

# Grandview®

## Fantasy Integrated TabTensioned Motorized Screen

Grandview®



Model: LF-MIxxFII

### Grandview Crystal Screen Canada Ltd.

#11- 3751 North Fraser Way,  
Marine Way Business Centre,  
Burnaby, BC, Canada V5J 5G4  
Tel: 1-604-412-9777 Fax: 1-604-412-9796  
Website: [www.grandviewscreen.ca](http://www.grandviewscreen.ca)

### Guangzhou Grandview Crystal Screen Co., Ltd.

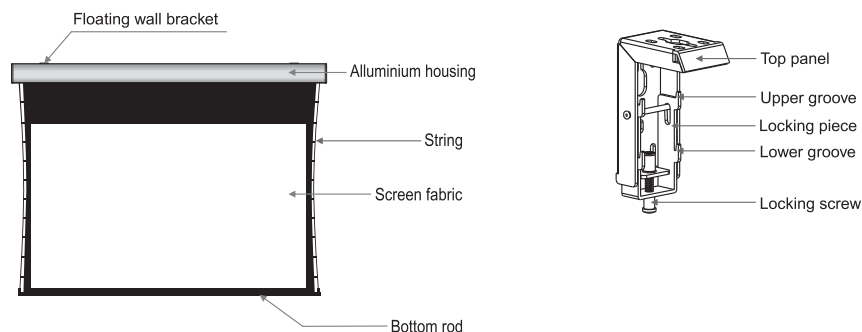
No.43, Guomao Road South, Hualong Town,  
Panyu District, Guangzhou City, China  
Tel: +8620-8489-9499 Fax: +8620-8480-3343  
Website: [www.grandviewscreen.com](http://www.grandviewscreen.com)  
[www.grandviewscreen.com.cn](http://www.grandviewscreen.com.cn)



Thank you for purchasing a Grandview projection screen.

Before use, please read instructions carefully. After installation, store instructions for future reference.

## Description



## Accessories

- Floating mounting bracket (2pcs)



- $\varnothing 5 \times 40$ mm Tapping screw & cap (8sets)



- M5x10 Screw (6pcs)



- Ceiling hanger (2pcs)



- Trigger line ( 1pc )



- External IR receiver (1pc)



- Allen key (1pc)



- Remote Controller (1pc)



## Motorized Screen Power Specifications

Voltage	Frequency	Watts	Application
230V/120V/100V	50Hz/60Hz	90W/80W	Applies to motorized screen up to 120"

## Warnings

- The warranty will only be valid if you follow the instructions below carefully! Improper use and care may cause serious injury and/or damage!.
- Make sure the Fixing screw be fastened when using the wall bracket, to avoid any damage.
- Make sure the surface you have chosen for installing the screen is flat and secure.
- While installing motorized screen, please hire professionals or your local dealer to ensure safety. A wrong connection may lead to fire or leaks.
- If you choose an IR remote control: Ensure that the receiving eye is not pointed directly at a light. This could result in damage and/or malfunction of the receiver; when installing the screen behind a valance, or in the ceiling, make sure to plug in the external IR receiver, and place the receiver outside of the valance or ceiling.
- Please read the following as any damage to the screen surface will affect the quality of the picture:
  - 1.Avoid contact or touching the screen surface as it may cause scratches or tears.
  - 2.Do not write or draw on the surface.
  - 3.Clean the screen with a soft cloth and lukewarm water. Do not use any detergent or cleaning products.
- Roll up the screen after every use. Ensure that the screen is level when installing; do not pull on the sides or fold the screen.
- To prevent unnecessary damage, the operating and maintenance of the screen should be done by adults.



Ignoring the safety warnings may lead to injuries and/or damaging the product.



Fixtures should be installed in a secure place to avoid accidents or the screen falling.



Do not connect any electrical attachments or remote controls.



Roll up the screen after every use. Leaving it hanging for a long period of time may cause the fabric to loosen.



Please contact your local dealer for repairs or maintenance. Please contact our company if you have any further questions. Avoid taking apart the fixtures yourself. Loose parts may cause the screen to fall.

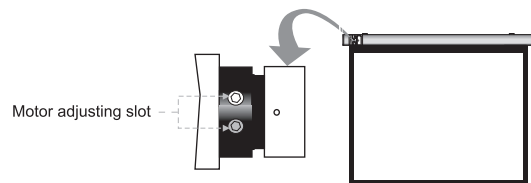


Refrain from hanging anything on the screen as it may cause the screen to fall.

Do not take apart and replace with unknown parts. If there are any problems, please contact your local dealer. Product specifications are subject to change.

#### Attention:

- > Please make sure there is no dust or dirt on the fabric surface before rolling it back to the casing
- > The recommended working time is less than 50 seconds. The motor will enter overheating protection status and stop working for every continuous 4 minutes operation, user would need to wait for a while until the motor cool down before operating again.
- > There is no lube needed for the motor. Please be noticed that the appropriate setting is optimized which requires no further adjustment, please consult the after sales team before adjusting the limits.



### How to adjust tension situation of the string

If the string is loose which is caused by bump on transportation or faulty operation (Figure 30), please rotate the String Adjustment Knob clockwise to make string tensional (Figure 31). If the string is over-tensional, please press the String Releasing Button and then rotate the String Adjustment Knob counter-clockwise to suitable tensional situation (Figure 32).

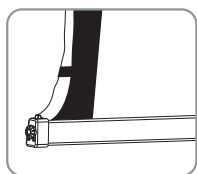


Figure 30

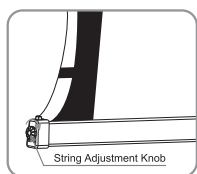


Figure 31

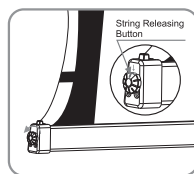


Figure 32

## Installation

Take out all the parts from the package and following the accessories guideline ensure all the parts are there. There are three different types of installation available for this product: wall mount, ceiling mount or ceiling hang. Depending on the installation environment, the floating mounting brackets can be installed at various points for your convenience. However, the ideal position for the mounting brackets is closer to the endcap as this will reduce vibration and noise.

### Wall and Ceiling Mount Installation

1. According to the surface of installation, choose the appropriate screws needed for mounting (regular screws for wood surfaces, tapping screws for concrete surfaces)
2. Mount the brackets onto the surface, ensuring it is level (tip: draw a erasable level line when mounting the brackets). See below for picture description (figure 1):

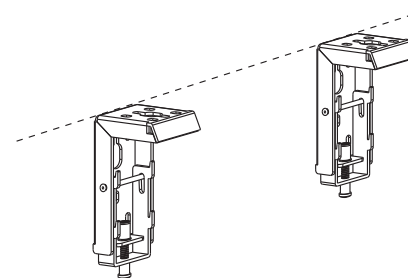


Figure 1

### Installation Steps:

1. Wood wall and ceiling installation: Drill in the  $\phi 5 \times 40$  screws through the appropriate holes in the bracket (figure 2-3)
2. Drywall and ceiling installation: Install the anchors and drill in the  $\phi 5 \times 40$  screws into the appropriate bracket holes (figure 4-5)

Wood wall installation

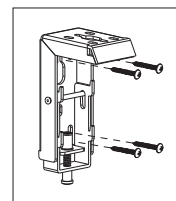


Figure 2

Wood ceiling installation

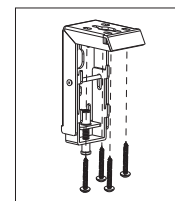


Figure 3

Concrete wall installation

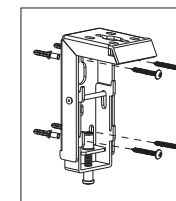


Figure 4

Concrete ceiling installation

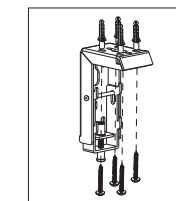


Figure 5

3. Loosen the locking screw to lower the locking piece down all the way (figure 6-7)

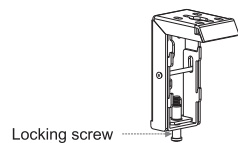


Figure 6

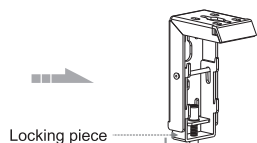


Figure 7

4. When mounting the screen onto the floating mounting brackets, ensure the grooves on the screen casing match up with the upper and lower grooves on the brackets. Simply slide in, and bracket's grooves will hold the casing in place. Horizontal adjustments can still be made (figure 8-10).

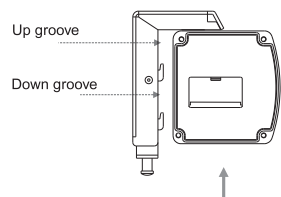


Figure 8

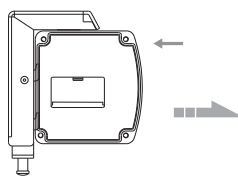


Figure 9

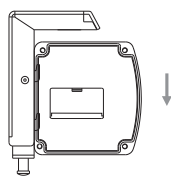


Figure 10

5. To lock the screen in place, close and tighten the locking screw on the mounting brackets. This will keep the screen casing locked firmly in place (figure 11-12).

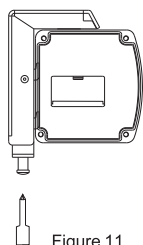


Figure 11

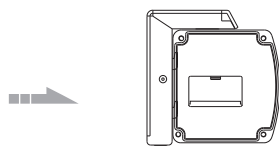


Figure 12

## Other Options Connection Diagram

### 1. Function Destriction for conversion from FM to IR Control

When you insert the Wireless Synchro Converter Receiver into EXTIR plug of the screen (Figure 45), you can use FM wireless remote control device. The Intelligent Synchro Power Supply Control Adapter (for all projectors), with 12V wireless trigger (for projectors with trigger output), can synchronously control the screen. (Figure 46-47)

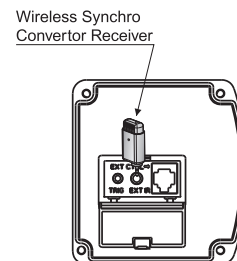


Figure 45

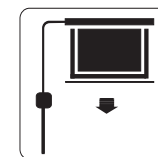


Figure 46

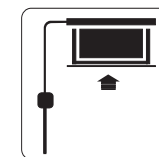


Figure 47

### 2. External Wall Switch

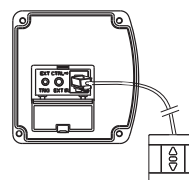


Figure 48

### 3. External Intelligent Wall Switch Connection

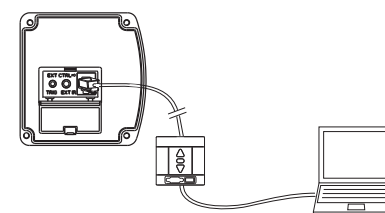


Figure 49

Manual control for screen up/stop/down.

Intelligent control for screen up/stop/down when connected to the intelligent interface of the screen.  
Intelligent control for screen up/stop/down when connected to the computer's RS232 or USB interface.



## Automatic Trigger Control Description

1. Insert one end of trigger into the trigger jack at left side of screen's end cap TRIG (Figure 22), and insert another end into 12V output hole.
2. When the projector is running, screen fabric will go down automatically; when the projector is closed, screen fabric will retreat automatically.
3. You can remove the 12V trigger wire if there is no need.

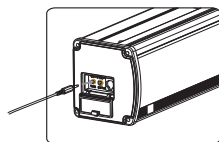


Figure 39

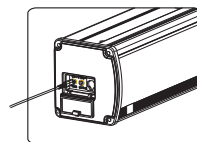


Figure 40

## External Controls (Central Control or RS232, Grandview Wall Switch) Function

Plug one side of the signal cord into the computer output jack at left side of the screen's end cap, the other side of the signal cord to the Central Control jack, RS232 or Grandview Wall Switch (Figure 41-42), and then you can control the up/stop/down of the screen via central control or computer.

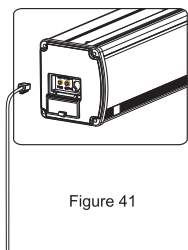


Figure 41

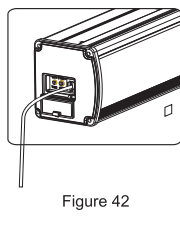


Figure 42



### RS232 interface settings :

bps: : 2400  
data bit : 8  
parity check : no  
stop bit : 1  
control code :  
up : 0xff,0xee,0xee,0xdd  
stop : 0xff,0xee,0xee,0xcc  
down : 0xff,0xee,0xee,0xee

## IR Remote Control Function

1. When nothing blocks the sight of IR window, you can use the controller to control the screen (Figure 43).
2. For hidden installation or IR window is blocked by something, please take out the External IR Receiver and plug its head to the relevant hole, and then fix it at the position where IR signal is available. (Figure 44)



Figure 43

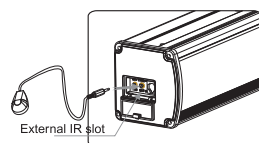


Figure 44

## Ceiling Hang Installation

Choose tapping screws with hangers (or other screws with hangers, not provided) according to your ceiling material. 5 x 40mm for wood ceilings and tapping screws for concrete ceilings are recommended.

1. Drill two identical holes with an electrical drill and ensure it is horizontal with the Wall. Fasten hangers (not provided) into the ceiling (figure 13).

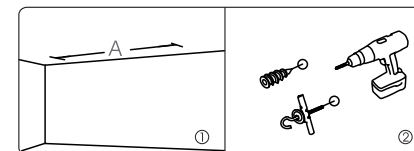


Figure 13

2. Use the M5 x 10 screws provided in the accessory package to fix the ceiling hanger into the wall bracket. Ensure the tightening screws on the wall bracket are tightened and secure. (figure 14-15)

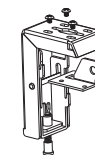


Figure 14

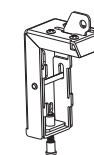


Figure 15

3. After inserting the ceiling hanger, ensure the grooves on the case housing match up with the mounting bracket. To secure the case housing into the brackets, tighten the locking screws. (figure 16-17)

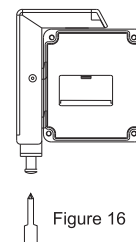


Figure 16

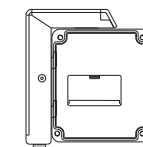


Figure 17

4. After completing steps 2 and 3, check to see whether the wall bracket is securely fixed onto the housing of the screen before hanging. Hang screen as shown below. (figure 18)

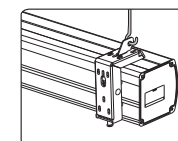


Figure 18

5. Fasten the Fixing screw on the bracket, to fix casing tightly onto the brackets.( Figure 33-34 )

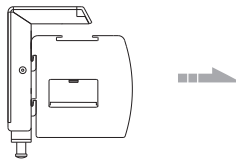


Figure 33

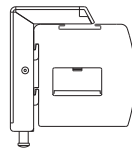
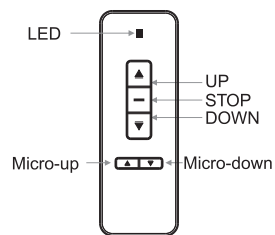


Figure 34

Refer to Page 3 for Suspension hanging.

## Instructions



Model:AC127

### Button Function and Operation Instruction :

- 1.Press UP button to lift the screen
- 2.Press STOP button to stop the screen
- 3.Press DOWN button to lower the screen
- 4.Press MICRO-UP button to retract the screen in small increments(150ms for each movement)
- 5.Press MICRO-DOWN button to lower the screen in small increments (150ms for each movement)

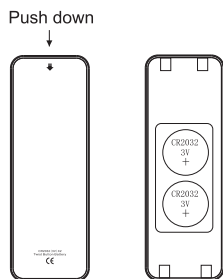
### Cautions:

- 1.The minimum distance between Controller and Receiver: 50cm
- 2.Workable within 8m in horizontal direction from the Receiver to the Controller
- 3.Do not cover the Controller's launching port while operation
- 4.Strictly ban operation in wet or high temperature environment.
- 5.Replacing batteries when the signal is faint or no signal.
- 6.Batteries for the Controller: 2 units CR2032 button cells.

### Batteries Installation Instruction:

When the signal of the Controller is faint, please replace the batteries as follow steps:

- 1.Reverse Controller to the back, push down as the arrow mark to open the cover.
- 2.Install two cells of battery and set the direction of positive and negative electrode just like the chart shows.
- 3.Close the battery cover.



## Operating Instructions

### Function Description

Press down and open the end cap door before using the control interface. Cover up the door if you do not need the external function.

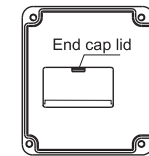


Figure 35

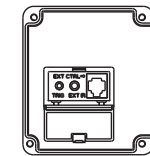


Figure 36

### How to use the Manual/Remote Control Switch Button (Figure 20-21)

This motorized screen has 4 types on control options: infrared (IR) remote control, manual control, triggered control, and external control (central control or RS232/USB).

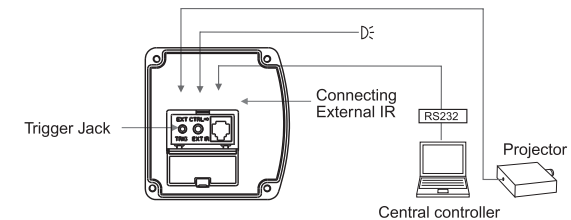
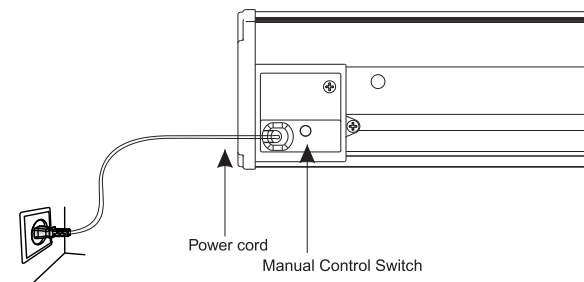


Figure 37

### Manual control switch description



Switch control follows such priority: Down-Stop-Up-Stop-Down.