

Operation Instructions using manual switch control:

- To operate your manual switch control (figure 1)
- The screen is fitted with 2 limits and the limits automatically stop the screen in the fully Up(top limit) and fully Down (bottom limit) positions.
- Tap to position " = " to lower the screen (figure 2),
- Tap to position " — " to lift the screen (figure 3),
- Tap to position " • " to stop the screen.



figure 1

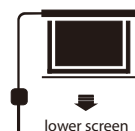


figure 2

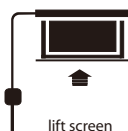
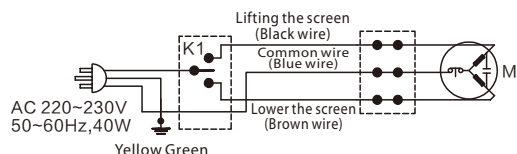


figure 3

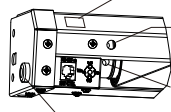
Electronics Wiring Diagram(M):



Setting the top/bottom limit:

- Adjusting the top/bottom limit to set your viewing heights on demand. The limit switch is accessible through a grommated hole on the left side of the casing. Lower/lifting the screen to the desired position then insert the supplied Hex key into the appropriate screw as below figure shows.

Window of built in sensor(Intelligent screen with in-built MR control only)



Power cable

Top limit
adjusting hole

Bottom limit
adjusting hole

Green screw

Top limit

↻ Turn it clockwise: lower

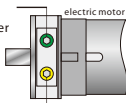
↻ Anti-clockwise: lift

Yellow screw

Bottom limit

↻ Clockwise: lift

↻ Anti-clockwise: lower



Caution:

Setting the top limit beyond the bottom bar may render your screen inoperable and void your warranty. When lowering the bottom limit over 100mm more than default setting may damage fabric and caused dropping dangerous.

Screen: Voltage AC220-230V/50-60HZ, 0.2Amp, power 40watts.

RF remote(F): Voltage 3V, AAA *2 batteries.

Radio Frequency: 868MHZ, Range 15meters.

IR remote: Voltage 3V, AAA *2 batteries, Range 8meters, Angle 120 degree.

Crystal

Crystal By Grandview Series Screen

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.

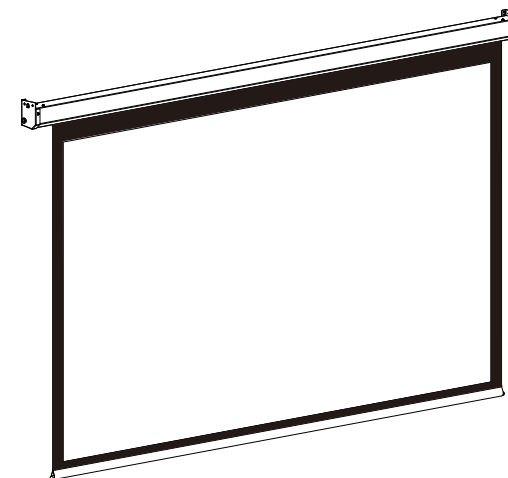
Cleaning your Screen:

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.

Crystal

Crystal By Grandview Series Screen



User Manual of Motorized Screen
with Inline Switch or Integrated Control System

Model:

CY-M

CY-MR

CY-MF

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Web: www.grandviewscreen.com

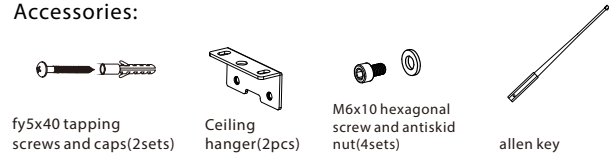


To the owner

Congratulations on purchasing a Crystal By Grandview Screen. Please read instructions carefully before use and store instructions for future reference.

Before you start

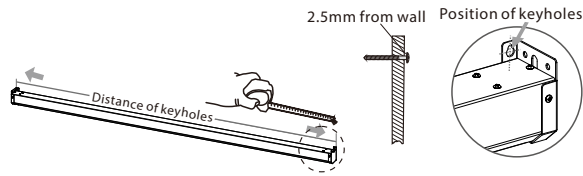
Accessories:



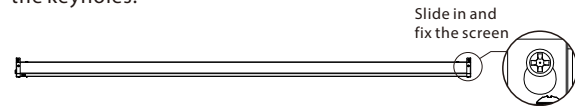
- Use the correct tools: a screw driver, a level, a measuring tape and a pencil to mark with.
- Measure the bracket position accurately before attaching to the wall or ceiling.
- Ensure the both sides of screens are in level.

Wall mount

- Measure the distance of keyholes between both sides of casing. Drill the 2 screws horizontally according to the measurement, and ensure leaving least 2.5mm from wall to hand the casing.



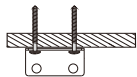
- Mount the screen firmly and confirm the outer nut is out of the keyholes.



Ceiling Mount

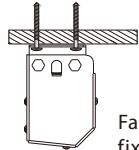
1. (Figure):

Step 1:



Install hanger to the ceiling according to the distance of keyholes.

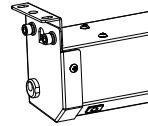
Step 2:



Fasten screws and fix the casing to the hangers.

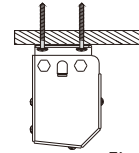
2. (Figure):

Step 1:



Instal hanger to the end cap of casing via screws.

Step 2:



Fix the hangers to the ceiling.

Caution:

Before operating the screen you must remove the white adhesive tape which holds the dropper bar to the screen case.

Notices:

- Confirm the bearing of mouting wall/ceiling is over 25KGs.
- For your safety, please make sure there is a earth wire of power socket.
- For external force power control, the operation should be done by professional operator and the central controller should has a positive and negative control over 0.2 seconds.

Electrical installation:

Crystal By Grandview screen come with an standard plug. Simply plug in and your screen is ready to use.

Operating Instructions

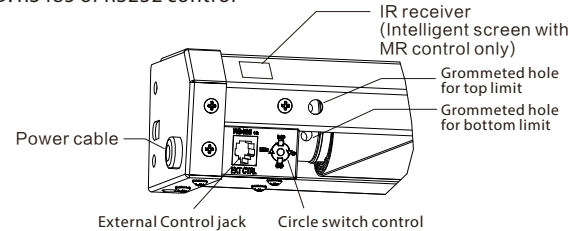
4 different control ways for intelligent screen(MR):

A. Manual option(Circle switch control)

B. IR or RF control

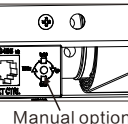
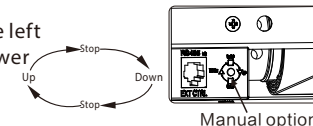
C. Trigger control

D. RS485 or RS232 control



A. Manual control:

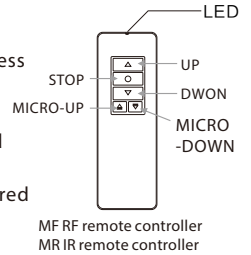
The control button is at the left side of casing, near the power cable, and will be circle changed of each tapping as Stop-Down-Stop-Up.



B. IR control MR or RF control MF:

Controller button instruction

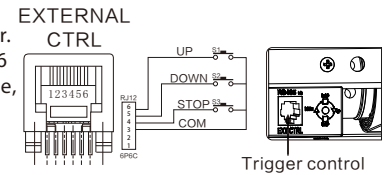
- To lift screen press UP.
- To hold screen at desired position press STOP .
- To lower screen press DOWN
- To lift the screen little at your desired position press MICRO-UP
- To lower the screen little at your desired position press MICRO-DOWN



- Matching Screen and RF remote controller: Screen with RF control has a matching controller in the package.
(1)To redo the matching, please press the manual control button for 3seconds. (2)Press UP and STOP button of controller for 10seconds. Screen will lift and lower automatically when finishing the matching.

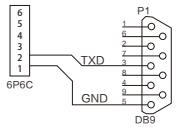
C. Using close contact:

Simply contact RJ12 6P6C connector. From left to right, 3-6 is control signal cable, 3 is common cable, 4 is stop, 5 is lower, 6 is lift.



D. RS485 or RS232 control

From left to right, 1 & 2 cable for control. For RS485, cable 1 is D-, cable 2 is D+. The connecting of RS232 as figure shows.



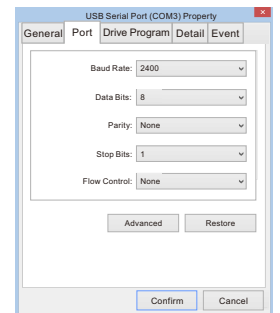
RS485/RS232 control protocol:

- 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

In some cases you may need to enable the RS-232 control by sending hex command: ff ee ee ee aa



Caution:

- Swap the control cable is loose control of screen after connected RS232 or Rs485.
- Resistance of circuit board is less than 20 Ohm.
- Don't be along with the force interference source cable.