Versi Outdoor Wall mounted Digital Signage Poster

Installation Manual



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Package Contents

Contents

Pre-assembled :

Based on display size or specific arrangements, some models come pre-assembled ready for mounting.

Pre-assembled Versi Outdoor Enclosure



4x M10x100 Expansion bolts with washers and nuts



2x Lifting eye bolt intended for use as a lifting point during installation



Contents

When Assembling is Required

Versi Outdoor Enclosure



Various Sizes and Lengths of Socket Cap Head Screws



Plastic sleeve spacers



Struts mounting brackets

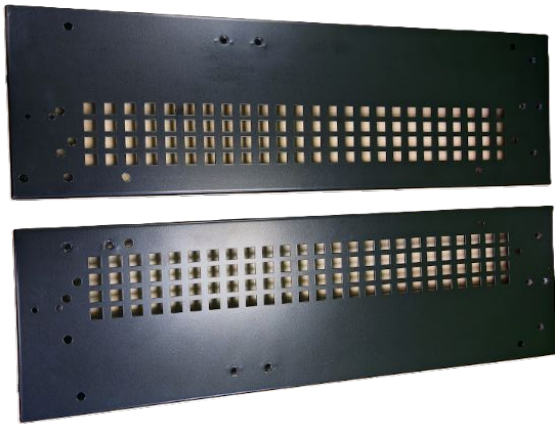


Contents

Support wheel in bracket



Display Mounting plates



A pair of struts



Enclosure Keys



Tools Required

Tools Required

Below are the tools that may be required during your installation.

Power drill with drill bits



Screw Drivers



Spirit level



Allen keys



Socket set



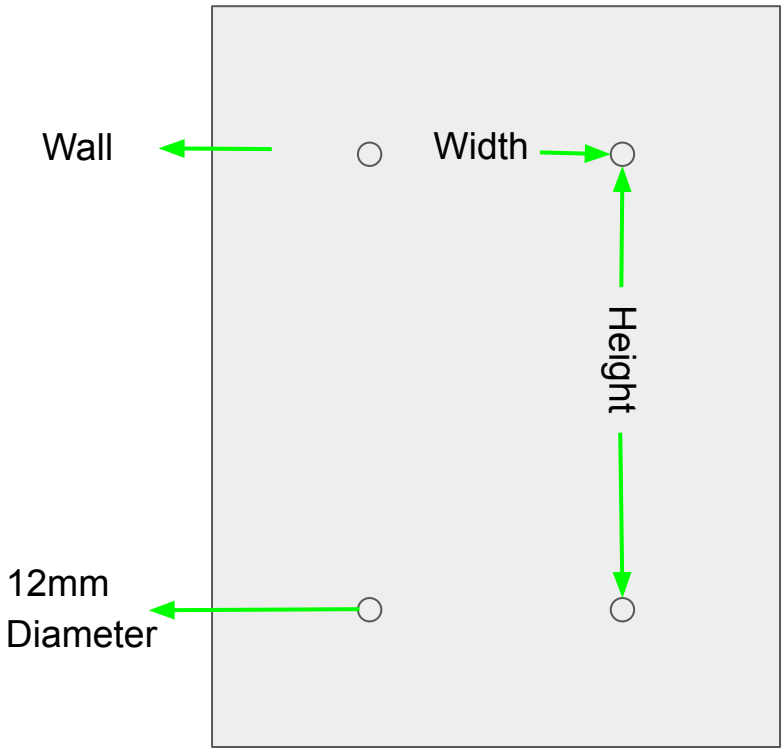
Installation

Instructions

Pre-attached Display

If your display arrived pre-attached to the enclosure, please follow the instructions provided directly below. However, if your display and enclosure were shipped as separate components, you must first follow these same instructions to safely mount the display. Once the unit is fully assembled, please proceed to page 17 to complete the remainder of the setup process.To begin, prepare the wall for the enclosure. We recommend a concrete wall that is thicker than the 100mm expansion screws to ensure it can support the full weight of the enclosure.

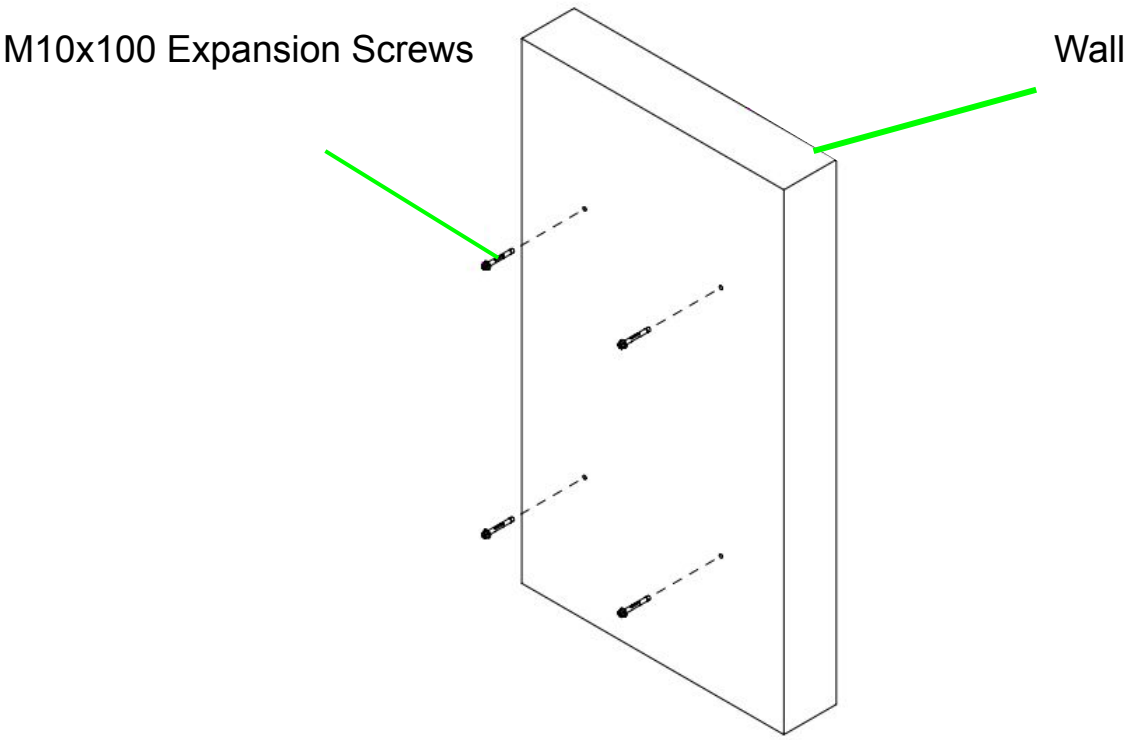
After confirming the wall's suitability, drill four holes, each 12mm in diameter. Use the table below for the correct hole locations and a spirit level to ensure they are level.

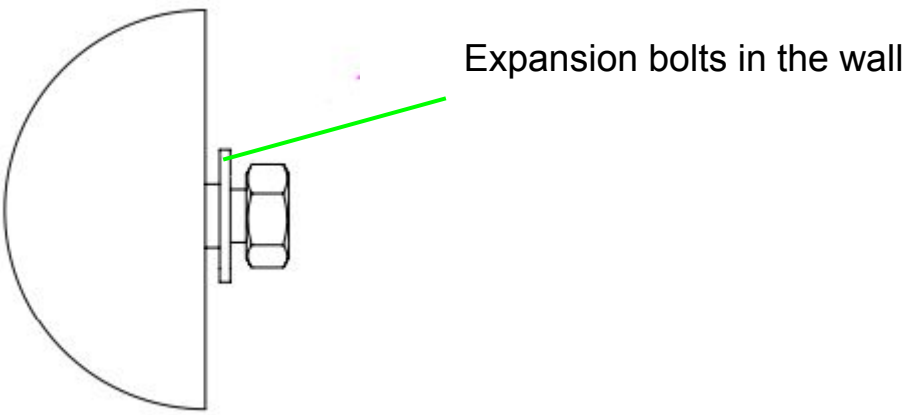


Size	Width (mm)	Height (mm)	Hole Diameter
32”	240	400	12mm
55”	520	887	12mm
65”	520	1098	12mm
75”	700	1227	12mm

Instructions

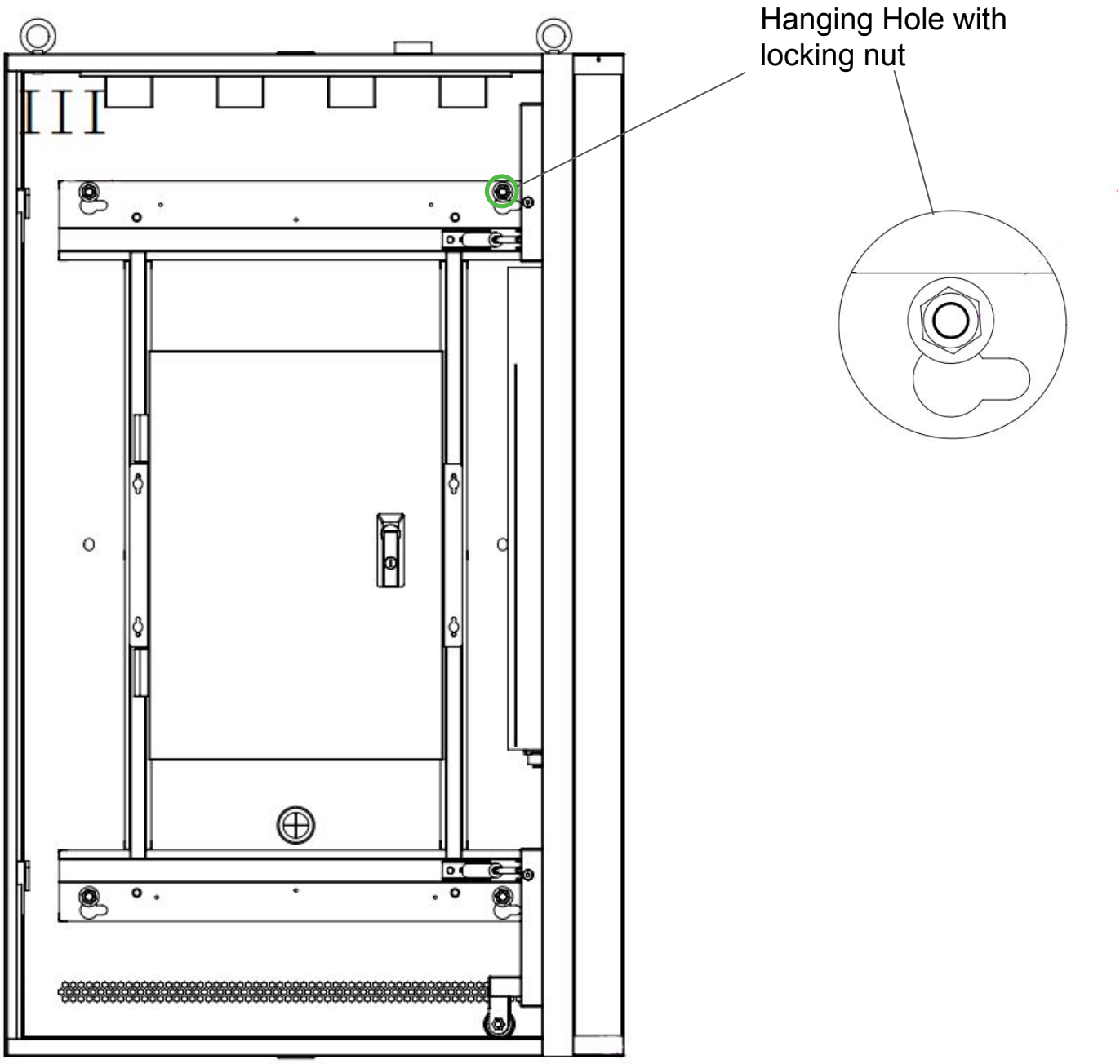
With the holes drilled, securely insert expansion screws into the holes as shown below. Now use the socket set to fasten the screws.





Instructions

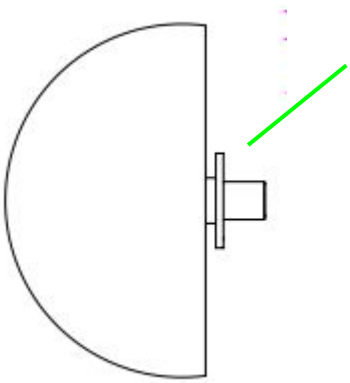
While the enclosure is on the wall, use the handles on the left to carefully swing the display out. Re-attach the locking nuts in the hanging holes and tighten them using the socket set to secure the enclosure to the wall.



Instructions

First, remove the locking nuts from the expansion screws that are already mounted on the wall.

Caution: This next step requires at least two people as the enclosure is heavy. If the display is above 55”, lifting equipment may be needed. Carefully lift the enclosure and align its hanging holes with the screws to hang it in place. If using lifting equipment, please use the O-Rings at the top



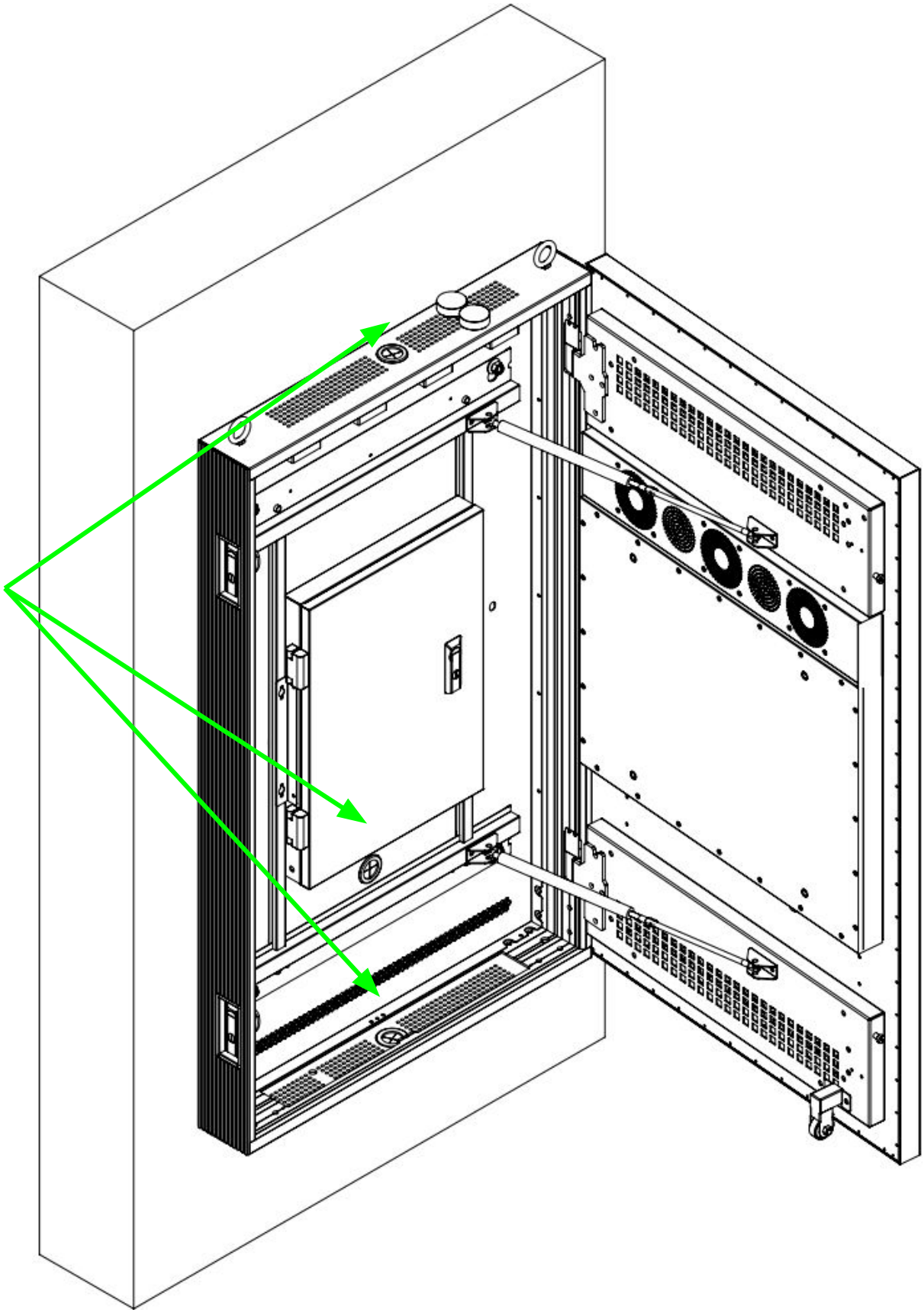
Expansion bolts without locking nut



Back of enclosure’s hanging holes

Instructions

Finally before closing up enclosure, ensure that power has been brought through the included holes as indicated below



Power Cable Passthrough

Instructions

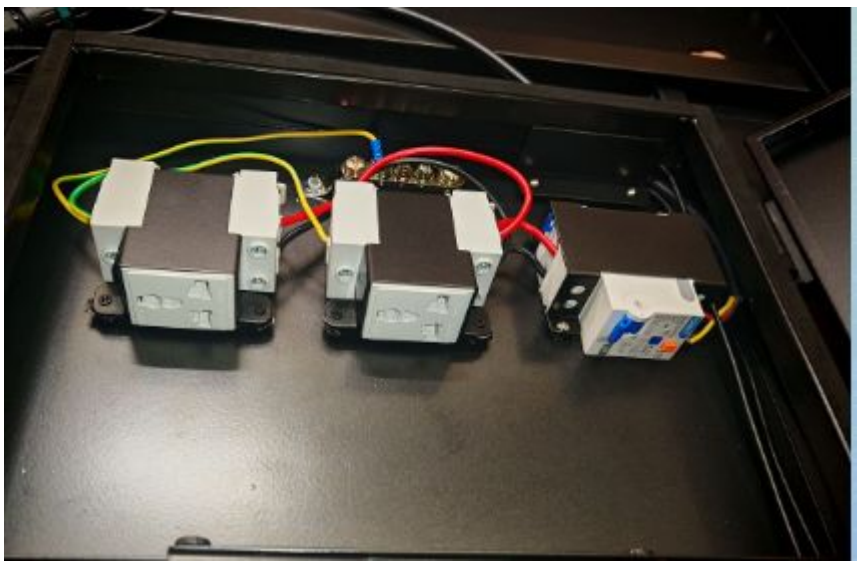
Connecting the Power



For safety, ensure the main power source is switched off before beginning.

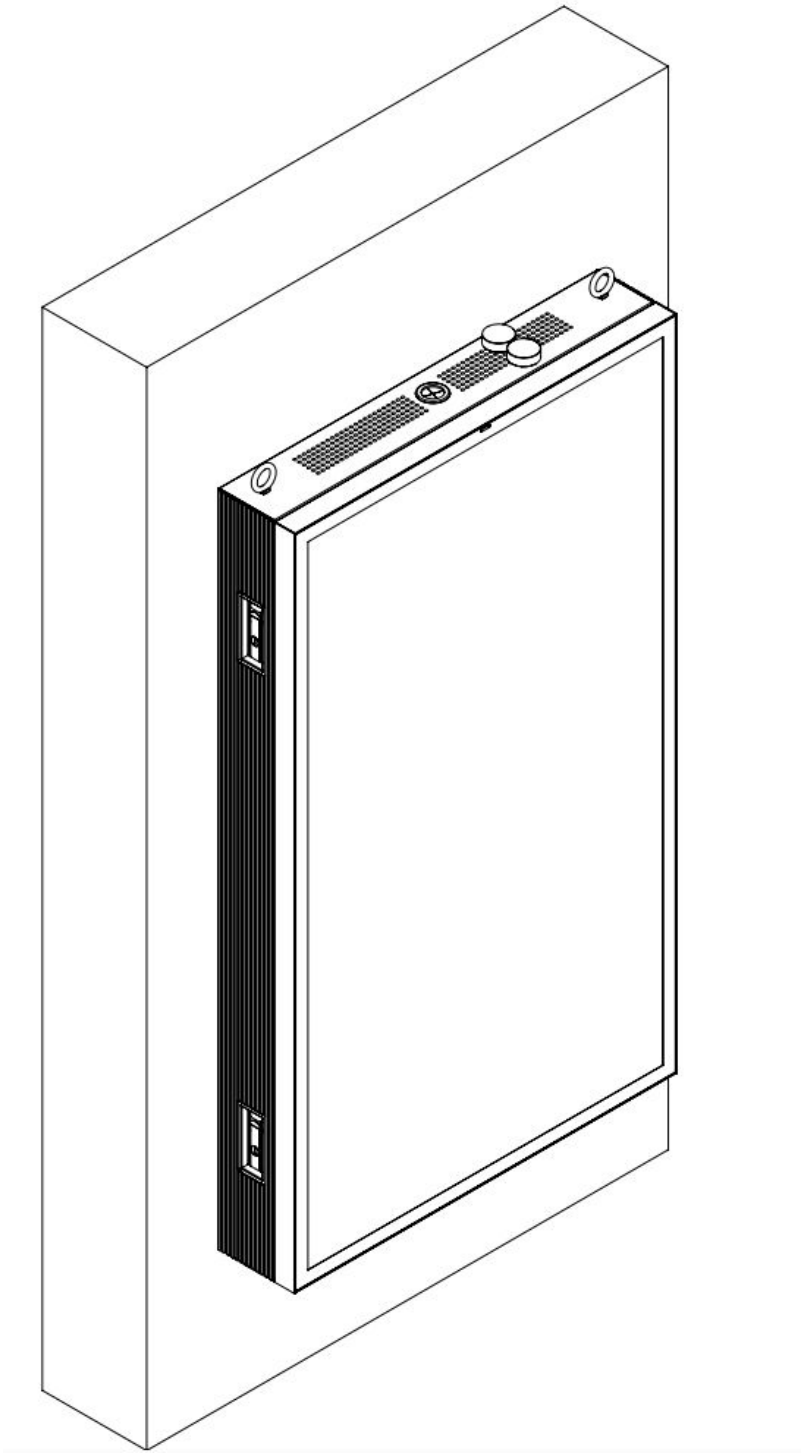
Once the power cable is routed to the power distribution panel inside the cabinet, connect it directly to the circuit breaker and the enclosure's designated earth terminal.

Important Note: This electrical connection must be performed by a certified electrician. The electrician must ensure the power cable is appropriately rated for outdoor use, complies with all local building codes, and is adequately sized to support the total electrical load. While the total load varies depending on connected auxiliary devices, please note that the maximum power consumption for the display is 240W.



Instructions

Now with the cables connected and the enclosure closed, power on the display and test as needed



The enclosure includes removable lifting eyes on its top sides, which allow for safe lifting with a crane or hoist as needed.

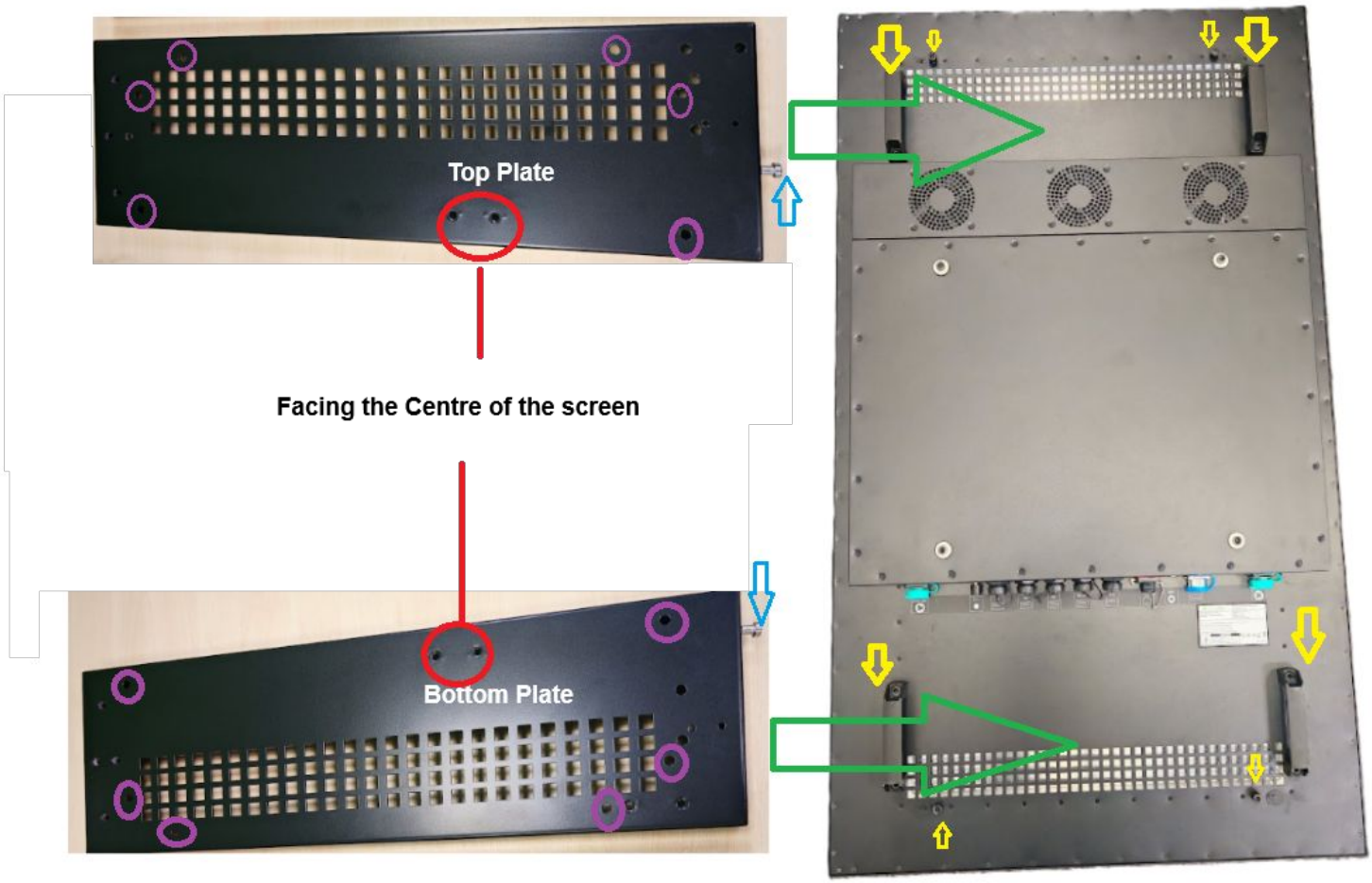
Instructions

If your display came separately, there are two ways to complete this installation depending on your setup. You can either mount the empty enclosure to the wall first and install the display on it (lighter to lift), or assemble the display and enclosure together before mounting the combined unit (heavier to lift).

To begin, first mount the empty enclosure on the wall in the same manner as the pre-assembled unit described previously. Once the enclosure is mounted, lay the display flat on a soft surface with the back facing up.

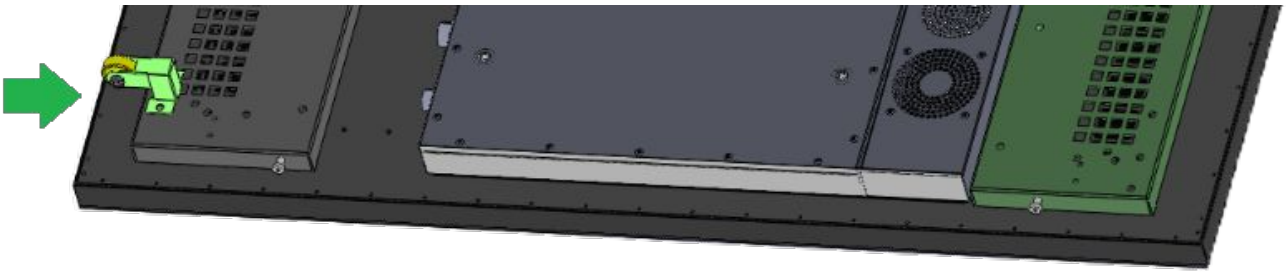
Remove the four handles and the four screws marked with yellow arrows below.

Next, place the top mounting plate onto the display where the handles were removed, ensuring the screw holes marked with purple circles perfectly align with those on the back of the display. Please note that the screw holes for the strut mounting bracket (marked with red circle) must face the center of the display. Install the M8x40 screws into the holes marked with purple circles, making sure the stainless steel pin (marked with a blue arrow) faces to your right. Finally, perform these exact same steps to install the bottom display mounting plate.



Instructions

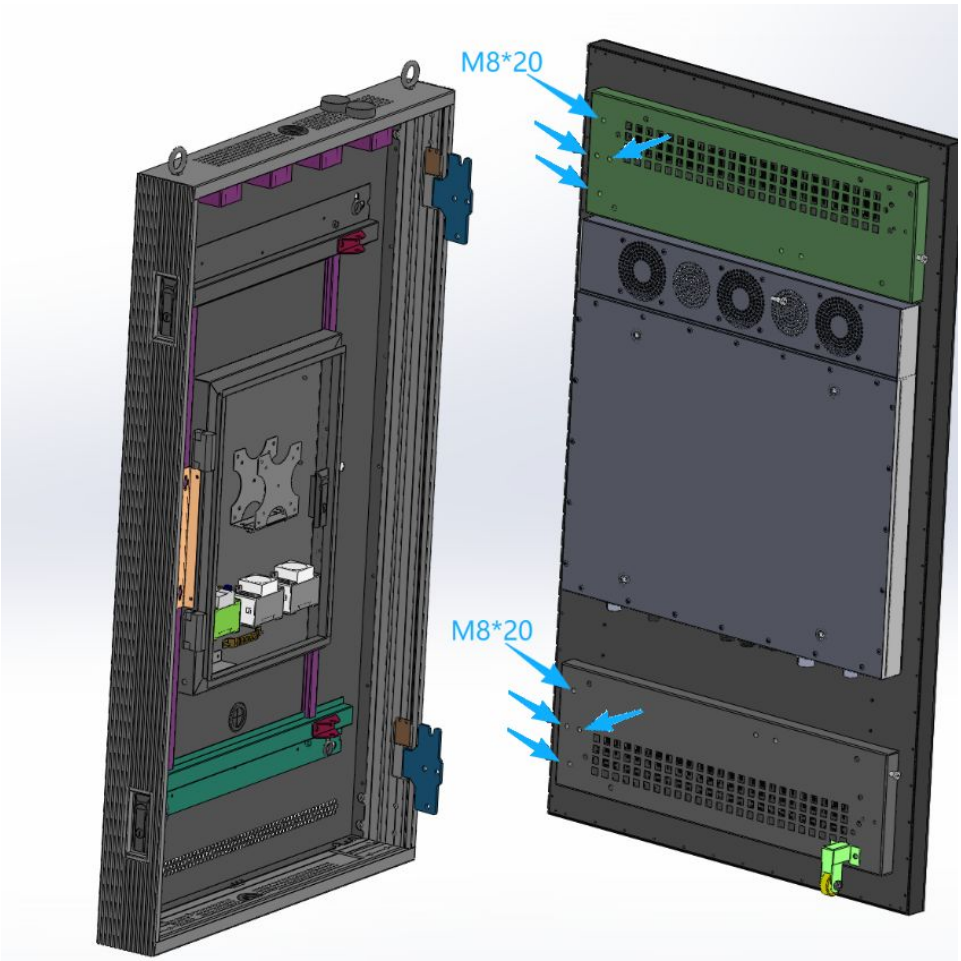
Now using M8*20 screws to install the supporting wheel to the bottom right corner of the display as show in the image below.



Mount the display to the enclosure hinges with a two-person lift. Securely attach using M8x20 screws.

Two quick methods:

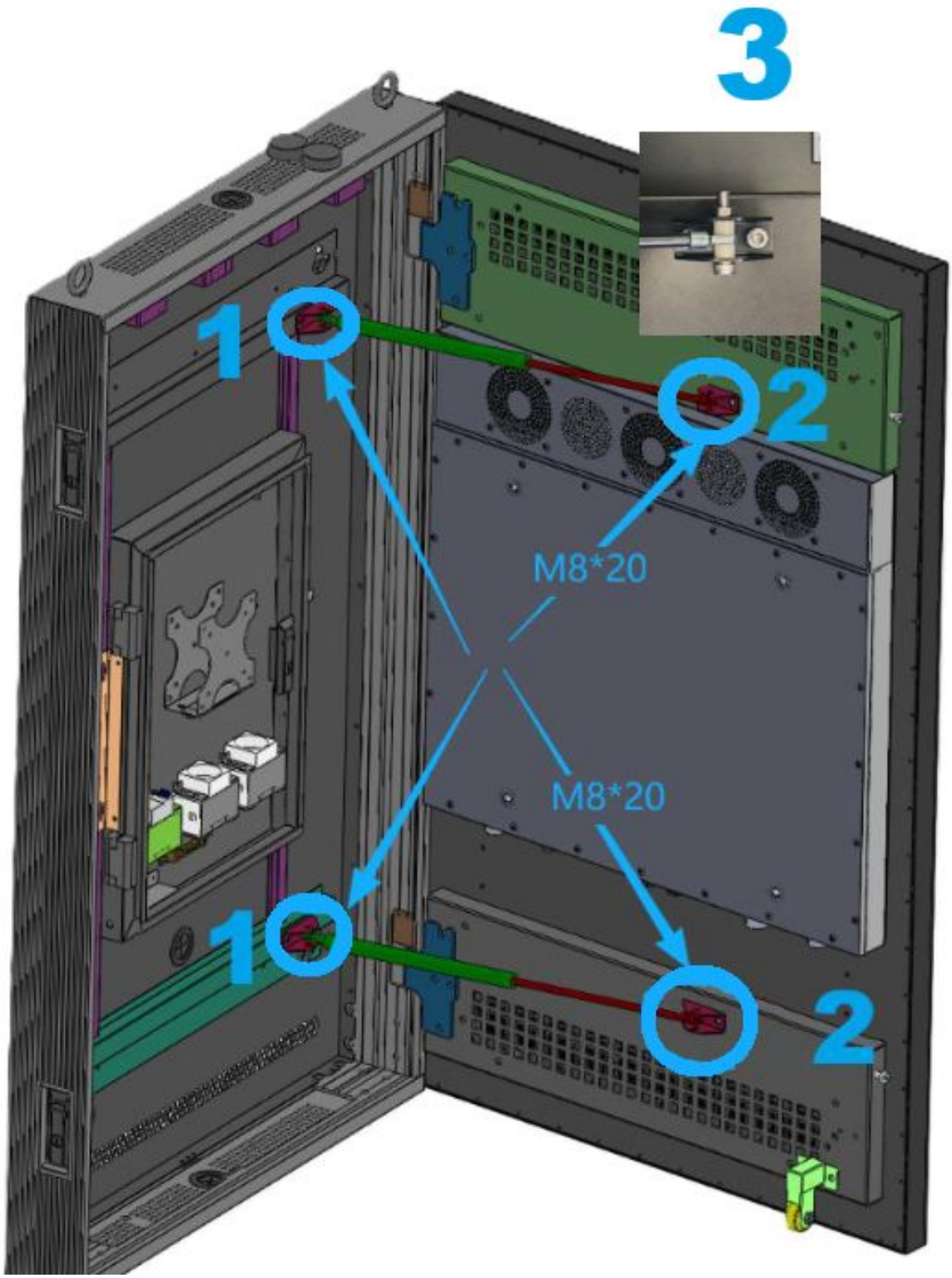
Method A (direct): one person holds the display while the other screws the display to the hinges on the enclosure.
Method B (hinges off): remove hinges from the enclosure, attach them to the display, then reattach the hinges to the enclosure.
Always tighten fully and follow the reference image for orientation.



Instructions

Now you need to attach the struts:

1. Begin by screwing the bases of the struts to the Struts mounting brackets on the enclosure .
2. Use four M8*20 to attach the two Struts mounting brackets to the display.
3. Attach the other end of the struts to the brackets on the displays using the

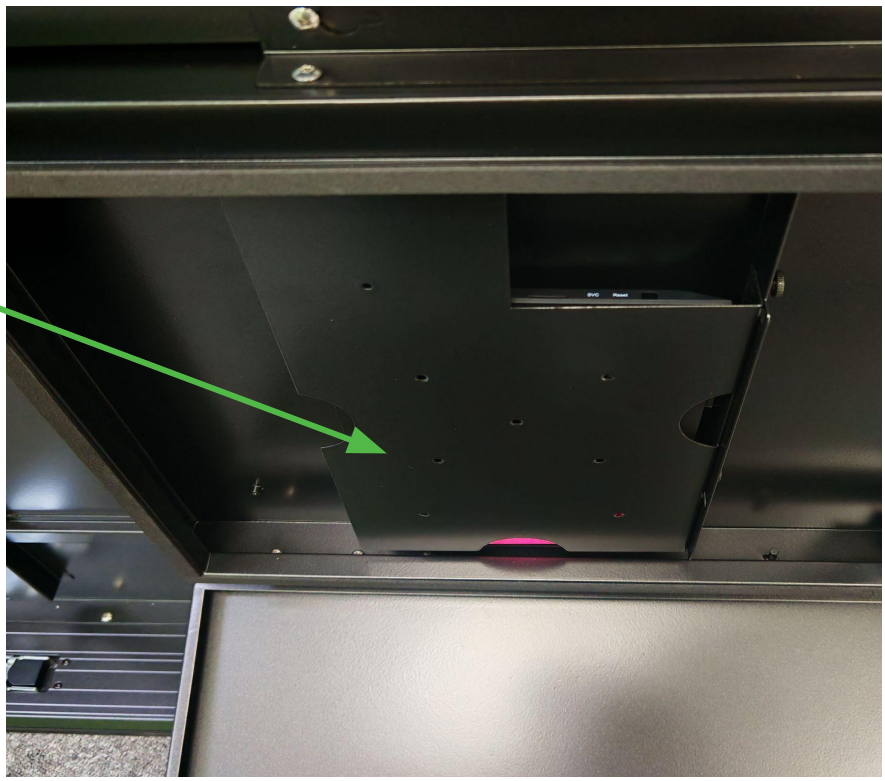


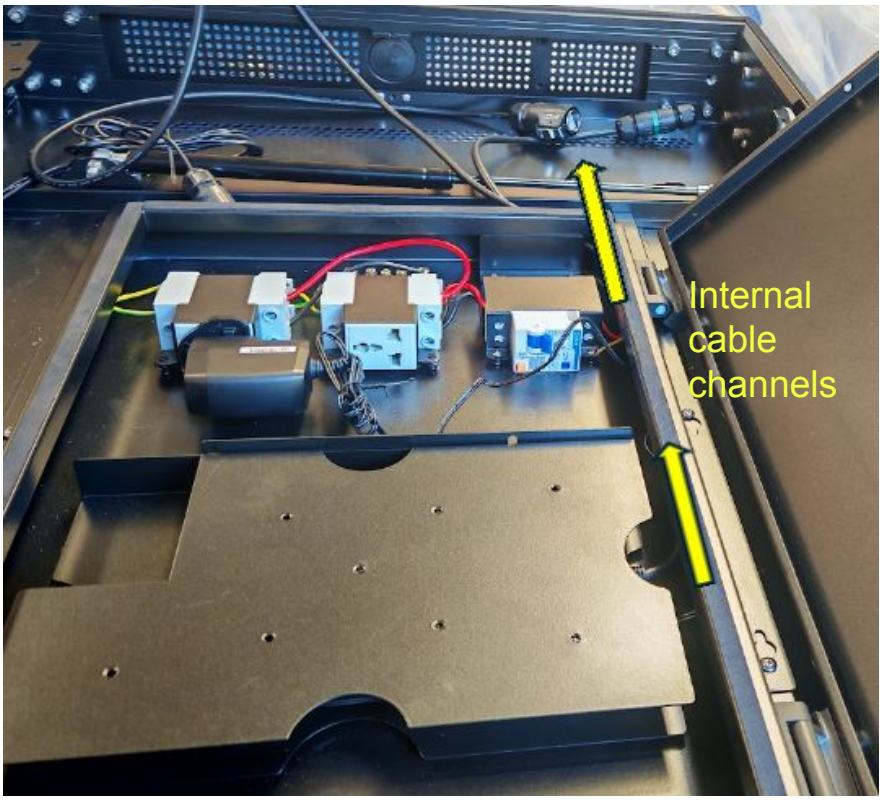
Optional Player

Instructions

Inside the sealed internal cabinet, where the main power connects, there is a designated area to optionally mount a mini PC/ media player. This section features an adjustable clamp to hold the device securely in place, as well as internal channels to neatly route all your cables.

Mini Pc Clamp





Display Conditioning

Display Conditioning

To ensure optimal performance, the display must be powered on within one hour of unboxing and kept on for a few days. This essential conditioning process allows the unit to acclimatize to ambient temperature and humidity. Consequently, it minimizes the risk of temporary microscopic condensation forming due to environmental shifts during transit and the initial one to four weeks of installation.

If you notice microscopic condensation, please rest assured that this is a normal and temporary condition caused by sudden temperature changes. Simply continue running the display at 100% brightness. This helps stabilize the internal temperature and promotes the natural evaporation of any trapped microscopic moisture.

Depending on your installation environment, local climate, and humidity, full evaporation may take one to four weeks. The display will continue to function normally during this period as it adapts to its new environment. Please note that temporary condensation is not a product defect and does not impact the reliability or performance of your display.

Weather Protection and Ventilation Overview

Weather Protection and Ventilation Overview

The display within the wall enclosure features an IP66 weather-resistance rating, signifying that it is completely dust-tight and protected against powerful water jets from any direction. It is specifically engineered to operate flawlessly in demanding, wet, and dusty environments.



To further protect the hardware, the internal architecture of the wall enclosure is designed to safely channel any water that enters away from sensitive electronics and allows the moisture to drain harmlessly out of the enclosure.

Furthermore, the unit utilizes an engineered ventilation system that maximizes natural airflow to keep the internal components cool. This efficient thermal management extends the lifespan of the display equipment without compromising the product overall weather resistance.

Operation and Maintenance

Operation and Maintenance Cases

Installation & Foundation Cases

- **The mounting specifications provided** in our documentation serve as a baseline guide for your installation team. Because wall materials, framing, and load-bearing capacities vary across facilities, we recommend having a qualified contractor perform a site-specific evaluation. It is the client's and installer's responsibility to ensure the target wall can safely support the unit's weight and structural load.
- **Wind Loading & Structural Anchoring (Sail Effect):** Large outdoor kiosks (especially 55" to 75" models) act as substantial wind sails. We explicitly disclaim liability for structural collapse, tipping, or property damage resulting from unapproved foundation pads or mounting hardware.
- **Heavy Lifting & Chassis Torsion:** Lifting a heavy 75" outdoor enclosure using display mounting points or uneven hoisting gear can twist the frame. Frame torsion breaks weather seals and puts mechanical stress on the LCD panel, causing glass cracking or light bleed. Mandatory use of designated lifting eye-bolts and spreader bars. We explicitly state that display glass cracking, seal misalignment, or structural distortion caused by improper crane/hoist rigging voids the warranty..

Operation and Maintenance Cases

Maintenance Cases

- **Dust check:** Outdoor air intake grilles draw in dust, pollen, leaves, and trash. Clogged filters cause internal ambient temperatures to spike rapidly, leading to emergency thermal shut offs of the display and media player. Every 6 months please inspect the inside of the kiosk especially around the fans and clear any dust or rubbish.
- **Cleaning of the Glass:** Only use non-abrasive microfiber cloths and mild soap/water or diluted isopropyl alcohol. This is to prevent ant damage to the coating on the glass if any cleaning needs to be done.
- **Gas Struts & Heavy Door Safety in High Wind:** Before opening the kiosk, particularly larger 55"–75" models, verify that high wind warnings are not in effect. Strong wind gusts can force open doors to over-extend or slam shut, damaging the hinges, gas struts, and enclosure frame while posing a risk of personal injury. After completing service, ensure the door is fully closed and all latches are securely engaged to maintain full water and dust protection. Environmental damage resulting from unlatched doors or operation in severe winds is not covered under warranty.
- **Operating & Storage Temperature Limits:** Ensure the kiosk is operated and stored strictly within rated ambient temperature thresholds:

  Operating Range: -20°C to 50°C (-4°F to 122°F)

  Storage Range: -20°C to 60°C (-4°F to 140°F)

  Exceeding these limits risks permanent LCD panel damage, premature component degradation, and emergency thermal failure. Any hardware defects, liquid-crystal failure, or system damage resulting from operation or storage outside these specified thermal windows voids the manufacturer’s warranty

Troubleshooting

Troubleshooting

Issue	Solution
Wi-Fi dropping in and out	1. Check antenna is securely connected 2. Check Wi-Fi signal strength- if the wireless signal is too weak look at hardwiring the device 3. Forget the wireless network and reconnect 4. Ensure the Wi-Fi network supports 2.4Ghz
Display doesn't boot or hangs on LamasaTech Logo	1. Android OS issue, generally a firmware upgrade required please contact the LamasaTech Customer Success Team.
No Display/black screen	1. Check if you have a backlight as this may be a content issue 2. Plug a mouse into the usb port on the top of the display and exit the application to see if you can get to the OS. 3. If you now get a display then this is down to content if you still have no display then please contact the LamasaTech Customer Success Team.
Dark/dull display	1. Plug a mouse into the screen and exit application 2. Check screen brightness settings and alter accordingly.
Display intermittently turning off	1. Please check all ventilation ducts to ensure none have been blocked reducing air flow.

Issue	Solution
Screen is flashing on and off	1. Please contact the LamasaTech Customer Success Team.
Content not loading from CMS application	1. Check time zone in display settings as this can prevent signage applications running correctly
Display doesn’t boot or hangs on LamasaTech logo	1. Android OS issue, generally a firmware upgrade required please contact the LamasaTech Customer Success Team.
Condensation Troubleshooting	1. If condensation persists, leave the display powered on continuously at 100% brightness for at least 7 days. This will help any remaining microscopic moisture evaporate. If condensation continues for more than one month, please contact the Lamasatech Technical Support team for further assistance.

Contact technical support

cs@lamasatech.com

UK: +44 (0) 191 622 0725

US: +1 (805) 308-9623

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116	1.1	M Awali	29/07/2026	ISO 9001