

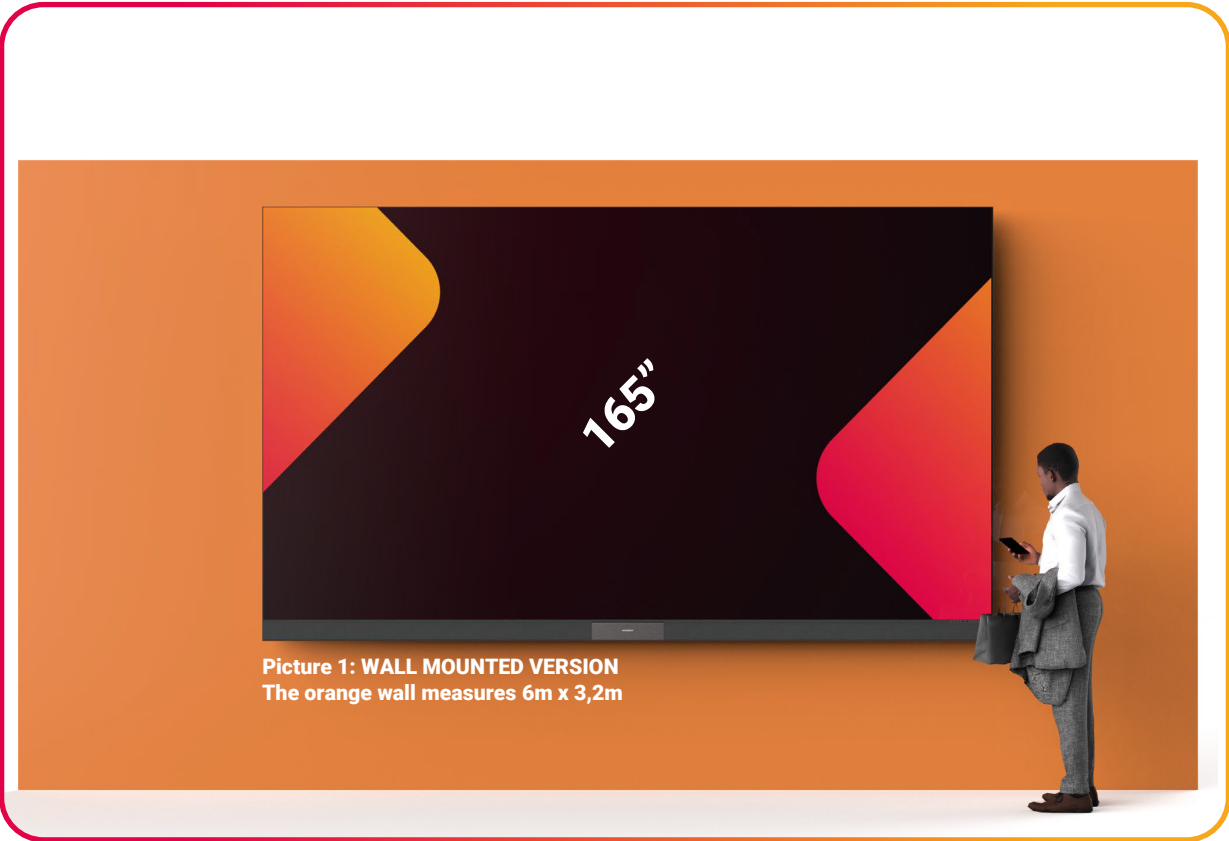
THIS MANUAL IS PART OF A SERIES OF THREE:

- i3CONNECT Walnut W1 installation manual
- Set-up of the optional mobile floorstand
- End-user manual

i3CONNECT WALNUT W1 INSTALLATION MANUAL 165"

i3CONNECT WALNUT W1 INSTALLATION MANUAL

SCOPE:



i3CONNECT WALNUT W1 INSTALLATION MANUAL

CONTENT:

- Product scope
- General safety instructions
- content of packaging
- preparing the installation
- installation steps 1 to 12
- Quick trouble shooting
- parts replacement
- declarations on intellectual properties
- declarations on toxic and hazardous substances in electronic information products

CONTENT OF PACKAGING

THE UNIT IS SHIPPED IN THREE PALLETIZED WOODEN CRATES	
 CRATE 1 & 2	 CRATE 3
1500 x 1250 x 1230mm (each)	2064 x 556 x 497mm
295kg gross weight (each)	72kg gross weight
CONTENT OF CRATE 1	
 288 + spare LED panels	 6 x 3+3 frame modules
 1 Accesories box with tools and hardware (blue ribbon)	 1 LED Display front maintenance tool
CONTENT OF CRATE 2	
 2 sets of mounting profiles	
 1x Master unit Bottom frame	

GENERAL SAFETY PRECAUTIONS

This unit is bigger and heavier than any other display from i3CONNECT. This implies a different way of handling and installing. Therefore, please read and understand this manual and its guidelines thoroughly.

Keep this manual for future reference and for training future additional operators of the product.

Placement and Ambient Conditions

- Indoor use only
- The temperature range of the environment at which this device may operate is between 0°C and 40°C
- Allowable humidity of the room is 10% RH to 80% RH.
- Do not place the product near a radiator, heater, or other heat source.
- Before installation, if the unit is transported from a cold to a warm place (e.g. from a truck), let it acclimatize to evaporate any moisture inside the unit.
- Do not expose the unit to rain, or a very humid weather condition. Keep it clear of volatile, corrosive and flammable products.
- Place the unit in a well-ventilated place, so heating can escape easily. Ensure that the unit has enough space for ventilation, preferably 10 cm space at the left, right, and bottom of the unit, and 20 cm above the device.

GENERAL SAFETY PRECAUTIONS

Other

- All images and instructions within this manual are designed or written mainly for indicative purposes. There may be differences or changes between pictures/instructions and the actual product.

Setup and Installation

- Read the complete installation guide, and prepare all tasks, before executing the first step.
- Do not put the unit near appliances that generate magnetic fields.
- Do not expose the unit to direct sunlight and other sources of heat.
- Do not put or spill any liquid near or on the unit.

Electrical Safety

- Check that your local power supply characteristics are suitable for the product's operation voltage.
- Only use the original power cable from the accessory bag. Don't modify or lengthen it.
- Protect the power cable from damage.
- Check and ensure that the power source (wall outlet) is connected with the ground.
- Auxiliary equipment should be correctly grounded.
- Unplug the power supply to the unit when the weather is thunderstorm or lightning or the unit will be inactive for several weeks.

GENERAL SAFETY PRECAUTIONS

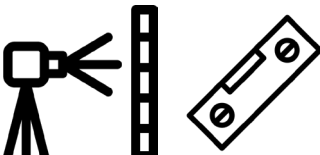
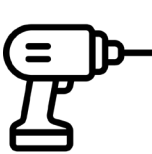
Environmental

- Do not dispose of batteries in the trash.
- Always follow local regulations on the collection of batteries

Maintenance and Cleaning

- Always unplug the power cable before cleaning.
- For a deeper clean, contact an authorized service center.
- Never use water or any spray type detergent to clean the unit.
- There are no user-serviceable parts inside.

WHAT YOU'LL NEED

A FRIEND OR TWO AND 4 HOURS OF YOUR TIME	
	THE INSTALLATION OF THE i3CONNECT WALNUT W1 IS AT LEAST A 2-PERSON JOB AND CAN TAKE UP TO 4 HOURS TO COMPLETE.
ANTI-STATIC GLOVES	(STEP) LADDER(S)
	
LASER LINE OR >2M LEVEL	TAPE MEASURE
	
PENCIL OR MARKER	DRILL (Ø 10MM)
	
13MM SPANNER / TOOL	OPTIONAL: STUD FINDER
	

You will see the icons appear at the right top corner during some of the installation steps. This means you will need to use the specific tool linked to the icon to complete that specific step.

If you want to use the optional stand for the Walnut W1, consult the manual inside the box of the optional stand, or go to <https://docs.i3-technologies.com/w1/>.

INSTALLATION STEP 1



Check and prepare the wall.

WALL CONSTRUCTION

- If it is a well-built solid wall in good condition that you will install the display on, proceed to the next step
- If you will install the display onto a stud-wall, use a stud-finder to locate the position of the studs and mark where the studs are located. Due to the heavy weight, it is important to use the weight bearing structure and not just the cladding panels.

INSTALLATION STEP 1



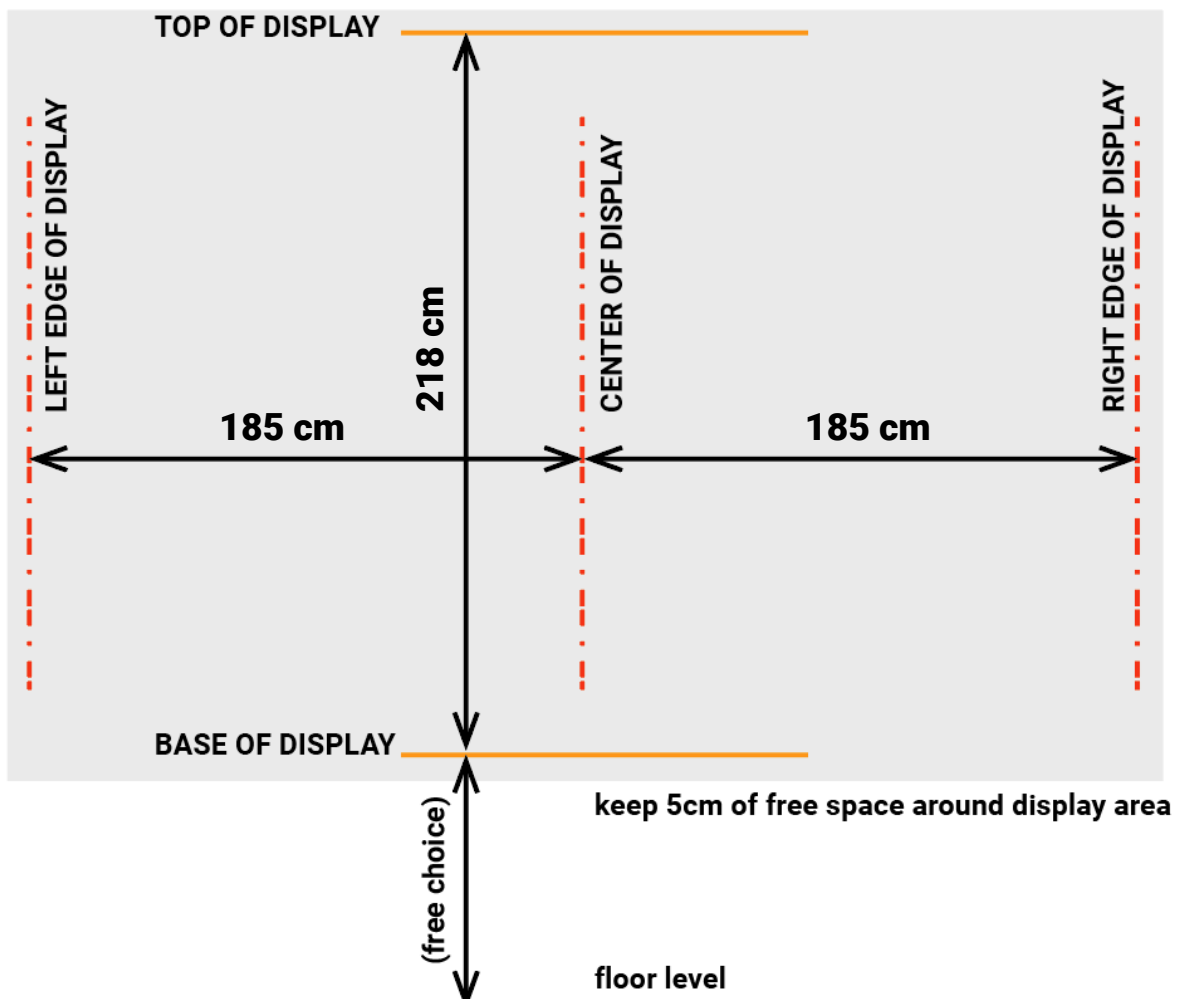
Check and prepare the wall.

MARK THE POSITION OF THE DISPLAY

- Project a vertical centerline and measure 185 cm at each side. This is where the 165" display will come. Make sure there is at least 5 cm of free space on each side.

There should be no protrusions or obstacles of more than 5mm thick in this area

- Determine the height of the display. There should be at least 10 cm above the display to allow for proper heat dissipation. The display is 218 cm above the baseline
 - Mark the base of the display
 - Mark the top at 218 cm above the baseline



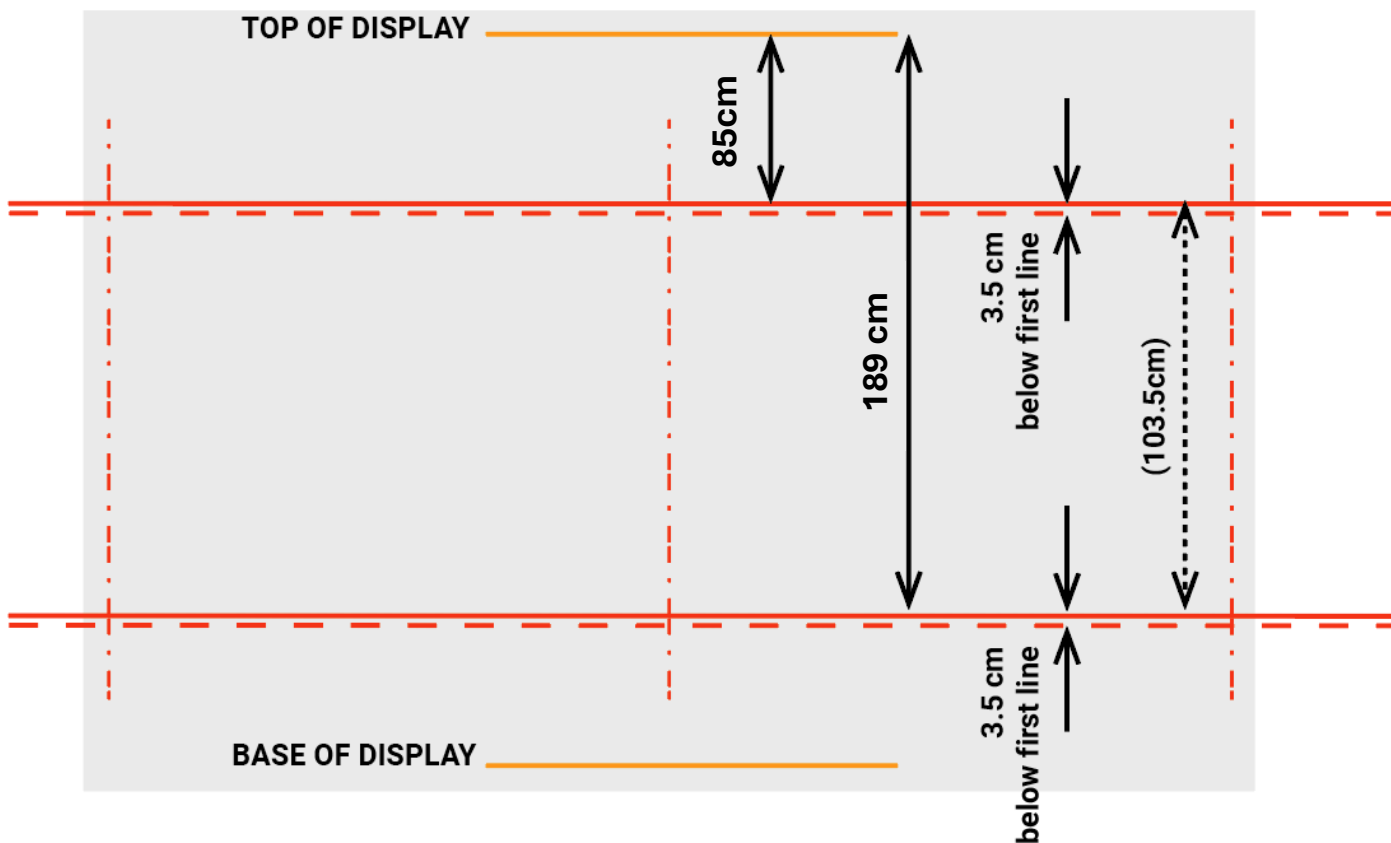
INSTALLATION STEP 1



Location (Continued)

MARK THE POSITION FOR THE HOLES OF THE SCREWS FOR BOTH HANGING BARS

- Draw or project a horizontal line at 86 cm below the line that marks the top of the display.
- Draw or project a parallel horizontal line at 189 cm below the line that marks the top of the display. (=103 cm between both lines)
- Draw another line at 3.5 cm below both the previous lines. These lines indicate the second row of screws for the hanging bars.



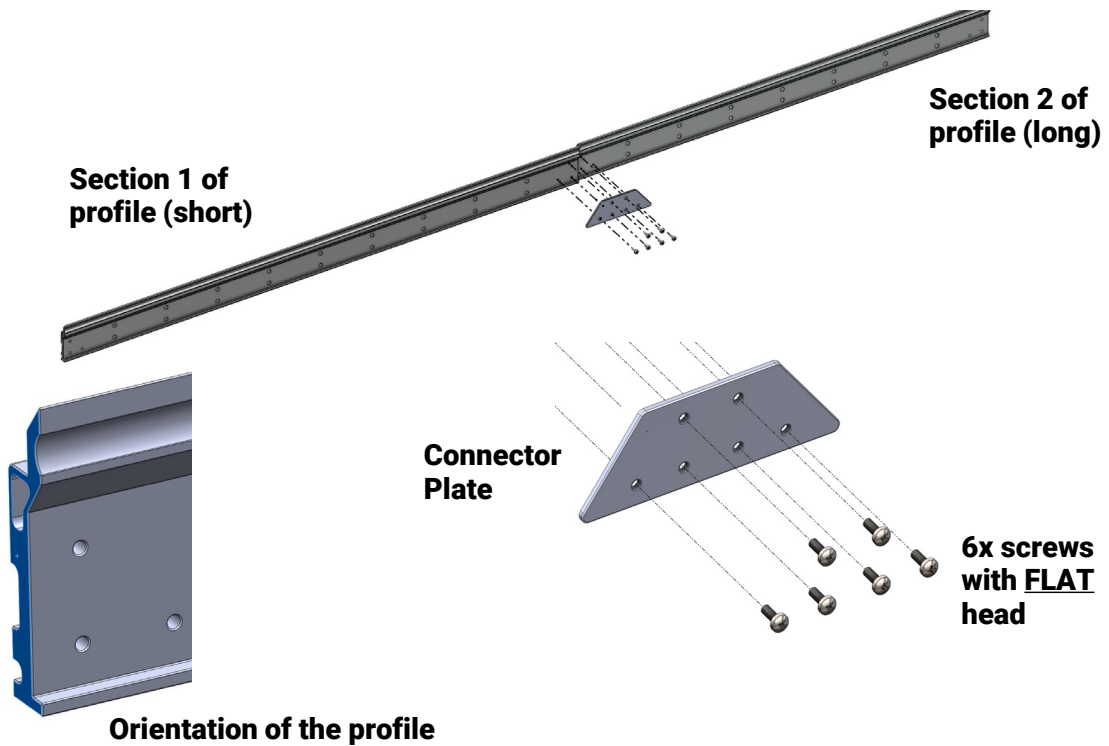
You have now successfully concluded step 1 of the installation process

INSTALLATION STEP 2

Install the hanging bars

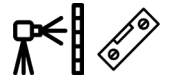
ASSEMBLE THE HANGING BARS

- Align and connect a long and a short section of the hanging profile, using the trapezoidal connector-plate and 6 screws M6*16



REPEAT THIS STEP: ASSEMBLE THE SECOND BAR

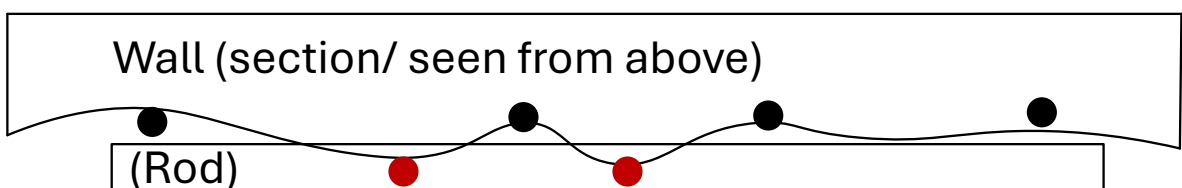
INSTALLATION STEP 2



Install the hanging bars

CHECK THE FLATNESS OF THE WALL

- Take or just use one of the hanging bars and hold it against the marked positions at the wall without using force to prevent deformations. You can also use a large rod, or a long spirit level if you have these at hand.
- In order to avoid problems later on when installing the display, please, check and correct the following topics (if needed):
 - The profile should fit flat against the wall
 - There should be no voids. If any, fill them out.
 - There should be no parts sticking out where the hanging bars are. If any, remove them. In other areas, a protrusion of max 18 mm is acceptable. (This allows for cables or construction details behind the display)
 - If the protruding parts cannot be removed, both hanging bars must be brought forward. The distance to the wall must be filled with solid material. This may complicate the installation and reduce the load bearing capacity of the wall.



Picture 3: Top view of wall section and rod.

INSTALLATION STEP 2

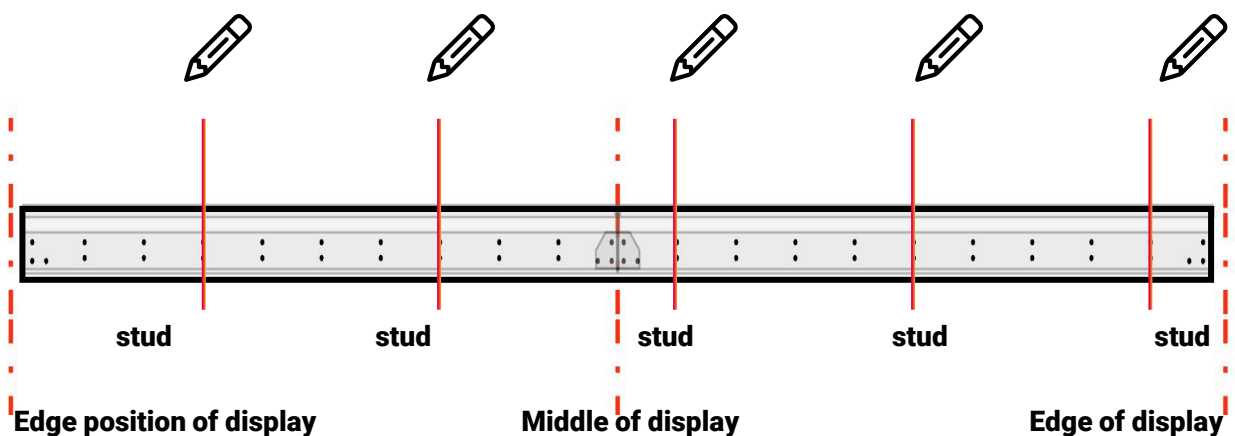
Install the hanging bars (on a stud wall)

IF ON A STUD WALL

Align the holes of the first hanging bar with the markings on the load bearing studs.

- In step 1,2 you have marked where the studs are located in the wall. Now align the mounting holes in the hanging bar to these marks.
- Mark the centers of the matching holes.
- **Important:** at least 5 pairs of screws positions that align to the studs are needed to safely install the product.

If this condition is not met, consider either moving the bar sideways if this gives a better match to the studs, or drill additional holes into the hanging bar, where the studs are located.



The drawing shows the preferred layout of the screws. The pre-drilled holes in the hanging bar are spaced at 15 cm, matching a standard stud pattern of 60 cm.

Hardware to install on a stud wall is not included and must be selected and supplied by the installer.

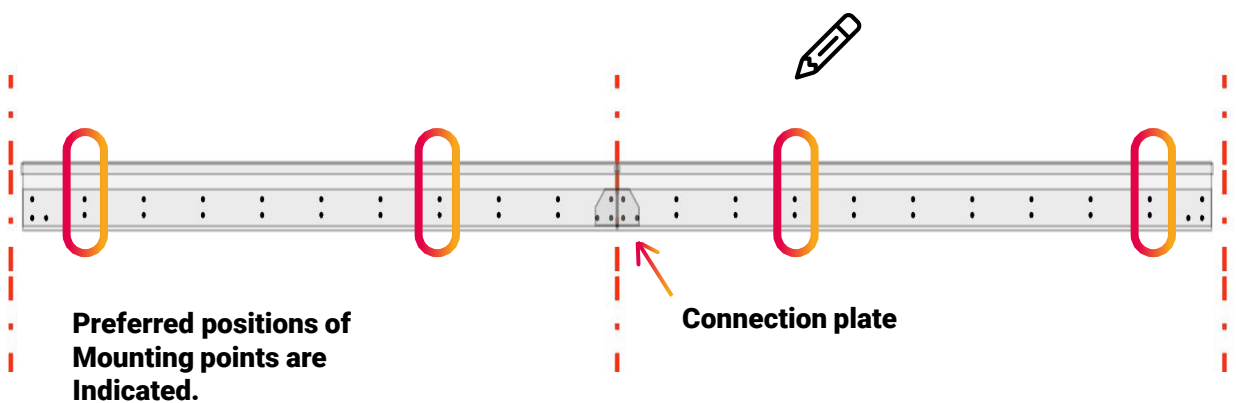
INSTALLATION STEP 2



Install the hanging bars (on a solid wall)

IF ON A SOLID WALL

- Align the screw holes of the hanging bars to the horizontal lines that have been drawn previously.
- The preferred position for the screws are indicated below. Use at least 8 screw points, of which at least 4 on either section. Distribute them evenly.
- Use **at least** 8 (4x2) screw points, of which at least 4 (2x2) on either section. Distribute them evenly.
- Mark the chosen positions.



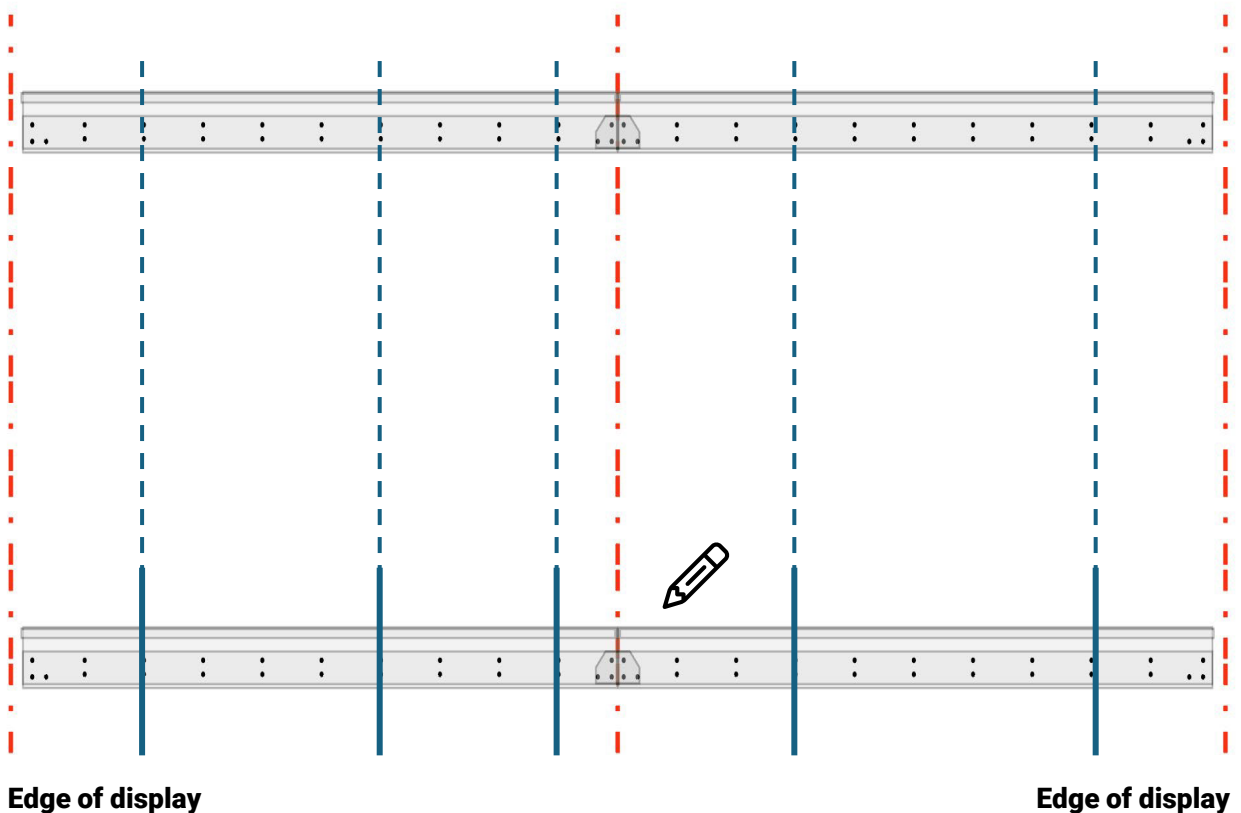
INSTALLATION STEP 2



Install the second hanging bar

INSTALL THE SECOND HANGING BAR:

- Now proceed with the lower hanging bar, in the same way you did with the first.
- Take the utmost care that both bars are parallel to each other and aligned both vertically and horizontally.
- Mark the screw positions with your pencil or marker.



INSTALLATION STEP 2



Fixing the hanging bars to the wall

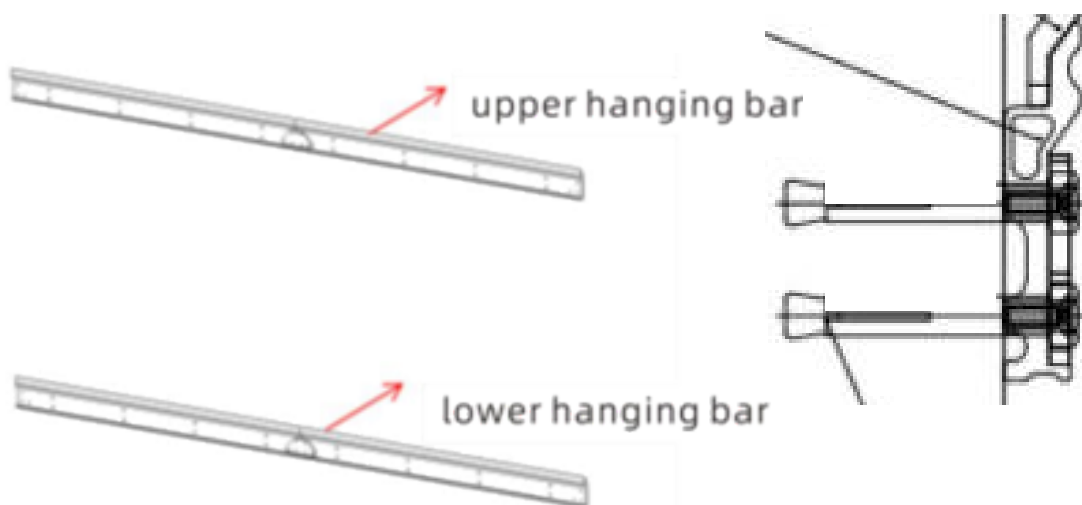
DRILL THE MOUNTING HOLES

- **On stud walls:** dedicated hardware is needed (but not included). Refer to their specs and drills the holes accordingly.
- **On solid walls:** Drill the marked holes with a diameter of 10 mm; to be used with the included M8*80 expansion bolt sets.



INSTALL THE HANGING BARS

- **On a solid wall:** use the M8*80 expansion bolt set for the installation at the corresponding hole positions.



INSTALLATION STEP 2



Fixing the hanging bars to the wall

DO THE DOUBLE-CHECK!

Measure if the wall mount bars are level. If not, adjust it by loosening the expansion bolts. Gently push it to be level by hand, then tighten the bolts.

Use a tape measure to check if the distance between the upper and lower wall mount is correct and consistent. If not, adjust as described above.

You have now successfully concluded step 2

INSTALLATION STEP 3

Install the base modules to the hanging bars

PRE-ASSEMBLED MODULE UNITS.

Carefully take out the connected modules out of their packaging.

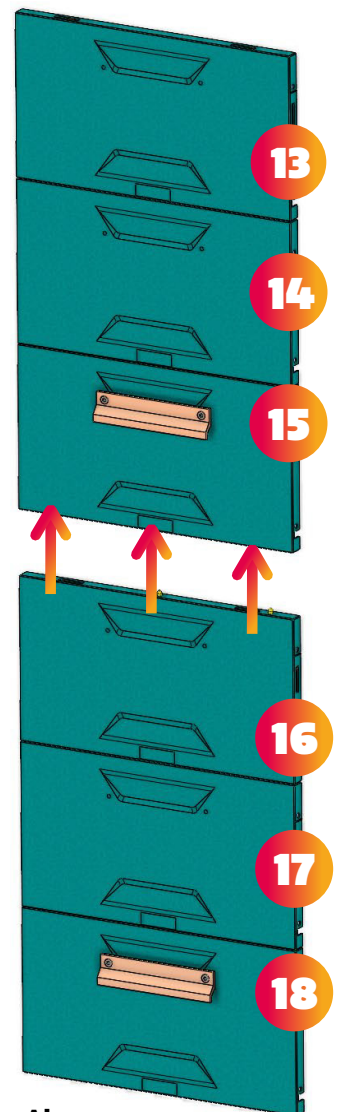
The modules come partly pre-assembled in rows of 3.

Some have an extra side profile: they will be placed at the sides of the display

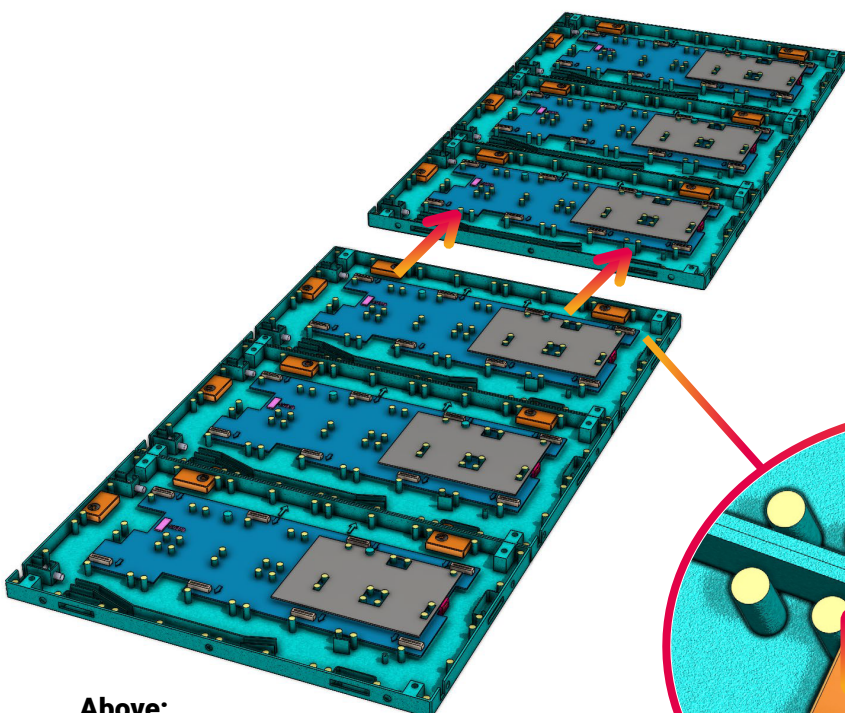
There is a hanging bracket on the back of the second and the fifth module.

All modules are numbered. Please take this into account. You need this information in the next installation steps.

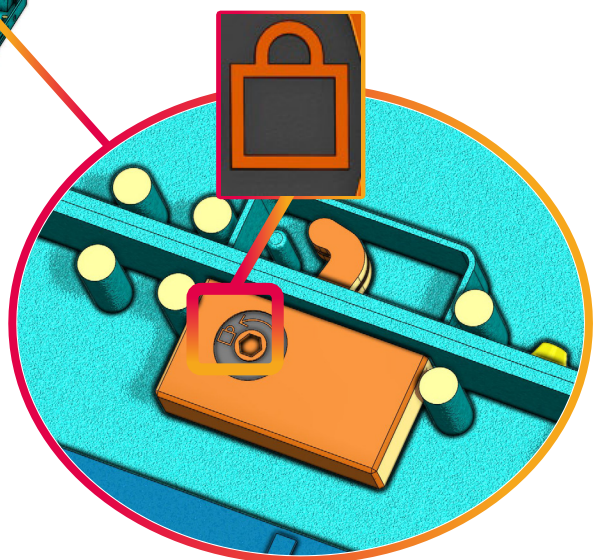
Insert the Allen key and turn the “lock” symbol until fully engaged.



Above:
As seen from the rear



Above:
As seen from the front



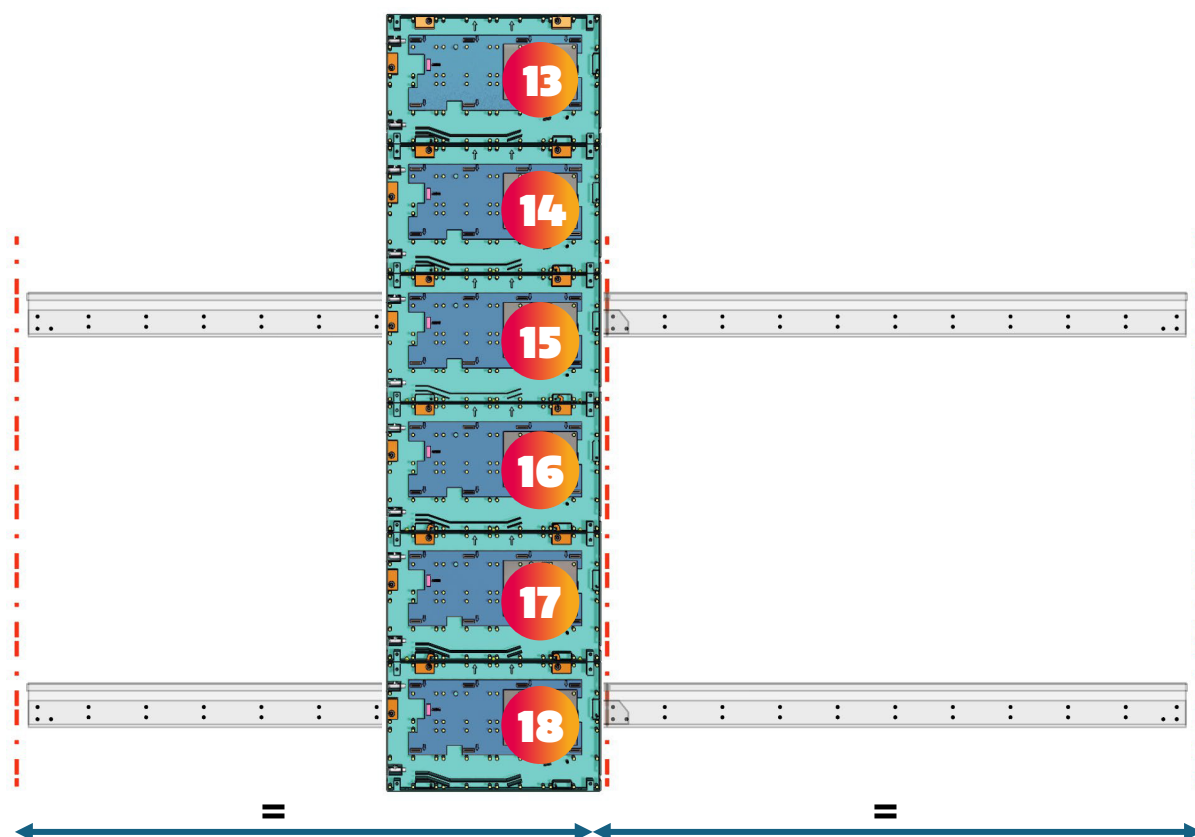
INSTALLATION STEP 3



Install the base modules (continued)

START WITH THE CENTRAL ROW

- Take the module-column that will go into the center of the display. Its modules are numbered 13 - 18.
- Hang this module-column in the center. The distance from left to right should be equal. Use the sidelines you have drawn previously as a guide.
- Both brackets must engage into the hanging bars.

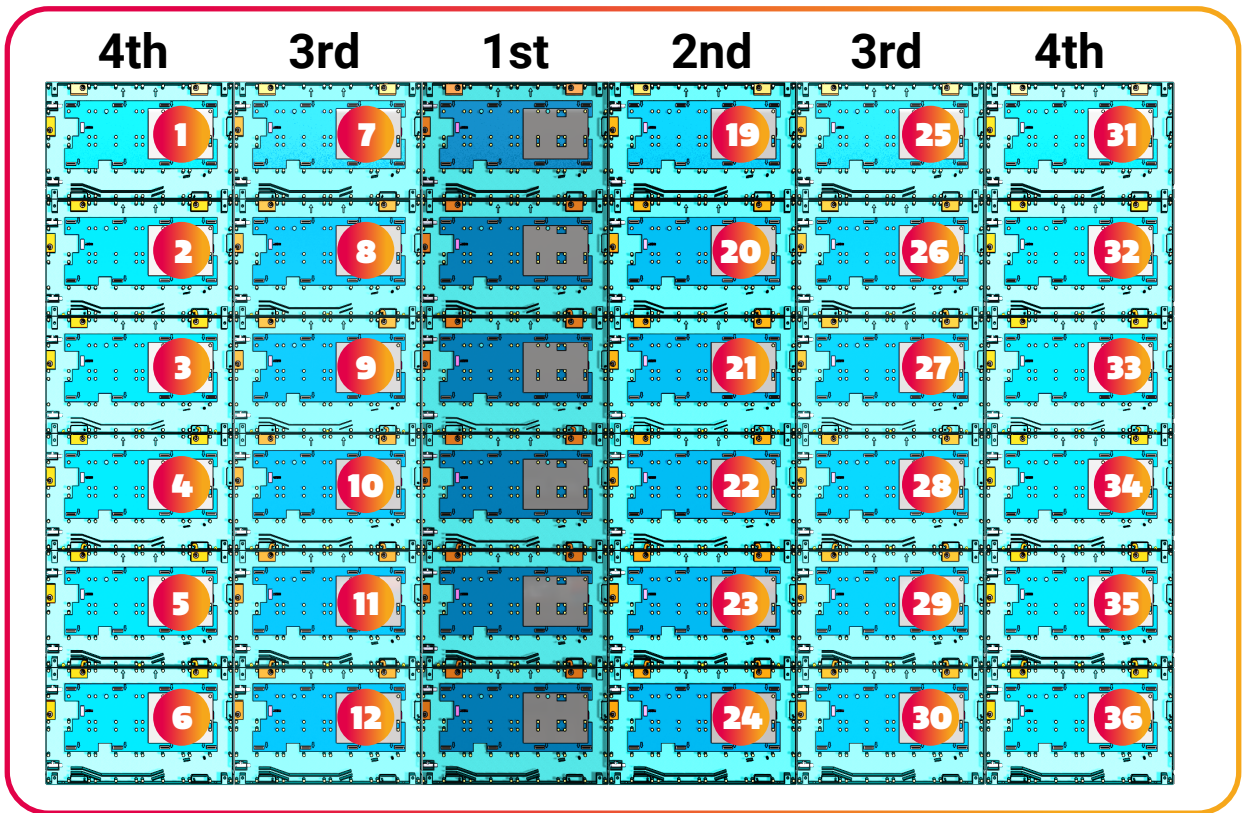


INSTALLATION STEP 3

Install the base modules (continued)

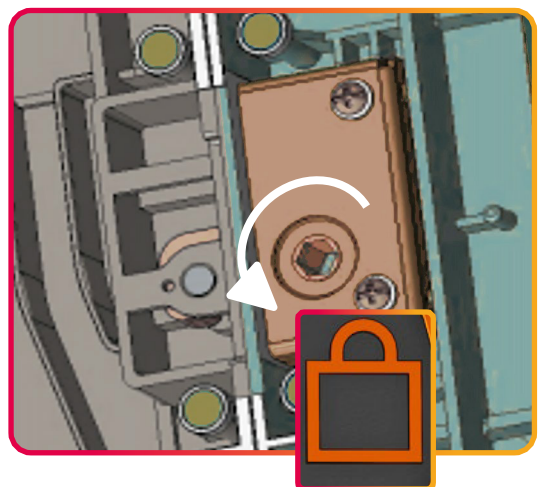
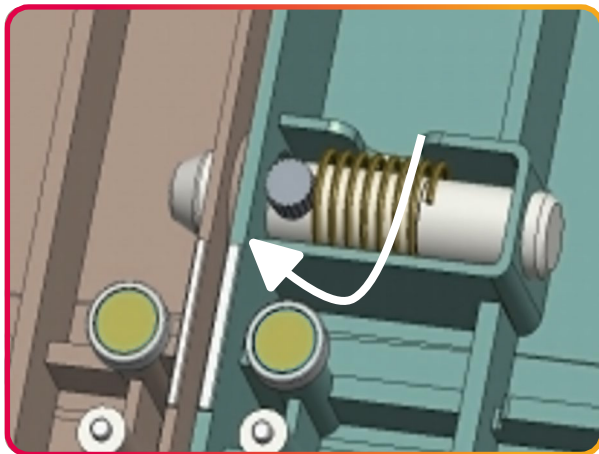
HANG THE OTHER MODULE COLUMNS.

- Start from the central column towards the edge. Follow the numbers as shown on this drawing.



CONNECT THE MODULE COLUMNS.

- Release the pins by lifting the handle.
- Slot the pins in at the corresponding module.
- With the Allen Key, rotate towards the “Lock” icon.
There should be no gap between the modules.



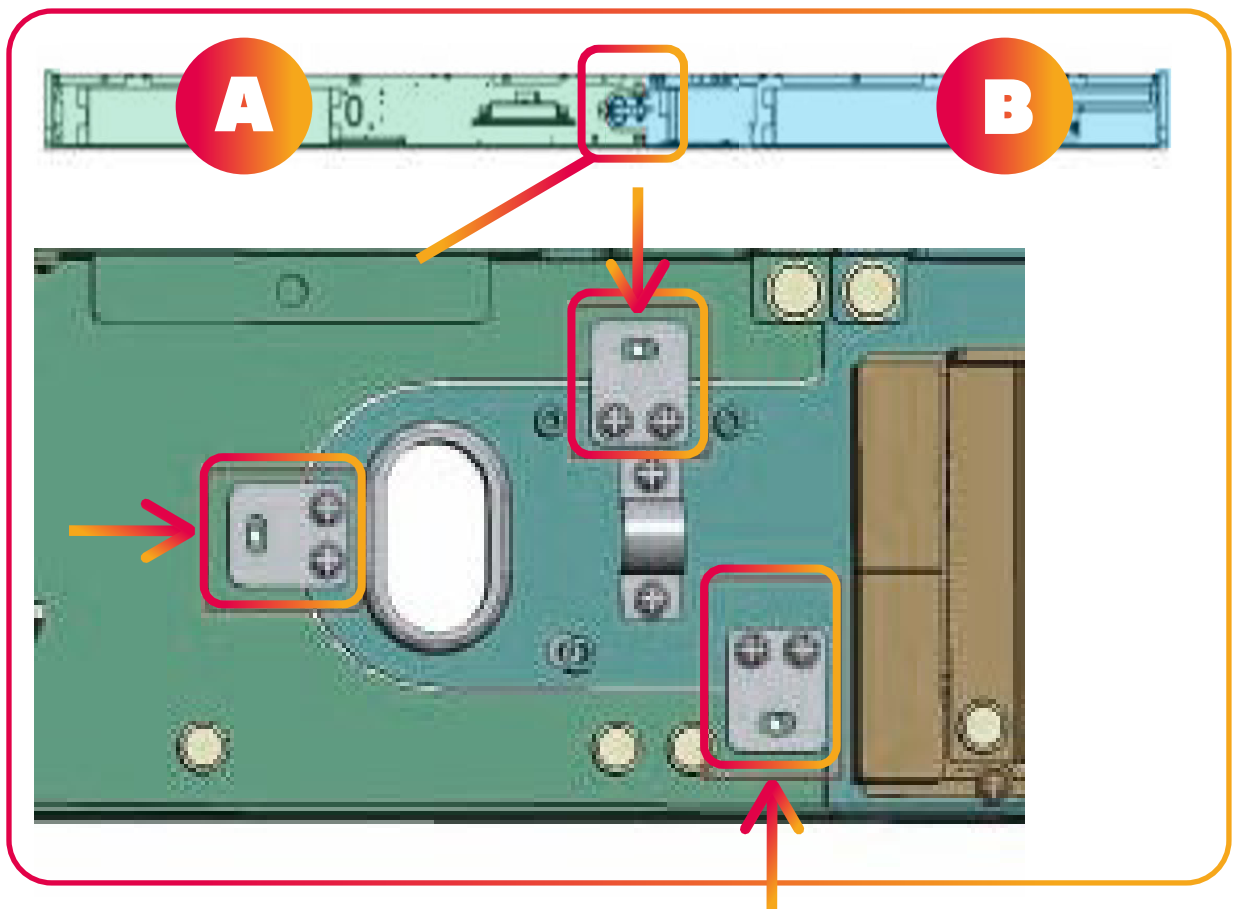
You have now successfully concluded step 3

INSTALLATION STEP 4

Install the bottom frame

BOTTOM FRAME MECHANICAL ASSEMBLY.

- Connect the two sections of the bottom frame. Use 3 screws M3*16 at the indicated positions.

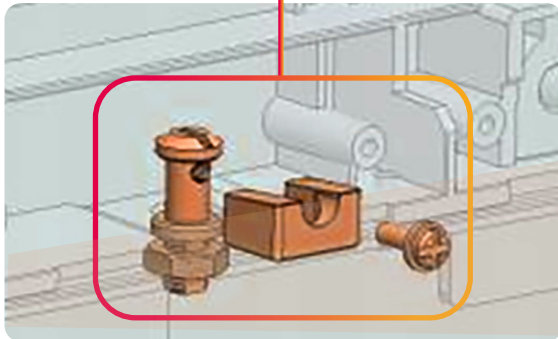
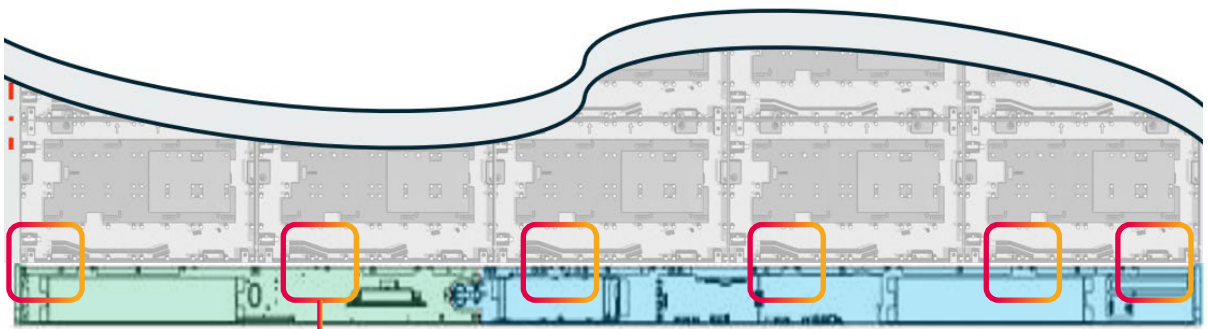


INSTALLATION STEP 4

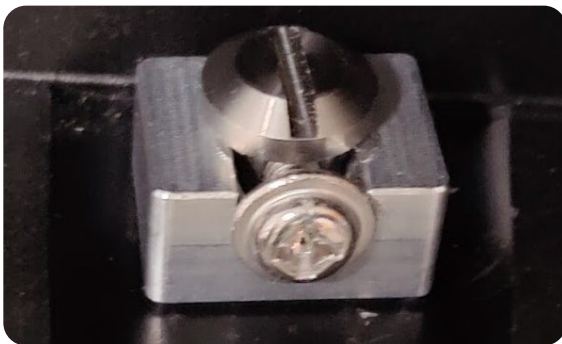
Install the base module

ATTACH THE BOTTOM FRAME TO THE MAIN UNIT

- The bottom frame is fixed to the cabinet assembly with locking blocks and retaining screws.
- The bottom bar has several pins that should fit into the openings at the lower modules. Wiggle to insert it completely into the hole. No gap should remain.



Insert the locking block first and then drive in the screws to fix, as shown in the figure.



Situation after installation

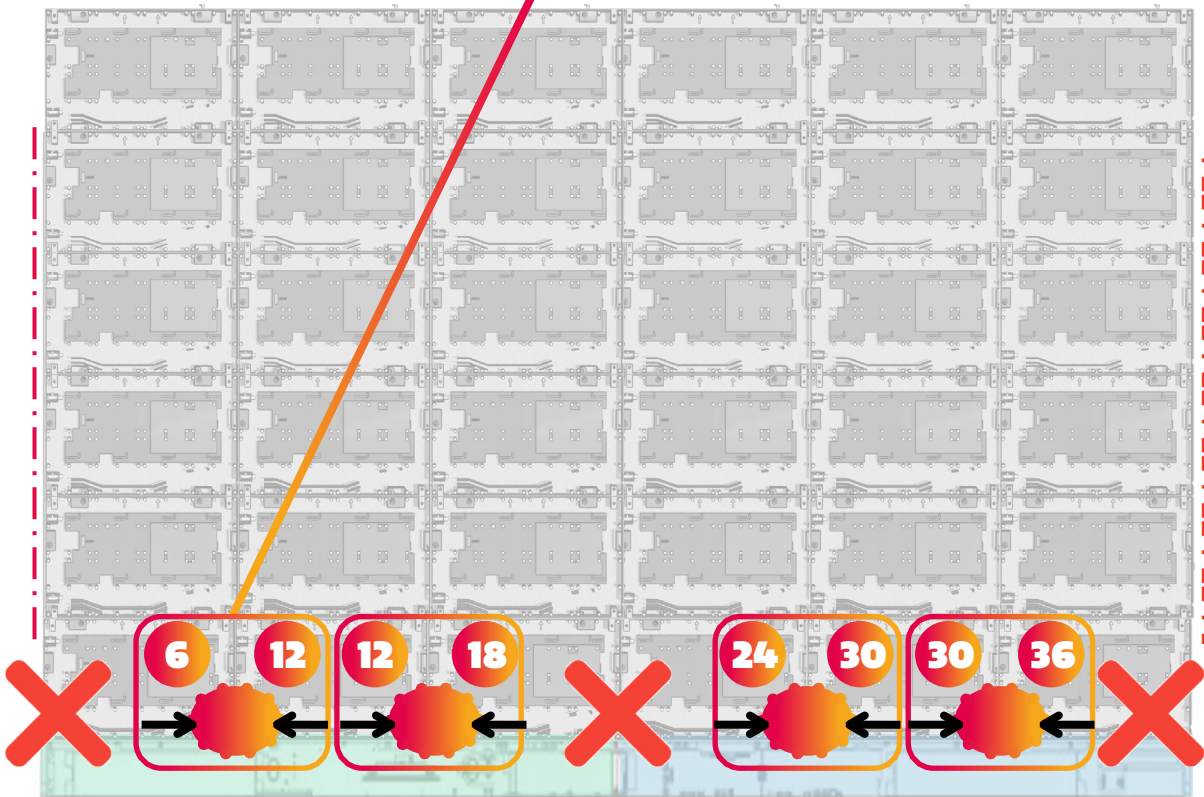
You have now successfully concluded step 4

INSTALLATION STEP 5

Make the power connection!

LINK THE MODULES WITH THEIR POWER CABLE

- Connect the power cables between the modules according to the diagram. The plug fits only one-way. Connect 6 & 12, connect 12 & 18, connect 24 & 30 and connect 30 & 36.

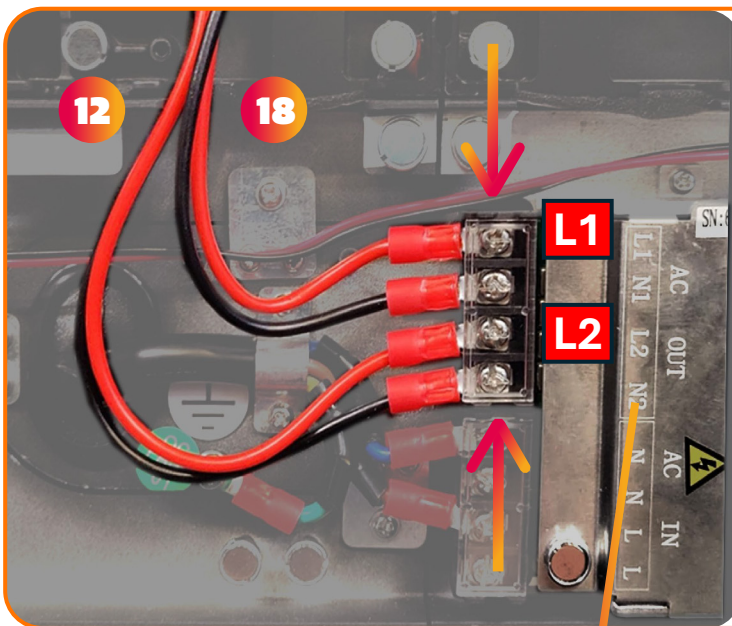


INSTALLATION STEP 5

Make the power connection! (continued)

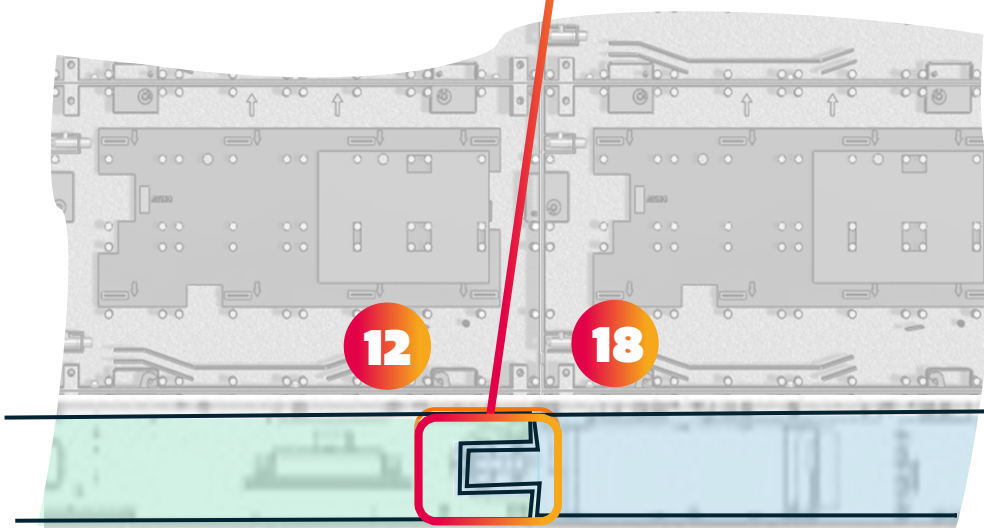
LINK THE POWER SUPPLY TO THE MODULES

- Make sure that the base unit is unpowered.
- There is a pair of red and black wires coming down from module 12 and 18.
- Connect these cables to the power distributor in the base unit. Note where the red and black cables go.



DO NOT SWITCH RED AND BLACK WIRES. THIS WILL DAMAGE THE UNIT.

AC OUT L1 (red)
AC OUT N1 (black)
AC OUT L2 (red)
AC OUT N2 (black)



- Use proper tooling
- make sure all connections are tight!

INSTALLATION STEP 5

Make the Power Connection! (continued)

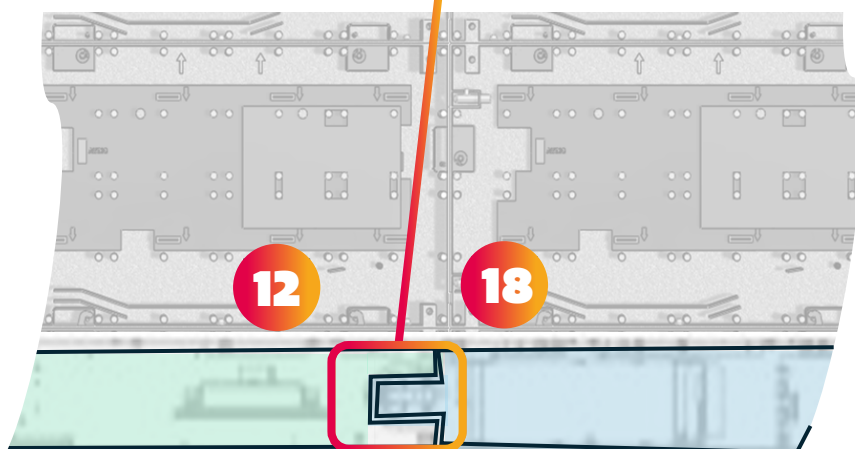
ATTACH THE MAIN POWER CABLE TO THE BASE

- This unit comes with different power cables for each region. Select the correct one for your area.
- Do not shorten nor replace this cable.
- Guide the free ends through the rear of the grommet at the back of the base unit.
- Make the connections as shown below.



DO NOT SWITCH RED AND BLACK WIRES. THIS WILL DAMAGE THE UNIT.

**Blue goes to N/IN
Brown goes to L/IN
Yellow goes to the ground screw.**



- Use proper tooling
- make sure all connections are tight!

You have now successfully concluded step 5

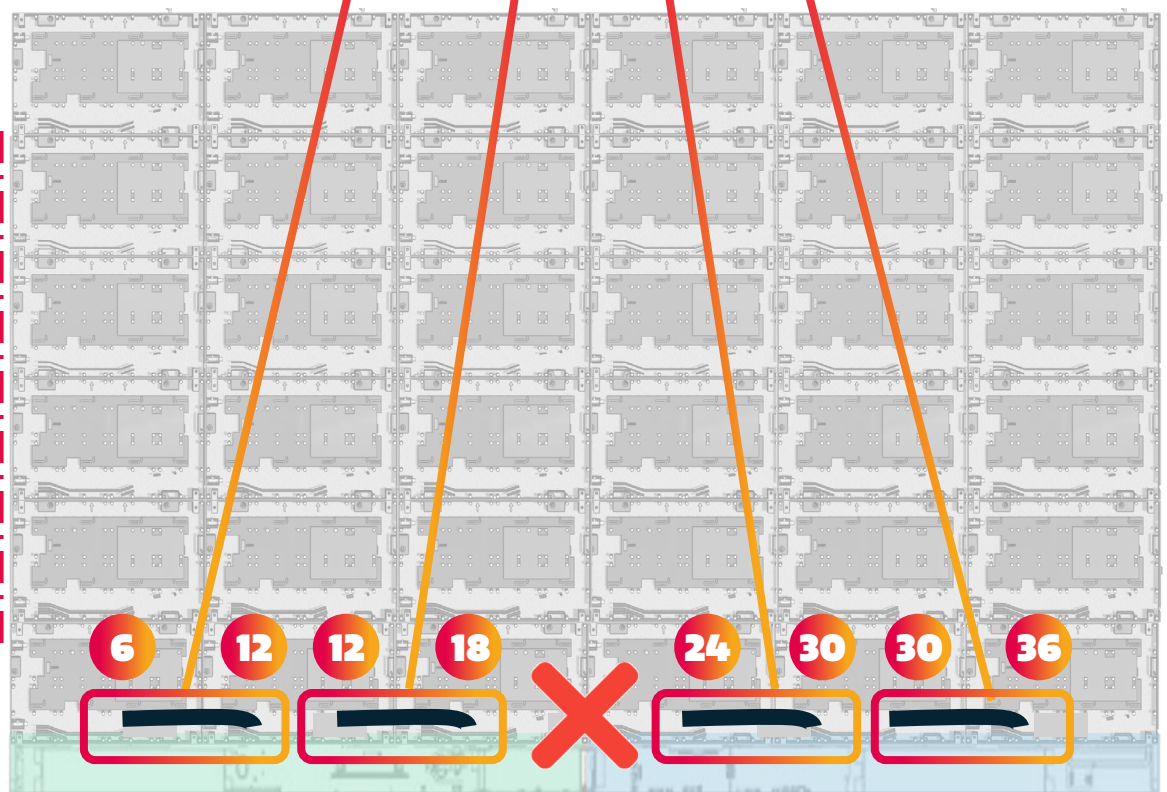
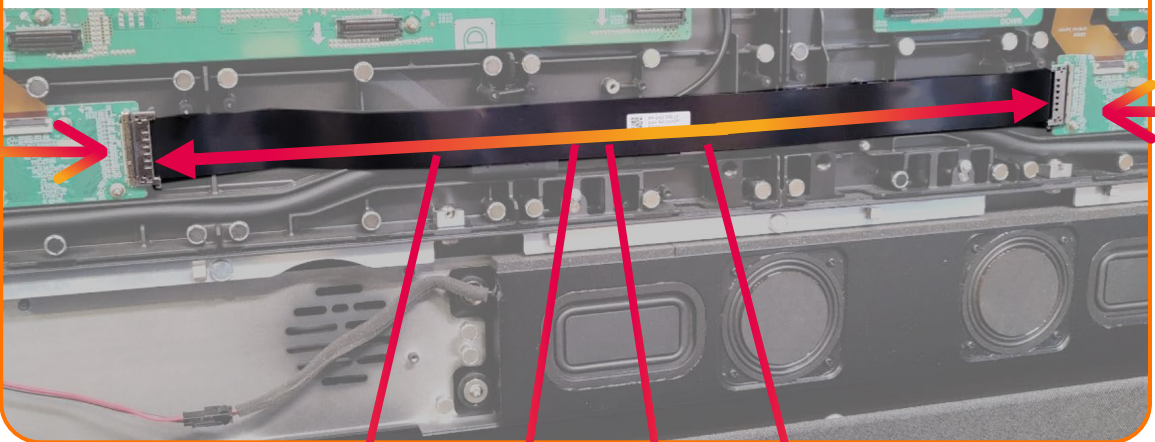
INSTALLATION STEP 6

Get the signal to the modules.

SIGNAL DISTRIBUTION CABLES

- Plug three flat signal cables between the columns.
- Link 6 & 12, 12 & 18, 24 & 30, and 30 & 36.
- The cables only fit in one way. Gently slide the ends into the connectors.

**NOTE THE POSITION OF THE CABLES.
THEY ONLY FIT ONE WAY.
THE BLACK SIDE IS FACING TOWARDS YOU.**

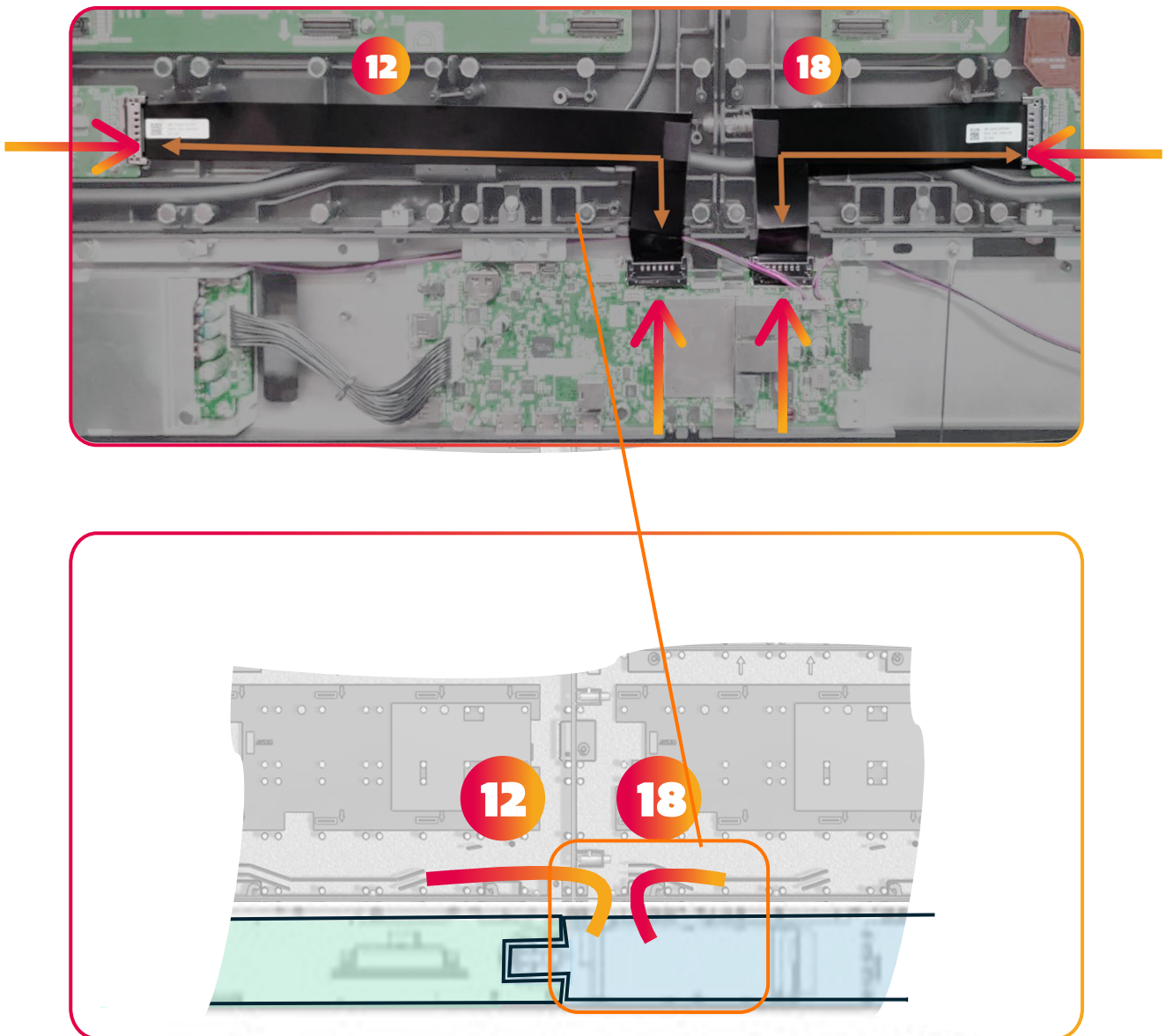


INSTALLATION STEP 6

Connect the signal cables to the bottom frame.

MAIN SIGNAL CABLES

- These flat signal cables are L-shaped and they come in two lengths. Please note which one goes in what place.
- Connect the signal cables from the base to the connectors on modules 15 and 20. (see image below)
- Gently slide the ends into the connectors.



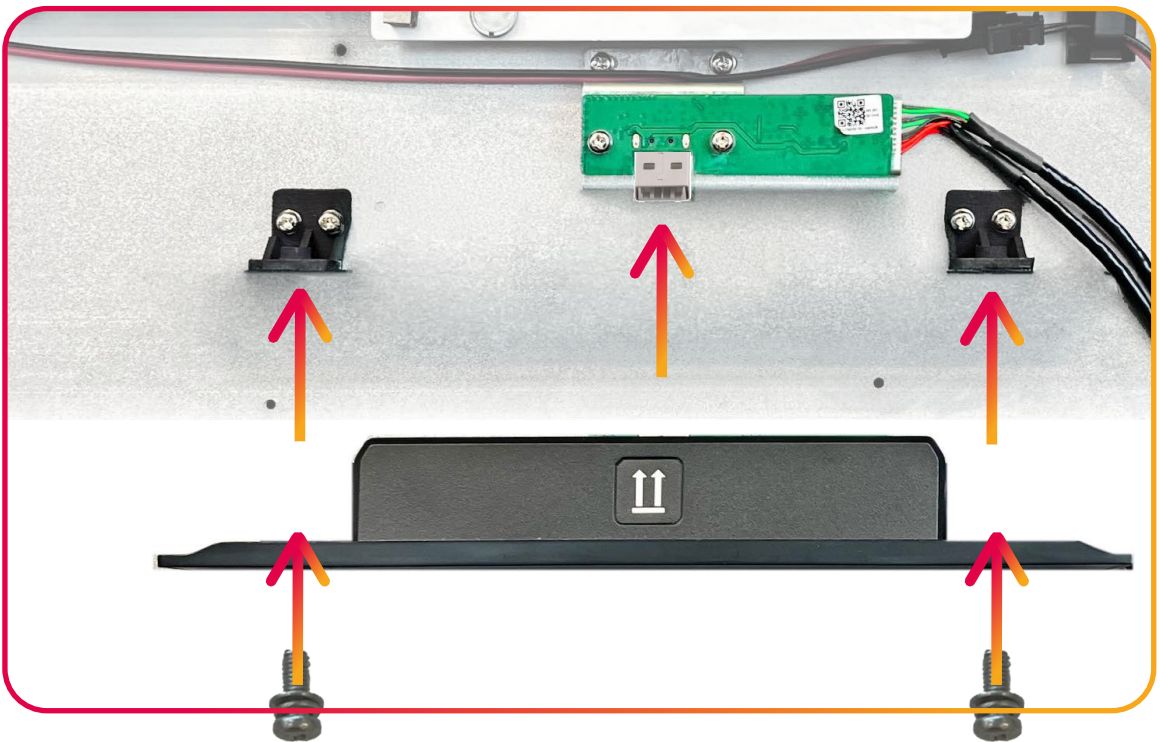
You have now successfully concluded step 6

INSTALLATION STEP 6

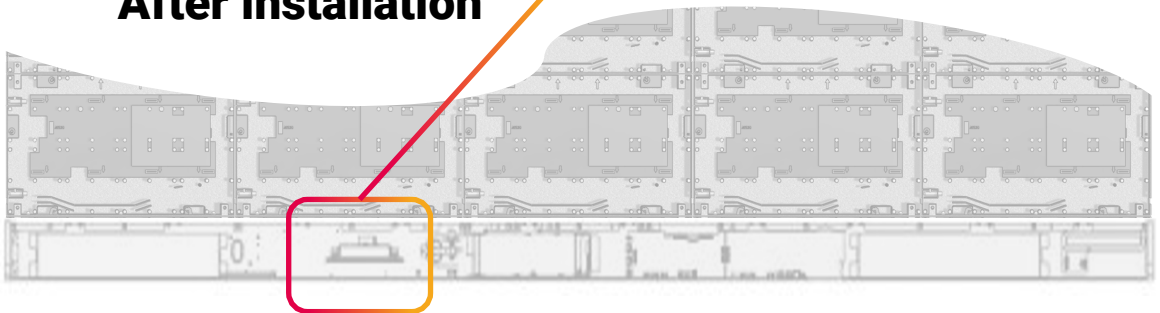
Install the WIFI module

PLACING THE MODULE

- On the left side of the base, the module snaps to the two brackets that are pre-installed. Make sure that the USB connector is properly seated.
- Secure with two screws M3x8 from below



After installation

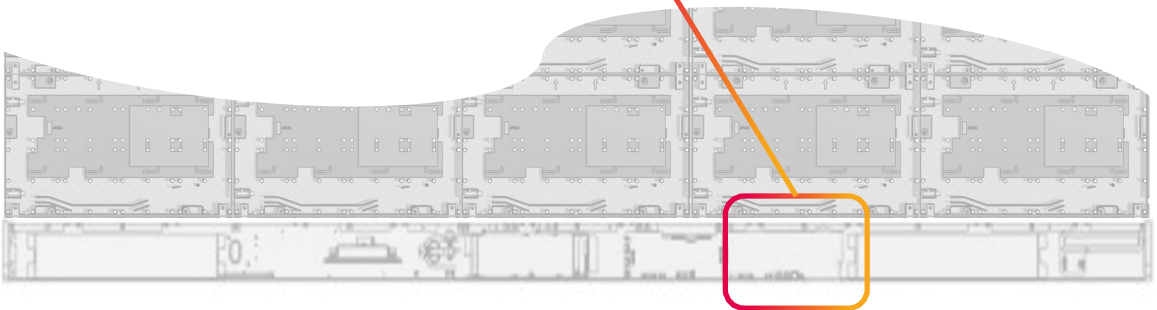
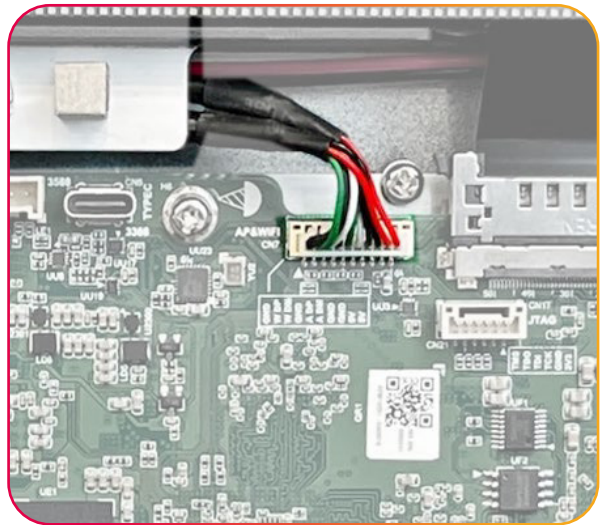


INSTALLATION STEP 6

Install the WIFI module

CONNECT THE WIFI CABLES TO THE MAIN BOARD

- Locate the cable that starts from the small WIFI board and guide it through the center section towards the right side of the bottom frame.
- Insert the cable plug into the matching connector.
(red goes right)

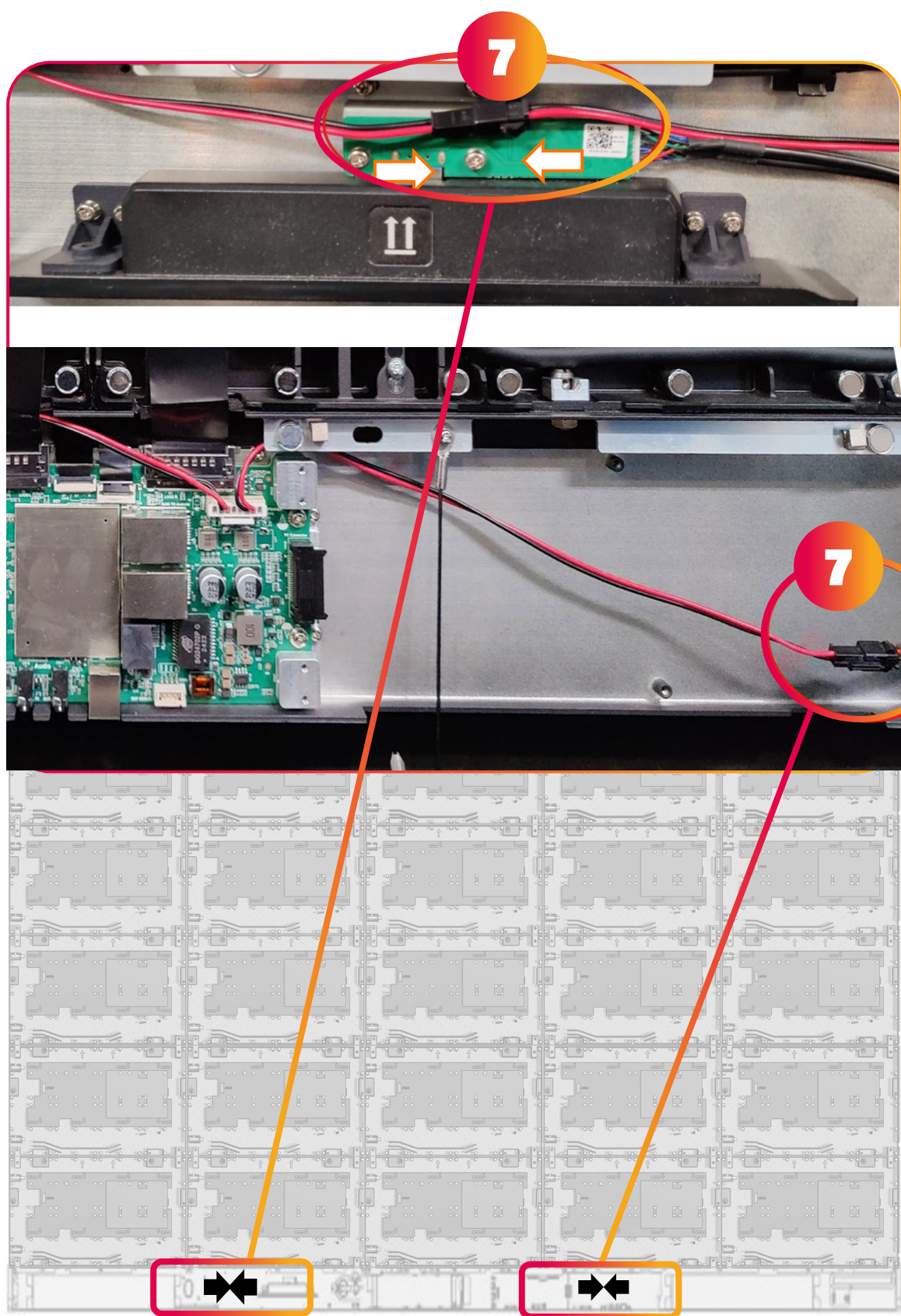


INSTALLATION STEP 6

Connect the audio speakers to the amplifier.

AUDIO SPEAKER CABLES LEFT AND RIGHT CHANNEL

- Connect both speakers to the amplifier
- The plug only fits one way

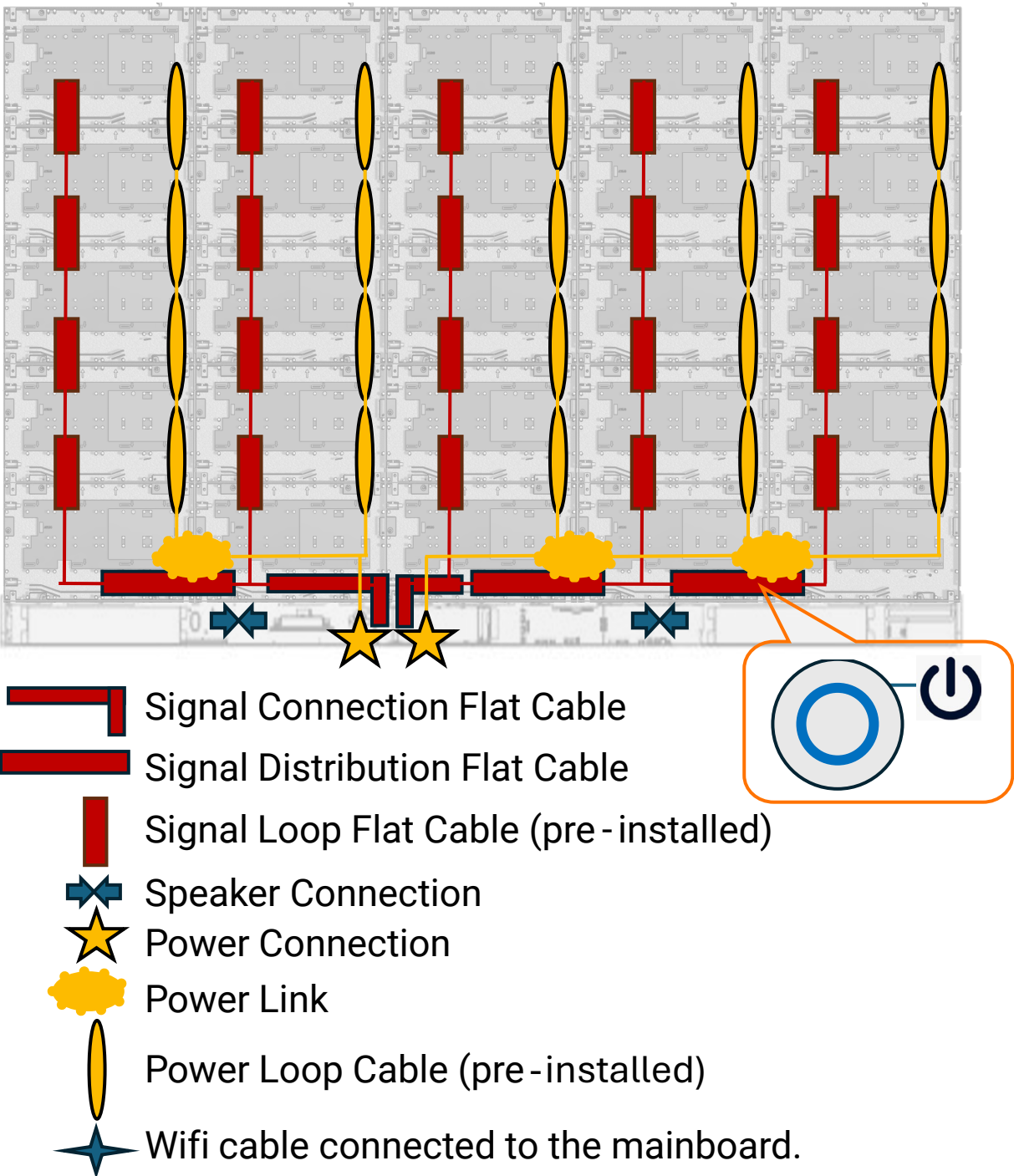


INSTALLATION STEP 7

Check: overview of connections

VERIFY ALL CONNECTIONS

- Compare the chart to the setup for anything missing.



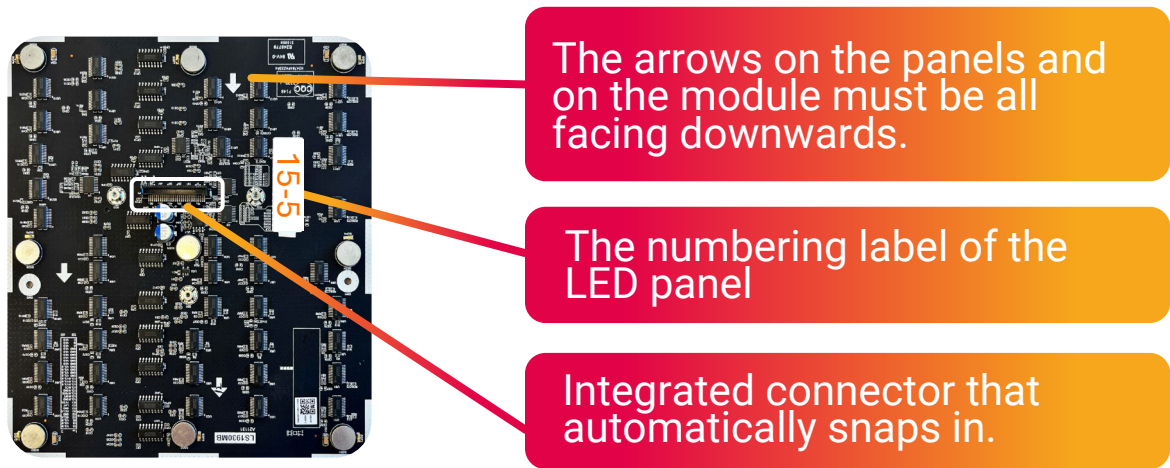
- Plug in the power cable and switch on the display (on/off button at the lower right corner)
- All modules must show illuminated LED indicators. If not, re-check all connections and cables.

You have now successfully concluded step 7

Overview of the LED panels

INSTALL THE LED PANELS

- Wear the anti-static gloves to avoid damage to the system
- All panels were numbered ('X') is the module they belong to
- The second number ("y") is its position in that specific module.



LED Panel as seen from the back

1-1	1-2	1-3	1-4	7-1	7-2	7-3	7-4	13-1	13-2	13-3	13-4	19-1	19-2	19-3	19-4	25-1	25-2	25-3	25-4	31-1	31-2	31-3	31-4
1-5	1-6	1-7	1-8	7-5	7-6	7-7	7-8	13-5	13-6	13-7	13-8	19-5	19-6	19-7	19-8	25-5	25-6	25-7	25-8	31-5	31-6	31-7	31-8
2-1	2-2	2-3	2-4	8-1	8-2	8-3	8-4	14-1	11-2	14-3	14-4	20-1	20-2	20-3	20-4	26-1	26-2	26-3	26-4	32-1	32-2	32-3	32-4
2-5	2-6	2-7	2-8	8-5	8-6	8-7	8-8	14-5	14-6	14-7	14-8	20-5	20-6	20-7	20-8	26-5	26-6	26-7	26-8	32-5	32-6	32-7	32-8
3-1	3-2	3-3	3-4	9-1	9-2	9-3	9-4	15-1	15-2	15-3	15-4	21-1	21-2	21-3	21-4	27-1	27-2	27-3	27-4	33-1	33-2	33-3	33-4
3-5	3-6	3-7	3-8	9-5	9-6	9-7	9-8	15-5	15-6	15-7	15-8	21-5	21-6	21-7	21-8	27-5	27-6	27-7	27-8	33-5	33-6	33-7	33-8
4-1	4-2	4-3	4-4	10-1	10-2	10-3	10-4	16-1	16-2	16-3	16-4	22-1	22-2	22-3	22-4	28-1	28-2	28-3	28-4	34-1	34-2	34-3	34-4
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5-1	5-2	5-3	5-4	11-1	11-2	11-3	11-4	17-1	17-2	17-3	17-4	23-1	23-2	23-3	23-4	29-1	29-2	29-3	29-4	35-1	35-2	35-3	35-4
5-5	5-6	5-7	5-8	11-5	11-6	11-7	11-8	17-5	17-6	17-7	17-8	23-5	23-6	23-7	23-8	29-5	29-6	29-7	29-8	35-5	35-6	35-7	35-8
6-1	6-2	6-3	6-4	12-1	12-2	12-3	12-4	18-1	18-2	18-3	18-4	24-1	24-2	24-3	24-4	30-1	30-2	30-3	30-4	36-1	36-2	36-3	36-4
6-5	6-6	6-7	6-8	12-5	12-6	12-7	12-8	18-5	18-6	18-7	18-8	24-5	24-6	24-7	24-8	30-5	30-6	30-7	30-8	36-5	36-6	36-7	36-8

Preferred starting position. This is panel 18-5. Always complete a full module at a time.

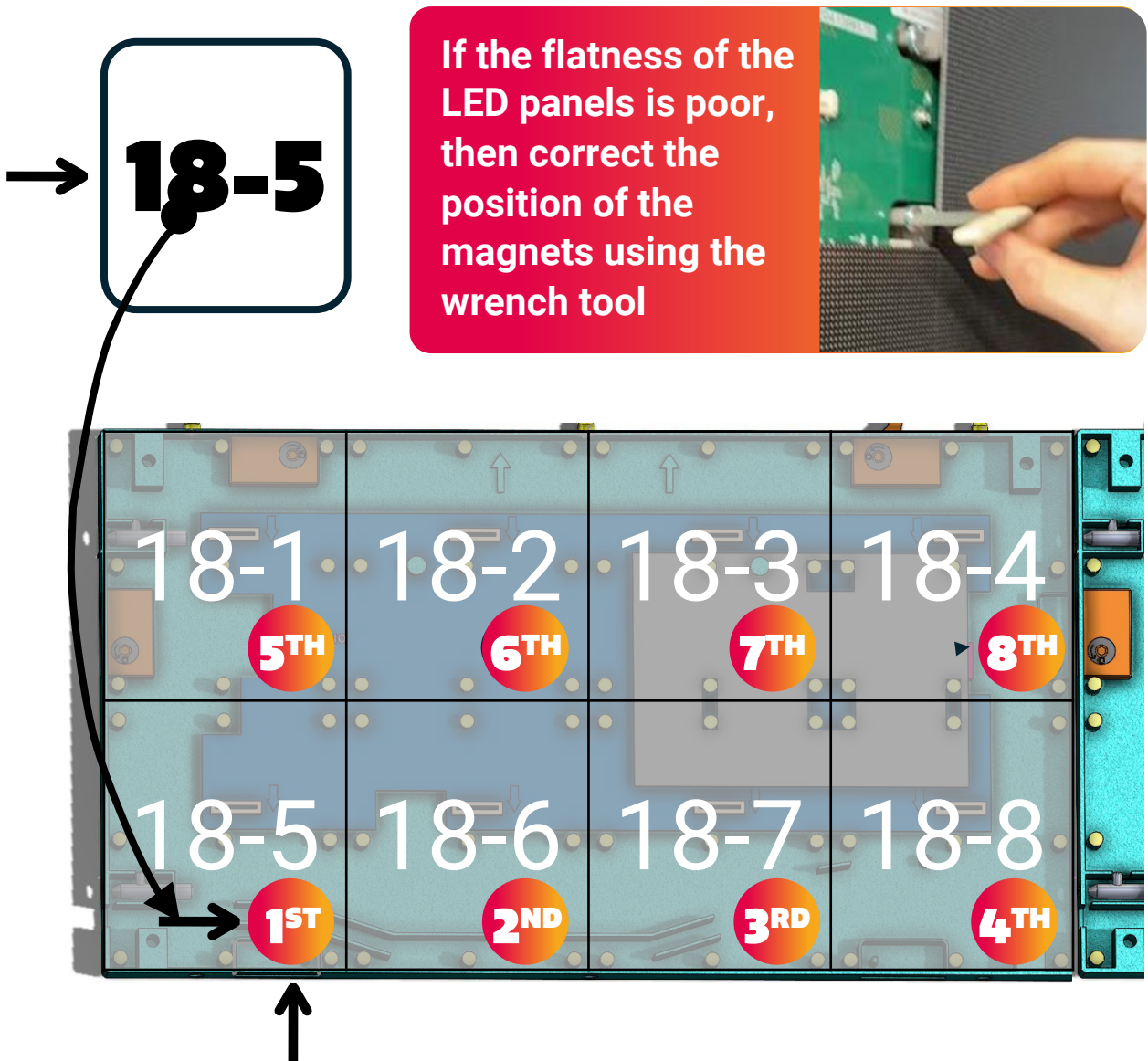
INSTALLATION STEP 8



Fitting the LED panels

INSTALL THE LED PANELS

- Wear the anti-static gloves
- Switch off the unit, if it is still powered-up
- Start installing from the center and bottom to minimize the effect of tolerances.
- Align the first panel (18-5) to the outer edge of its module (side and bottom)
- The panels are magnetically attached.
- The electronics connector will snap right in when properly aligned, you do not need to apply any force.
- Then continue with all other LED panels, always adjacent to the already installed panels.

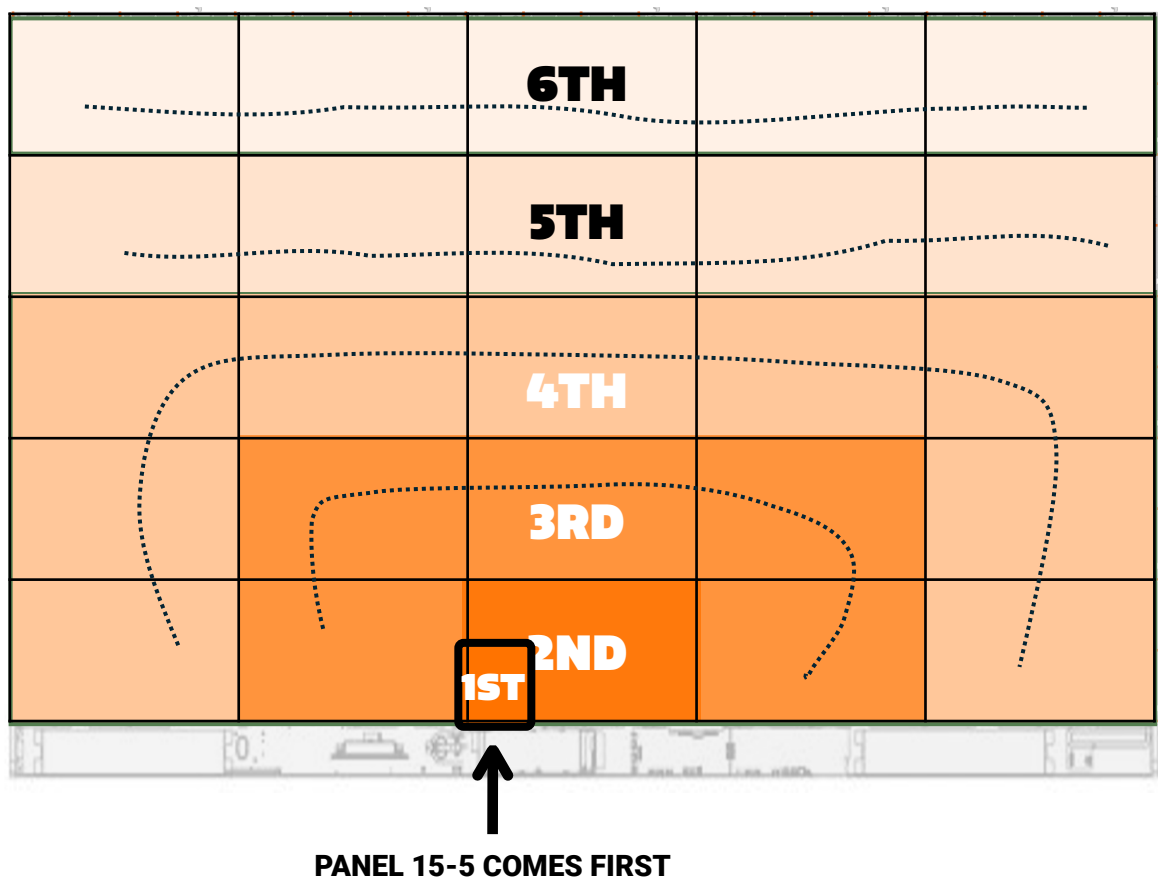


INSTALLATION STEP 8



Fitting the LED panels (continued)

- Then continue with all other LED panels, always adjacent to the already installed panels. The illustration below suggests a possible pattern to do the installation.
- Make sure to match the numbered LED panels to their relative position on the modules. Refer to the diagram on the page 34.



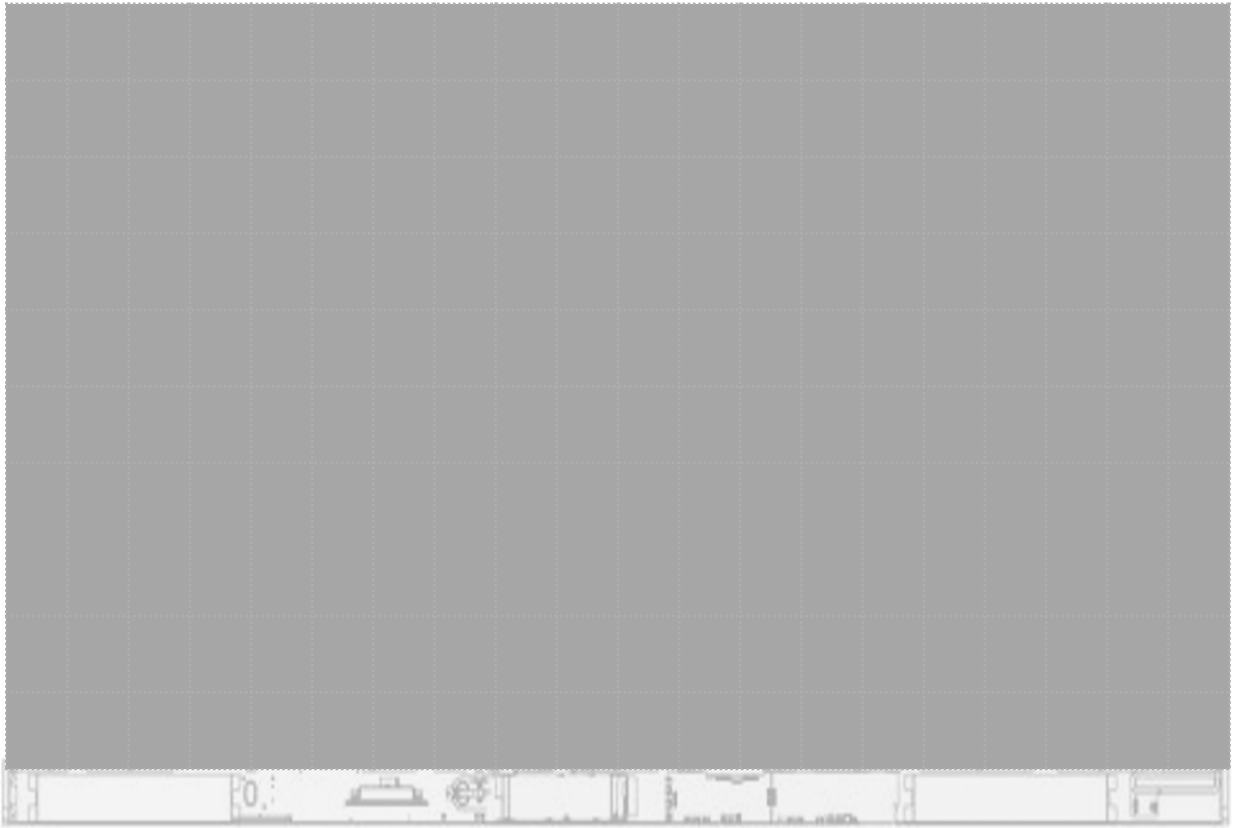
INSTALLATION STEP 8



Fitting the LED panels (continued)

WITH ALL LED PANELS INSTALLED, THE DISPLAY LOOKS LIKE THIS

All LED panels should be flush and the gaps between them should be nearly invisible but still noticeable



If there are LED panels that stick out too much:

- return to the previous step and correct the position of the magnets
- Use the supplied suction cup to take out the LED panels from their base modules.
- Use the supplied wrench to turn the magnets in or out.
- Then put the LED panels back in place.

You have now successfully concluded step 8

INSTALLATION STEP 9

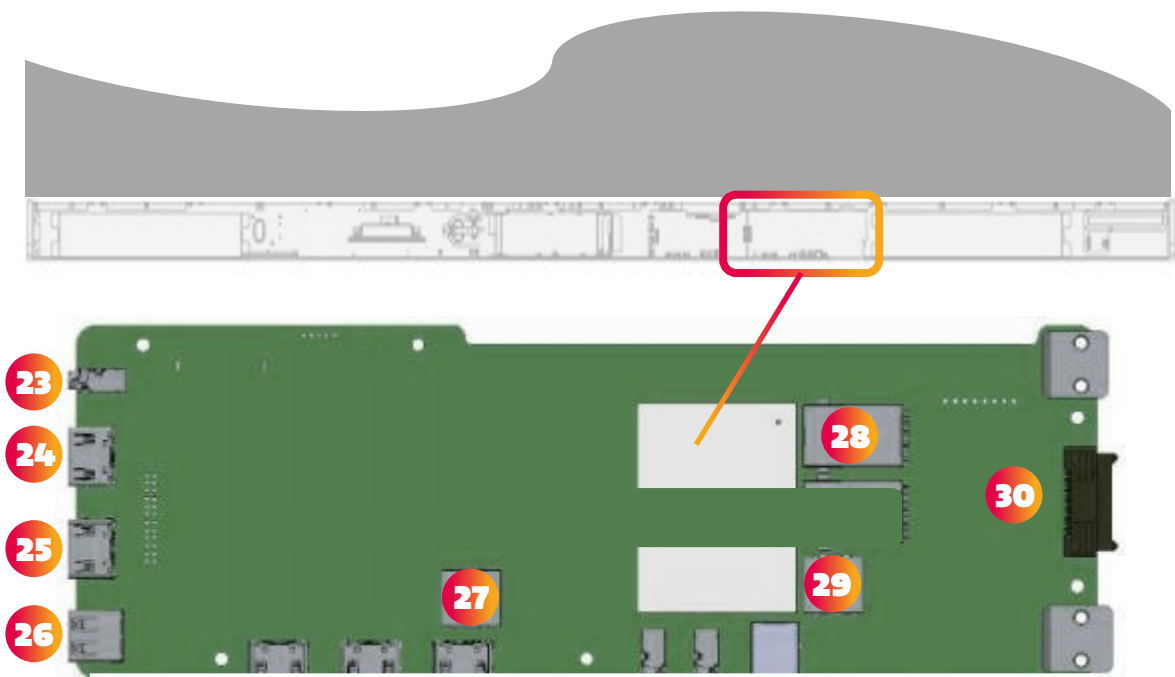
Connecting the peripherals

THE INSIDE CONNECTIONS

These connectors will not be commonly accessible after completing the installation, and will be hidden by the cover.

Cables can be guided from the rear and insterted through the cable grommets in the back.

Refer to the table below to identify the connectors



ON THE INSIDE OF THE MACHINE	
23	3,5mm audio output
24	HDMI1 input
25	HDMI2 input
26	USB 2.0
27	RJ45 (RS232)
28	RJ45 Android LAN port
29	POE (Power Over Ethernet)
30	OPS connector. (Open Pluggable Specification)

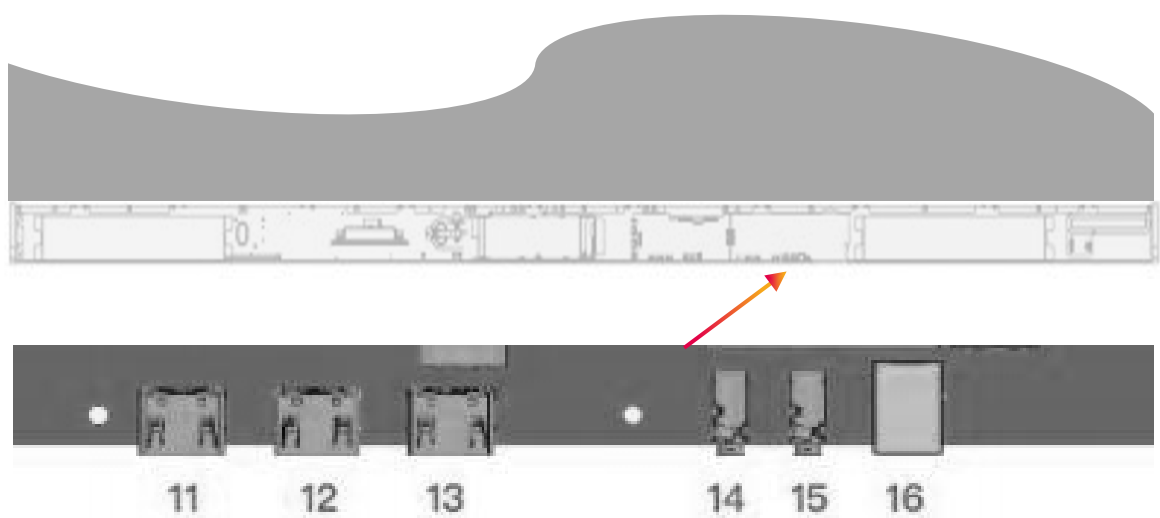
INSTALLATION STEP 9

External Connections (underside/ front)

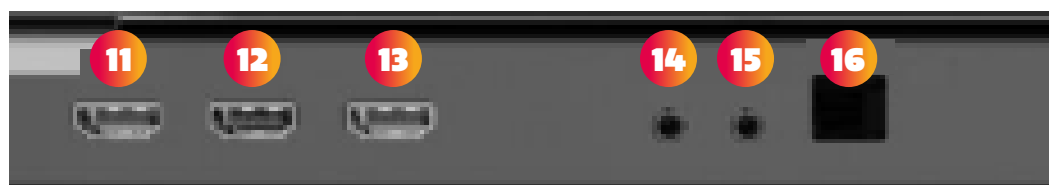
USER PLUGGABLE CONNECTIONS

Refer to the table below to identify the connectors.

The connectors at the bottom edge of the display remain accessible once the installation is completed.



Connectors, frontally



Connectors as seen and accessible from below

CONNECTORS AT THE BOTTOM BEZEL OF THE MACHINE	
11	HDMI input
12	HDMI input
13	HDMI OUT
14	3.5mm audio output
15	3.5mm audio input
16	USB out

You have now successfully concluded step 9

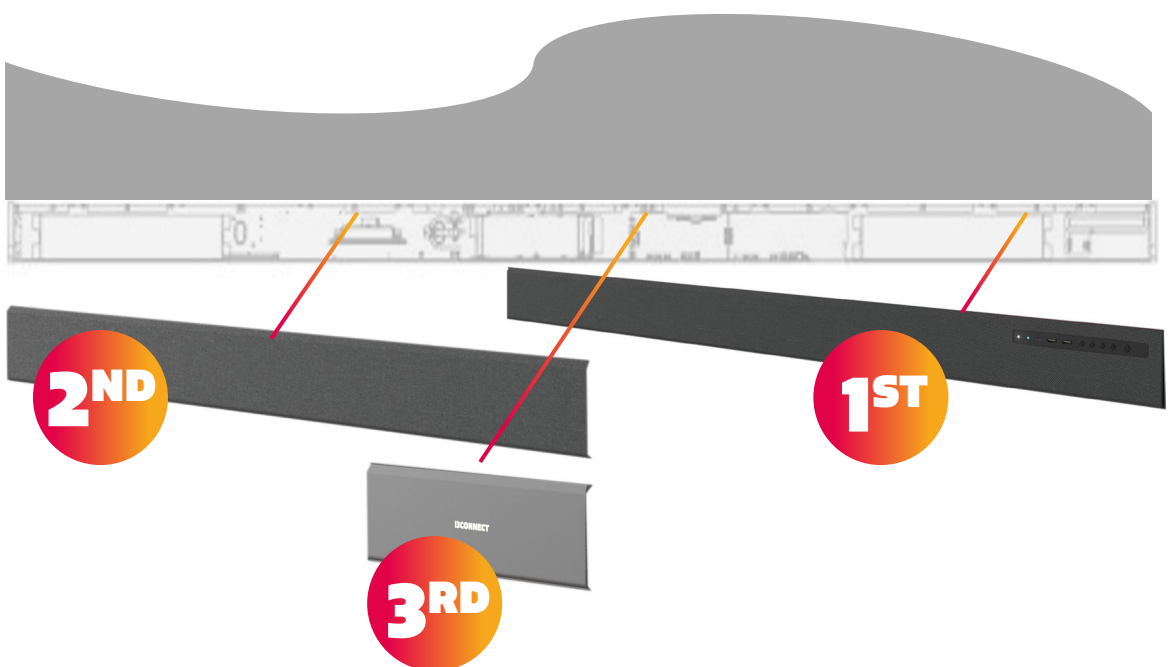
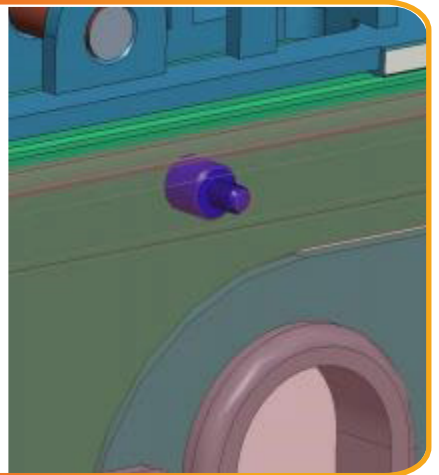
INSTALLATION STEP 10

Bottom Trim and Command Buttons

INSTALL THE FRONT COVER TRIM

- First install the cover plate far right (the one with the controls). Then the one that goes far left. Finish with the metallic center piece.
- Each cover plate has locating pins. After aligning the pins, the cover plate will be fixed to the bottom frame through magnetic attraction.

Detail (see through) of locating pin of front cover:



- After this step, the front controls are accessible.
- Refer to the next page to see how to use them.

INSTALLATION STEP 10

Bottom Trim and Command Buttons (continued)

FRONTAL CONTROLS AND CONNECTIONS

Refer to the table below to identify the connectors.

The connectors at the front remain accessible once the installation is completed.



AT THE FRONT OF THE MACHINE	
1	Light Sensor
2	IR sensor (for remote control)
3	Type C for mouse or keyboard (no image transfer)
4	USB 3.0
5	USB 3.0
6	Menu button (brightness/ color temperature/ contrast/ sound/ signal source and sub-menus)
7	1. When the menu is not called up it is the brightness adjustment button, and the + and - keys are used to adjust the brightness; 2. When the menu is called up: 'confirm' button.)
8	1.In the brightness adjustment mode, it is the brightness reduction key; 2.When the Menu is called up: left/down/minus key. 3.The default is the volume down button.
9	1.In the brightness adjustment mode, it is the brightness increase key; 2.When the menu is called up,It is the right/up/Add key 3.The default is the volume up button
10	Standby/Wake up button, dual-color indicator light(red/blue)

You have now successfully concluded step 10

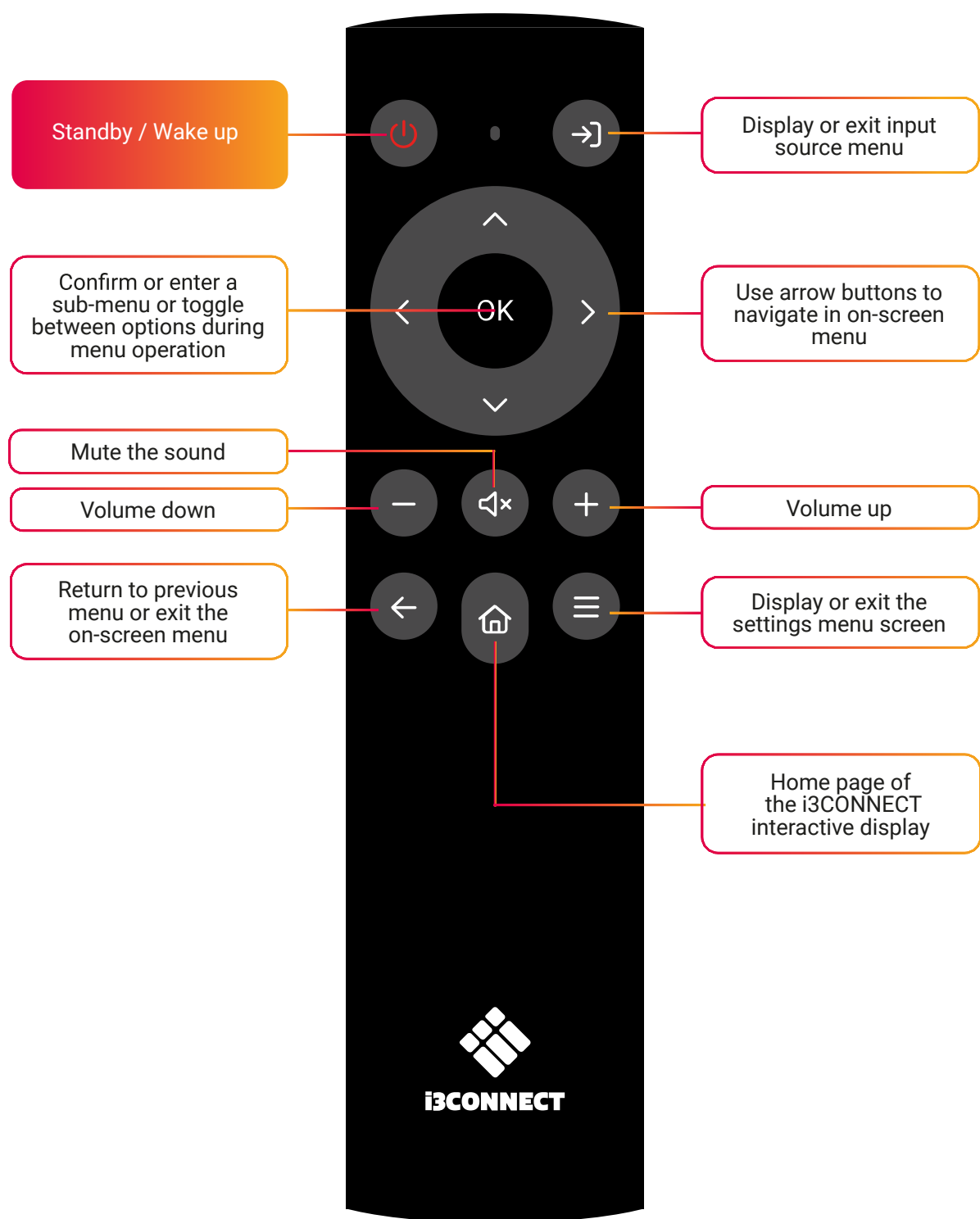
INSTALLATION STEP 11

The Remote Control

INSTALL THE BATTERIES

Slide off the cover at the rear and install the batteries, with respect to the correct orientation. Put the cover back on.

FUNCTIONS OF THE REMOTE



You have now successfully concluded step 11

INSTALLATION STEP 20

Final testing of all functions

RUN THESE TESTS TO VERIFY THAT THE UNIT IS WORKING FLAWLESSLY

- Select a uniform white image from your source and check for dead or odd-colored pixels. Replace the LED panel that shows more than 3 of these deviations.
- Connect an HDMI source to all 3 inputs at the bottom and check for image quality.
- Check audio input / output at the bottom connectors.
- Cycle through all menu settings to verify if they are responsive.
- Connect a source to the frontal USB connectors and show it on the display.

If the tests turn out fine, hand over the user manual and the related documents to the client.

You have now successfully concluded the installation of the i3CONNECT Walnut W1 138"

QUICK TROUBLESHOOTING

What to do if...

PART OF THE DISPLAY IS NOT LIT AFTER POWER ON

- Check whether the Ethernet cables inside the cabinet are in good contact.
- check whether the power cables inside the cabinet are in good contact.

See step 5-6

WIRELESS SCREEN MIRRORING NOT WORKING

- Check if the wireless screen mirroring device is securely inserted;
- Check if the wireless screen mirroring device is paired. To pair, insert the wireless screen mirroring device into the USB port of the integrated machine, wait for the prompt and confirm the succesful pairing;
- Check of the computer has the requited driver software installed. If the screen mirroring device is inserted into the computer's USB port and automatic installation doesn't occur, manually go to "My Computer", locate the driver corresponding to the screen mirroring device and double-click to install the driver.

INDICATOR LIGHT IS NOT ON

- Check whether the power supply is normal;
- Check whether the power switch of the system is turned on

If nothing else works, check out i3-connect.com to find assistance or support.

PARTS REPLACEMENT



LED panel replacement

STEP 1



Use of the LED Display Front Maintenance tool:

Switch ON the device at the underside. If the indicator led becomes GREEN, you can skip the “charging” step for now.

STEP 2



Charging the device:

- Select and insert your local power connector to the wallwart and turn it clockwise to secure it safely
- Insert the plug to the connector at the side (see arrow in step 1)
- Charge the unit for at least 2h until the light on the charger turns green

STEP 3



Preparation:

- Identify the location of the faulty LED panels
- Unpower the WALNUT
- Wear anti-static gloves

PARTS REPLACEMENT



LED panel replacement (continued)

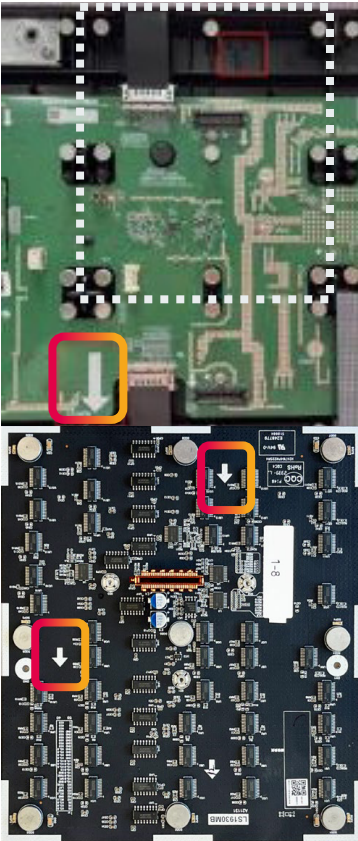
STEP 4



Remove:

- Align the tool to the center of the LED panel.
- Press the “start” button to begin the suction.
- Pull with a gentle movement, keep perpendicular to the surface and take out the LED panel.
- Hold the LED panel with the other hand and push the button on the tool. The suction stops and the LED panel will come loose.

STEP 5



Installation:

- The new LED panel is installed with the arrows pointed DOWNWARDS.
- The picture shows the location of the guide arrows on the baseboard and on the LED PANEL. (see step 8)
- LED panel as seen from the rear side.

STEP 6

Switch the WALNUT back on, and check if everything works as expected.

DECLARATIONS

Intellectual Properties, Trademarks and Logos

Intellectual Property Declaration:

The hardware design and software program of this product are protected by copyright. Reproduction of this product and the contents of the manual without our authorizaion will be subject to corresponding legal liability.

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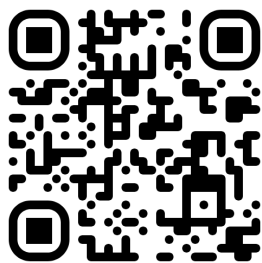
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UPDATES

check out our website i3-connect.com for the most recent product information



DECLARATIONS

Declaration of Toxic and Hazardous Substances in Electronic Information Products

PART	TOXIC AND HAZARDOUS ELEMENTS					
	Lead (PB)	Mercury (HG)	Cadmium (Cd)	Hexavalent Chromium (Cr6)	Polyprominated biphenyls (PBB)	Polybrominated biphenyl Ethers (PBDE)
LED PANEL DISPLAY	0	0	0	0	0	0
CIRCUIT BOARD ASSEMBLY	X	0	0	0	0	0
DIE-CAST CABINET	0	0	0	0	0	0
WIRES / CABLES	0	0	0	0	0	0
ACCESSORIES	0	0	0	0	0	0

This form is prepared in accordance with SJ/T 11364

0: indicated that the content of the toxic and hazardous substances in all homogeneous materials of the component is below the limit specified in GB/T 26572.

X: indicates that the content of the toxic and hazardous substances in at least one homogeneous material of the component exceeds the limit specified in GB/T 26572.

Note:

- 1. Circuit board assembly: including printed circuit board and its parts, electronic parts and components, solder joints, etc..
- 2. Depending on the product model, the product you purchased may not contain all of the above parts.
- 3. The Environment Friendly Use Period (EFUP) of the product is 10 years, and some detachable parts have different EFUP, which are seperately pasted on the corresponding parts
- 4. The EFUP of the product/component only applied to the use of the product under the conditions specified in the product description.

INSTALLATION STEP 3

Install the base modules to the hanging bars

PRE-ASSEMBLED MODULE UNITS.

Link both sections to each other with power and signal.

To find the correct cable and its inserting position:
refer to the other modules that already have these
cables pre-installed.

