

Front maintenance Pop-out bracket

Installation Instructions

◆Pre-maintenance splicing frame installation consists of three steps:

1. Read the installation instructions, prepare installation tools, and check accessories.
2. Install frame and internal wiring.
3. Install splicing screen, flatness fine tuning.

◆Installation Procedure

Read the installation instructions, prepare installation tools, and check accessories.

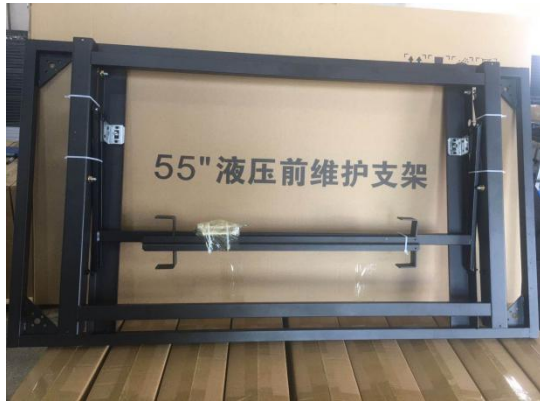
1. Precautions before installation

- (1) The installation of pre-maintenance splicing frames must be performed by professional engineering installation technicians.
- (2) Ensure that the mounting wall surface is smooth and strong enough to support the weight of the splicing frame and splicing screen before maintenance.
- (3) This product requires more than two installers. Do not carry or install it by yourself to avoid injury or damage to the product.

2. Installing Required Tools

- (1) Hammer drill, level
- (2) Tape measure, marker, hammer, wrench, screwdriver





2. Install frame and internal wiring.

Step 1: determine the installation position of the frame on the wall, and mark it with a marker pen. Drill holes on the wall with a hammer. The hole depth should be slightly greater than the length of the expansion screw, and then drive the expansion screw into the hole.

Tip: When installing multiple frames, install them from bottom up and left to right.

Step 2: Screw the frame to the wall. Installation technique: Before tightening screws, use a level to adjust the overall levelness of the frame.

Step 3: repeat the above steps, in the installation of a number of frames, between the frames should be kept horizontal and vertical, close stitching, uniform gap, flatness.

Step 4: Lay out the required cables (power cables, control cables, and signal cables) in the frame in advance, and lay out the reserved cables through the cable trough.

★★★**NOTE:** The bracket should be properly installed, otherwise it cannot be used normally. Distinction: buckle at the upper part, hydraulic rod side at the upper part of the base. The lock is cyclic operation, that is, click to unlock, and then click to lock, repeated cycle. When the lock is locked, do not pull out the support forcibly. This operation may damage the lock.





3. Install splicing screen, flatness fine tuning.

Step 1: Fix the two adjusting racks on the back cover of the LCD splicing screen.

Step 2: Hang the LCD splicing screen on the front maintenance frame, and install the hand screws for adjusting the upper and lower/front and rear parts.

Step 3: Adjust the flatness of the LCD splicing screen.

1. Levelness: Adjust the screw height on the top of the left and right hooks to make the display level;

2. Vertical flatness: by adjusting the upper left, the lower left, the upper right, the lower right four groups of screws before and after position, so that the display screen to achieve vertical flatness. For example, the top left corner of the LCD screen should be pushed forward. The method is to rotate the M5*40 screw forward and push the splicing screen forward. If the upper left corner is to turn inward, the method is to screw the M5*35 screw on the hook and pull back, the screen body can be pulled in. Adjustment skills: forward ejection, first loosen a little M5*35 screw, and then screw the M5*40 screw forward; When pulling in, loosen a little M5*40 screw first, then screw in M5*35 screw.

LCD splicing screen flatness fine tuning skills

When fine-tuning, use a level to assist.

When installing the first splicing screen, select the first position in the first row and adjust the flatness of the first screen as a reference. Then install other splicing screens from top to bottom and from left to right, and evenly reserve a 0.5mm gap between the screens.

Step 1: Adjust the left and right positions of the screen body. Adjust the left and right positions of the screen by moving it left and right.

Step 2: Adjust the verticality of the screen. Through the "after adjustment" hand screw the upper part of the screen body back adjustment, using a level to measure the verticality of the screen body, the verticality of the screen body is adjusted well.

Key tip: When adjusting the verticality, the screen can be repeatedly pushed in and ejected. The screen can be normally pushed into the locked gap, which is used as the trip of the screen to unlock and eject.

Step 3: Adjust the upper and lower height of the screen. Adjust the height of the screen through the two hand screws of "up and down adjustment", and measure the levelness of the screen with a level instrument.

Step 4: After adjusting the flatness of the screen, lock the screen. Through the "back adjustment" and "front adjustment" hand screw lock the whole screen.

Step 5: Check whether the screen ejection and recycling are flexible. If no problem, repeat the preceding steps to install multiple splicing screens.



1: The fixing hole of the bracket is fixed by pulling and blasting screws

2: Self-tapping screws (optional) are used for fixing LCD splicing screen and wood wall or steel structure.

Parts List:

- 1: Pull screw M10*80 2: Hook 3: Socket hexagon screw M5*10
- 4: Claw screw M5*30 5: Claw screw M5*50
- 6: Self-tapping screw M5*20(optional)