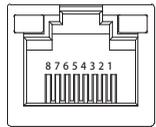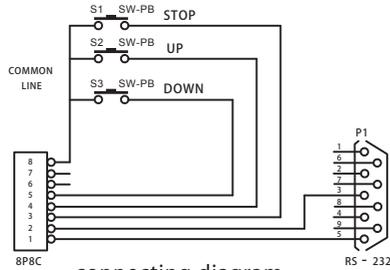
RS485/RS232 control protocal:
- Baud Rate: 2400
- Data Bits: 8
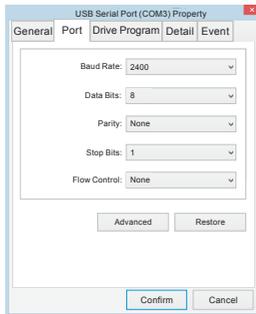- Stop Bits: 1
- Parity: None

Hex command:
- Screen UP: ff ee ee ee dd
- Stop: ff ee ee ee cc
- Down: ff ee ee ee ee

Learning address code instruction:
FFXXXXXXAA
(XXXXXX are hexadecimal characters except E and 5)

Cancel address code instruction:
FFXXXXXXA6

Note:
- **When setting RS232 or RS485, if the screen is not able to operate as it is, please switch position of No. 1 and No. 2.**
- **The electric resistance of return circuit is less than 20Ω.**
- Do not do wiring nearby interference sources.

Setting for Up and Down Limited Positioning for Motor:
- **The limited positioning of motor has been defaulted when EX-factory, it is not allowed to reset.**

Screen: Voltage AC220-230V/50/60HZ, 1.5Amp, power 60watts.
RF remote(F): Voltage 3V, use CR2450*1 battery.
Radio Frequency 868Hz. maximum control distance 15m.
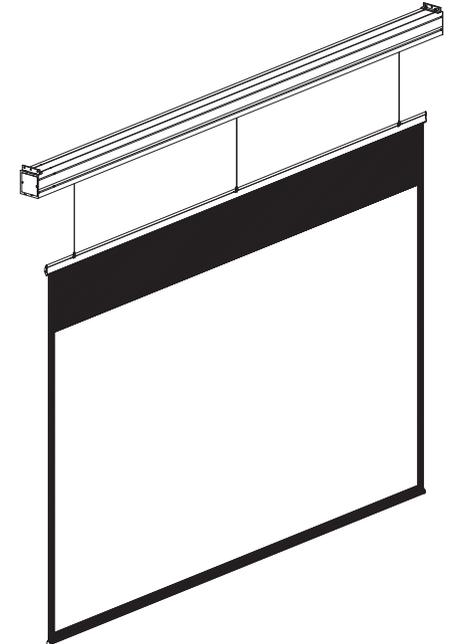
Grandview

Protecting your Screen:
To ensure long lasting viewing enjoyment keep the screen rolled up when not in use. Check both the front and back surfaces before retracting into the case to make sure it is free of dust, dirt, insects or other foreign matter. Use a soft brush or cloth to lightly remove any foreign particles.

Cleaning your Screen:
Use warm water with a mild detergent to remove any marks on the surface or screen casing (only dab, do not rub). Immediately dry the screen with a soft cloth or towel. Do not leave it to air dry.

Never use any solvents, chemicals or abrasive cleaners on the screen surface as they can permanently damage the screen surface.
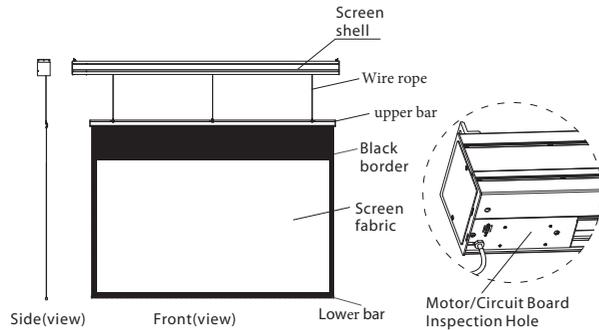
Guangzhou Grandview Crystal Screen CO., Ltd

No. 43 building, South national trade avenue, Hualong town, Panyu district, Guangzhou City, Guangdong Province, CHINA.

For information please go to www.grandviewscreen.com or call 86 (020) 84899499

Grandview

User Manual for SkyShow Series Model D2

Integrated Motorized Screen
Suitable for Model Named SK-MFxxxD2

Caution:
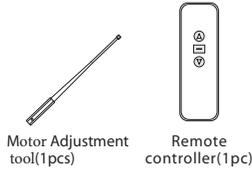Please remove all the stickers before operate the screen.

Dear Customers:

Thank you for the purchasing of Grandview Skyshow series D-type projection screen. Before your normal using of product, please read the specification first, and keep it well for future reference.

Ceiling hanging Installation

Screen shell
Wire rope
upper bar
Black border
Screen fabric
Motor/Circuit Board Inspection Hole
Side(view)   Front(view)   Lower bar

Accessaries:

Motor Adjustment tool(1pcs)   Remote controller(1pc)

Installation preparation

- Please prepare below necessary Installation tools: Screws driver, leveling Instrument, tape measure and marker.

- Before installation, please measure the installation screws distance and mark the screws position.

- It must be assured the screen is fixed firmly onto the wall which is strong enough according to the size and self weight.

- After installation, keep the casing both edge level.

Ceiling hanging Installation

- It is recommended to use hook available with adjustable length, please check below:

Concrete ceiling
Required Installation distance
Hook
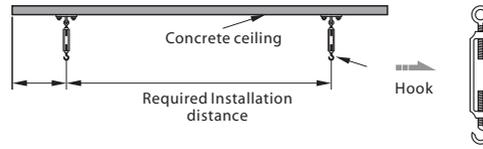
Make sure that the hooks are installed firmly, connect the hanging plates at the left and right ends of the screen to the hooks, and fix the screen to ensure that the screen will not accidentally slip off the hooks under any circumstances. As shown:

Mounting bracket
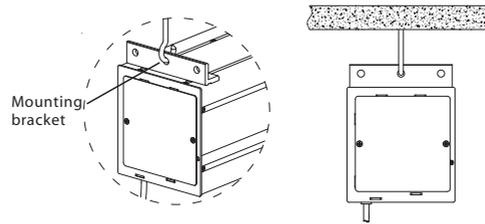
Recessed Installation

- According to the needs of the installation environment, the screen shell can be hidden in the grooves on the wall and ceiling. The installation method is the same as the suspension installation.

≥100 ≥100
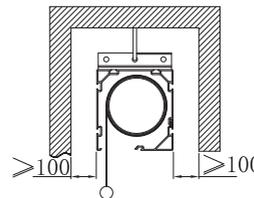
Important note:
This product is using Single-phase AC power supply, must well connected to earth wire before operation.

Power connection:
Grandview screen is pre-install with your local plug, you can operate the screen easily when power supply is connected.
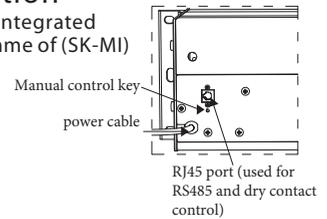
Operation matters
It is forbidden for the screen wire rope to control the screen up and down under the untensioned or unnatural hanging state.

Fabric control instruction

4 Control ways are available for integrated motorized screen with model name of (SK-MI)

A. Manual control (cyclic key)
B. Wireless remote
C. LVC
D. RS485 or RS232

Manual control key
power cable
RJ45 port (used for RS485 and dry contact control)

A. Manual control:

Manual control button is on the left side of the casing (close to RS485 and dry contact interface), this is a cycle control button.

Stop
Up   Down
Stop
Cycle control
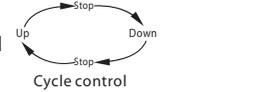
B. RF remote with model name :

- Press Up button, screen retract
- Press Stop button, screen stop
- Press Down button, screen expand
- RF remote is pre-setting in factory with the screen, also can reset if necessary.

Up button
Stop button
Down button
RF emitter for model named
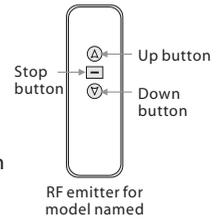
Remote pairing:
1/Long press the cycle button for 3 seconds, the fabric jogs once and enter into code pairing state. 2/Press UP & STOP button together for 10 seconds. 3/the fabric joys and code pairing completed.
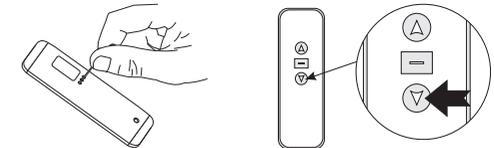
Remote un-pairing:
1/Long press the cycle button for 3 seconds, the fabric jogs once and enter into code pairing state. 2/Press UP & STOP button together for 10 seconds. 3/the fabric joys and code pairing cleared.

Electronic positioning by Remote：

- User could set the down limit with remote according to requirement.

- **Use a small pin fit to size to insert into positioning setting keyhole at rear side of remote and press it to make the blue light on. Then press "down" key on remote to operate screen to go down. When screen moves to the required position, please press positioning setting key with pin again to make screen stop and the blue light would be also turned off. This is the down positioning set as required. Please check below:**

Note: Maximum travel distance of steel wire is 5meters.