

Installation Guide

P1.56 Screen with Rack



1.1 Rack

Structure



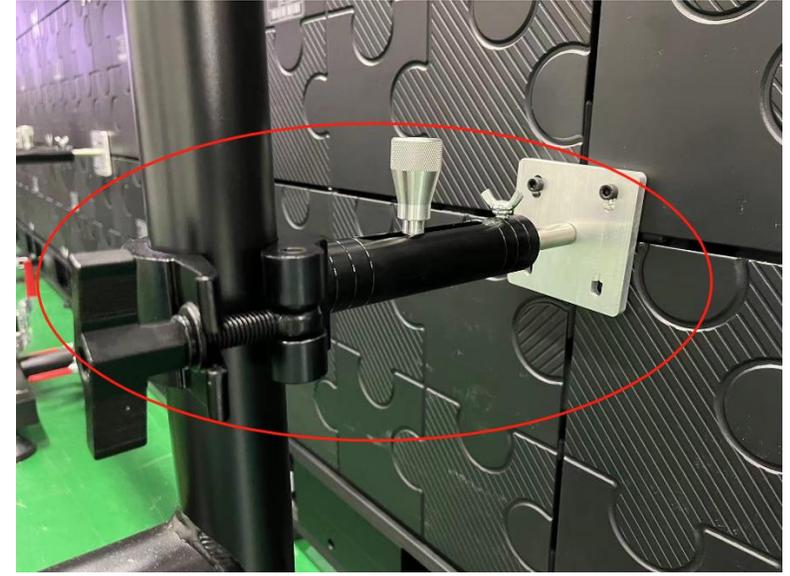
Base+Ladder truss **x3**



Support pipe **x4**



Ground beam **x3**



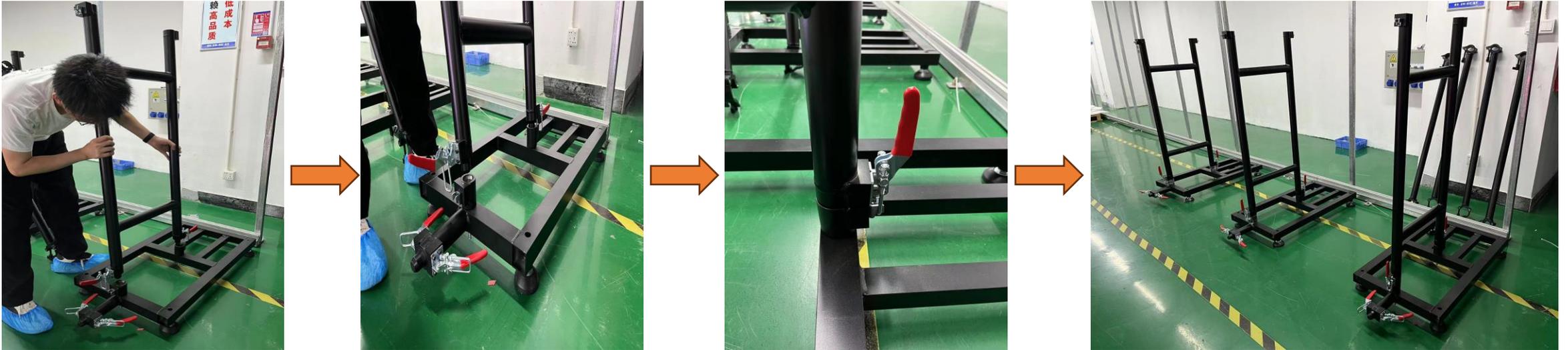
Screw lock **x6**

Check the main accessories of the rack

1.1 Rack installing

Structure

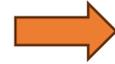
1.1.1 Install the base and ladder truss



Install the ladder truss on the base with fast lock (make sure the lock is tight)

1.1 Rack installing

1.1.2 Install the support pipe

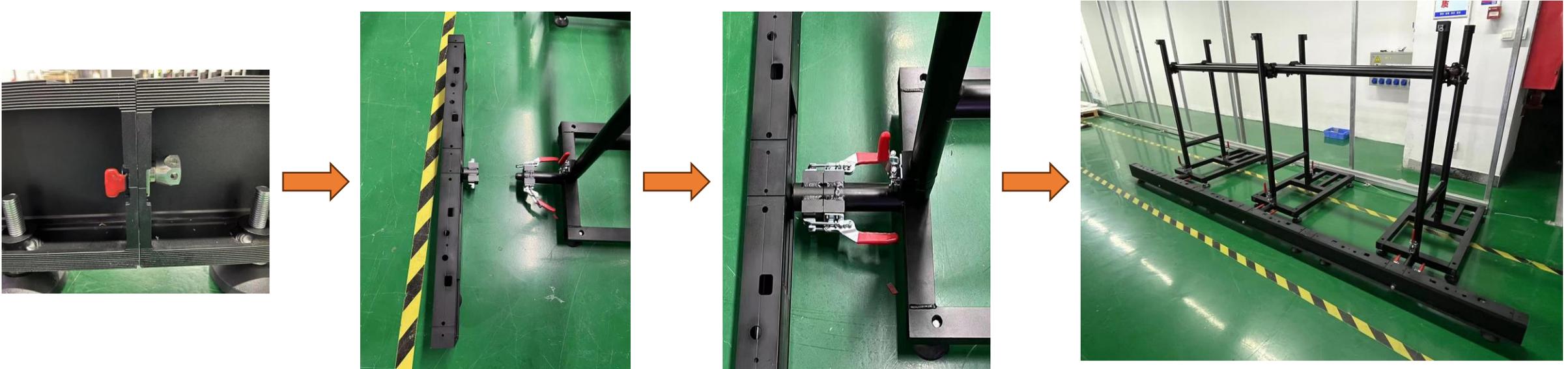


Install the support pipes on the ladder trusses with fast lock (make sure the lock is tight)

1.1 Rack installing

Structure

1.1.3 Install the ground beam



Step1-Connect the 3pcs ground beams first, and make sure they are on the same horizontal line.
(If the ground beams are not in the same horizontal line, it may cause the whole screen to tilt or the connection between cabinets may not be smooth) You can adjust the ground beam by their foot.

Step2-Install the ground beams to the bases with fast lock

1.2 Cabinet installing

1.2.1 Place the 1st row of the cabinets (A01~A06)

D01	D02	D03	D04	D05	D06
C01	C02	C03	C04	C05	C06
B01	B02	B03	B04	B05	B06
A01	A02	A03	A04	A05	A06

Structure



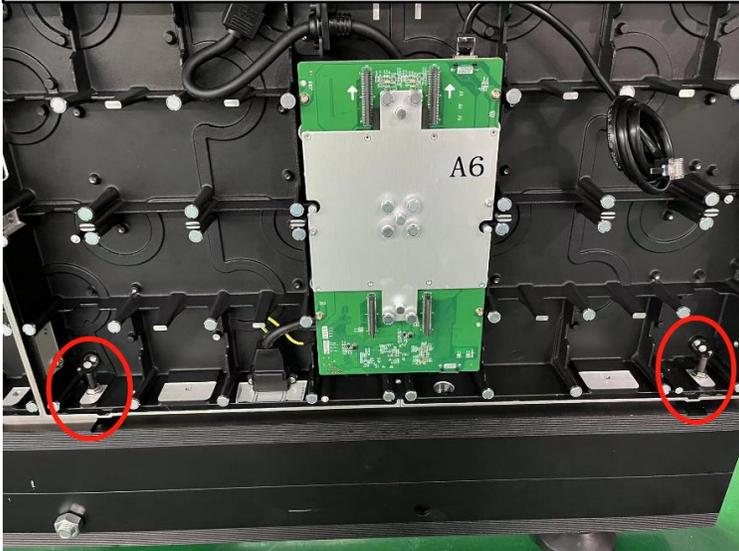
- Step1**-Put the metal plates to lift up the first row cabinets
(to void damaging from the contact between the first row of led modules and the ground beams)
- Step2**-Connect the cabinets and ground beams with screws and bolts (up and down)
- Step3**-Connect the cabinets A01 to A06 with screws (left and right)

Structure

Step1-Put the metal plates to lift up the first row cabinets



Step2-Connect the cabinets and ground beams with screws and bolts



Accessories

Screw M6*40



Step3-Connect the cabinets A01 to A06 with screws



Accessories

Screw M6*5



Screw driver

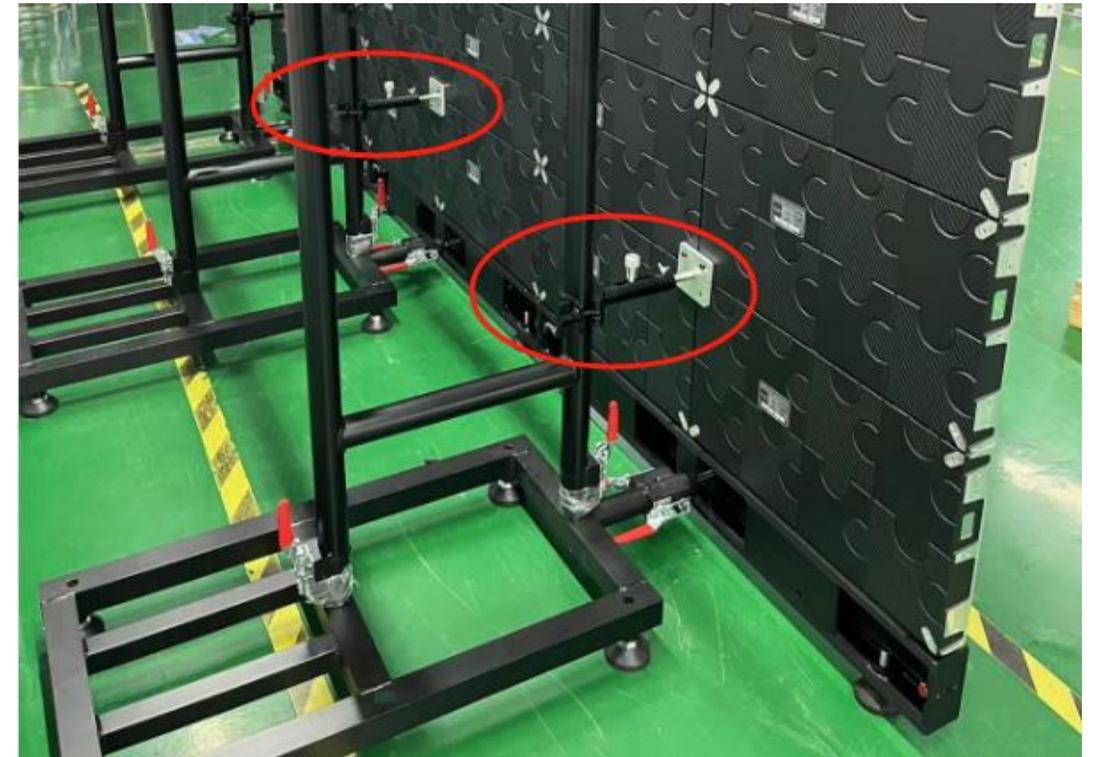


1.2 Cabinet installing

1.2.2 Place the 2nd row of the cabinets (B01~B06)

D01	D02	D03	D04	D05	D06
C01	C02	C03	C04	C05	C06
B01	B02	B03	B04	B05	B06
A01	A02	A03	A04	A05	A06

Structure



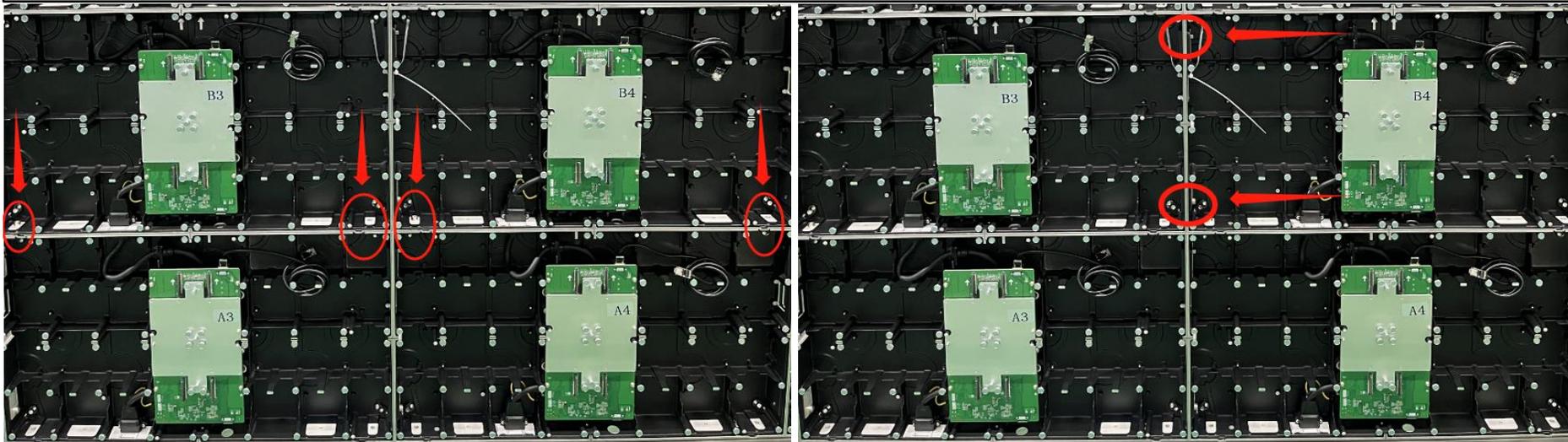
Step1-Connect the cabinets row A to row B with screws (up and down)

Step2-Connect the cabinets B01 to B06 with screws (left and right)

Step3-Connect the cabinets to the ladder truss with screw locks

Step1-Connect the cabinets row A to row B with screws (up and down)

Step2-Connect the cabinets B01 to B06 with screws (left and right)



Step3-Connect the cabinets to the ladder truss with screw locks



Accessories



1.2 Cabinet installing

1.2.3 Place the 3rd row of the cabinets (C01~C06)

D01	D02	D03	D04	D05	D06
C01	C02	C03	C04	C05	C06
B01	B02	B03	B04	B05	B06
A01	A02	A03	A04	A05	A06

Structure

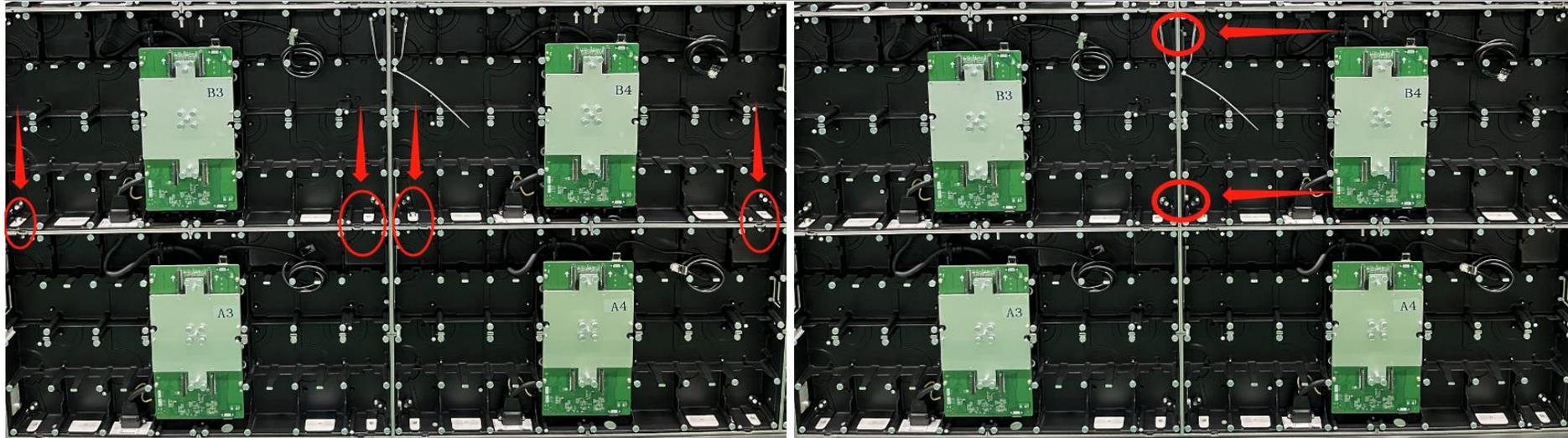


Step1-Connect the cabinets row B to row C with screws (up and down)

Step2-Connect the cabinets C01 to C06 with screws (left and right)

Step1-Connect the cabinets row B to row C with screws (up and down)

Step2-Connect the cabinets C01 to C06 with screws (left and right)



1.2 Cabinet installing

1.2.3 Place the 4th row of the cabinets (D01~D06)

D01	D02	D03	D04	D05	D06
C01	C02	C03	C04	C05	C06
B01	B02	B03	B04	B05	B06
A01	A02	A03	A04	A05	A06

Structure

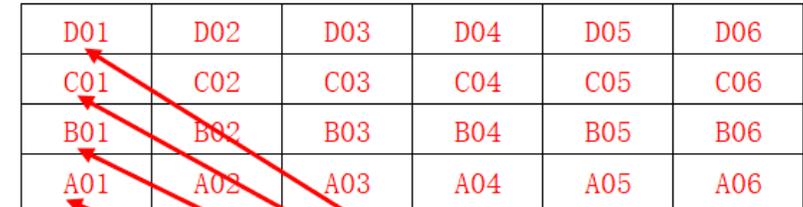
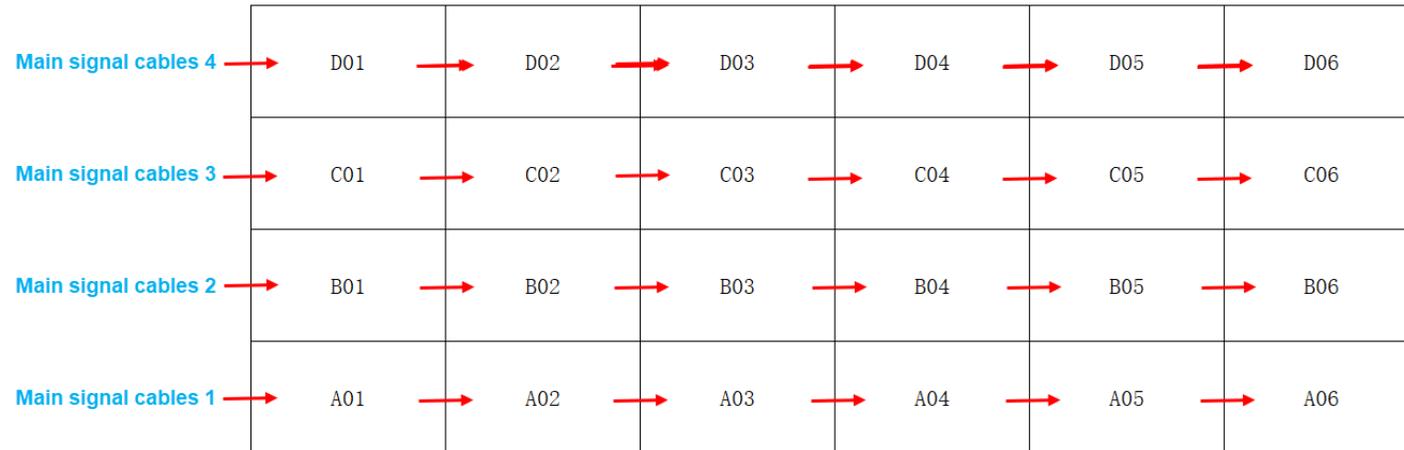


Follow the page 9-10 operation (Step1~Step3)

1.3 Cable wiring

1.3.1 Connect the signal cables following the diagram

Signal Connection Diagram



Main signal cables 1-4

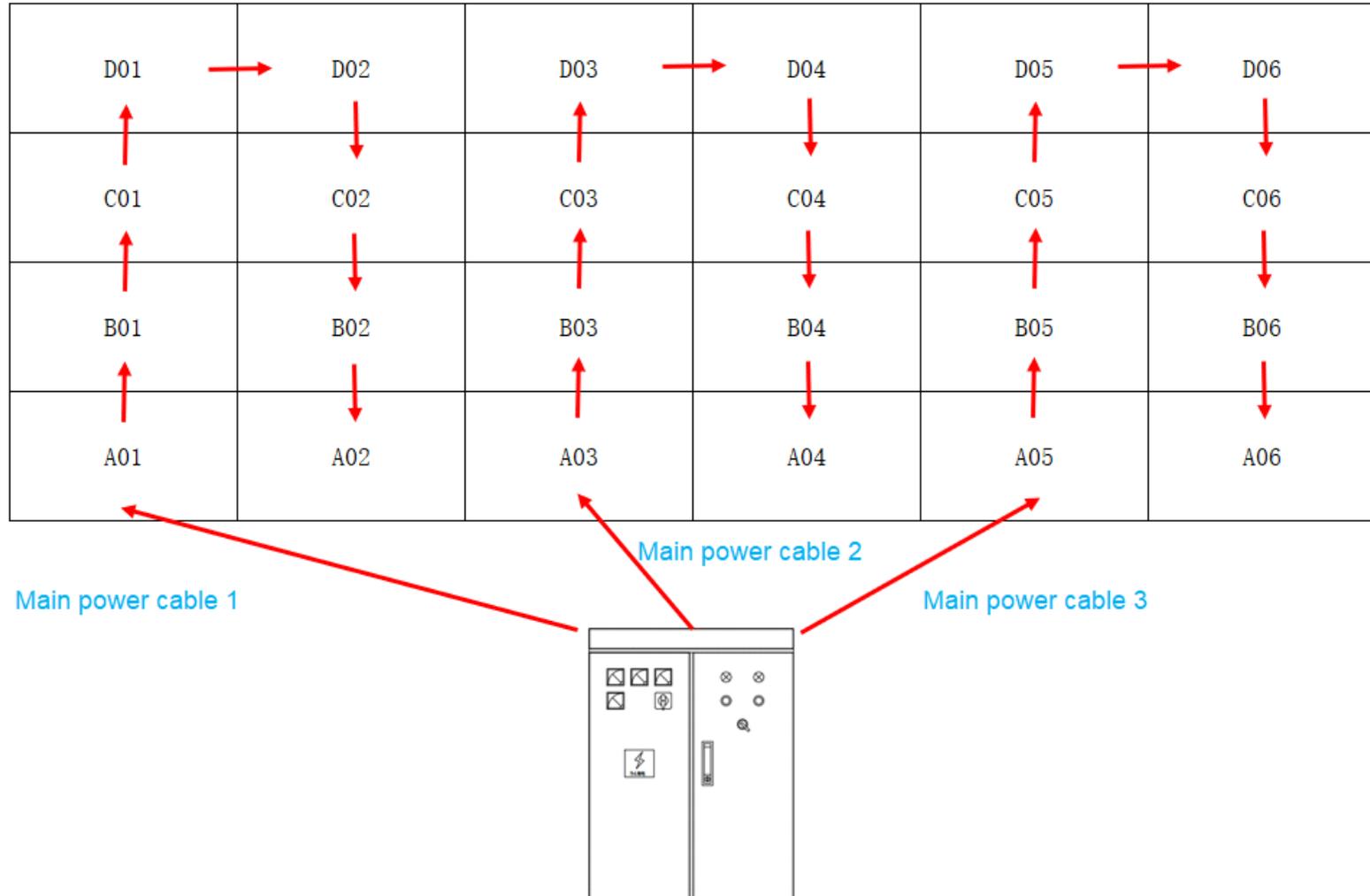


VX600

1.3 Cable wiring

1.3.2 Connect the signal cables following the diagram

Power Connection Diagram



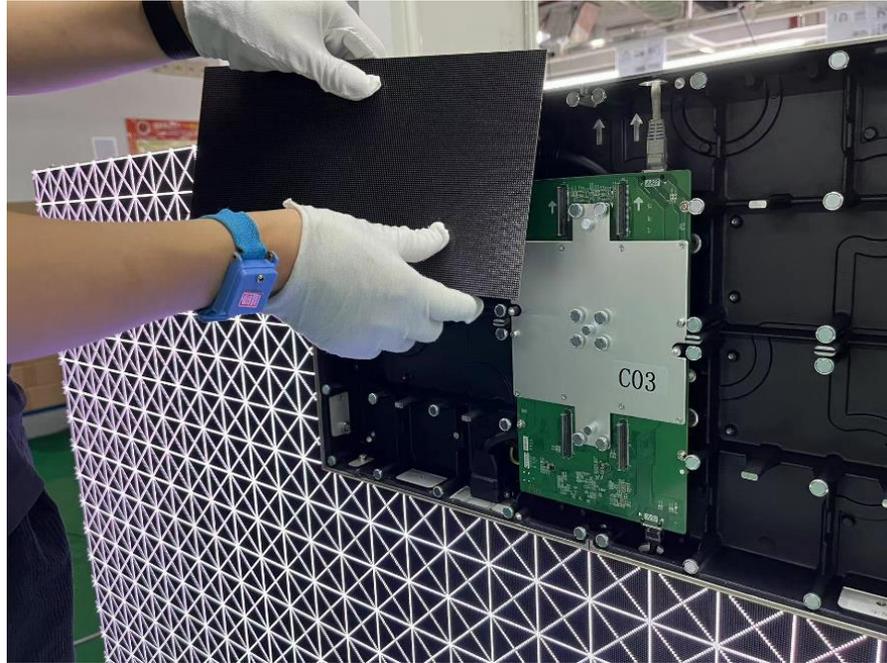
Cautions:

- 1) Please keep the cabinets and modules in correct direction(Arrow always up) before fixing.
- 2) Wear anti-static ring and gloves when fixing led modules
- 3) Beware of module collision when doing transportation and installation.
- 4) Cables connection must follow the signal diagram and power diagram
- 5) Each module has its own label to show which cabinet it belongs to. Please don't mix the modules with different cabinets.

1.4 Module fixing

Module

1.4.1 Place the modules on the cabinets



Start placing the modules from the middle of the screen