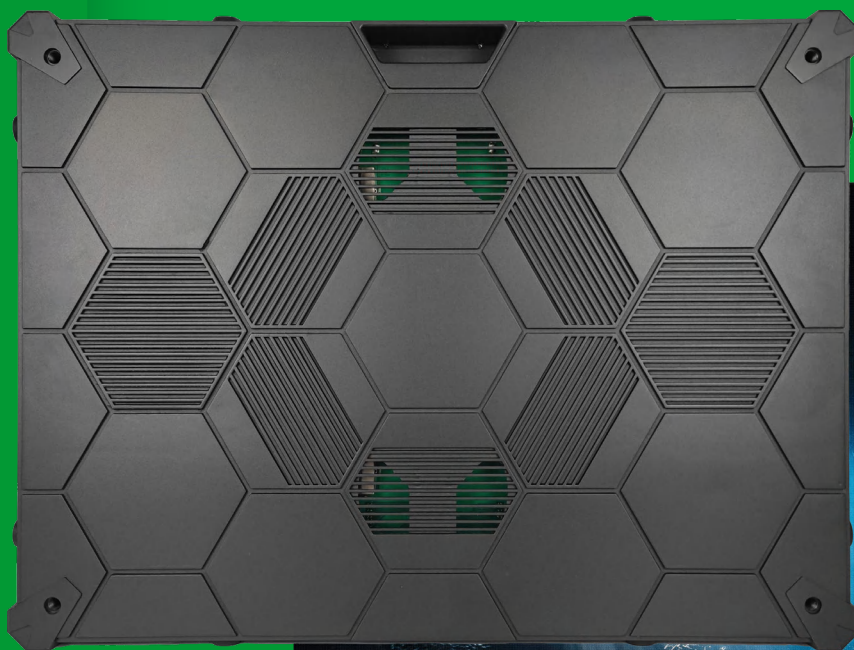


UNIT
Small Unit Big Display

USER OPERATION GUIDE

Unit-MA640



Safety Notice

Warning!

Read all safety instructions on this page before installation, power-up, operation, or debugging.



Warning: You must understand and comply with all safety guidelines, safety instructions, warnings, and precautions in this manual.

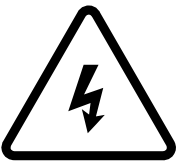
This product is for professional use only!

Risk of severe injury or death due to fire, electric shock, or falls.



Before installing, powering on, operating, or debugging this product, carefully read this manual.

Follow all safety instructions in the manual and on the product. If you have any questions, please contact us for assistance.



1. To prevent electric shock, the equipment must be properly grounded during installation. Do not neglect the function of the grounding plug, otherwise there will be a risk of electric shock.

2. Before performing any installation or maintenance work (such as removing fuses), turn off the main power switch.

3. Disconnect the AC power supply when the product is not in use, or before disassembling/installing it.

4. The AC power source must meet local construction and electrical standards, and include overload and ground fault protection.

5. Before using this product, ensure all power distribution equipment, cables, and connection devices comply with current regulations.

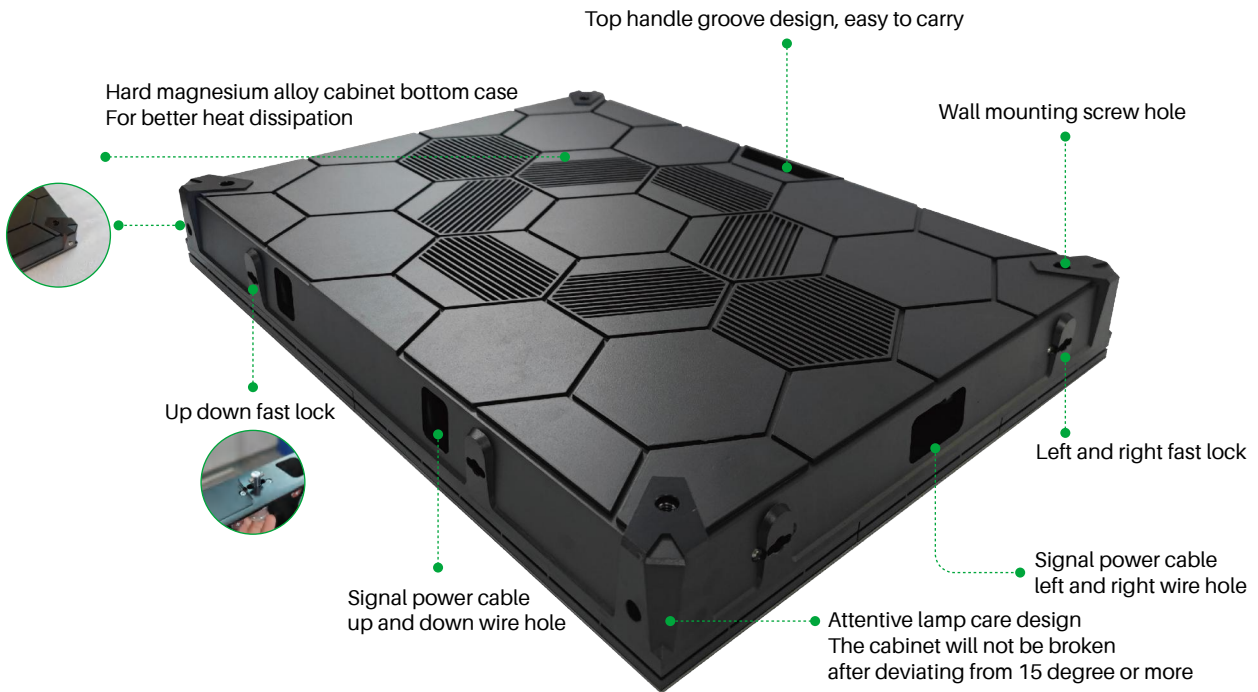
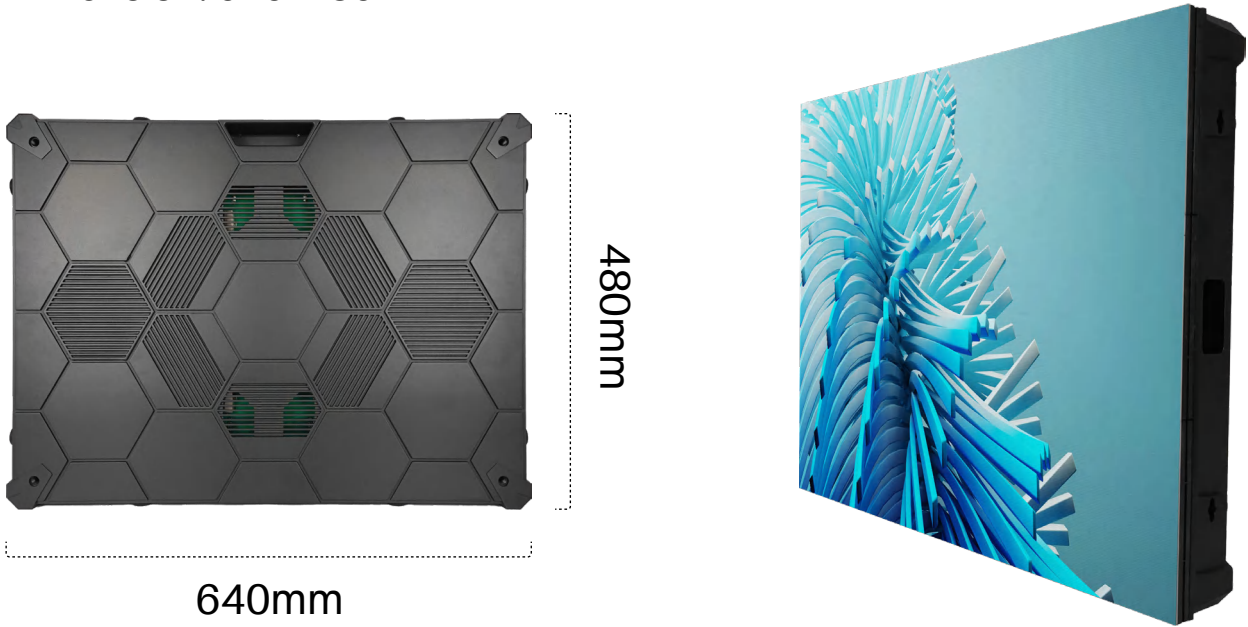
6. Use appropriate power cables. Select suitable power cables based on pre-calculated power and current requirements.

Ensure cables are free from damage, aging, or moisture.

Immediately replace any cables showing signs of overheating.

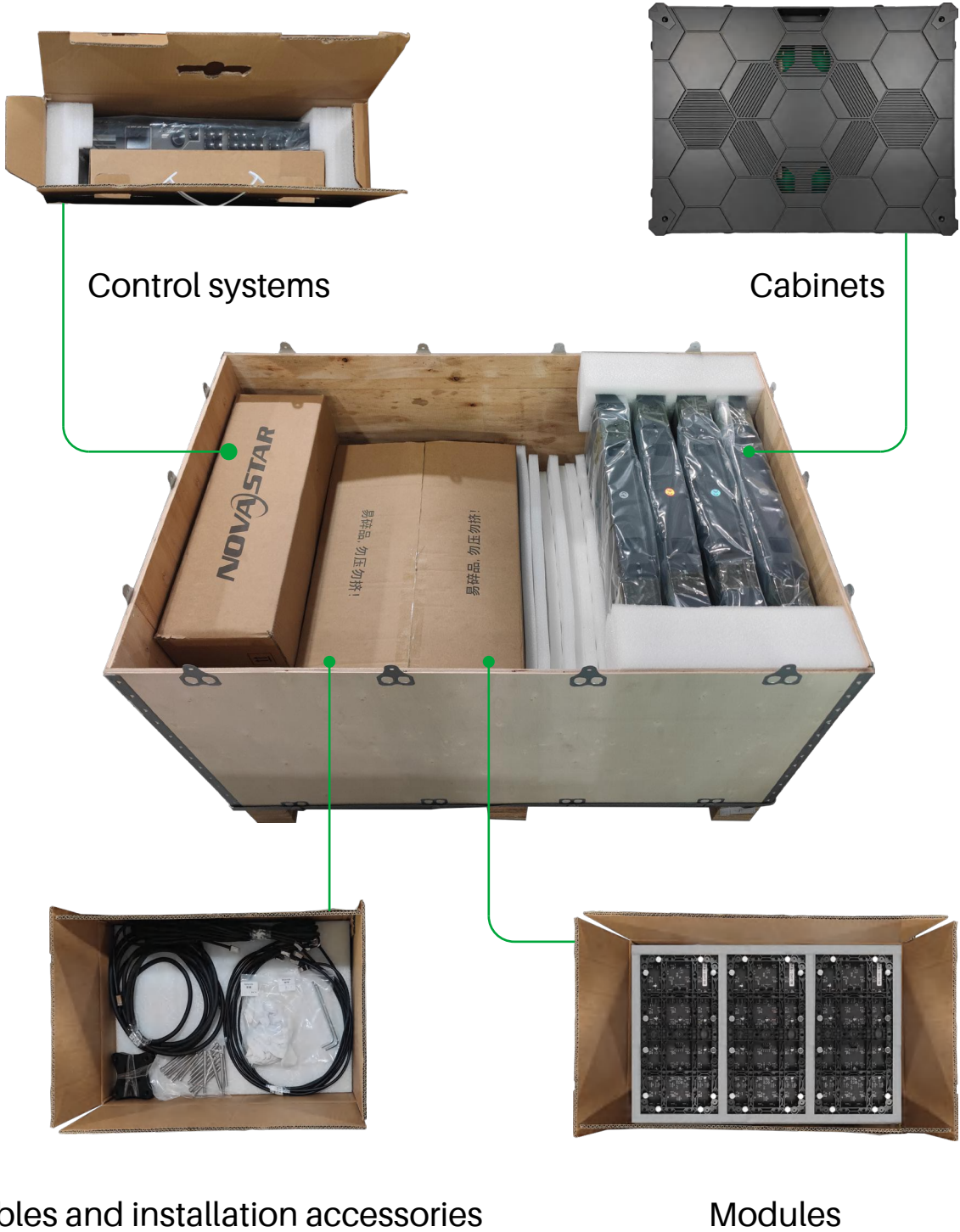
PANEL OVERVIEW

Dimension: 640x480mm

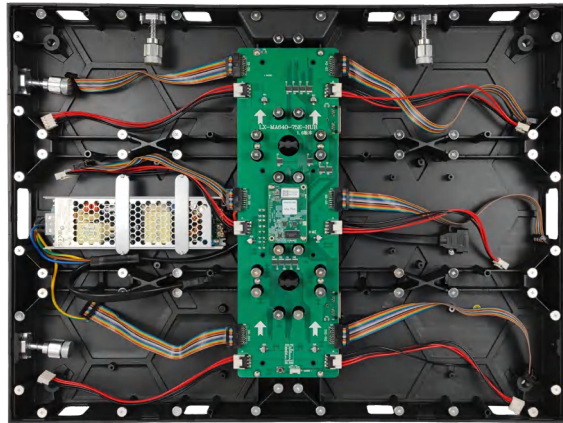


About Packaging

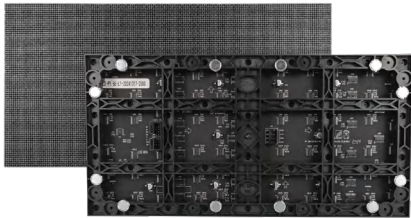
For illustration purposes, take four cabinets as an example. The packaging includes cabinets, modules, control systems, cables, and installation accessories.



Cabinet Assembly Installation Diagram



cabinet



module×6pcs



vacuum tool(optional)



glove



connect panel



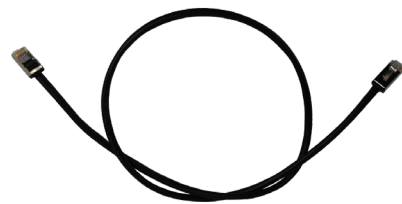
screws



screwdriver



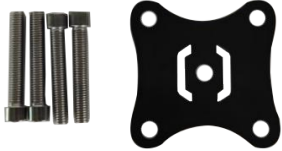










power cable



data cable

THE LIST OF THE TOOL

	Name	Picture
Front installation	M8 nut connecting piece 94x94 + socket head cap screw M8X80	
	L-shaped hexagon socket wrench	
Rear installation	Connecting piece with the size of 94x94, socket head cap screw M10X60	
	L-shaped hexagon socket wrench	
Bracket installation accessories	Back frame	
	Frame connection plate	
	Expansion bolt	
	Countersunk screw	
	M6 screw	
	Flat washer M6-17-3.0	
	Cabinet connection plate	

Contents

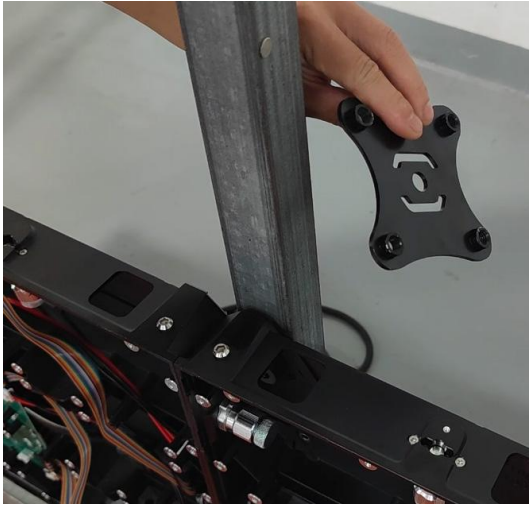
Installation method:

Part 1. Front Installation (optional)	P7
Part 2. Rear Installation (optional)	P8
Part 3. Bracket Installation (optional)	P9-10
Part 4. Cabinet Installation.....	P11-16
Part 5. Module Replace Method.....	P17-18

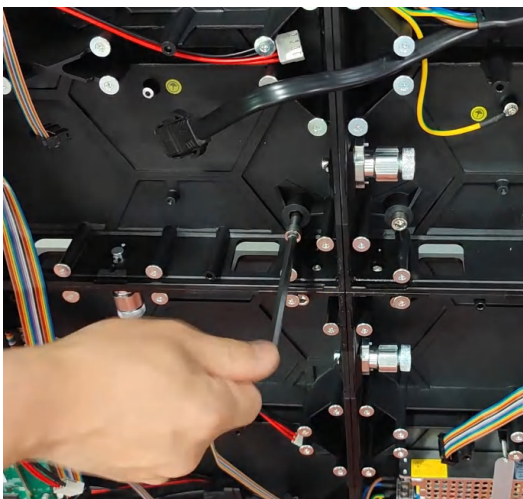
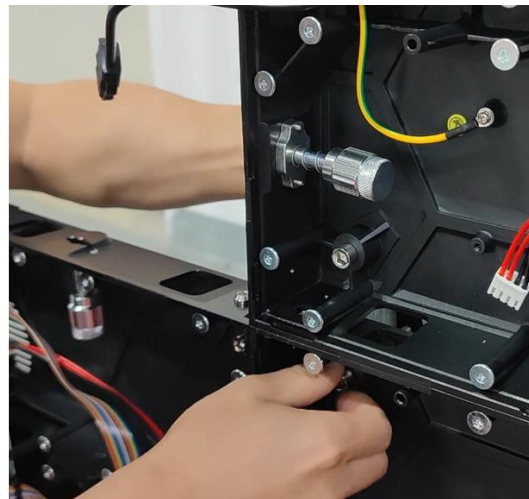
For Parts 1-3, you can choose the installation method based on your actual requirements.

Part 1. Front Installation

01/ Position the connecting plates from the rear of the cabinets and behind the installation structure.

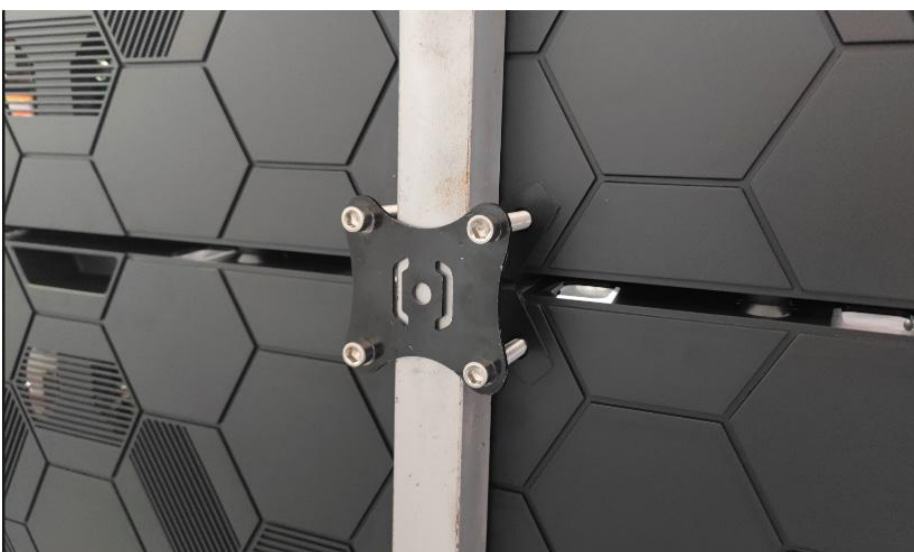
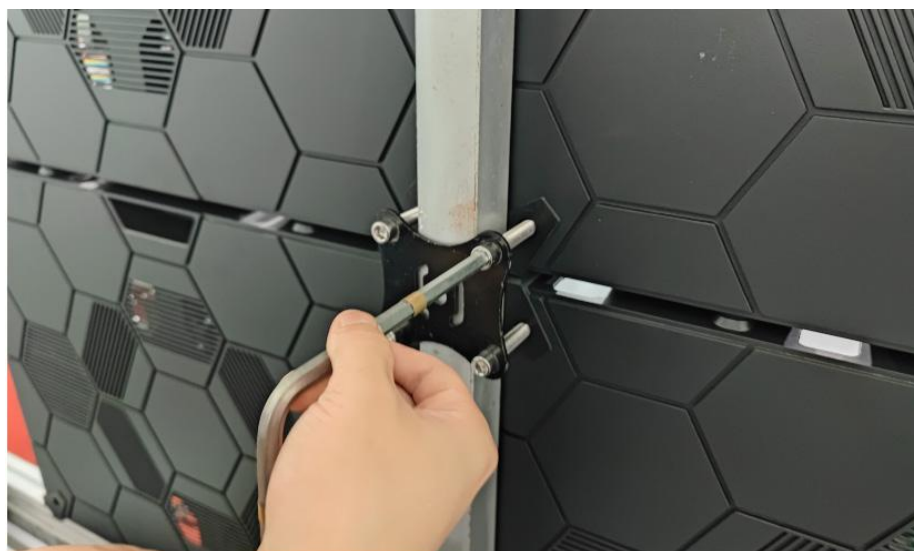
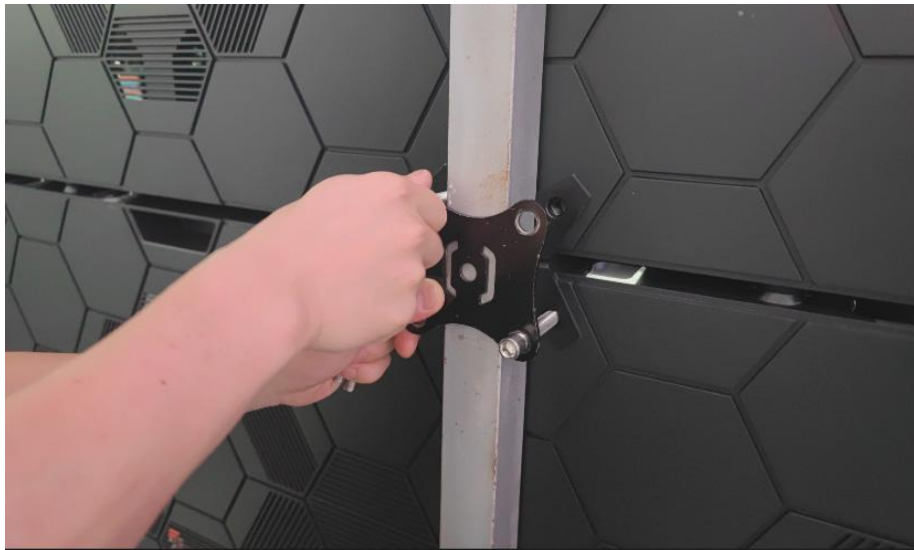


02/ Insert the screws through the internal screw holes of the cabinet, secure them to the connecting plates, and tighten. Then proceed with splicing the other cabinets.



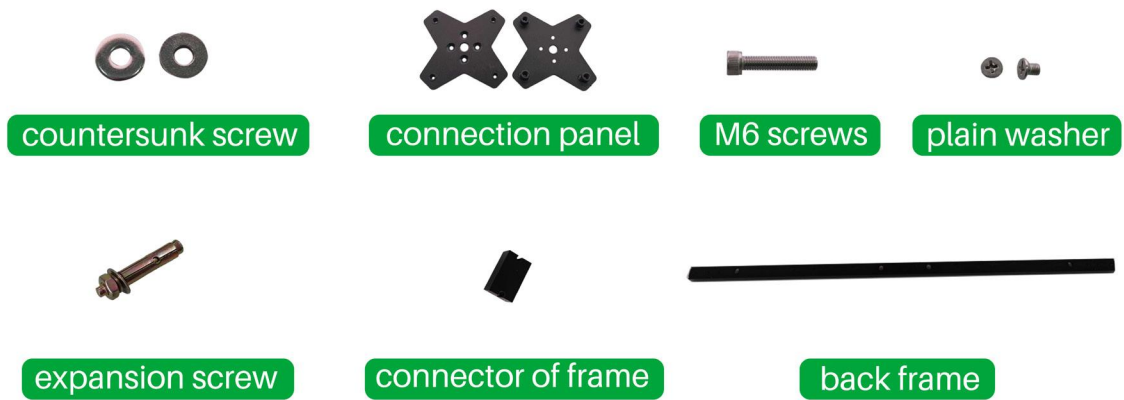
Part 2. Rear Installation

- 01/** Secure the connecting plate between the cabinets using screws from the back --- this is the rear installation method.



Part 3. Bracket Installation

01/ Prepare all the accessories for the back frame installation.



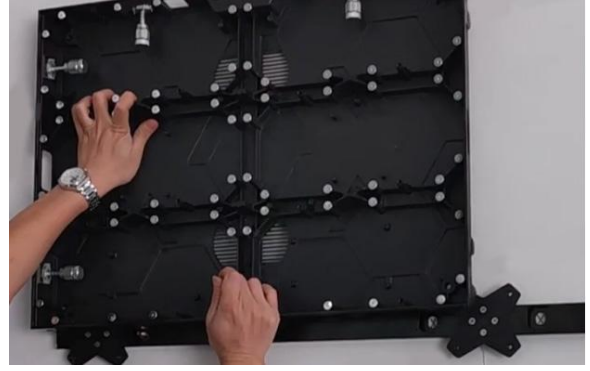
02/ Fix the back frame to the wall using expansion screws.



03/ Use the connector of back frame to connect multiple back frames together.



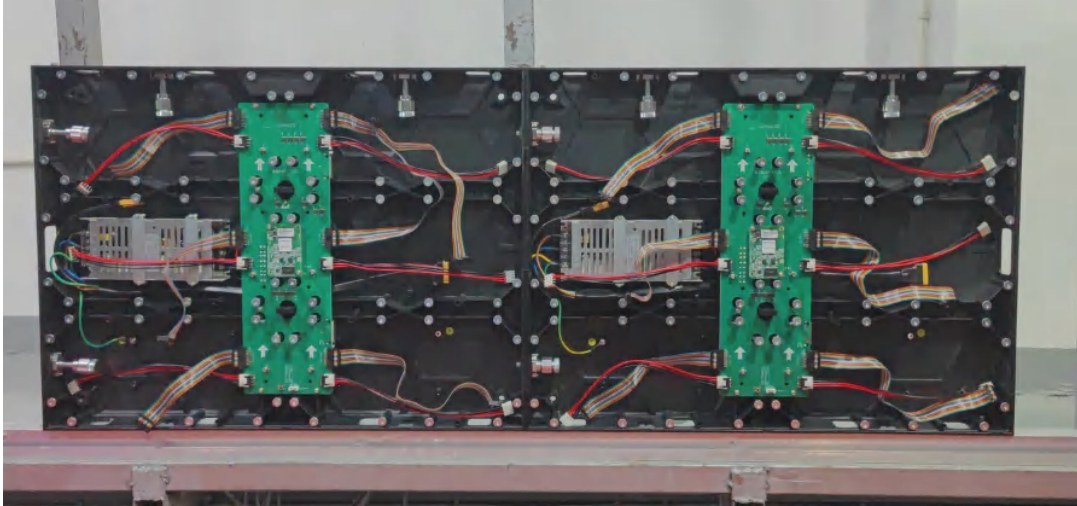
04/ Install the connection plates on the back frame, then install the MA640 cabinet.



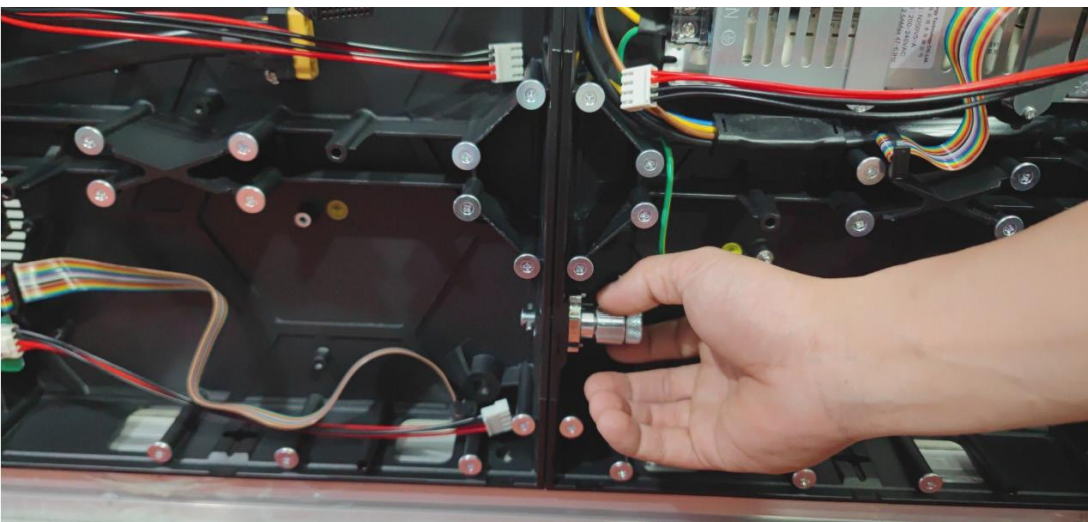
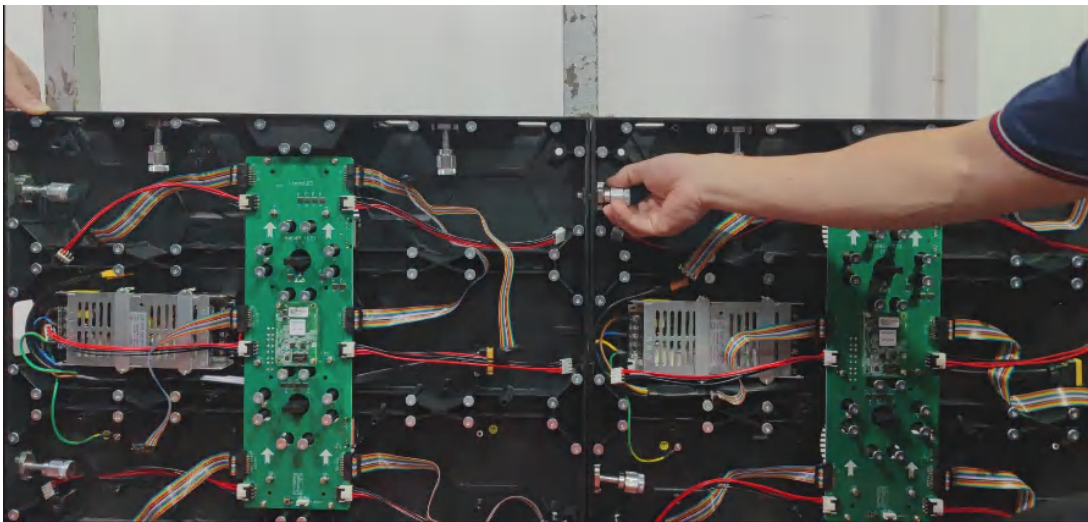
Part 4. Cabinet Installation Steps

01/ Cabinet Installation -- Installation Example with Four Cabinets

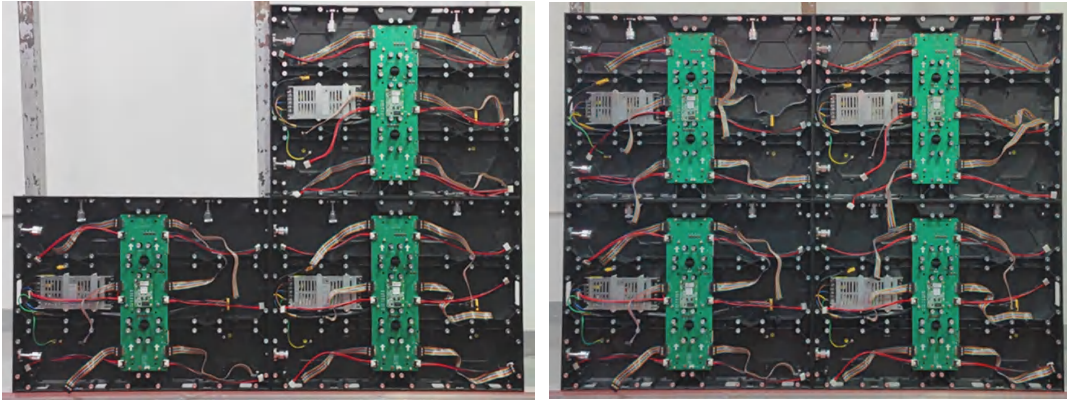
- 1 Upon unboxing, remove the two cabinets and position them at the required installation structure site.



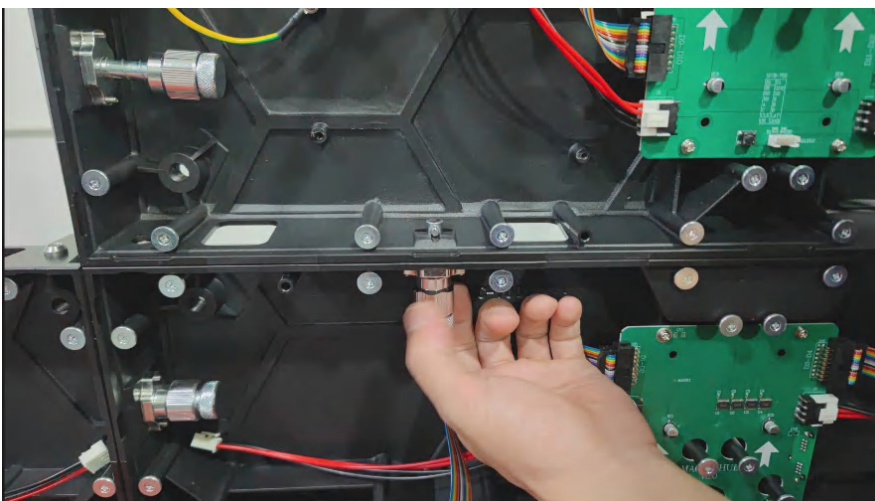
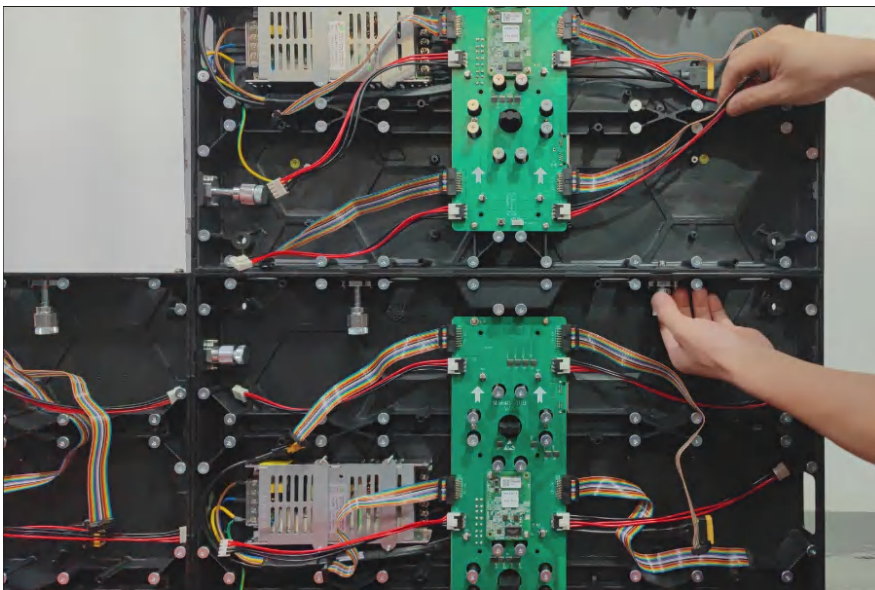
- 2 Connect the left-right side locks of the two cabinets and tighten.



- 3 Stack the upper cabinet and proceed with the installation.



- 4 Secure the cabinets by fastening the top-bottom locks.

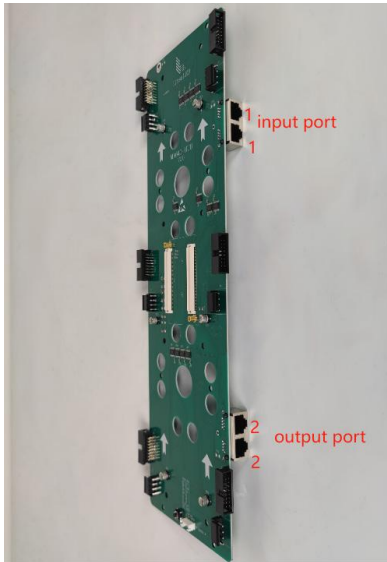


02/ Connect Signal Cables and Power Cables

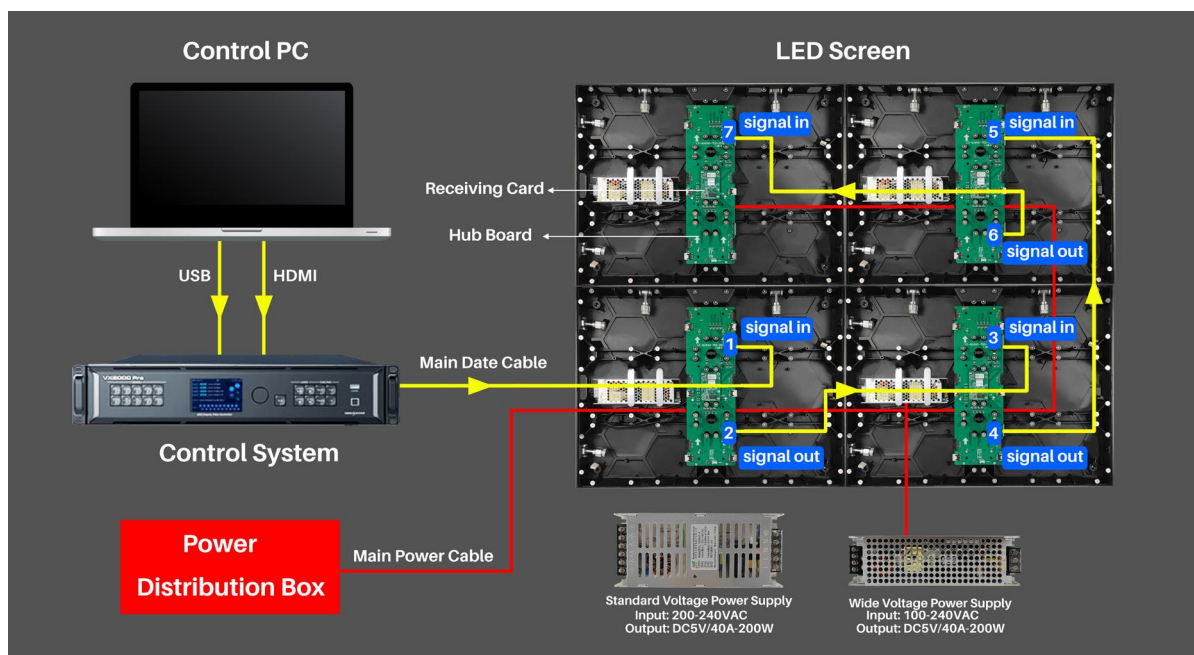
Install the internal network cables of the cabinet (install according to the specific arrangement of the cabinets, following the schematic diagram).

- 1 When connecting signal network cables, ensure proper identification of the HUB board signal interfaces as illustrated below:

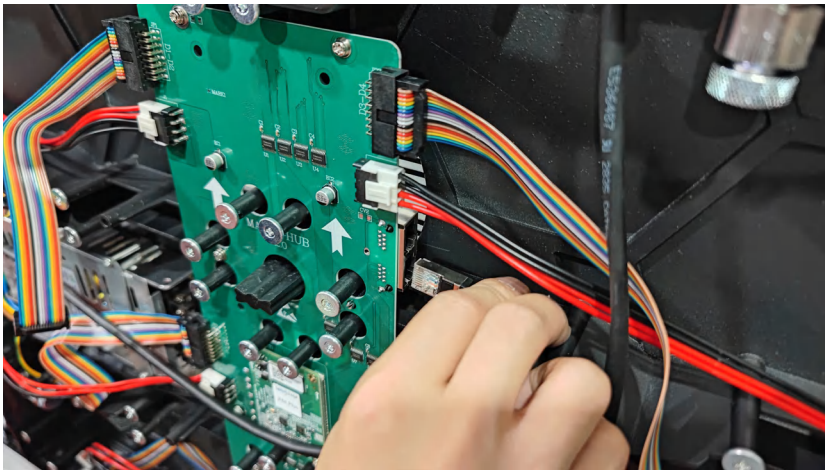
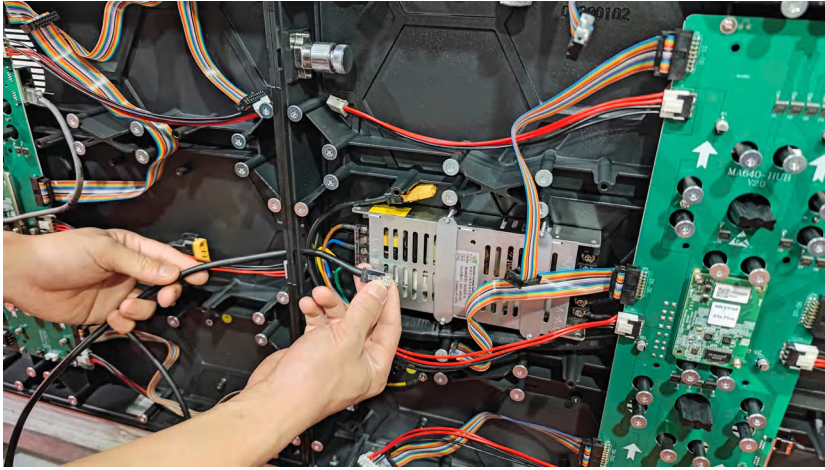
Take one network cable and connect it from any of the two input ports (Port 1s).
Take another network cable and plug it into any of the two output ports (Port 2s).
then connect it to the input interface of the second cabinet.
Repeat this process to complete the remaining connections.



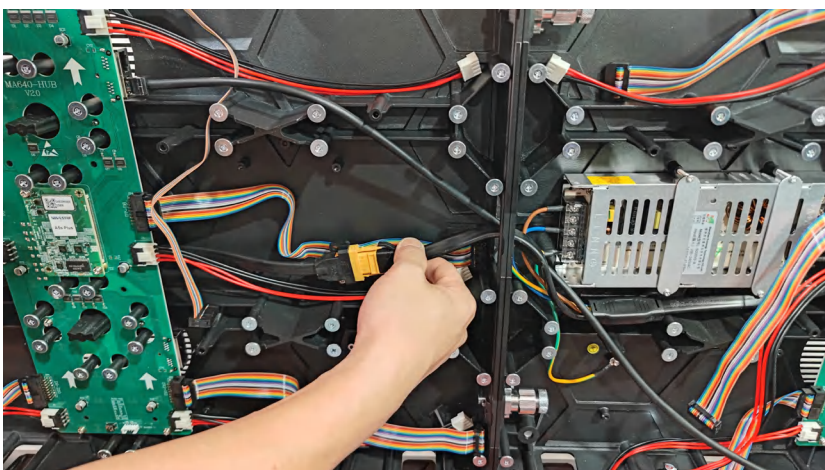
The connection sequence is as follows in the diagram:



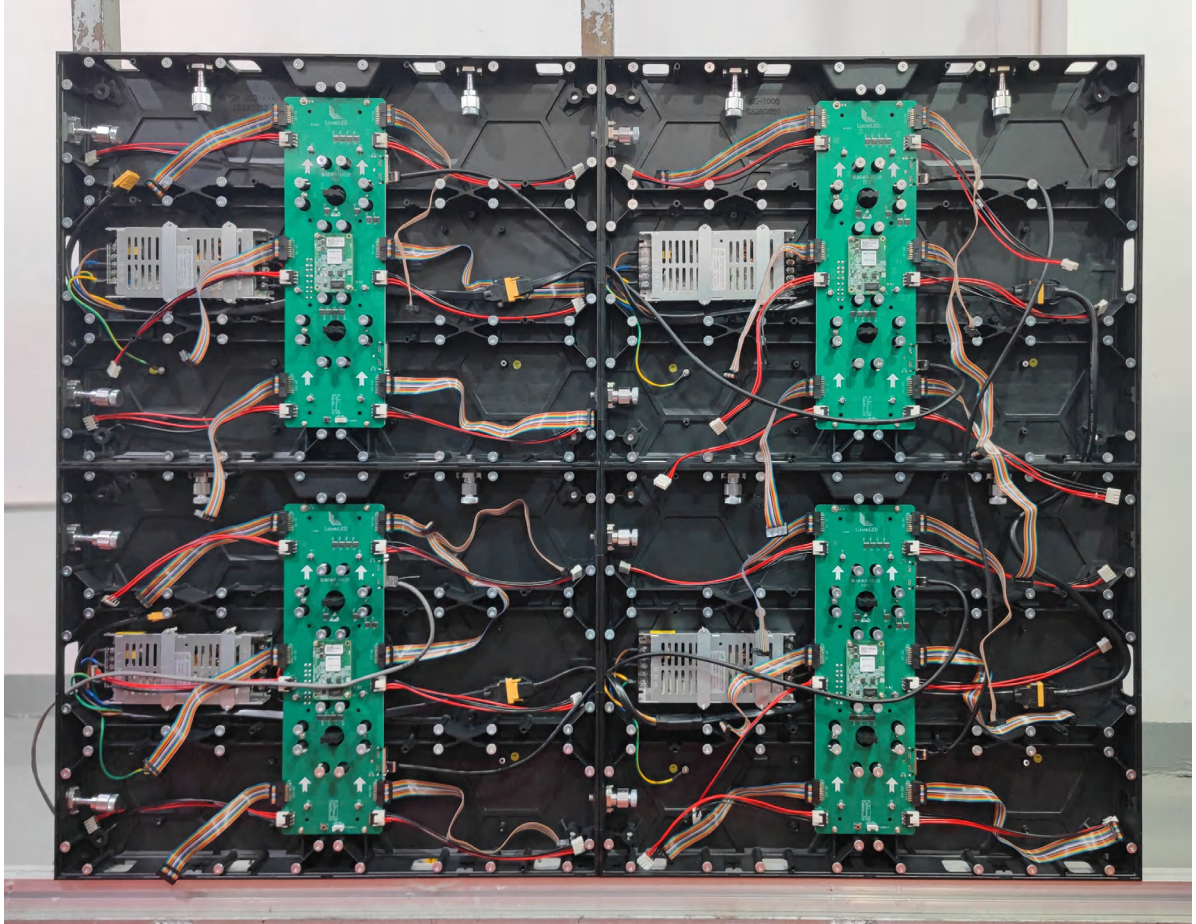
Note: The power supply is divided into standard voltage and wide voltage types. Please select the appropriate power supply according to the local voltage!



2 Install the internal power cables of the cabinet.

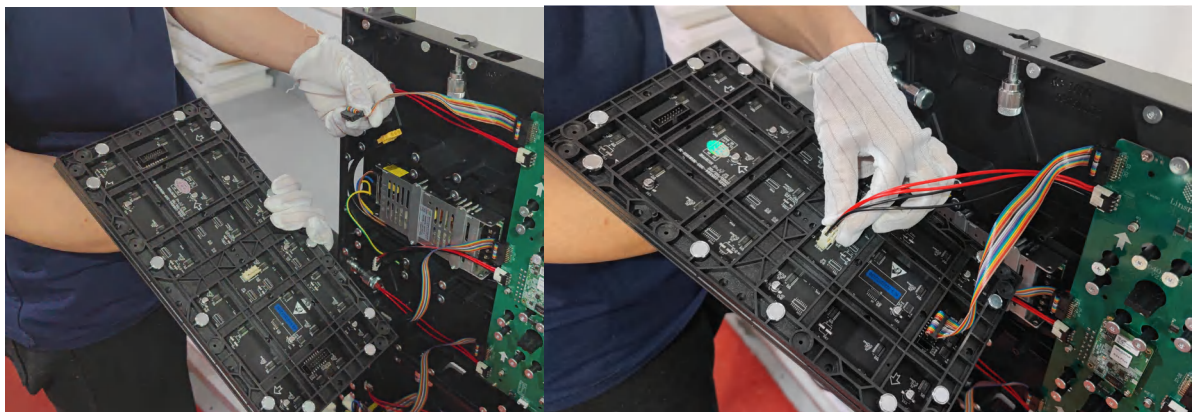


- 3 Complete the connection of network cables and power cables between the four cabinets.

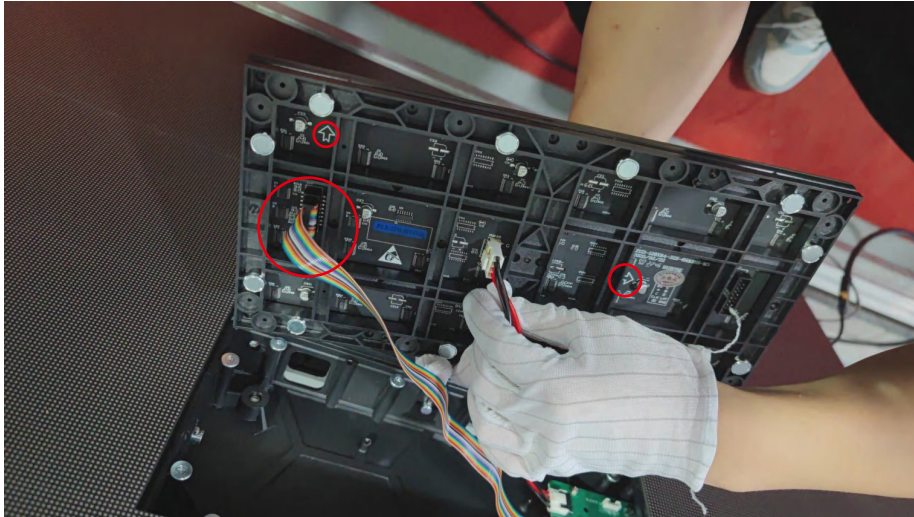


03/ Module Installation

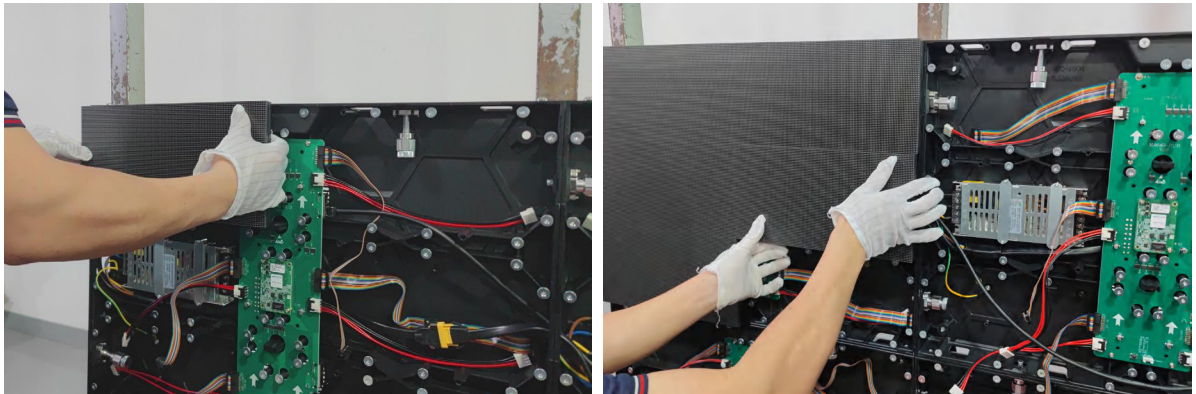
- 1 Take out the module, connect the flat cables and power cables between the cabinet and the module, and then install the module.



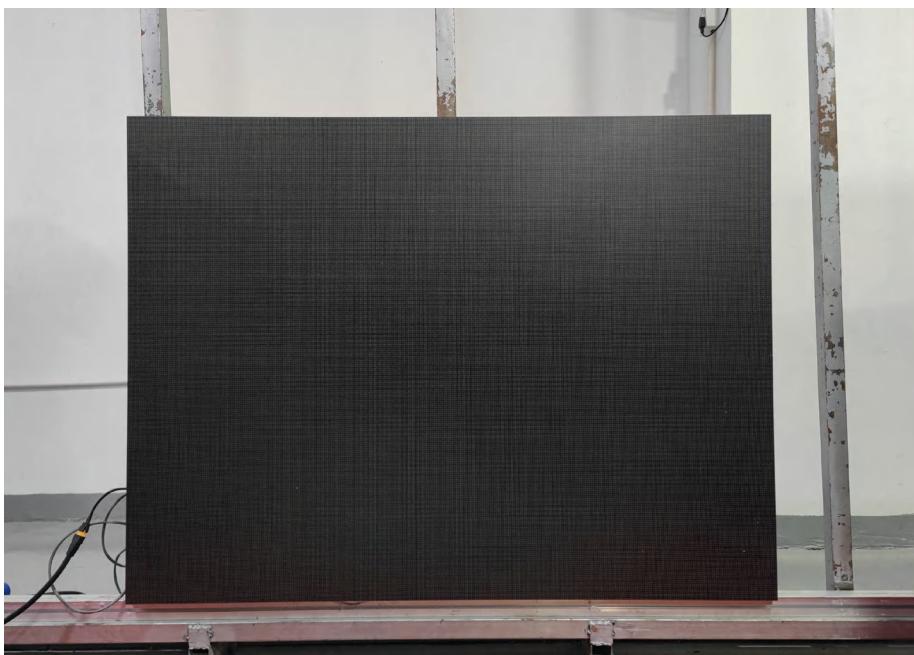
When connecting the signal cable, please check the direction indicated by the arrow on the back of the module and install the signal cable in the correct direction.



- 2 After connecting the cables, align the magnet positions of the module with those of the cabinet, install the module, and check for flatness.



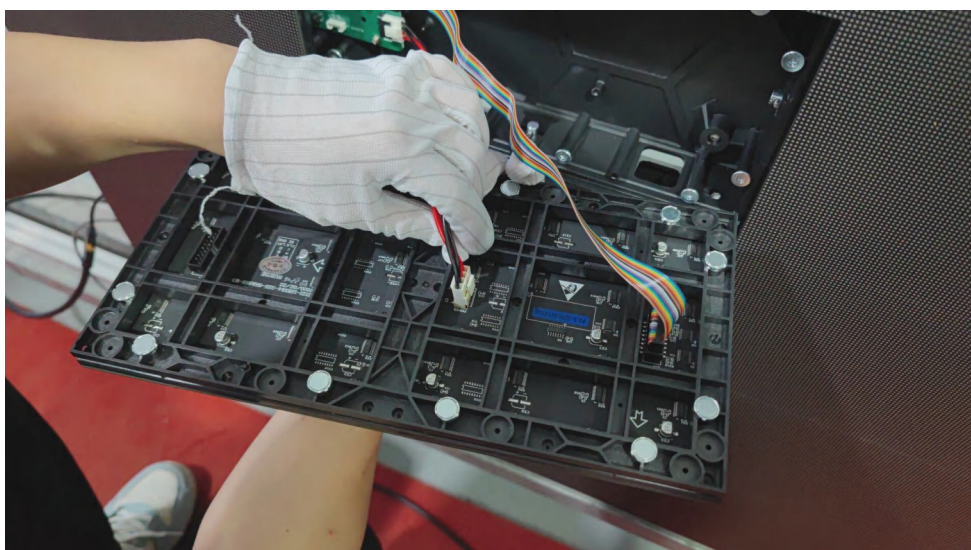
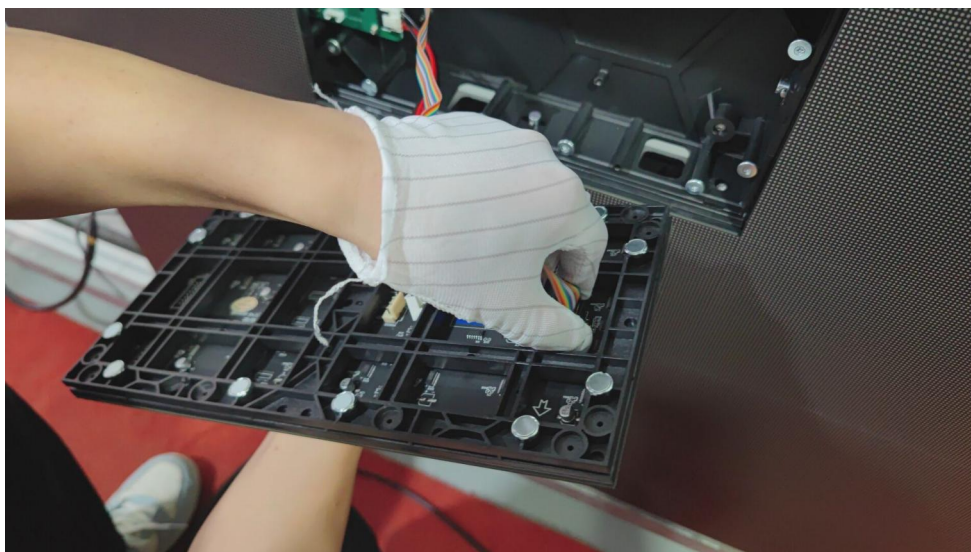
- 3 Complete the installation of the cabinets.



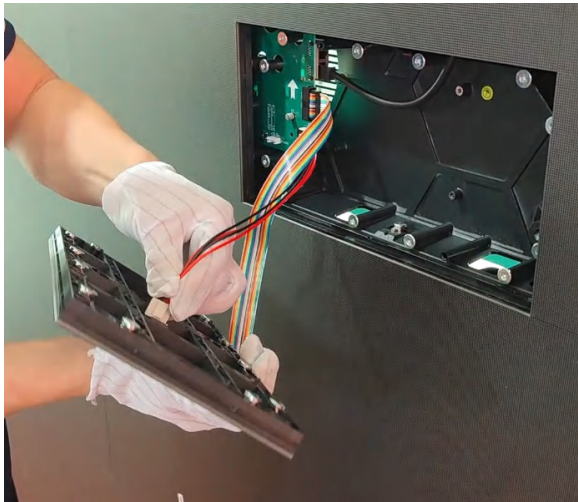
Part 5. Module Replace Method

If module replacement is required, follow these steps:

- 01/** Remove the module from the front of the cabinet using the frontal maintenance tool, then disconnect its power and flat cables.



02/ Replace the old module with the new one, connect the power cable and flat cable of the new module, and then check the flatness of the module.



03/ Power on the entire screen to confirm the replacement was successful.



UNIT

Small Unit Big Display

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