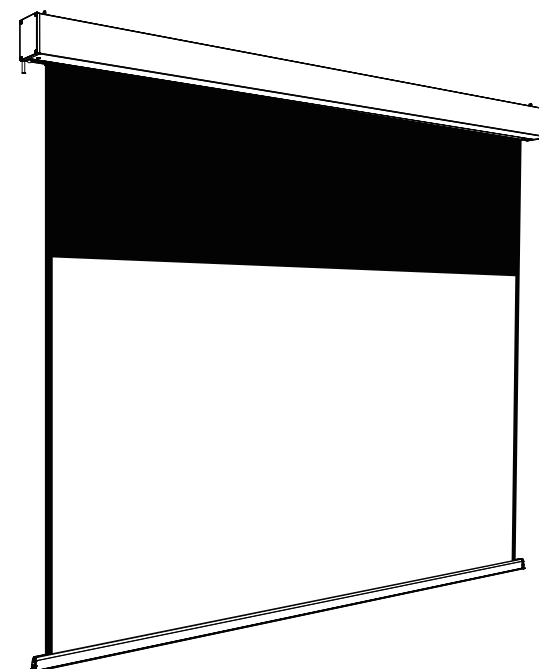


Grandview®

Fancy A II Series Motorized Screen Instruction Manual

MODEL : FC-MF xxxA II 、 FC-MI xxx A II



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Thank you for choosing Gandview products.
Please read the manual carefully before installation and use.

Precautions

- The ceiling or wall used for installation must have sufficient load-bearing capacity to prevent the screen from falling.
- Dirt or scratches on the screen surface may affect image quality. Please observe the following precautions:
 1. Do not touch the screen surface with your hands.
 2. Do not write or draw on the screen surface.
 3. Do not puncture or scratch the screen fabric with fingers or sharp objects, as this may cause permanent damage.
 4. Do not use thinners, solvents, or other corrosive cleaning agents to clean the screen fabric.
- After use, always retract the screen completely into the housing.
- For wall-mounted installation, ensure all mounting points are level so that the screen remains properly aligned when fully deployed.
- Do not pull the sides of the screen fabric by hand. Folding the screen fabric is strictly prohibited.
- To avoid unnecessary injury, installation, operation, and maintenance should be performed by adults only.

Important Notice:

- Before retracting the screen into the housing, ensure the screen surface is free from dust, insects, or foreign objects.

 Warning	Failure to follow these warnings or improper operation may result in personal injury, loss of life, or product damage.	 Mandatory	The screen must be installed on a structure with sufficient load-bearing capacity. Failure to do so may result in accidents or screen detachment.
 Do Not Hang Objects	Do not hang any objects from the screen housing or bottom bar, as this may cause the product or screen fabric to fall.	 Mandatory	After use, retract the screen into the housing to protect it from dust and contamination.
 Do Not Disassemble	Do not disassemble the screen or loosen any screws. For repair or adjustment, please contact your dealer or qualified service personnel.		

Note: Users must not disassemble or replace any components without authorization. If a malfunction occurs, please contact the service department for repair. Product functions and structures are subject to change without prior notice.

Operation Guidelines

D. Dry Contact Control

The control output port is connected to an RJ45 8P8C plug, starting from the left, 3 – DOWN, 4 - UP, 5 - STOP, 8 - COMMON. (Figure 32)

E. DC12V Trigger Control

For DC trigger control via RJ45 8P8C connector: Pin 6 = DC 12V+, Pin 7 = DC 12V- (see Fig. 32). When DC 12V is applied, the screen deploys; when DC 12V is disconnected, the screen retracts.

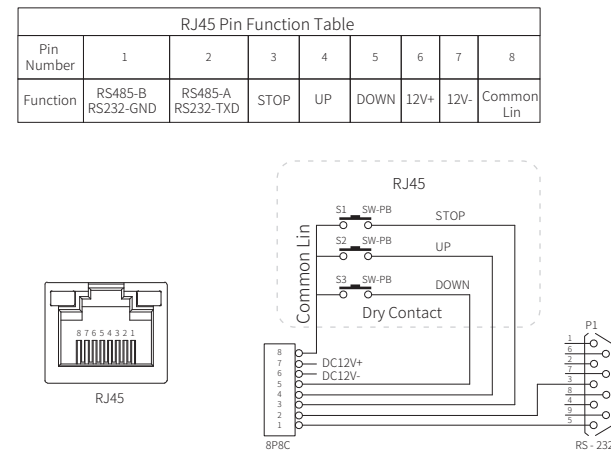


Figure 32

Operation Guidelines

● Electronic Limit Setting (Infrared Remote Control)

Open the back cover of the infrared remote control. Use a pin to briefly press the “Set” button on the back of the remote control (see Fig. 28). The blue LED will flash once, and the screen will jog up and down once to indicate that setting mode has been activated.

1. Lower Limit Setting

After entering setting mode, lower the screen to the desired position and press the Stop button. Then press the Stop and Down buttons simultaneously. The screen will jog up and down once to confirm that the lower limit has been set.

2. Upper Limit Setting

After entering setting mode, raise the screen to the desired position and press the Stop button. Then press the Stop and Up buttons simultaneously. The screen will jog up and down once to confirm that the upper limit has been set.

C. RS485/ RS232 Control

The control output port is connected to an RJ45 (8P8C) plug, with lines 1 and 2 being the control lines.

For RS485 control connection, line 1 is D⁻, and line 2 is D⁺.

For RS232 control connection, please refer to the Figure 31.

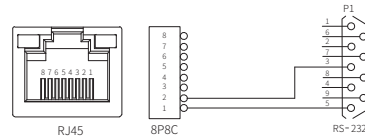
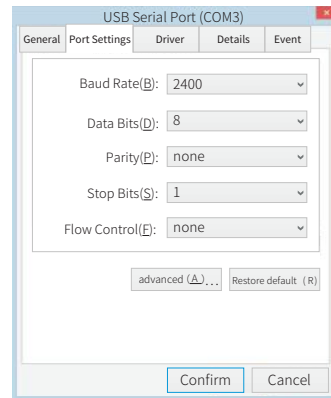


Figure 31

RS485 / RS232 Port Configuration:

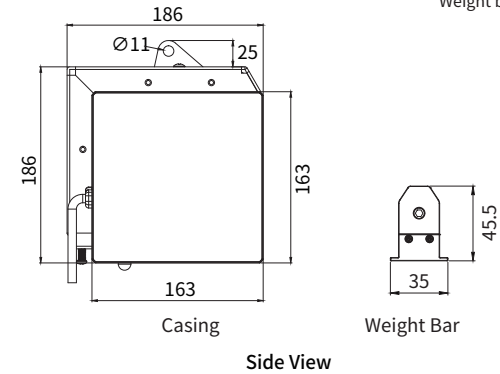
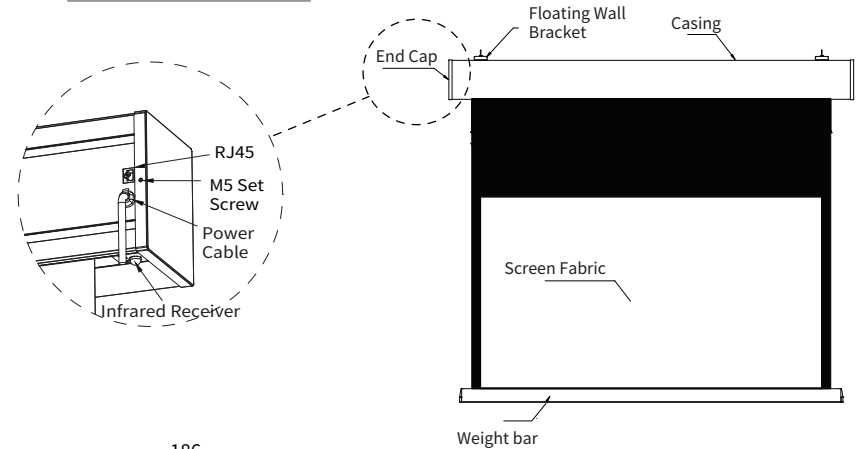
- Baud Rate: 2400
- Data Bits: 8
- Parity: None
- Stop Bit: 1
- UP: FFFFFFFE
- STOP: FFFFFFFC
- DOWN: FFFFFFFE
- Some central control systems may require setting address code: FFFFFFFE
- Address Learning Command: FF XX XX XX AA
(XX XX XX represents any hexadecimal characters except E and 5)



Notes:

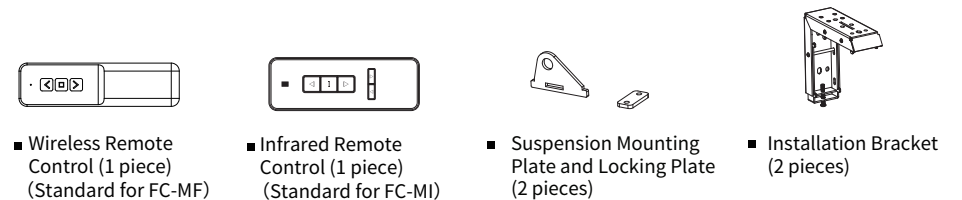
- When connecting RS232 or RS485, if the screen cannot be controlled to perform related actions, please swap the two control lines.
- The wiring loop resistance should be less than 20Ω.
- Do not run wiring parallel to strong interference sources.

Screen Structure



Side View

Accessory Diagram



■ M8×60 Expansion Bolts (4 pcs)



■ Ø6x50mm Self-tapping Screws and Expansion Glue (6 pieces)



■ Ø5x10mm Machine Screws (4 pieces)

■ Instruction Manual (1 piece)

Installation Steps

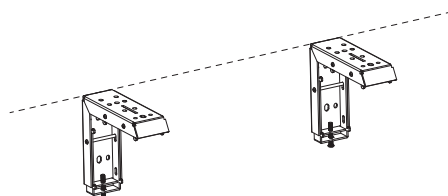
1. Open the package, check if the necessary parts are complete according to the accessory diagram in the manual, then carefully remove the required parts from the package and place them in the proper location. Follow the instructions below to proceed with the installation.

2. This product can be installed using either a sliding backplate bracket or a suspension backplate bracket. The installation distance can be adjusted by moving the backplate or suspension bracket according to the site requirements. The ideal installation position is to place the bracket as close as possible to both ends of the casing, which helps reduce vibration and noise.

I. Sliding Backplate Bracket Installation Method

1. Based on your needs, choose wall installation or ceiling installation. (Recommendation: If the wall or ceiling is made of wood, use wood screws; if it is made of concrete, use expansion bolts)

2. Install the bracket on the surface corresponding to the back or top of the screen, ensuring that both left and right brackets are aligned horizontally.



Figures 1

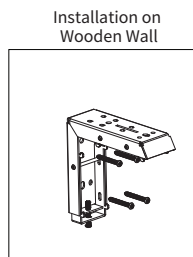
Installation Methods:

a. Installation on Wooden Walls or Ceilings:

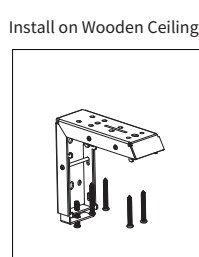
Insert four Ø6x50 self-tapping screws through the corresponding holes in the back or top of the mounting frame, and secure them to the wall or ceiling. (As shown in Figures 2-3)

b. Concrete Wall or Ceiling Installation:

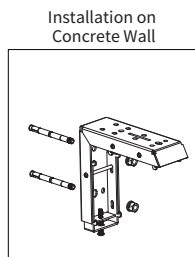
Place the mounting plate at the desired installation position. Mark the large hole locations on the mounting plate with a pen. Drill the holes for the expansion anchors, then insert the M8 expansion bolts. Position the mounting plate onto the anchors and tighten the nuts securely to complete the mounting plate installation.



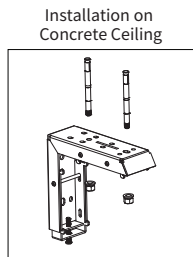
Figures 2



Figures 3



Figures 4



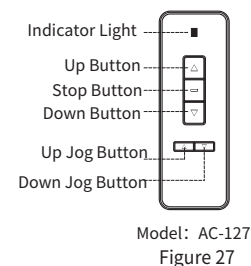
Figures 5

Operation Guidelines

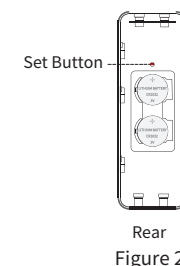
B. Infrared Remote Control

AC-127 Infrared Remote Transmitter Button Functions: (Figure 27 - 28)

1. "Up" button: Screen ascends.
2. "Stop" button: Screen stops.
3. "Down" button: Screen descends.
4. "Up Jog" button: Fine-tune screen ascent.
5. "Down Jog" button: Fine-tune screen descent.



Model: AC-127
Figure 27



Rear
Figure 28

● Remote Usage Notes:

1. Point the remote at the screen's left end cover infrared receiver (effective range: ~8 meters).
2. Do not block the remote's transmitter or screen's receiver.
3. Infrared signals travel in straight lines; ensure no obstructions.
4. Avoid humid or high-temperature environments.
5. Replace batteries if the remote range decreases or the indicator dims.

● Battery Installation:

When the remote signal weakens, replace the batteries (2x CR2032 button cells). Do not mix old and new batteries.

1. Turn the remote over and slide the battery cover open (Figure 29).
2. Insert batteries according to the polarity markings (Figure 30).
3. Close the battery cover.



Figure 29

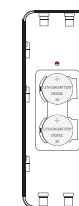


Figure 30

Operation Guidelines

● Remote Control Pairing (Factory Paired)

Disconnect power, wait 10 seconds, then reconnect. The screen jogs once to indicate power-on. Within 10 seconds, press Stop + Up simultaneously. The screen jogs again to confirm pairing.

Note:

Odd attempts = Pairing

Even attempts = Unpairing

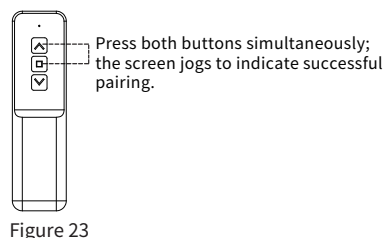


Figure 23

● Electronic Limit Setting (Wireless Remote Control)

Open the back cover of the wireless remote control. Briefly press the “S1” button on the back of the remote control (see Fig. 24). The screen will jog up and down once to indicate that setting mode has been activated.

1. Lower Limit Setting

After entering setting mode, lower the screen to the desired position and press the Stop button. Then press the Stop and Down buttons simultaneously. The screen will jog up and down once to confirm that the lower limit has been set. (Wireless remote: see Fig. 25)

2. Upper Limit Setting

After entering setting mode, raise the screen to the desired position and press the Stop button. Then press the Stop and Up buttons simultaneously. The screen will jog up and down once to confirm that the upper limit has been set. (Wireless remote: see Fig. 26)

Note:

- The upper electronic limit is factory preset to an optimal position and typically does not require adjustment.
- In setting mode, the screen operates in step mode. Short-press the Up or Down button for incremental movement; press and hold for 2 seconds for continuous movement.
- If no operation is performed within 30 seconds, the system will automatically exit setting mode.

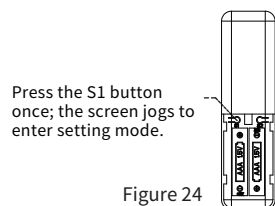


Figure 24

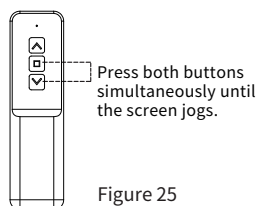


Figure 25

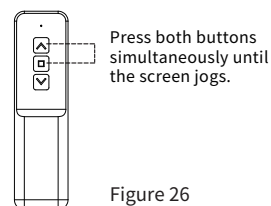
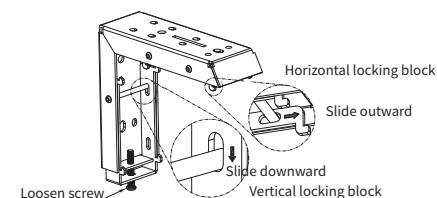


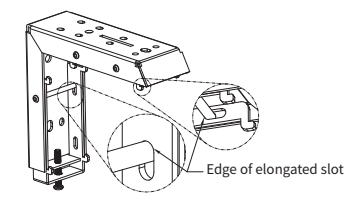
Figure 26

Installation Steps

3. Before installation, loosen the crosshead screw counterclockwise to release the vertical locking hook and slide it downward toward the edge of the elongated slot. Then, slide the horizontal locking block outward to the outer edge. (See Figures 6–7)

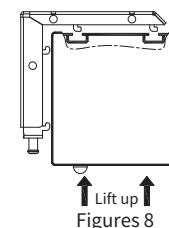


Figures 6

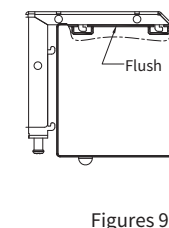


Figures 7

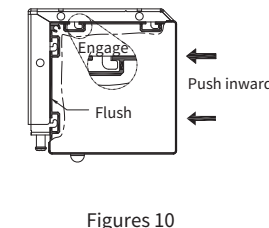
4. Carefully raise the screen housing and align it with the horizontal locking groove on the mounting bracket (see Figure 8). Insert the top of both brackets into the notches on the screen housing until the brackets sit flush with the top panel (see Figure 9). Then, push the screen toward the wall so that the locking hook clicks into the rear groove on the housing. Verify that the screen is fully seated and flush against the mounting surface. (See Figure 10)



Figures 8

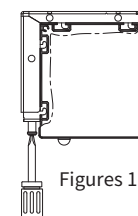


Figures 9

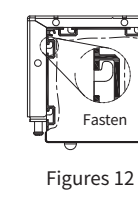


Figures 10

5. Gently press the screen housing, then horizontally adjust the screen to the center of the mounting brackets. Next, tighten the cross-head screws clockwise until the vertical locking hooks on the mounting bracket fully secure the housing, thereby completing the screen installation. (Refer Figures 11-12)



Figures 11

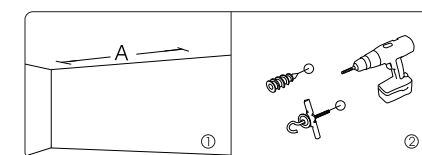


Figures 12

II. Suspension Installation Method

Based on the ceiling material, choose the appropriate expansion screws (not provided) or other installation screws with hooks (not provided).

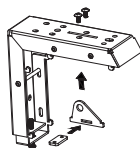
1. Drill two appropriately sized holes in the ceiling with a drill, ensuring that the line formed by the two holes is parallel to the wall. Insert two expansion screws with hooks (not provided) into these holes. (As shown in Figure 13)



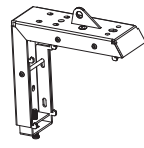
Figures 13

Installation Steps

2. Insert the locking plate through the holes of the suspension mounting plate, then pass both through the elongated slots of the mounting plate (ensure correct orientation). Secure with M5×10 machine screws to complete the conversion to suspension mounting. Adjust both locking hooks of the mounting plate to the unlocked position (see Fig. 6-7).

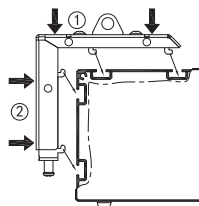


Figures 14

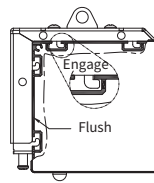


Figures 15

3. ①Raise the screen housing and lock the horizontal hook of the hanging board into the top groove of the housing. ②Push the back of the hanging board and place the vertical hook in the rear groove of the housing. Slide the hanging board left and right to equal the spacing of the hooks, then secure the cross screws to complete the pre-assembling for suspension (Figure 16-17).

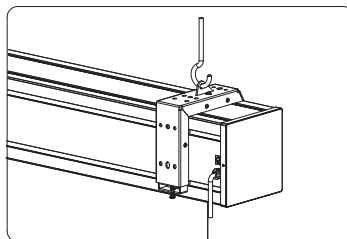


Figures 16



Figures 17

4. Hang the screen on the suspension hook, then check the hook's safety. If needed, take proper precautions to prevent the screen from accidentally sliding off the hook. (As shown in Figure 18)



Figures 18

Operation Guidelines

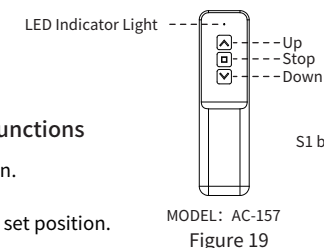
This electric projection screen supports multiple control methods. Choose the one that suits your needs:

- A. Wireless RF Remote Control
- B. Infrared Remote Control
- C. RS485/232 Control
- D. Dry Contact Control
- E. DC12v Trigger Control

A. Wireless RF Remote Control

AC157 Wireless Remote Control — Button Functions

1. Press the Up button, screen retract to set position.
2. Press the Stop button, screen will pause.
3. Press the Down button, the screen will extend to set position.



MODEL: AC-157
Figure 19

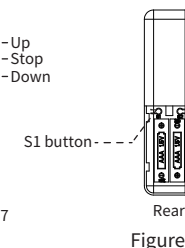


Figure 20

RF Remote Operating Instructions

1. Operating Frequency: 433.92 MHz
2. Operating Temperature Range: -20°C to +70°C
3. Battery Type: Two AAA 1.5V dry batteries
4. Battery Replacement: Replace the battery promptly when the remote signal becomes weak to ensure proper operation.

Remote Control Battery Installation

When the remote signal weakens, replace the battery as follows:

1. Slide open the battery cover on the back of the remote (Figure 21).
2. Insert the battery according to the indicated polarity (Figure 22).
3. Close the battery cover.

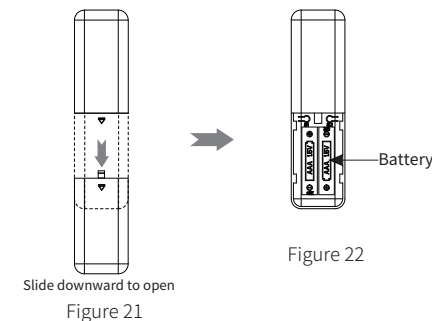


Figure 21

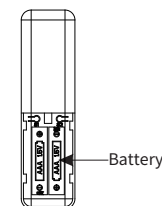


Figure 22