LamasaTech

Versi Outdoor Floor Freestanding Digital Poster Kiosk

Installation Manual



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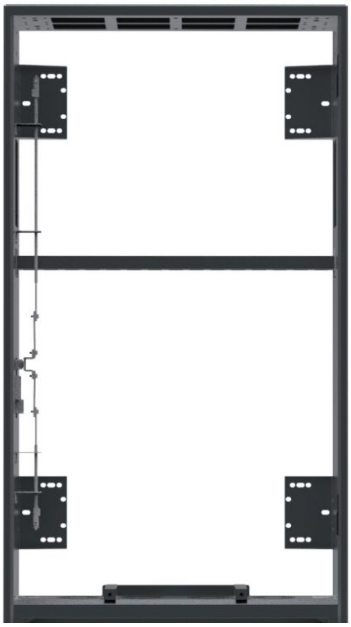
Package Contents

Contents

Bottom base



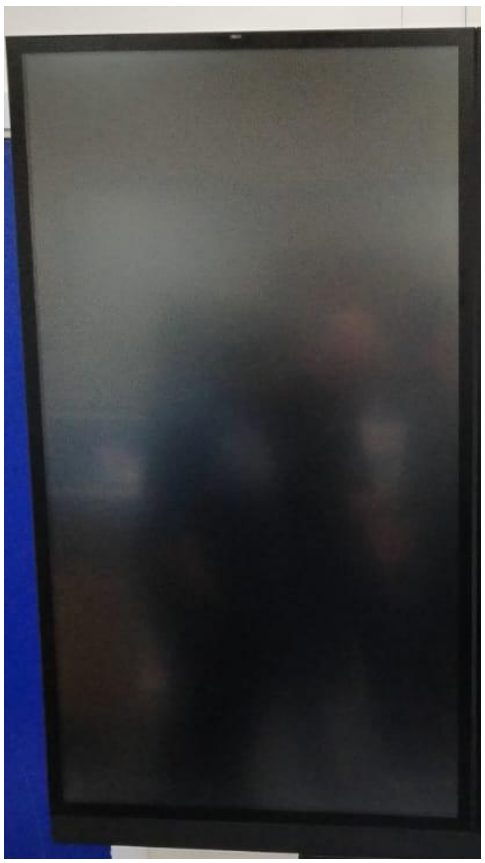
Frame for display



Top Cover



Versi Outdoor Display/s



Back Cover



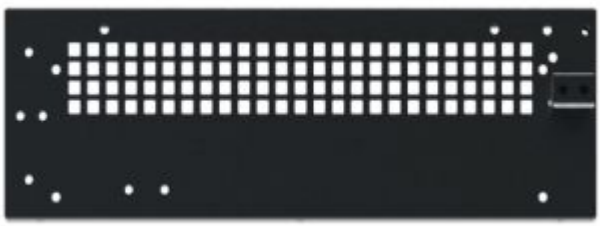
Wheel



2 Hinges



2 Fixed plates



Contents

Expansion screws



M4x10 Screws

M8x10 Screws

M8x20 Screws

M8x40 Screws



Tools Required

Tools Required

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

Hammer drill or screwdriver kit with adjustable torque/speed



Drill bits



Socket set



Security Torx Allen Key (Provided)



Allen Head Set or Allen Keys Set



Assorted screwdrivers



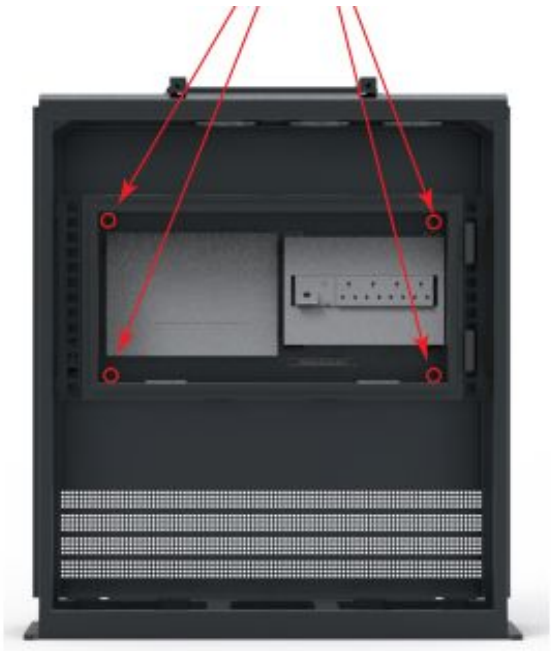
Instructions

Instructions

Before securing the base to the ground, the power box must first be removed from the unit.

Open the front access door of the base, then remove the power box cover. Next, undo the four fixing screws located at each corner of the power box. Once these screws have been removed, carefully lift the power box out of the unit.





With the power box removed, undo the fixing screws securing the power box brackets, then carefully remove the brackets from the base.



Instructions

Ensure the concrete foundation has been prepared and that all required power and data cables are in place before securing the base. Verify that the power supply is isolated and switched off before proceeding.

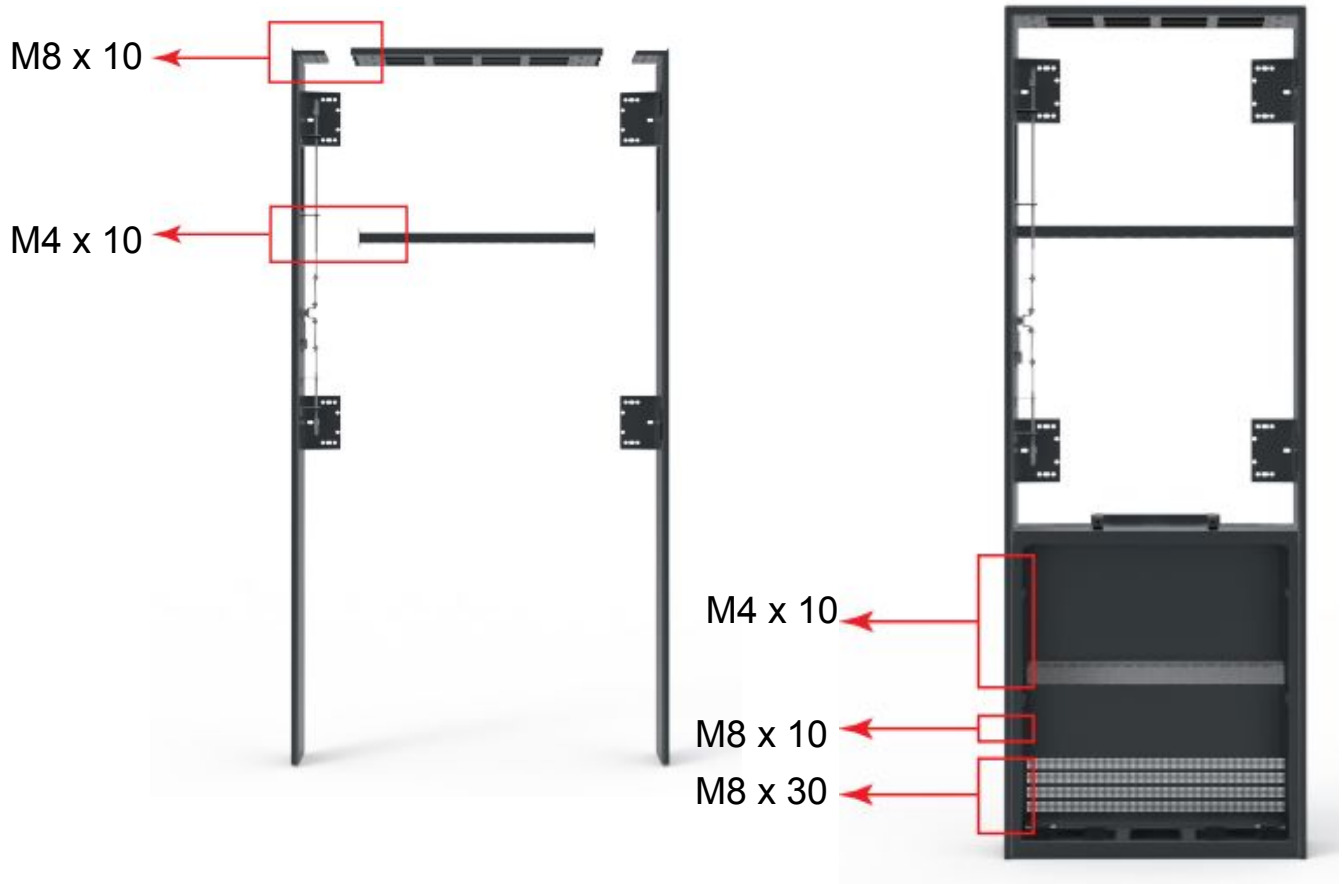
With the power box removed, feed the power and data cables through the cable entry point in the bottom of the base.

Position the base in the required location and secure it to the concrete foundation using eight expansion anchor bolts, as shown in Figure 55.

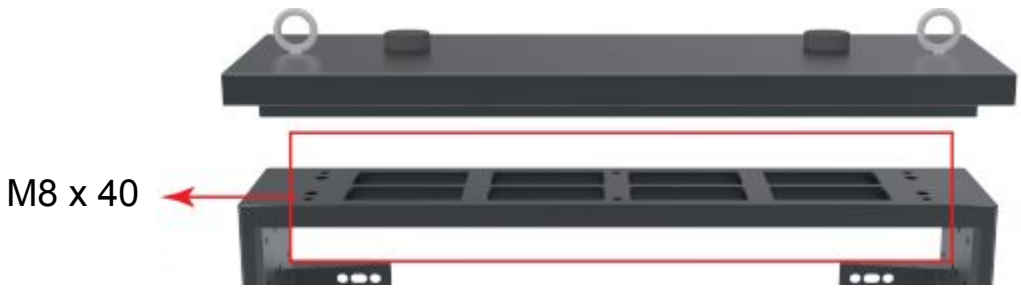


Instructions

Now that the base is prepared we must then install the frame. Using the M8x10 and M4x10 screws, connect the frame parts together as indicated below.
Once the frame is connected, attach to the base using M8 x 10, M8 x 20 and M4 x 10 as shown below.



Once the frame is built, reinstall the power box the same way it was removed including the brackets but not the front door for the power box. Finally to complete the frame, install the top cover using M8x40 screws as shown there

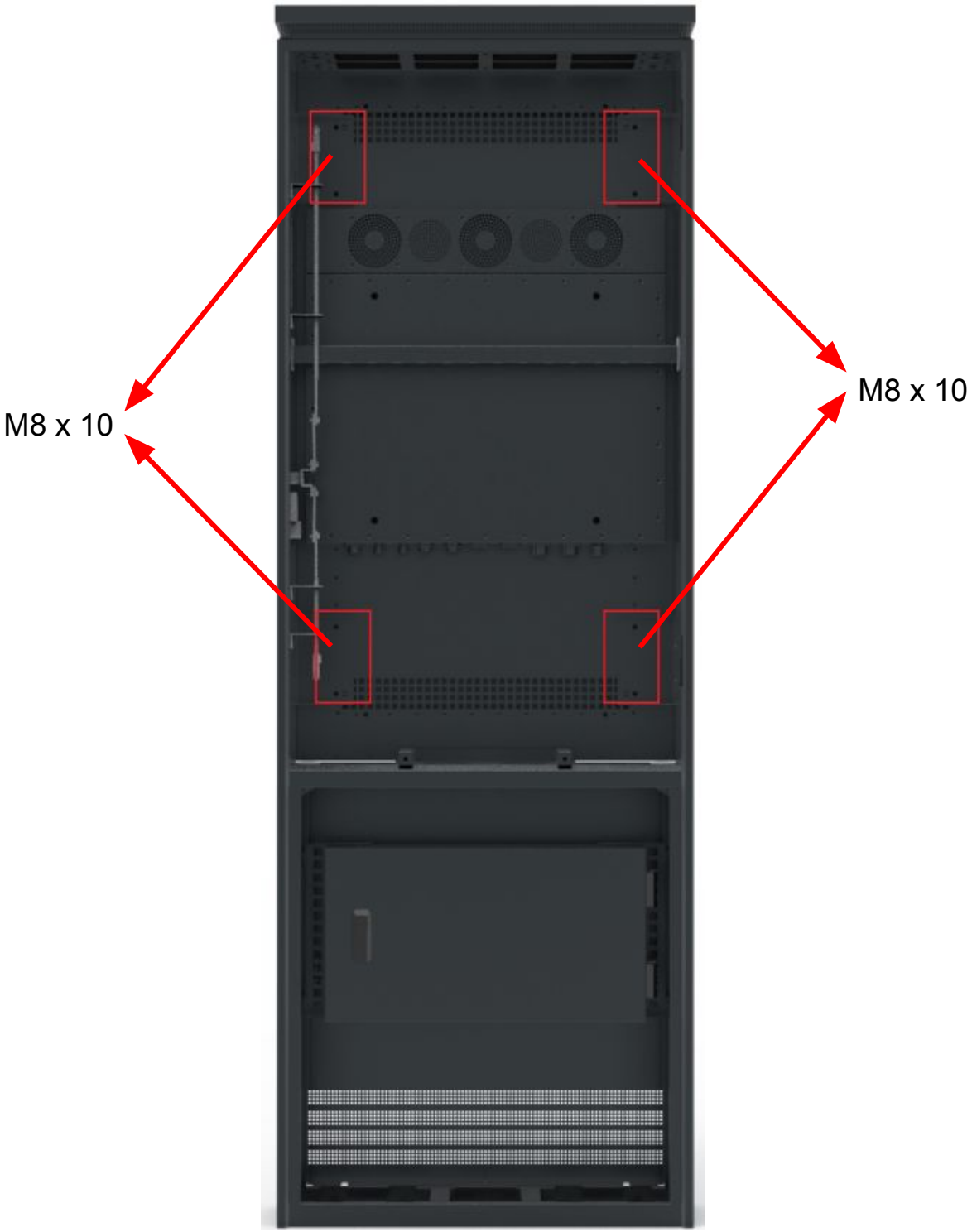


Instructions

Now that the kiosk is prepared, install the back cover to the what would be deemed the back of the kiosk.

If the kiosk is double sided, instead of a back cover, use a 55 outdoor display.

You will need to use M8 x 10 screws



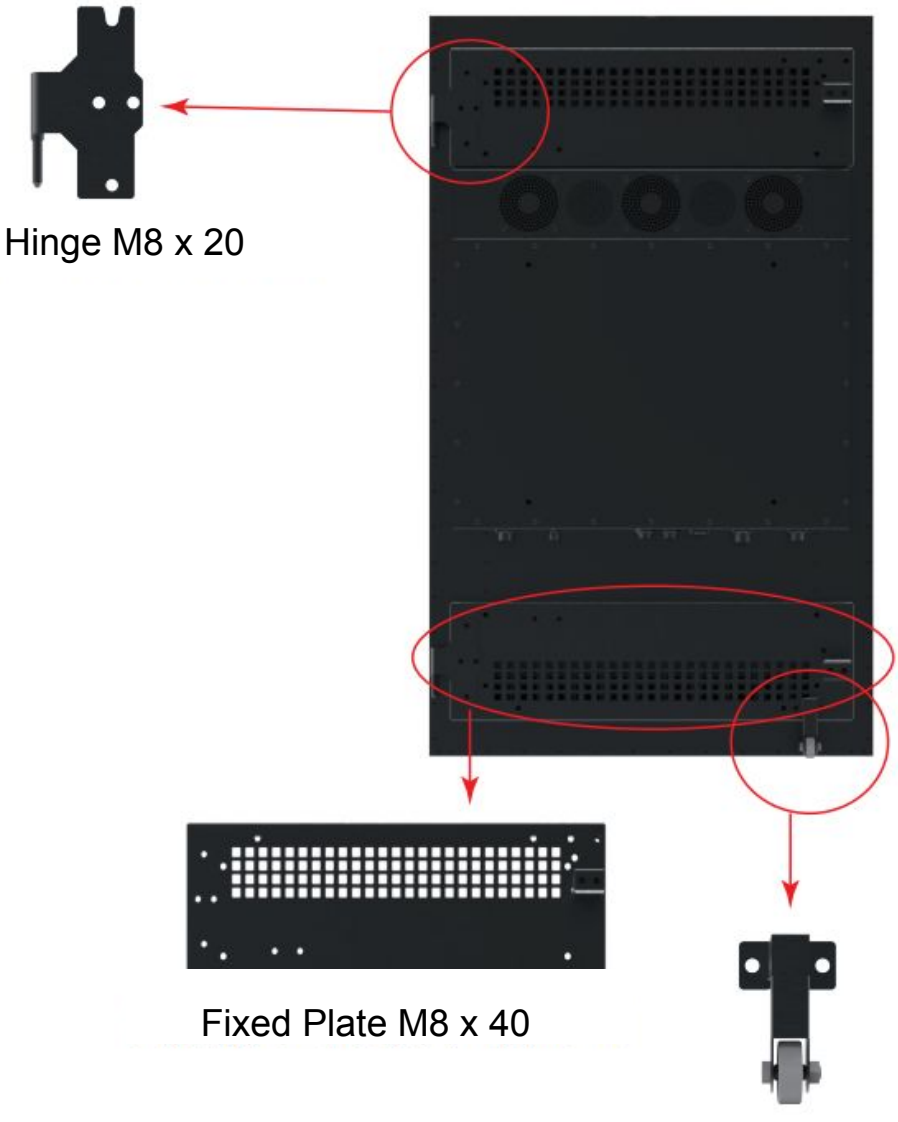
Instructions

Now onto the screen which will be deemed the front of the kiosk. On the screen itself. There will be 3 components to install on the screen before being able to put it in the kiosk.

First will be the fixed plate. There will be 2, one for the upper side and lower side. You will need to use M8 x 40 screws.

Following this you will need to install the hinges onto the fixed plates. There will be 2, one for the upper side and one for the lower side. Be sure to install them on the left side of the screen. You will need M8 x 20 screws.

Finally, you will have 1 wheel to attach to the bottom plate on the right. These will require M8 x 20 screws as well.



Hinge M8 x 20

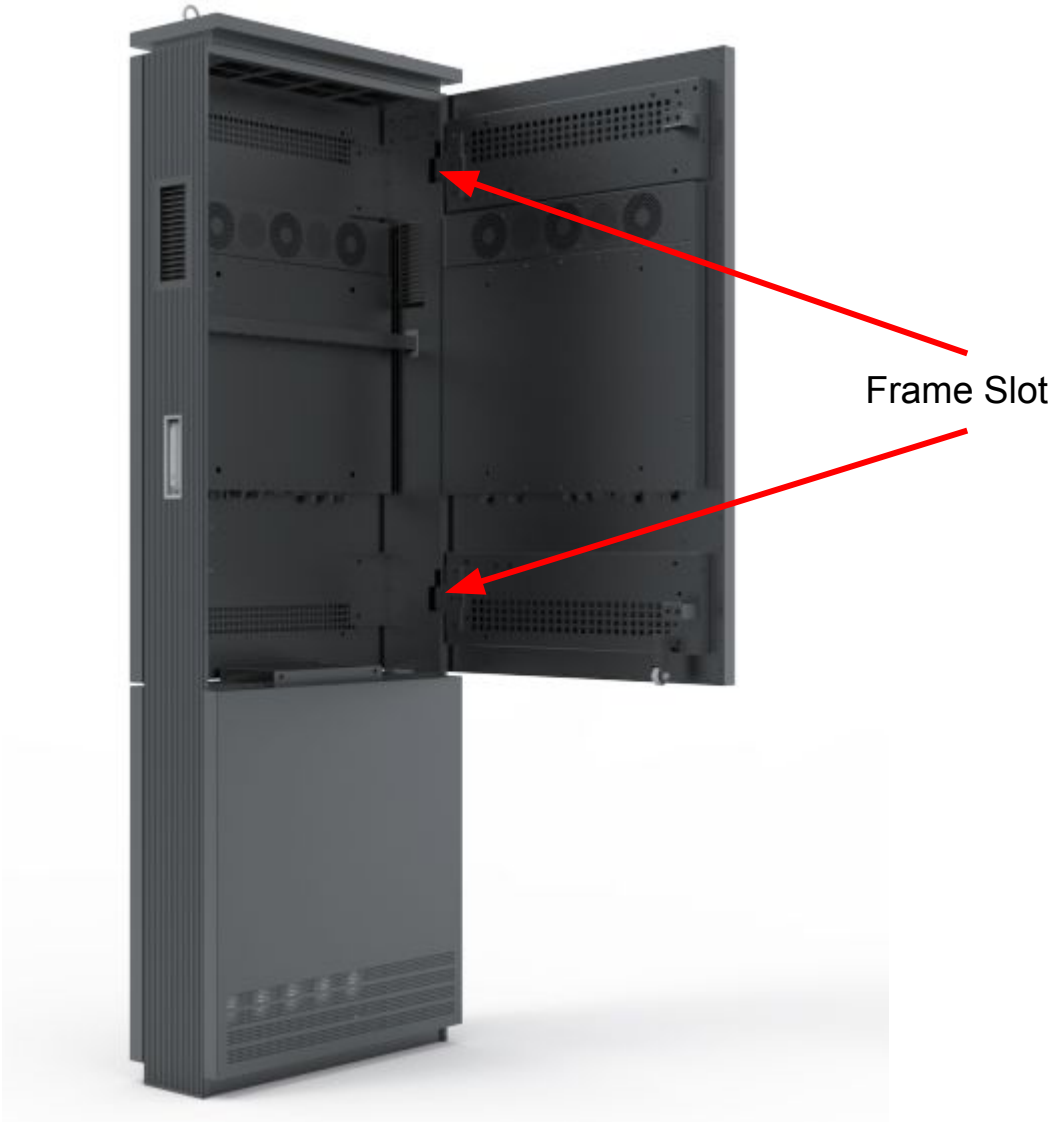
Fixed Plate M8 x 40

Wheel M8 x 20

Instructions

Now you will be installing the display into the kiosk.

To do so, lift the screen and line them up with the slots on the right of the kiosk on the frame. Once lined up, insert the hinge into that slot.



Finally attach required cabling including power to the screen and power box. Once done, reinstall the front base door and swing the screen shut using the hinges. Provide power to the screen/s and ensure that everything powers on correctly.

Weather Protection and Ventilation Overview

Weather Protection and Ventilation Overview

The displays within the kiosk feature an IP66 weather-resistance rating, signifying that they are completely dust-tight and protected against powerful water jets from any direction. They are specifically engineered to operate flawlessly in demanding, wet, and dusty environments.



To further protect the hardware, the internal architecture of the kiosk enclosure is designed to safely channel any water that enters the kiosk 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 kiosk overall weather resistance.

Concrete Base Specifications and Cabling Requirements

Concrete Base Specifications and Data/ Power cabling requirement for 55” Kiosk

The kiosk can be anchored to a pre-installed dedicated steel-reinforced concrete base that was cast in-situ, incorporating electrical and data conduit rough-in prior to concrete pour. The concrete base specifications are detailed in the section below.

Electrical & data rough-in note: contractor shall install conduit for electrical and ethernet cabling prior to pouring concrete. The conduit stub-up location shall centered within the concrete base as per the kiosk metal base specification referenced below.

Power Requirements: Input voltage AC 110v ~ 240 V 50/60 Hz

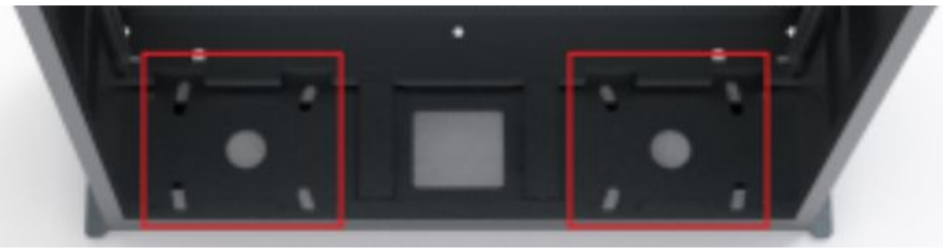
Power consumption: ≤ 220W **Per display**

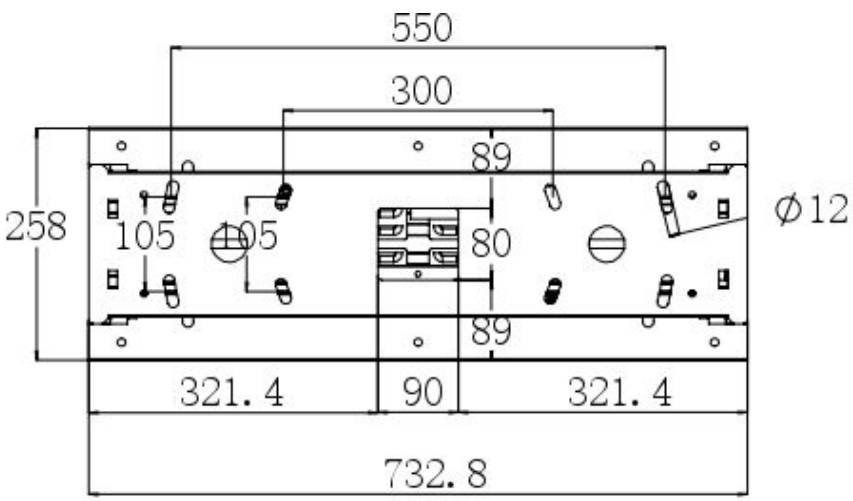
Data/Cabling Requirements: Ethernet cable - Minimum CAT6, RJ45 terminated

The kiosk is fitted with an IP68-rated, 3-core M20 waterproof cable connector. One end is factory-wired to the kiosk’s circuit breaker, and the other end is left unconnected to accept termination of the incoming 3-core mains supply cable (L, N, Earth)

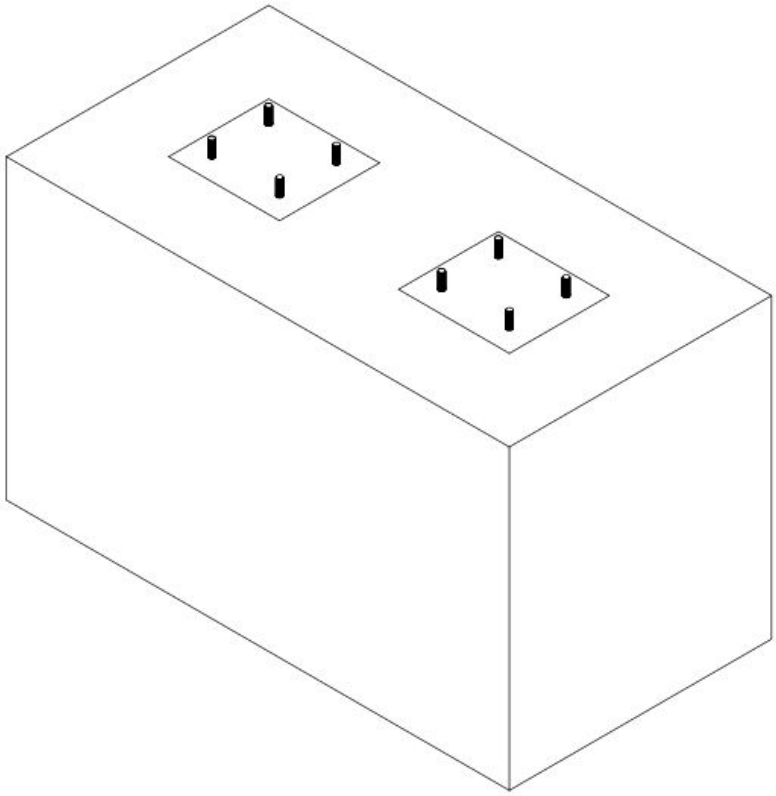


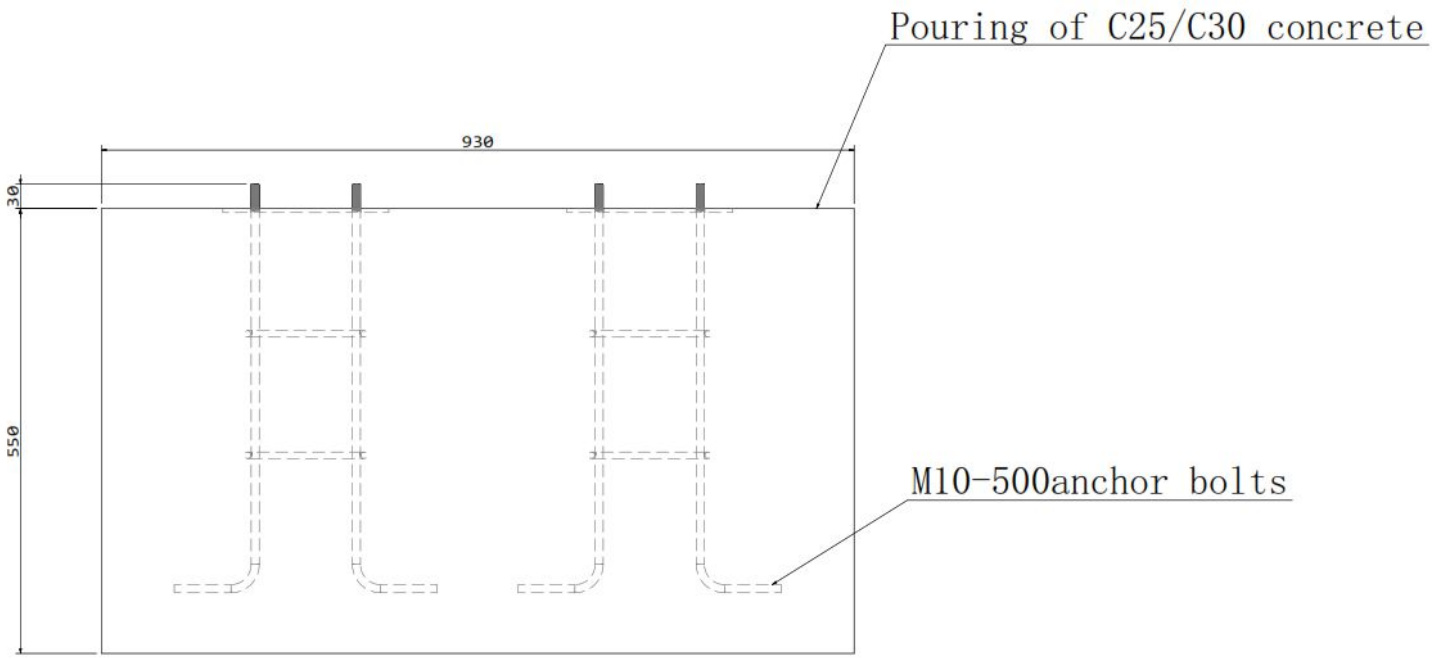
The Kiosk’s bottom metal plate





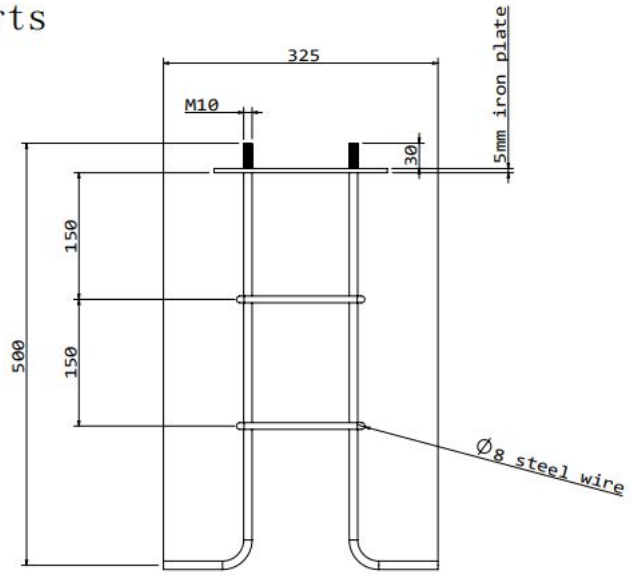
Concrete Base Specifications for 55” Kiosk

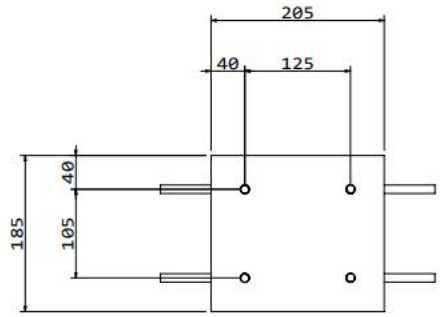


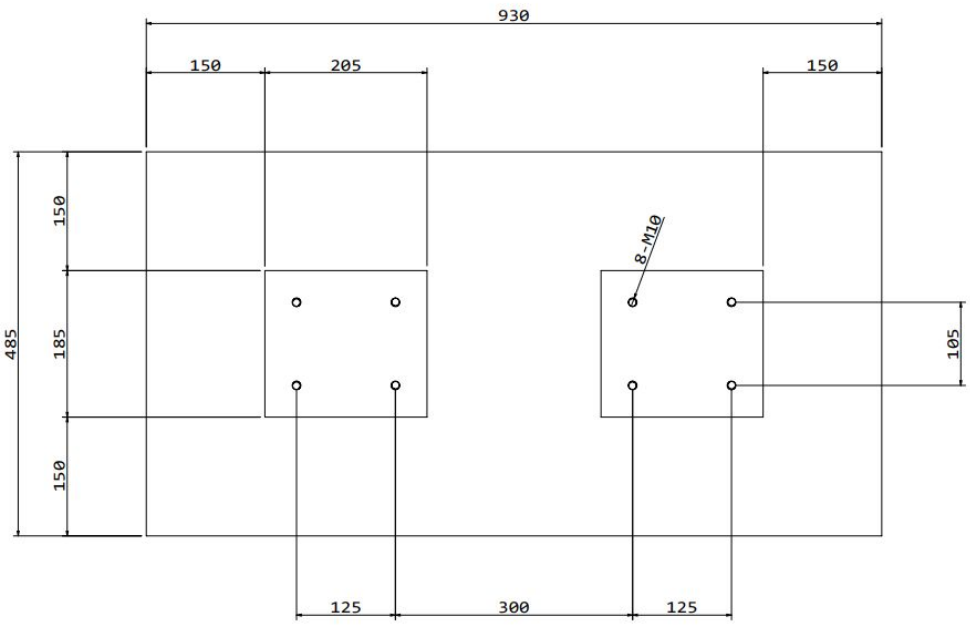


Concrete Base Specifications for 55” Kiosk

Embedded parts







Display Conditioning

Display Conditioning

To ensure optimal performance, the displays 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 continuously for few days. 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.

Operation and Maintenance

Operation and Maintenance Cases

Installation & Foundation Cases

- **The concrete base specifications provided** in our documentation are engineered to serve as a baseline guide for your contractors. Because local soil compositions and environmental factors naturally vary, we recommend pairing these guidelines with a standard site-specific survey. This allows your team to tailor the foundation perfectly to your location's unique profile.
- **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

Remote Control

Remote Control

Remote Control Guide

Your digital signage display includes a dedicated remote control designed to access core system settings and manage device configuration.

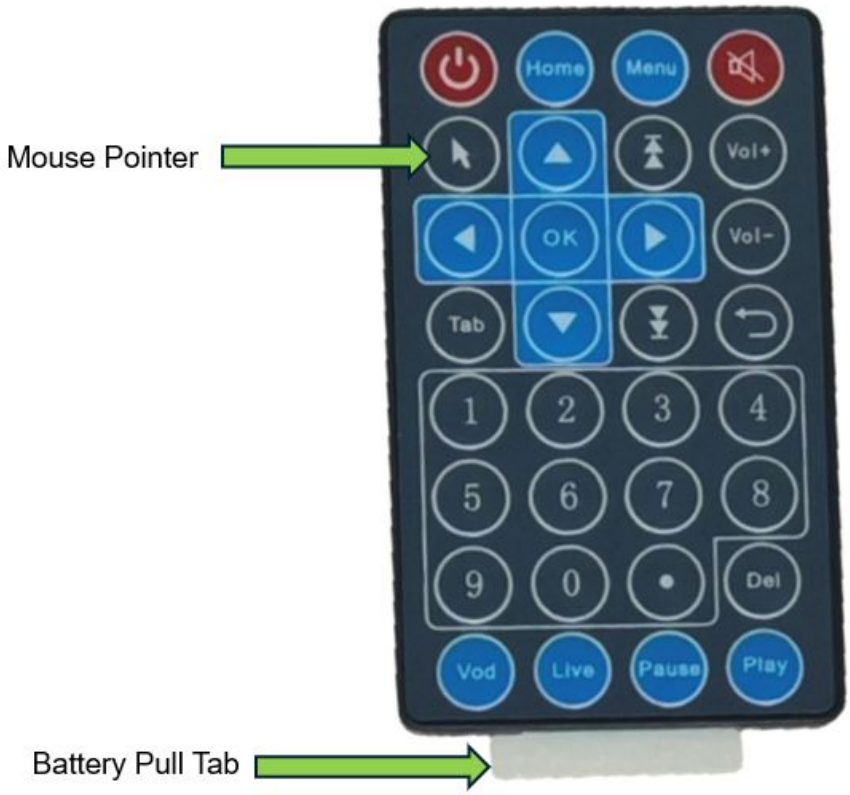
Tip: For the fastest and most convenient initial setup, we strongly recommend plugging a standard USB mouse directly into the unit.

To prevent unauthorised individuals from tampering with public kiosks and displays using universal remotes, the onboard infrared (IR) receiver is built with a deliberately restricted field of reception as follows:

Short Operating Range: Optimal operating distance is within 1 meter (approx. 3 feet) of the display.

Targeted Aim Required: The remote must be aimed directly at the specific sensor location on your unit. The sensor's placement varies depending on your model.
Tip: For the fastest and most convenient initial setup, we strongly recommend plugging a standard USB mouse directly into the unit.

Remote Control Overview



Remote Control

Step-by-Step Instructions

1. Activate the Remote: Pull and remove the clear battery insulator tab extending from the battery compartment to activate the remote.

2. Locate the IR Sensor on Your Display:

Because the IR receiver location varies by model, you will need to identify which target area your display uses:

Top Center: Middle of the upper bezel/screen area
Display Center: Dead center of the screen
Bottom Center: Middle of the lower bezel/screen area

Testing procedure:

- Power the display on.
- Stand within 1 meter of the screen.
- Aim the remote directly at one of the three target regions and press the Mouse Pointer button twice. If an on-screen cursor or prompt appears, you have located the receiver. If nothing appears, repeat the test aiming at the other two target regions until the pointer responds.

Navigation & Key Functions:

Navigation Arrows (Up / Down / Left / Right): Move between items or navigate on-screen menus once the pointer is active.
Menu: Opens the main display settings, on-screen display (OSD) controls, or active application options.
Return ⮌: Return to the previous screen or step back in the current menu.
Volume (+ / -): Adjust the internal speaker output levels.
Mute: Instantly silence or restore audio output.
Tab: Jump forward between applications and settings panels.
Home: Exit the current screen and return to the main home interface (available provided the unit has not been locked down by CMS or kiosk-mode software).
Power Button: To prevent accidental shutdowns, the power button features a built-in safety delay: press and hold for 5 seconds for the display to respond.

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

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Manual No.	Version No.	Author	Publish Date	Standard
110	1.1	Technical Team	29/09/2026	ISO 9001