Glass Wall Screen
Installation Manual

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1. Installation I: Stick the LED module on the glass wall directly

Glass wall frame

Glass

Glass wall before installing led module

LED Module
Installation Sequence

Step 1. Clear the glass where the LED module will be installed. (Note: Clear any dust or water)

Step 2. Position LED module on glass wall

Step 3. Coat UV glue on four connection plates. (Note: Make sure not to overflow)
Step 4. Position the module on the glass wall and holding. (Note: Position modules with arrow mark upward, and make sure no gap between glass and connection plates.)

Step 5. Open the UV lamp and shine the four connection plates coated with glue about 10 seconds from front or back to cure the glue.
Step 6. Stick all led modules on glass wall as following picture. (Note: Strictly follow step 3~step 5 when install each module and make it straight.)

Step 7. Connect the power cable and data cable, and then lock the trunking on led module with screw.
2. Installation II: Lock the module on the Glass wall frame seamlessly

Glass wall before installing LED module

LED Module
Installation Sequence

Step 1. Lock the led module on the trunking with screw.

Step 2. Lock the modules on trunking to the square tube.
Step 3. Lock the ready modules on the glass wall frame.
3. Installation III: Lock LED module to the glass wall frame, keeping module back flush with the frame.

Glass wall before installing LED module

LED Module
Installation Sequence

Step 1. Lock module to the trunking with screw, making it as part A.

Step 2. Lock the part A trunking to the Aluminum tube, making it part B.
Step 3. Lock the mounting bracket to the glass wall frame with screw.

Step 4. Lock the part B to the mounting bracket.
4. Installation IV: Lock led screen on spider claws of glass wall.

Glass wall before installing led module

LED module
Installation Sequence

Step 1. Lock LED modules on trunking with screw, making it as part A.

Step 2. Lock the square tube to trunking of part A, making it as part B.
Step 3. Lock the Square tube B on the spider claw with screws, nuts, connecting plate A and B as following drawing. (Here hiding the circular steel for a clear installation view.)
Step 4. Lock the Part B module to the tube B as following show.
5. Customize led module according to glass size
(Tailor made module for large area Installation)

Example:
Glass size: W1800x H2560mm,
P20 LED module size: W640xH320mm

Glass H2560mm can install 8pcs H320mm P20 modules (320x8=2560);
Glass wide 1800mm can install 2pcs 640mm P20 module.

The left space: 1800-640x20=520mm,
P20 LED Standard module can be made as W520xH320mm as following drawing.

Cut some pixels from end of module. Module size 640X320mm reduce to 520X320mm to fit for the glass.
6. Install led module on Curve glass wall

For the curve glass wall, if the radian is sufficient, the module can be spliced to be curve display.

Curve glass wall screen
Power Box Solution-A

AC220V/AC110V to DC5V power box

If adopt AC220V/AC110V to DC5V power box solution, distance between power box and screen should be within 3m. The power box can be fixed on the ceiling or on floor.

Power box installation space should be taken into consideration when design screen installation proposal.
Power Box Solution-B

Adopt AC220V to DC24V, DC24V to DC5V power supply solution. AC220V to DC24V power box can be 20m to 30m away from screen. DC24V to DC5V power supply install back of module.

This installation is neat and noiseless, only the cost is little bit higher.