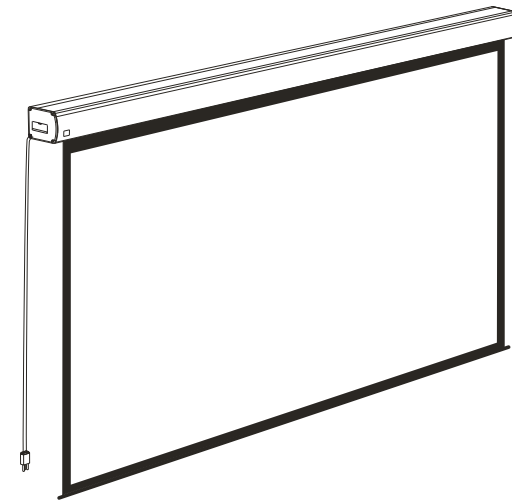


## Integrated Screen With IR Remote Control

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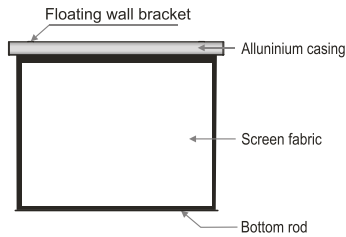


Model: PHOENIX

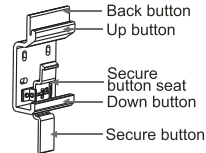


Thank you for purchasing a Grandview projection screen.  
Before use, please read instructions carefully. After installation, store instructions for future reference.

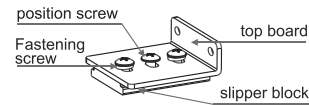
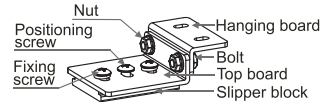
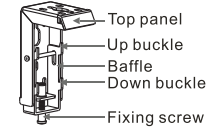
## Description



### Bracket A description



### Bracket B description



## Accessories

### Accessories for Bracket B installation

- Floating wall bracket(2pcs)
- $\phi 5 \times 40$ mm Tapping screw & cap (8 sets)
- $\phi 5 \times 60$ mm Wood screw (8pcs)
- Top Board (2pcs)
- M6x10 Screw (6pcs)
- Spring Washer (4pcs)
- External IR Receiver (1pc)
- Allen key (1pc)
- Instruction manual (1pc)
- Trigger line ( 1pc )
- Instruction manual (1pc)

### Motorized Screen Power Specifications

Voltage	Frequency	Watts	Application
230V/120V/100V	50Hz/60Hz	90W/80W	Applies to motorized screen up to 120"
230V/120V/100V	50Hz/60Hz	160W/90W	Applies to motorized screen between 150" and 200"

## Installation

### Floating wall bracket installation

- Choose screws for mounting according to wall material. ( Tips: Wood screws for wood wall, and Tapping screws for concrete wall.)
- Mount the brackets onto the wall, assuring they are at the horizontal level. (Tips: draw an erasable level line when mounting the brackets) (Figure 1) Here below are the details:

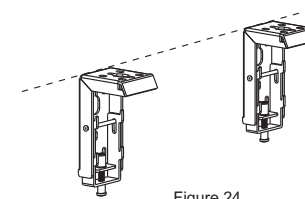


Figure 24

### Installation Steps

- Wood wall and ceiling installation: Drill in the  $\phi 4 \times 40$  screws through the appropriate holes in the bracket ( Figure 25-26 ).
- Drywall and ceiling and installation: Install the anchors and drill in the  $\phi 5 \times 40$  screws into the appropriate bracket holes. ( Figure 27-28 ).

#### Wood wall installation

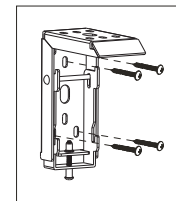


Figure 25

#### Wood ceiling installation

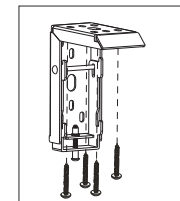


Figure 26

#### Concrete wall installation

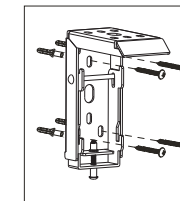


Figure 27

#### Concrete ceiling installation

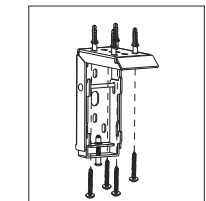


Figure 28

- Loose the Fixing screw to lower down the Baffle all the way. ( Figure 29-30 )

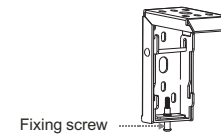


Figure 29

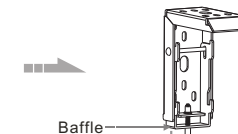
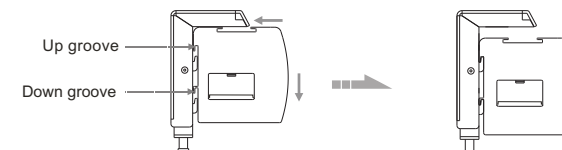


Figure 30

- When mounting the screen onto Floating wall brackets, make sure the Up groove and the Down groove on the housing match with the Up buckle and the Down buckle on the bracket separately. ( Figure 31-32 ).



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

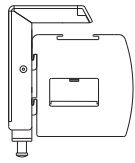


Figure 33

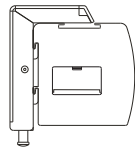
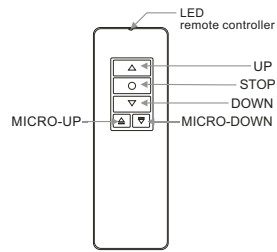


Figure 34

Refer to Page 3 for Suspension hanging.

## Instructions



1GD-IRan

### Controller button instruction

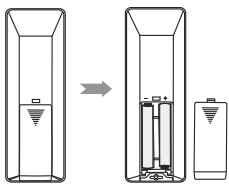
- 1.To raise screen press "UP!"
- 2.To hold screen at desired position press "STOP."
- 3.To lower screen press "DOWN."
4. To raise the screen little at your desired position press "MICRO-UP"
5. To lower the screen little at your desired position press "MICRO-DOWN"

### Caution:

- 1.The shortest distance between receiver and controller is 0.5 meter.
- 2.Controller will work within 30 degree away horizontally from the center of receiver point within 8 meters from the screen.
- 3.The controller will not work if the signal was covered by something.
- 4.Keep the controller far away from high temperature and humid situation.
- 5.Please change the battery when the signal is weak.
- 6.Please take the battery out if the controller was not being used for long time.
- 7.Please choose the same type battery as original supplied.

### How to install the battery:

- 1.Turn the controller around, push to open the cover as guide arrow.
- 2.Put the battery in according the guide of cathode and anode.
- 3.Close the 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.

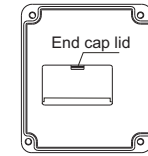


Figure 35

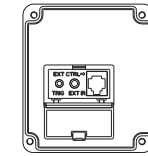


Figure 36

### 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).

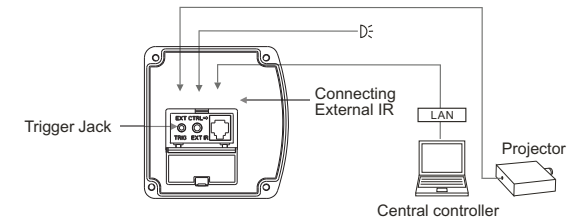
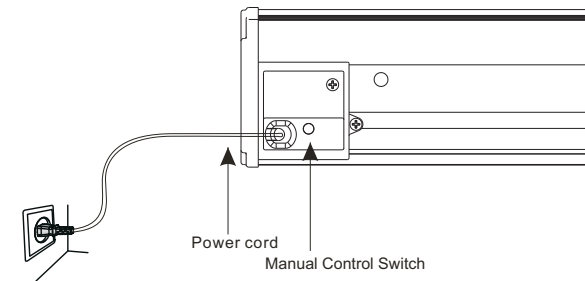


Figure 37

### Manual control switch description



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

## 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.

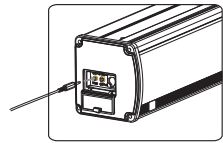


Figure 39

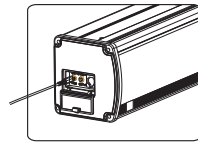


Figure 40

## 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.

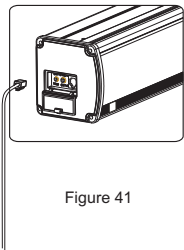


Figure 41

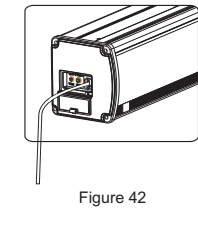


Figure 42

## 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)

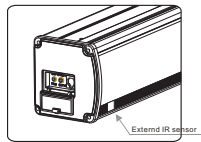


Figure 43

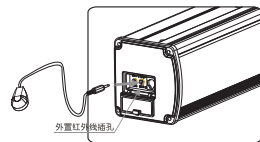


Figure 44

## Other Options Connection Diagram

### 一. Function Description 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)

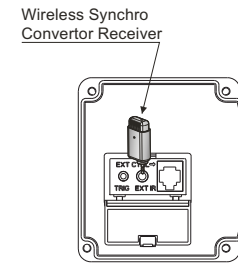


Figure 45

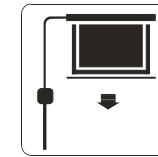


Figure 46

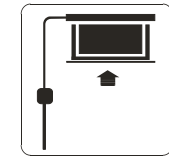
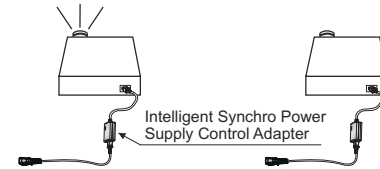


Figure 47



### 二. External Wall Switch

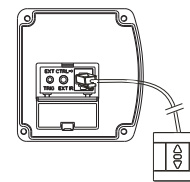


Figure 48

### 三. External Intelligent Wall Switch Connection

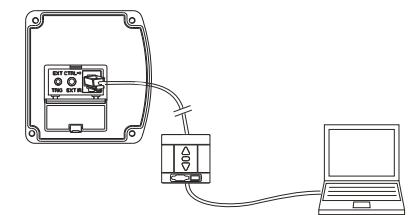
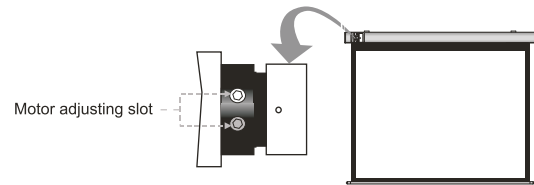


Figure 49

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.

To avoid overheating the motor, do not continually retract and lower the screen for over 4 minutes at a time. If the motor overheats, it will need a cool down time of 2 minutes. The motor does not need any lubricants. The drop and retract limit of the screen is factory preset to an optimal configuration. Please ask your local dealer or professional to adjust settings to avoid damaging the motor.



## 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.