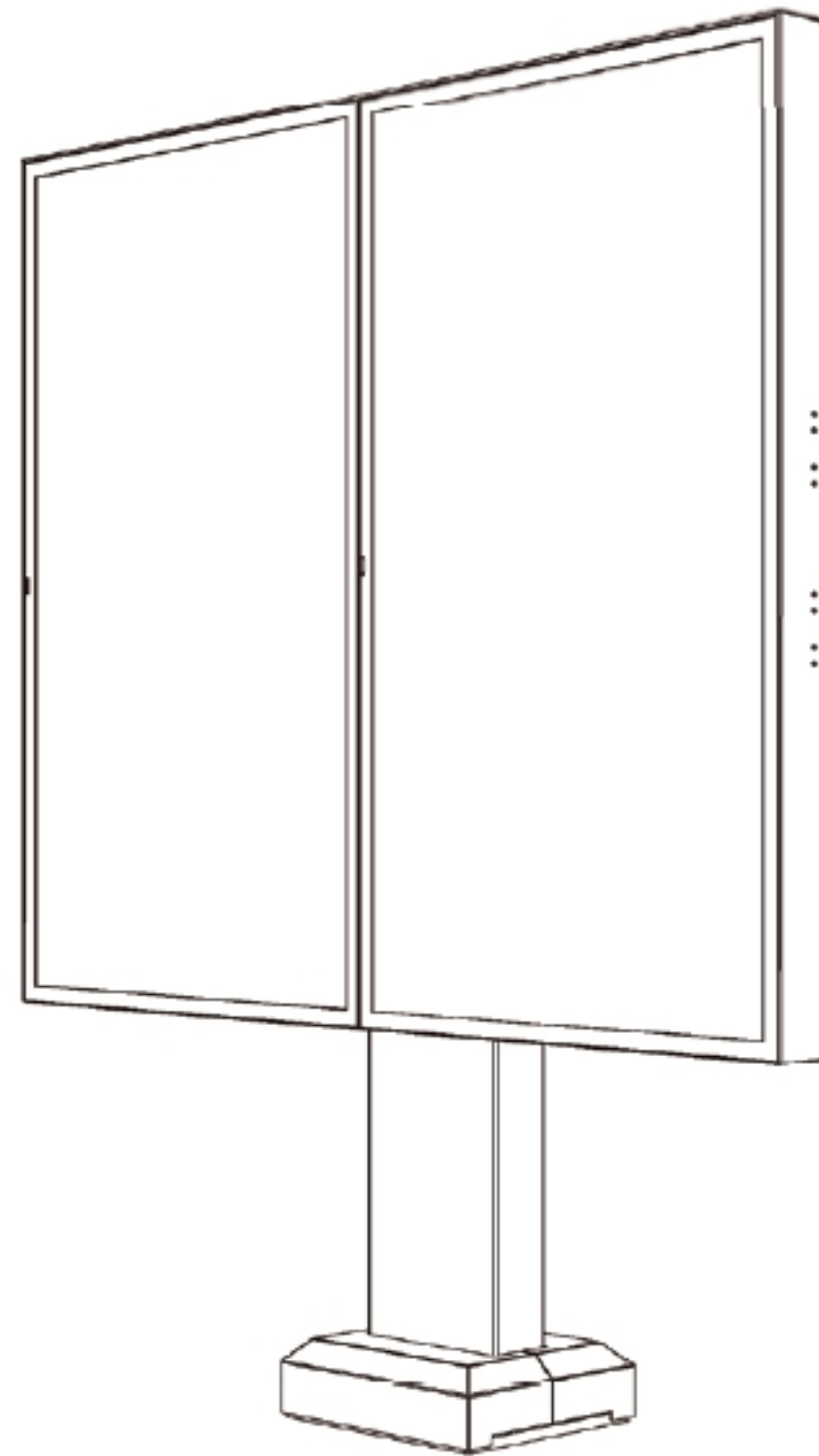




Index

- 1 Main Access Door Operation
- 2 Switches and Power
- 3 Media Player Operations
- 4 Cleaning Quick Reference Guide5 General
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- 6 Cleaning the External Powdercoat
- 7 Salt and Hazardous Areas and the Powdercoat
- 8 Cleaning and Replacing the Dust Filters / Cleaning Fans
- 9 Cleaning the Rear of the Displays and Mesh
- 10 Cleaning the Screen Cooling Fans
- 11 Unit Cabling Diagram (Double)
- 12 Screen One Cabling Diagram (Double)
- 13 Screen Two Cabling Diagram (Double)
- 14 Setting up the Displays



Outdoor Display Unit | Operations Manual

1. Main Access Door Operation

FCC ID: 2BLRY-CG0DMB0355DSB

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions :

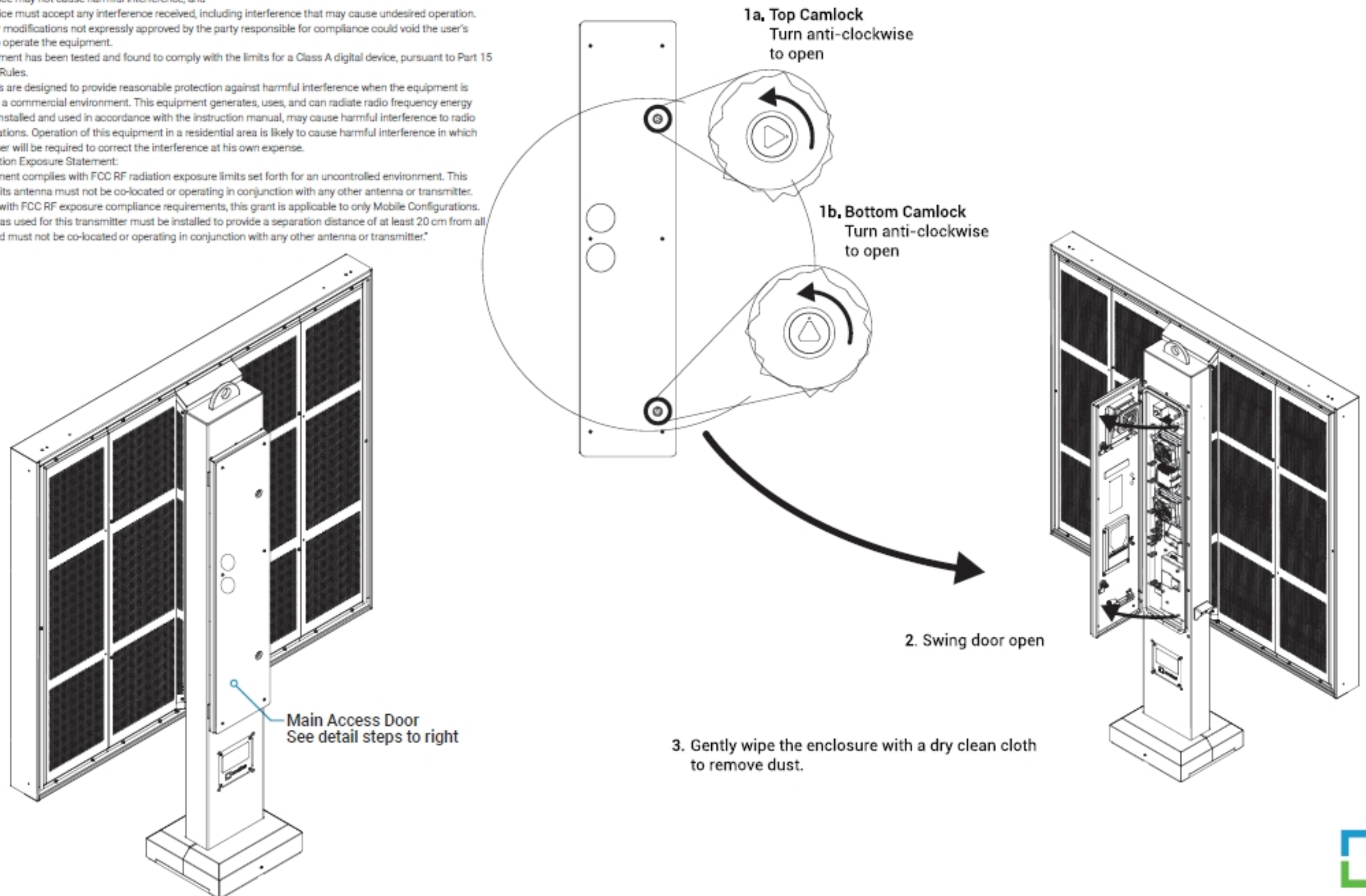
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

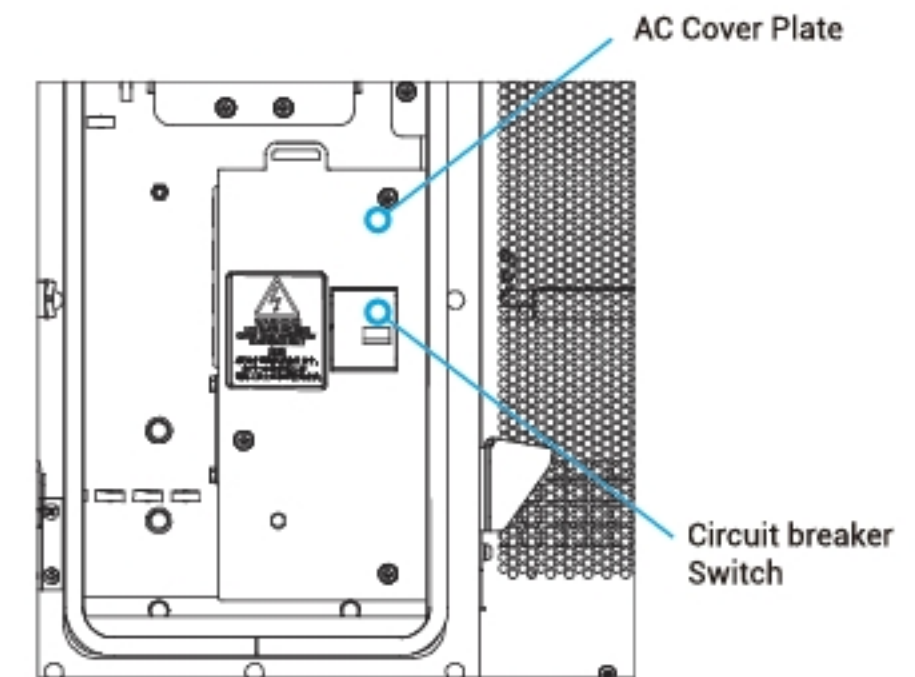
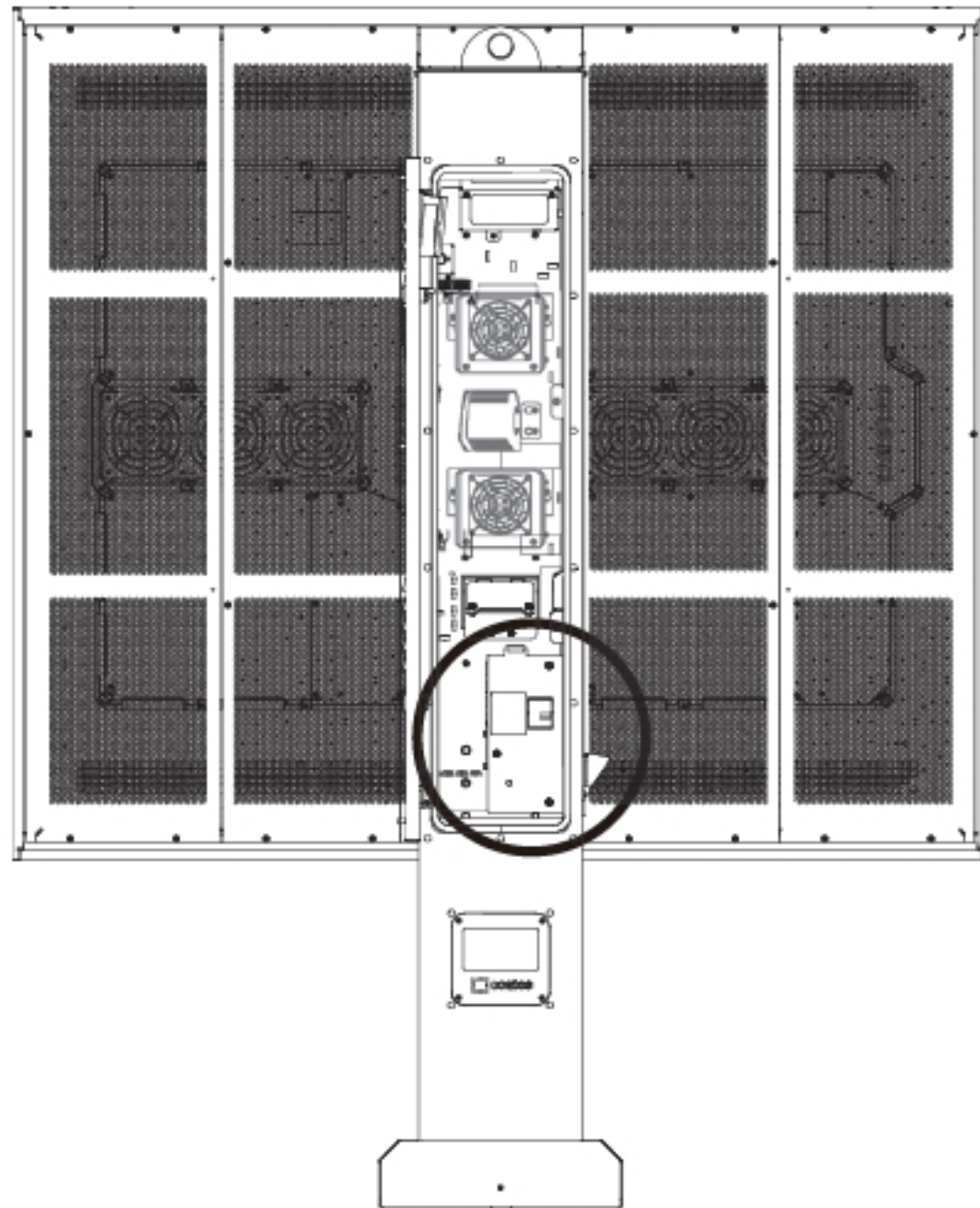
FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.



Outdoor Display Unit | Operations Manual

2. Switches and Power



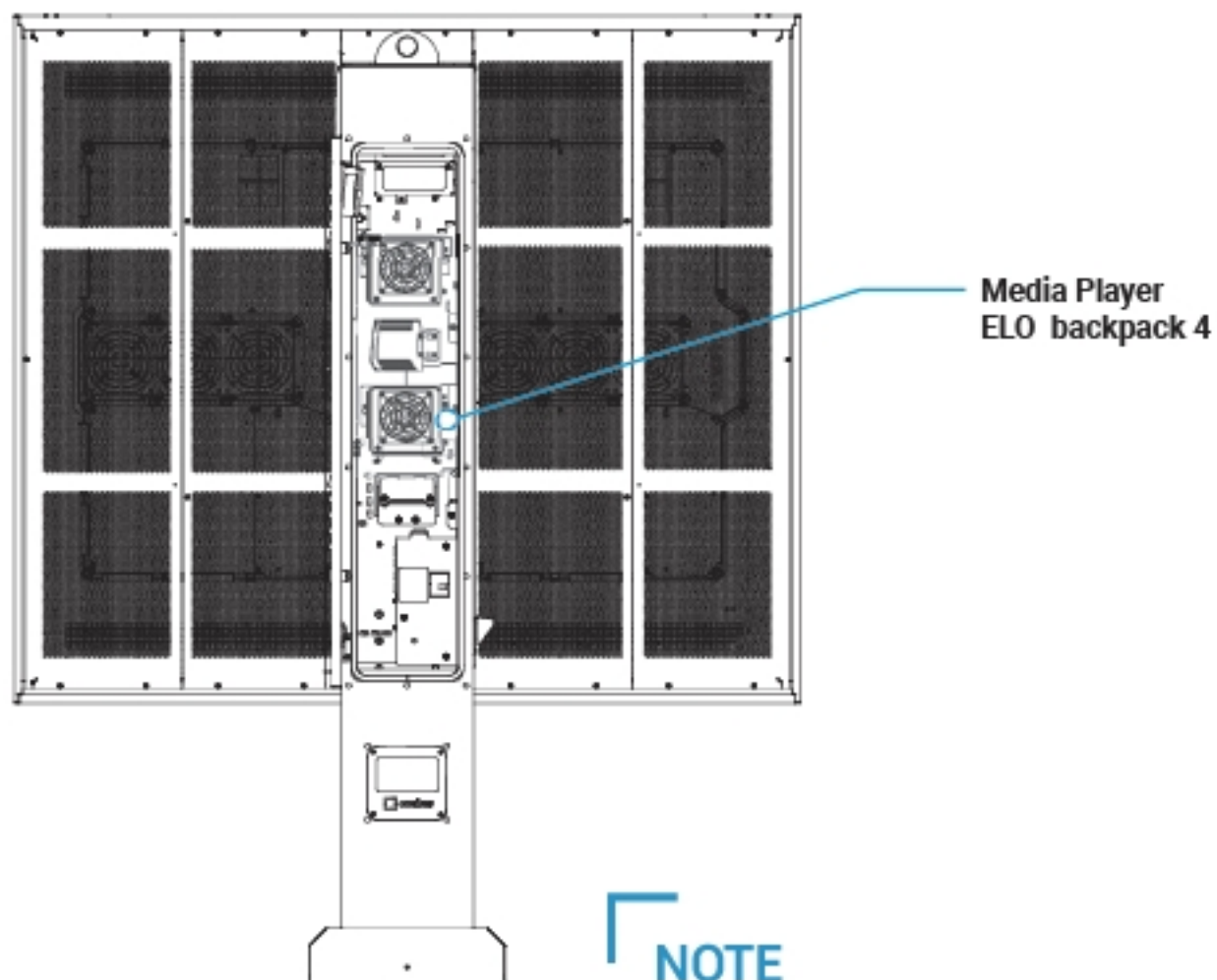
WARNING

Do not attempt to remove electrical cover plate.
Do not reset tripped breaker - contact technical support immediately.



Outdoor Display Unit | Operations Manual

3. Media Player Operations



NOTE

The circuit to which the media players are connected should be set to be powered on 24/7/365. If this circuit is controlled by a switch, then that switch should remain in the ON position for proper functionality of the media player.

Frequent power interruptions can cause damage to the media player for which Coates will not be responsible.

ELO backpack 4



1 Power Button



2 Power Port

5 USB-C Port x 4

3 Ethernet Port

6 USB-C Port

4 HDMI Port

7 Antenna Connector x 2



Outdoor Display Unit | Operations Manual

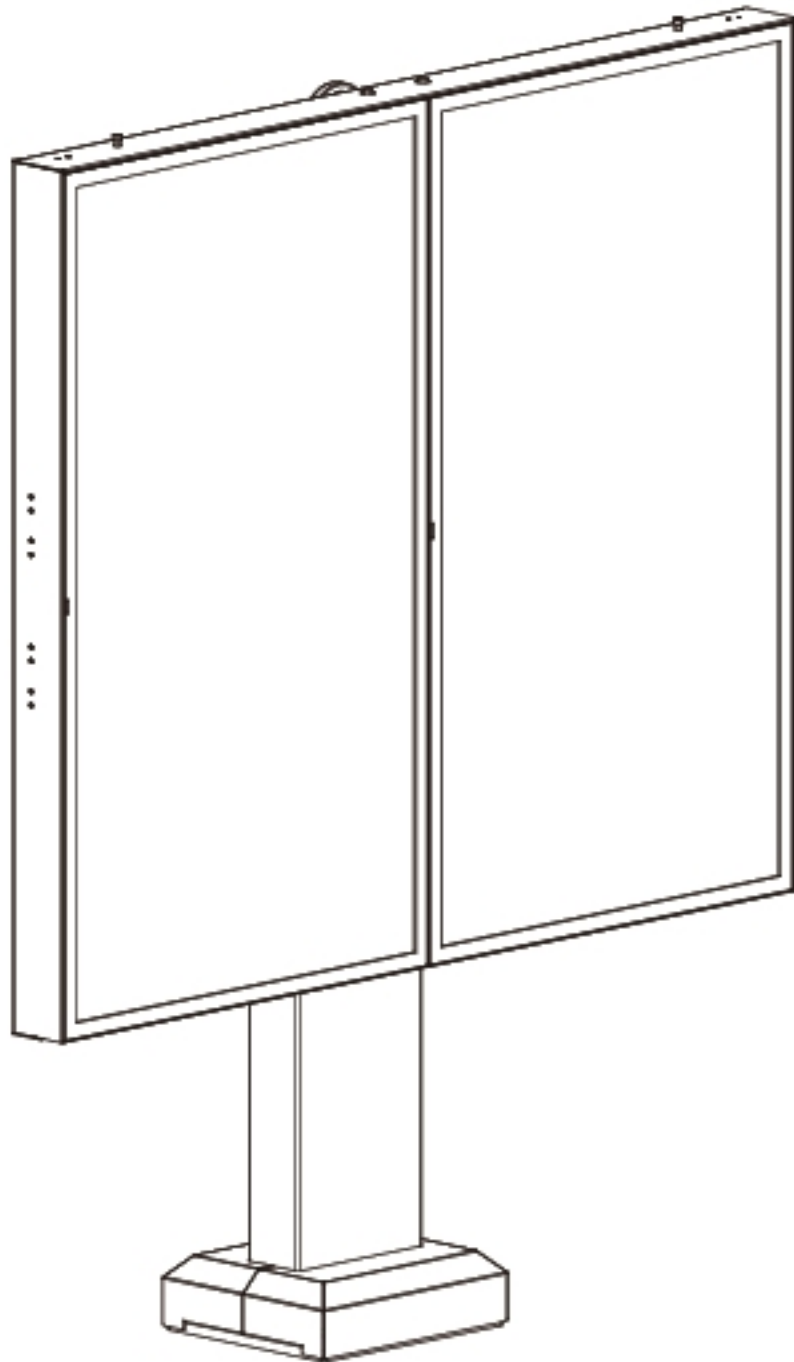
4. Cleaning Quick Reference Guide

Task	Component	Frequency	Notes	Pg
Screen glass cleaning	Samsung screen front glass	As required	Store staff to clean as required	5
Powdercoat cleaning	External paneling and frame	3,6,12 months	Refer to location summary/hazardous details	5,6,7
Internal/Mesh cleaning	Mesh vents and electronic enclosure	As required	Store staff to clean as required	8,9,10
Dust filters cleaning	Media player enclosure door filters	Bi-annually	Filters cleaned and reinserted	8
Samsung fan debris removal	Screen rear cooling fans	Check annually	Only required if a build up of visible debris/dust present	10
Cooling fan cleaning	Cooling fan	As required	Only required if a build up of visible debris/dust present	8



Outdoor Display Unit | Operations Manual

5. General Cleaning Guide



General

Power off the entire unit at the circuit breaker. When cleaning externally, ensure to close main access door before cleaning. Use water applied on to a dry, clean cloth. **DO NOT** spray water or other detergents directly on unit. **DO NOT** use high pressure hoses on unit.

Cleaning the Display

- Gently wipe the displays with a dry, clean cloth to remove dust.
- To clean the front/ glass and remove grease and smudges, dampen a cloth (not dripping) with a small amount of water (or other approved cleaner), wipe the screen and follow with a dry, clean cloth.
- To clean the side/ rear of the displays, dampen a cloth (not dripping) with a small amount of water only, wipe the side/ rear and follow with a dry, clean cloth.
- Please do not rub the displays with a hard or abrasive material.

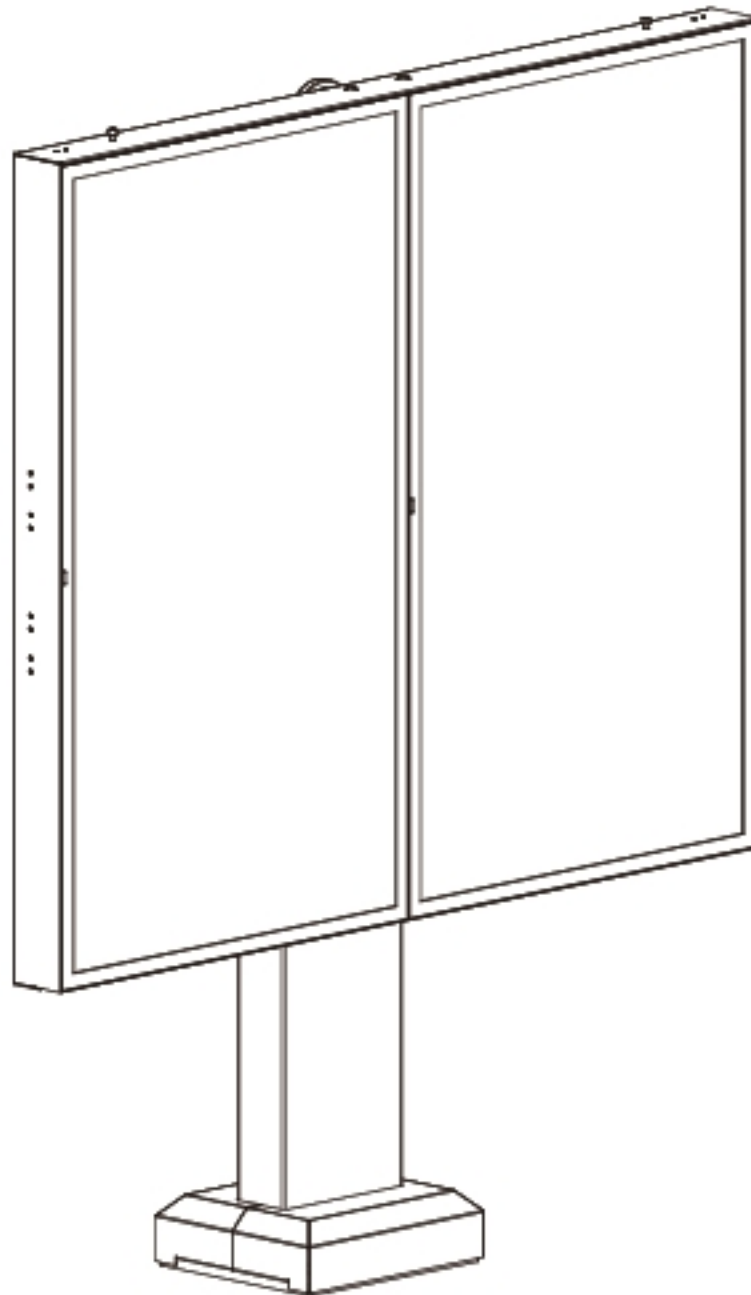
Cleaning the Media Player / Electronics Enclosure

- Gently wipe the enclosure with a soft cloth to remove dust.



Outdoor Display Unit | Operations Manual

6. Cleaning the External Powdercoat



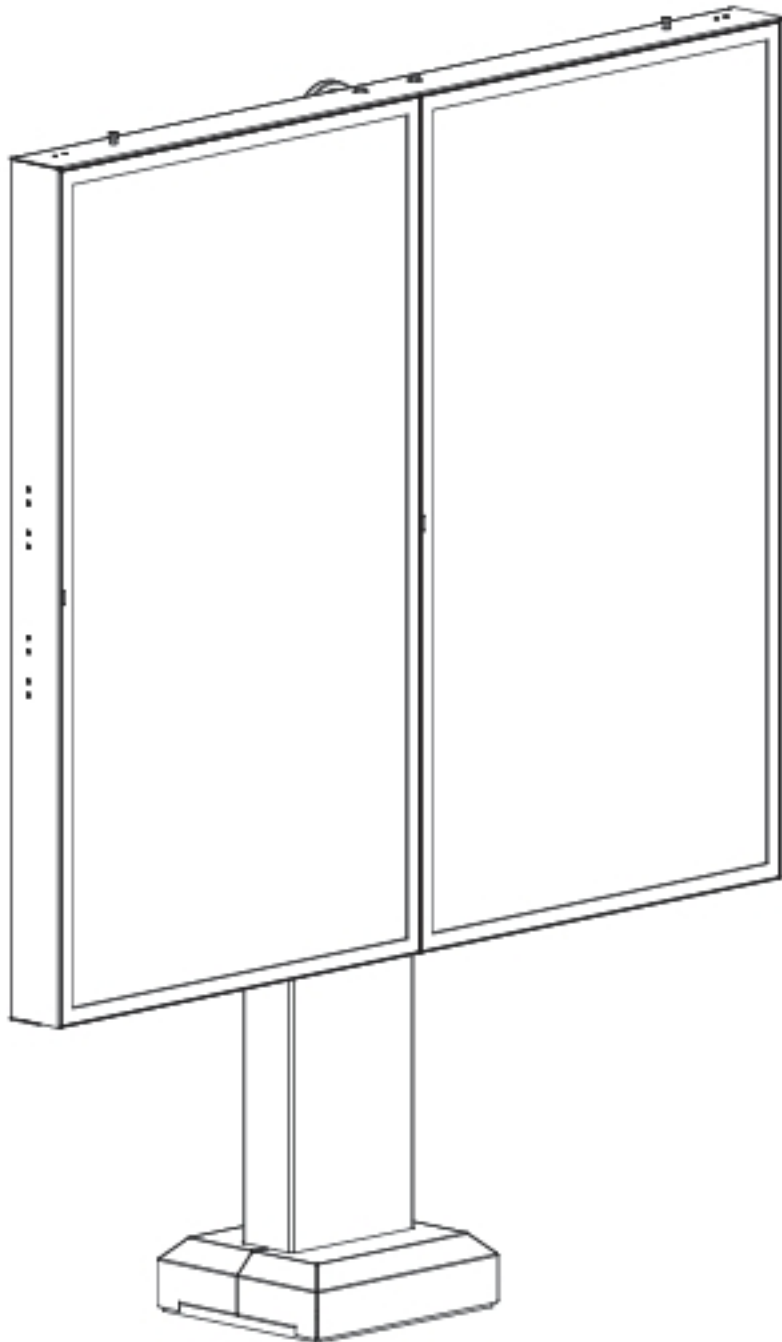
Cleaning the Powdercoated Outside of the Unit: Panels/Main pole/Baseplate

- Normal cleaning should be carried out by regular washing with clean water containing detergent:
- Cleaning should be performed with a non-abrasive cloth or sponge
- The detergent should have a pH in the range of 5-8 and must be diluted, Do not use detergents of unknown composition
- Detergent should not be left on the surface for longer than 1 hr
- Cleaning can be repeated after 24hrs if required
- Detergents must not be used at temperatures higher than 77 °F (25 °C).
- Do not use steam-jet/high pressure devices
- During cleaning, the façade components surface temperature must not exceed 77 °F (25 °C).
- Immediately after cleaning, the surface should be rinsed thoroughly with clean damp soft cloth
- Strongly acidic or alkaline cleaners must not be used
- The removal of greasy, oily or sooty substances can take place with the use of white spirit free of aromatic compounds or
- Isopropyl alcohol (IPA). Adhesives, silicone cartouche, adhesive tapes or other residues can also be removed this way.
- Abrasive cleaners may cause scratching or other surface damage and must not be used



Outdoor Display Unit | Operations Manual

7. Salt and Hazardous Areas and the Powdercoat



Protecting the Powdercoat in Hazardous Locations

- Routine cleaning should be carried out to maintain the life of the powdercoat, certain environments can accelerate corrosion and cleaning should be carried out regularly to prevent this

Normal Locations - Clean every 12 months

Urban and industrial areas, moderate pollution. Coastal areas with low salt content.

Severe Locations - Clean every 6 months

Industrial areas and coastal areas with moderate salt impact.

Hazardous locations - Clean every 3 months

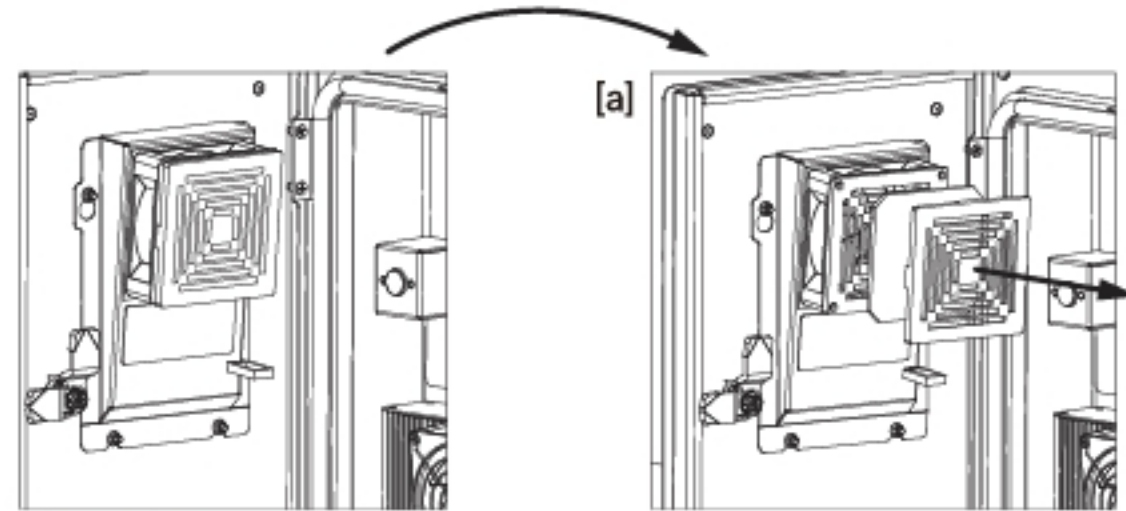
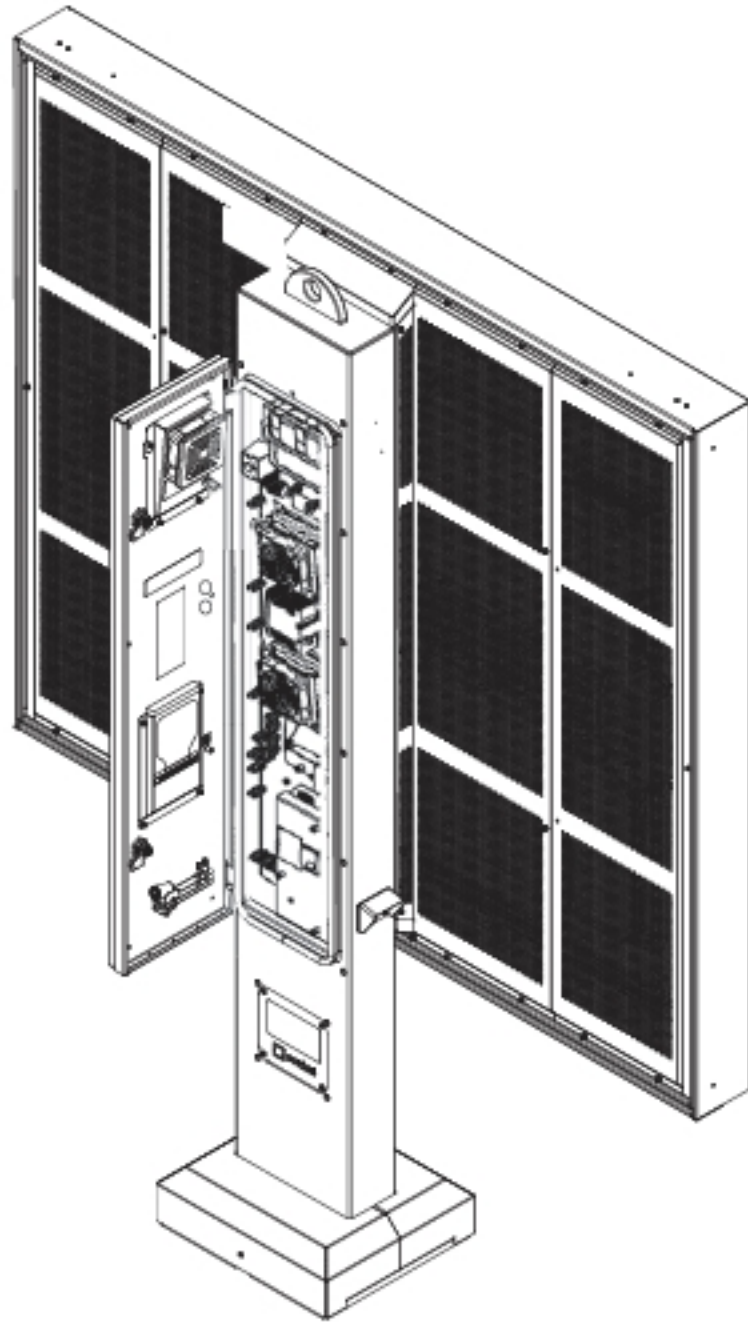
Industrial areas with high humidity and aggressive atmosphere. Close proximity Coastal area under 1 mile with high salt content. Sites using chemical or salt based agents to clear snow.



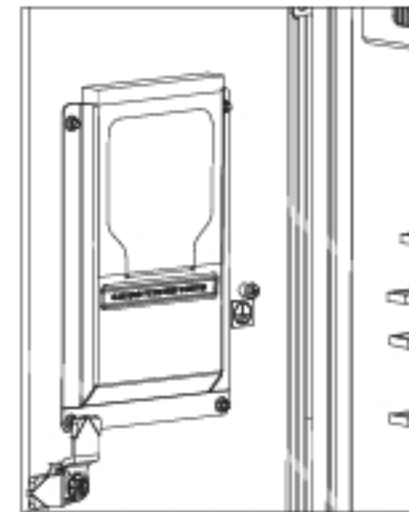
Outdoor Display Unit | Operations Manual

8. Cleaning and Replacing Dust Filters / Cleaning Fans

FAN & FILTER MAINTENANCE TO BE PERFORMED EVERY 6 MONTHS.
FILTERS SHOULD BE 100% DRY WHEN PLACED BACK INTO THE ENCLOSURE.



[a] Exhaust Filter
Remove filter by pulling away plastic bracket.
To clean the filter, wash the filter carefully.
To replace filter, press plastic bracket to lock in place



[b] Intake Filter
Slide filter upwards to remove from bracket. To clean the filter, flick with fingers to release dust. If heavily soiled, replace filter.
To replace filter, slide back into place.

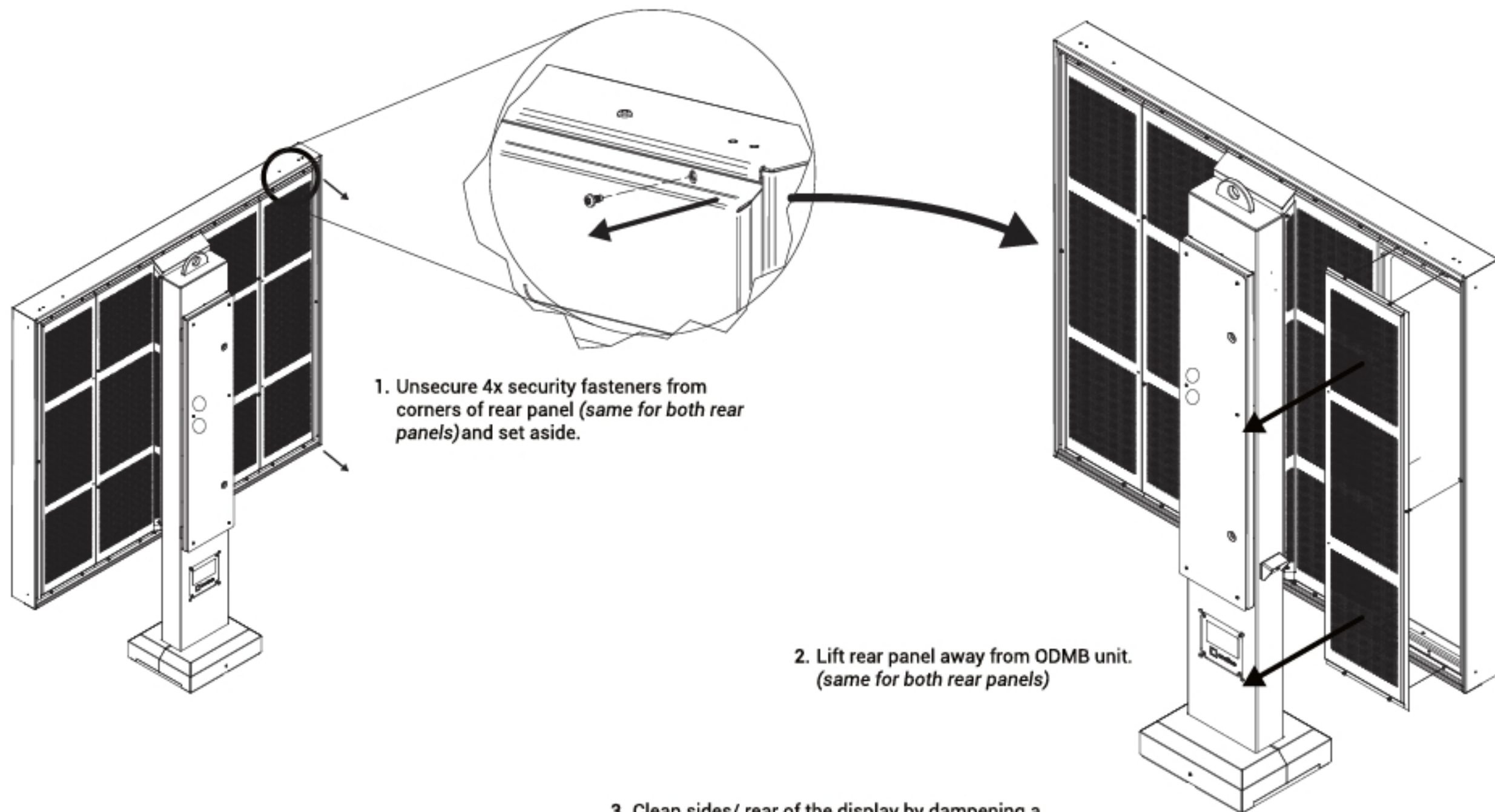
Cleaning the Fans

Ensure units are powered down (see page 2) before cleaning fans,
Wipe any dust or debris away with a dry cloth only, Do not use water to clean fans.



Outdoor Display Unit | Operations Manual

9. Cleaning the Rear of the Displays and Mesh



+ **Note** Diagrams show right rear panel however, steps are identical for left rear panel as well.

- 3. Clean sides/ rear of the display by dampening a dry/ clean cloth with a small amount of water only, wipe the side/ rear (fan grates) and follow with a dry, clean cloth.**
The insect mesh can be wiped down with a damp cloth while still on the unit or can be cleaned while the rear panels are removed, there is no need to remove the mesh its fixture bracket.

Reinstallation
In order to reinstall rear panel, follow steps 1-2 in reverse order.

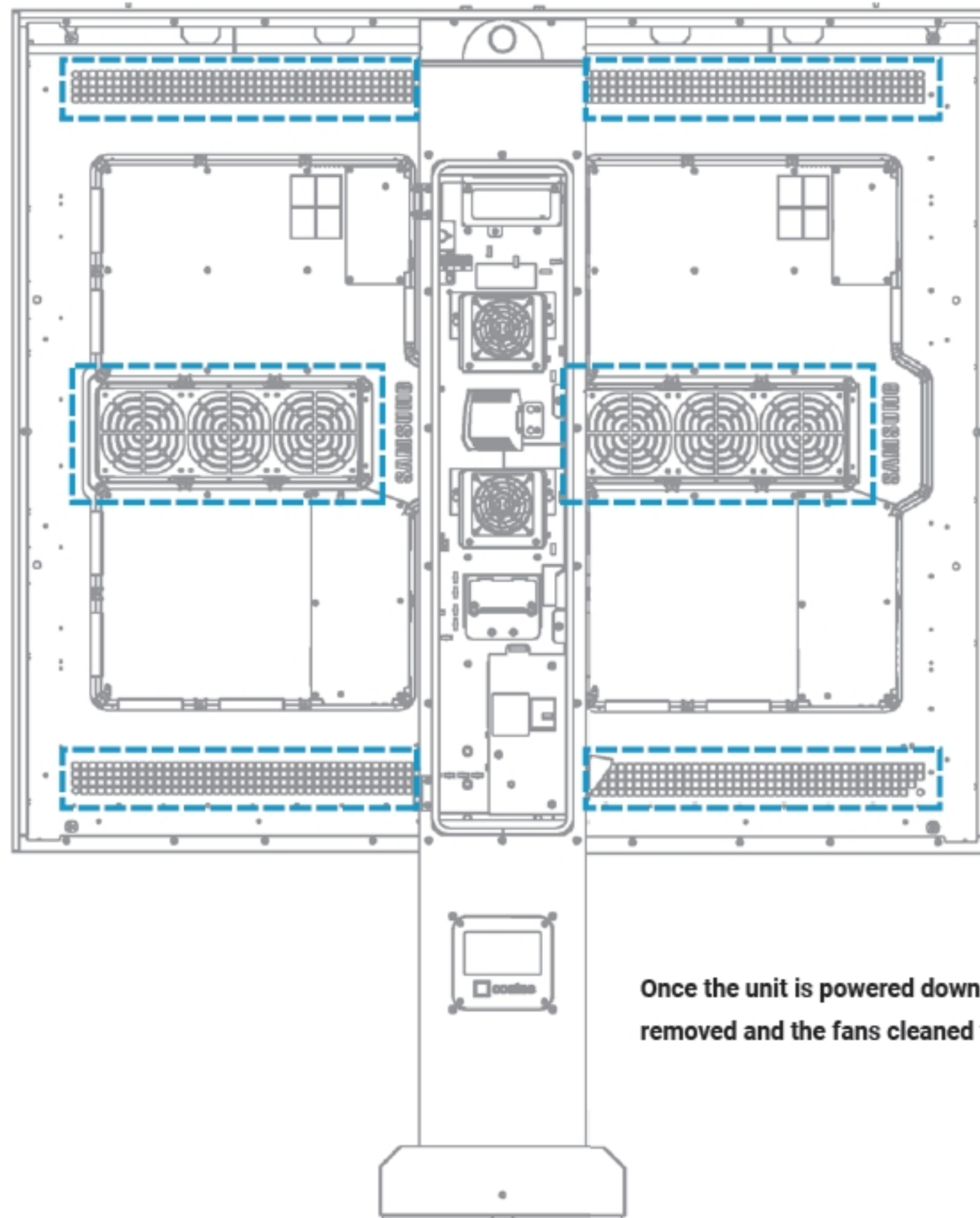


Outdoor Display Unit | Operations Manual

10. Cleaning the Screen Cooling Fans

NOTE

Fans only need to be cleaned if visible debris is present, Inspect with a light occasionally through insect mesh.



Once the unit is powered down ,the rear door cab be removed and the fans cleaned with a damp cloth



Outdoor Display Unit | Operations Manual

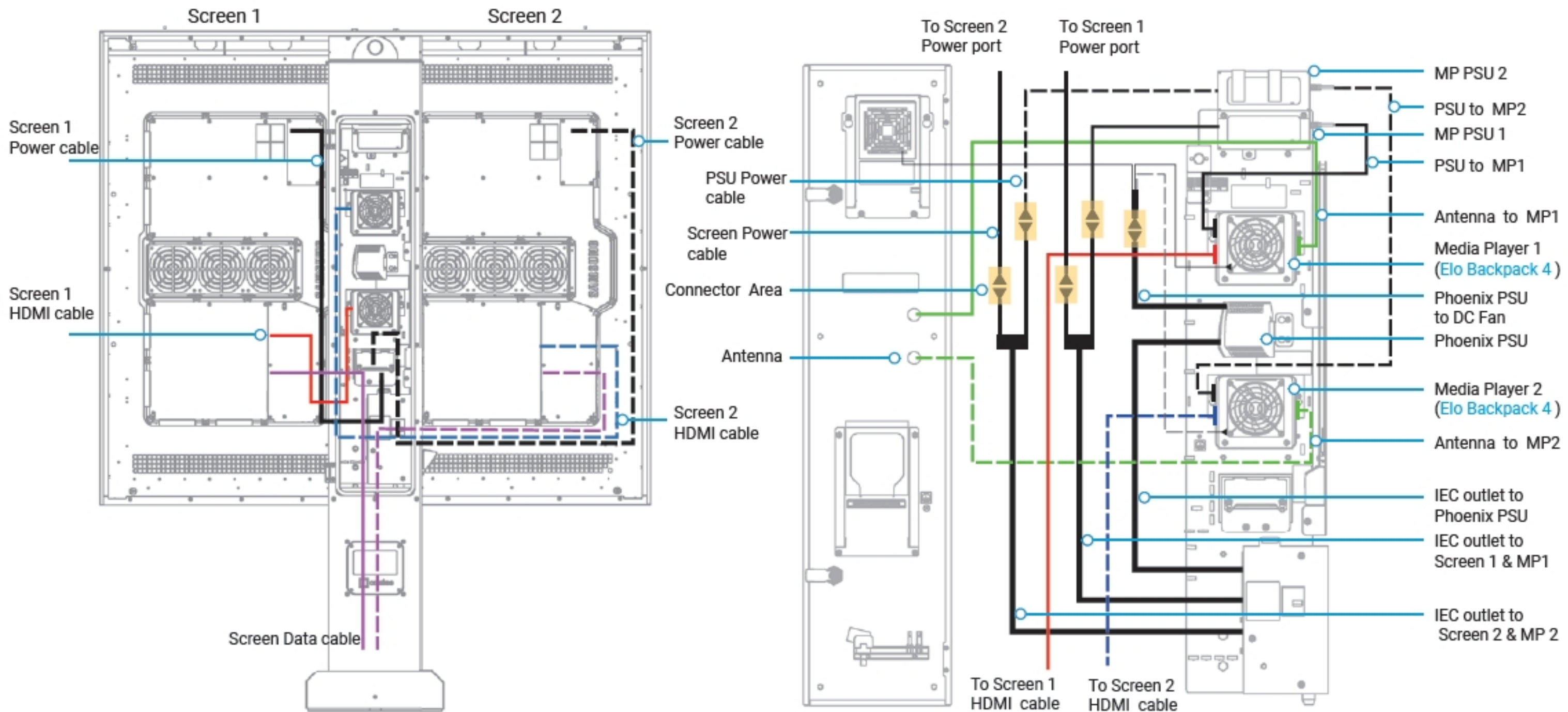
11. Unit cabling diagram (Double)

--- Only For Double Unit

Process is the same for both
single and double unit



Make sure that the connector area is secured with Electrical insulating tape ;
and also use cable ties to secure the plug on the electrical plate.



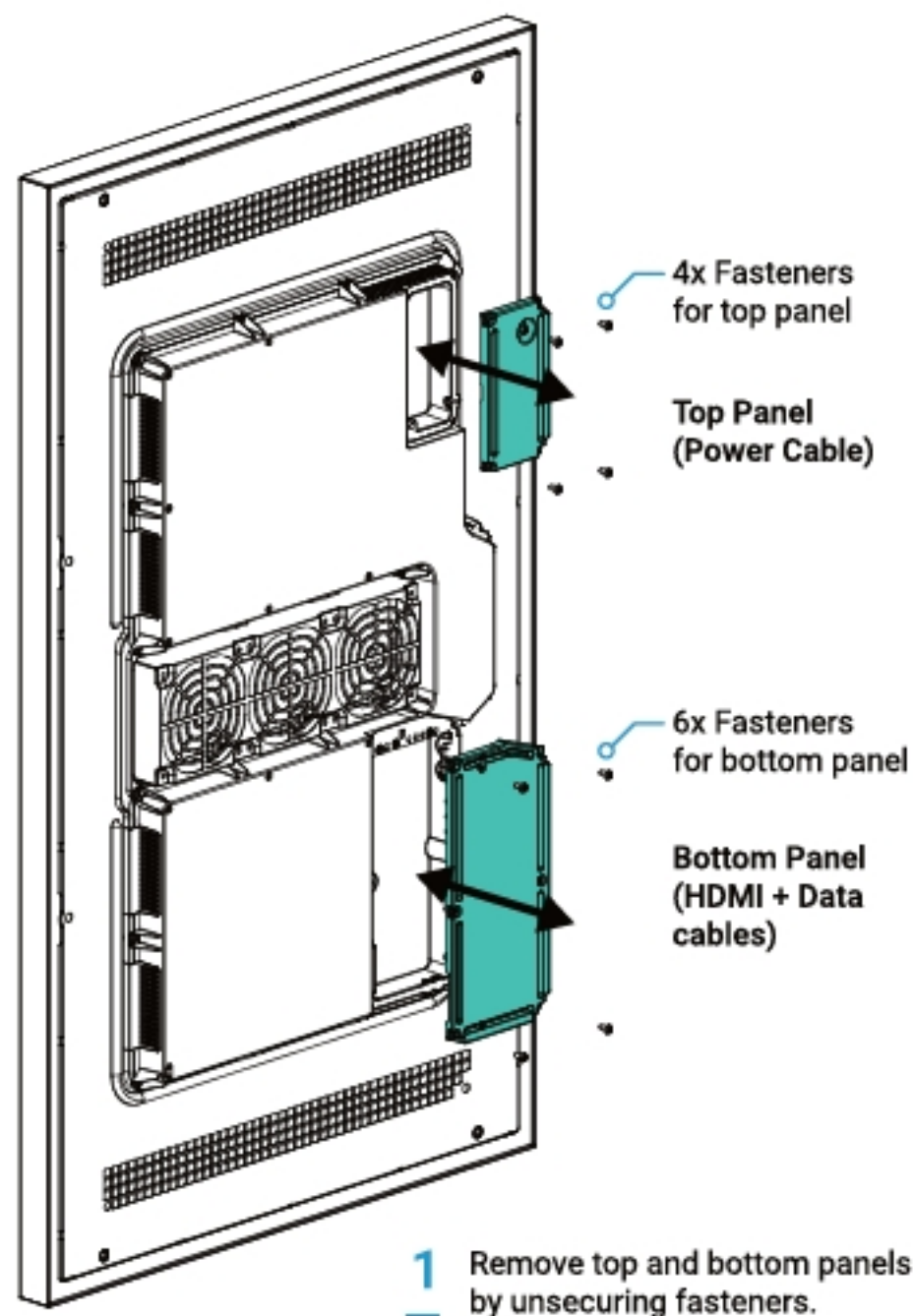
NOTE

Coates won't provide the HDMI cable & Screen power cable



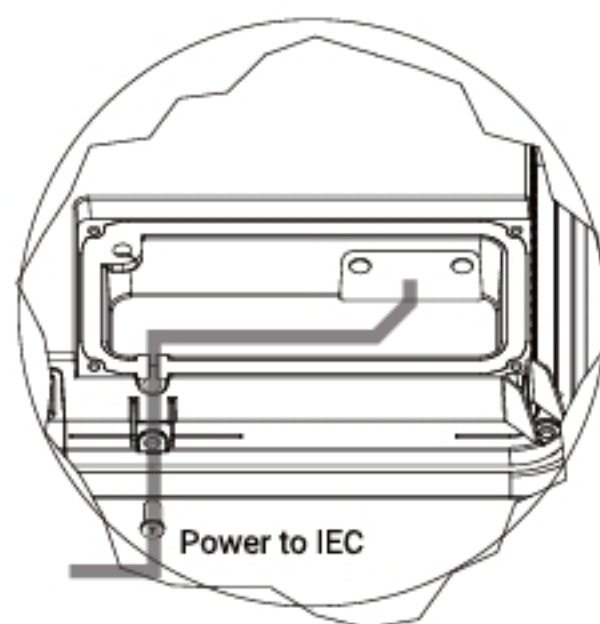
Outdoor Display Unit | Operations Manual

12. Screen One Cabling diagram (Double)



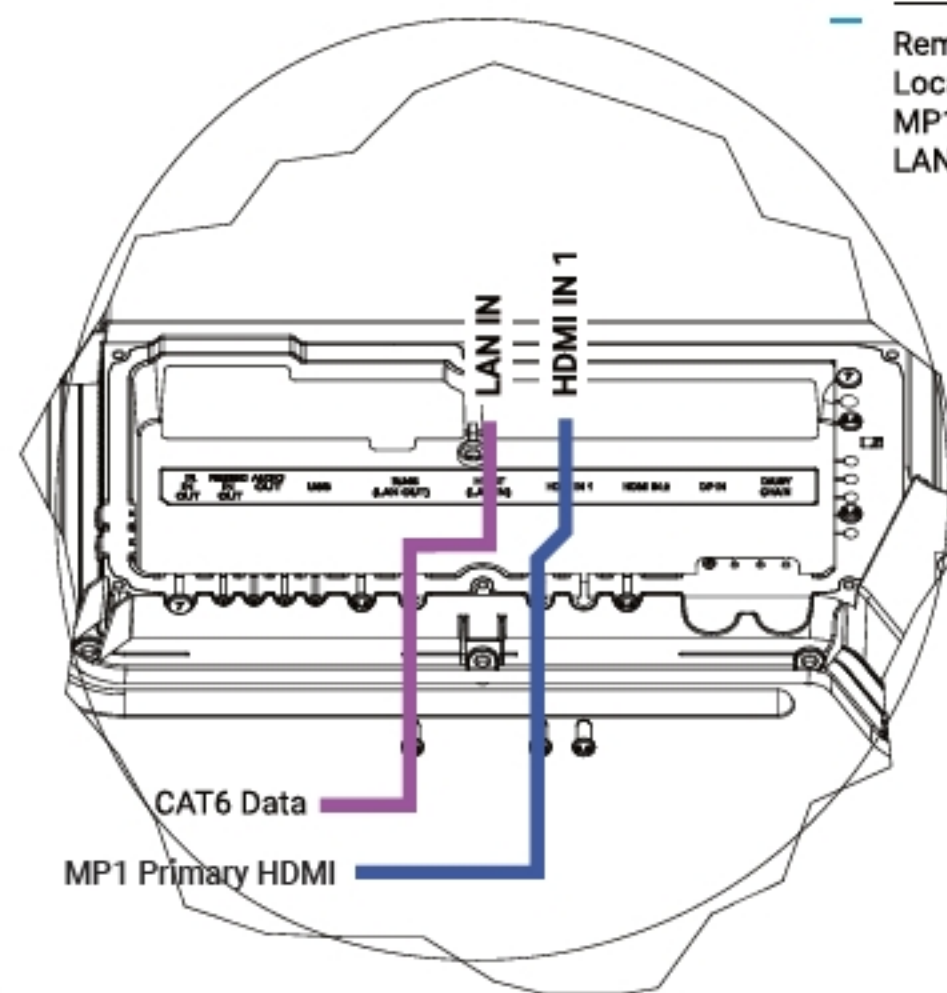
NOTE

- + REAR COVERS CANNOT BE LEFT OFF SCREENS LONGER THAN 2 HOURS
- + IDEALLY THEY SHOULD BE REINSTALLED WITHIN 20 MINUTES



2 Top Panel

Remove 7mm plug as shown in diagram. Locate power cable into place and ensure seal around cable is tight. Place cover panel back on to display and ensure fasteners are tightened securely in order for seal to be effective.



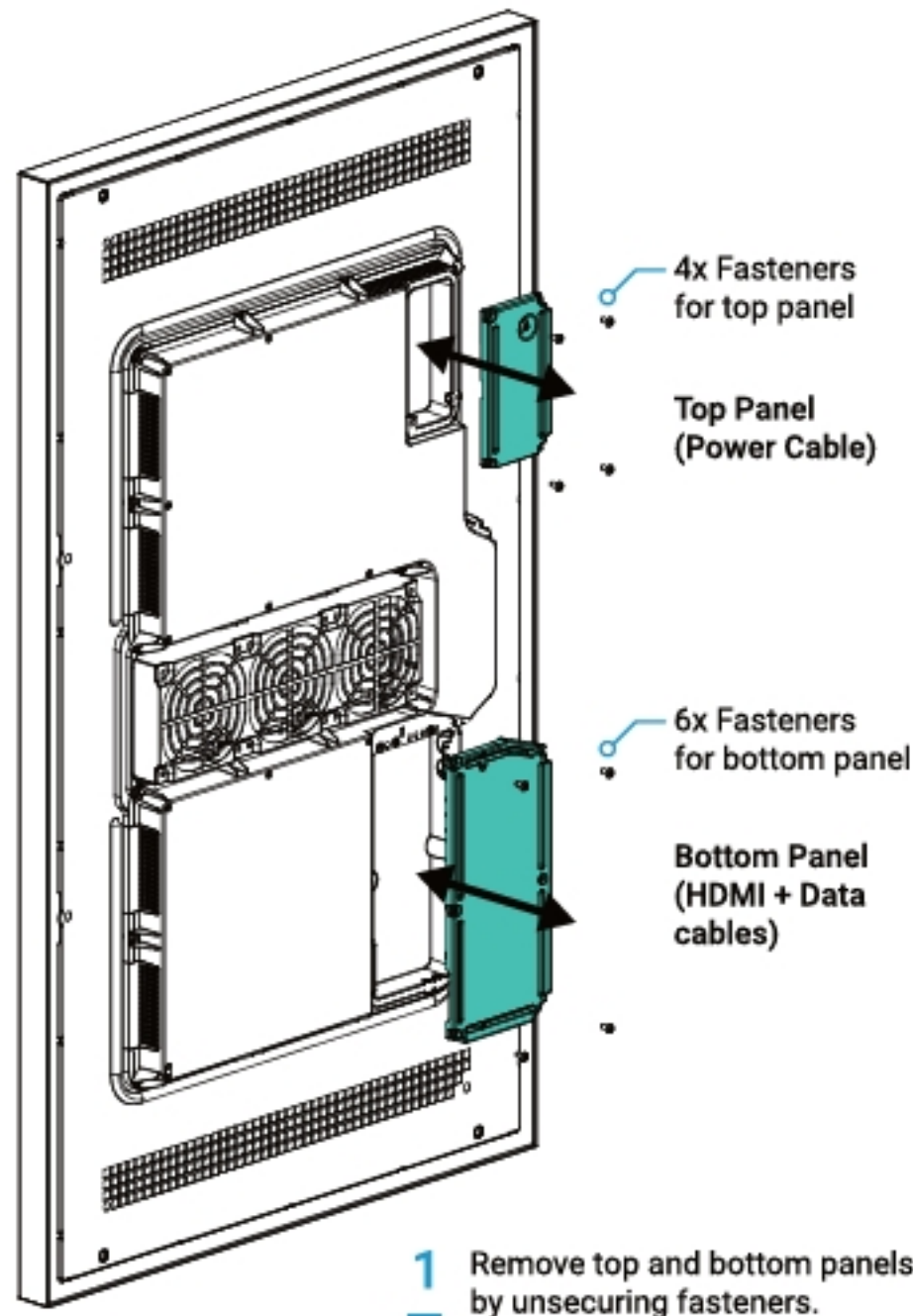
3 Bottom Panel

Remove 5.5mm plugs as shown in diagram. Locate cables into place (MP2 Primary into HDMI 1, MP1 Secondary into HDMI 2, CAT6 data into RJ45 LAN In).



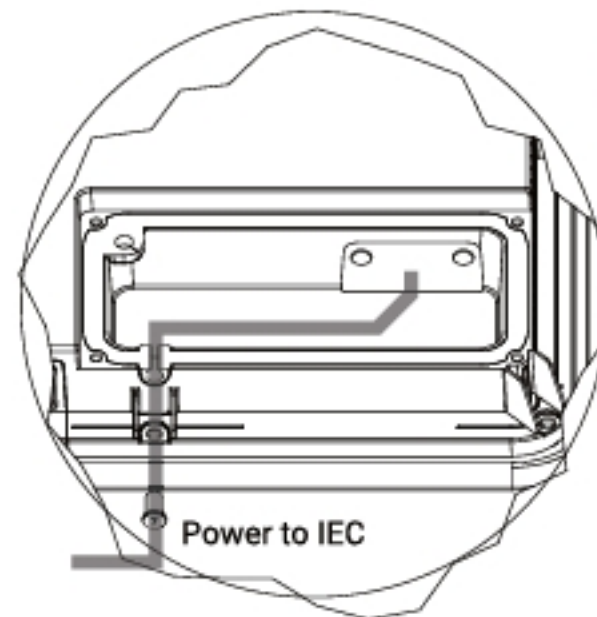
Outdoor Display Unit | Operations Manual

13. Screen Two Cabling diagram (Double)



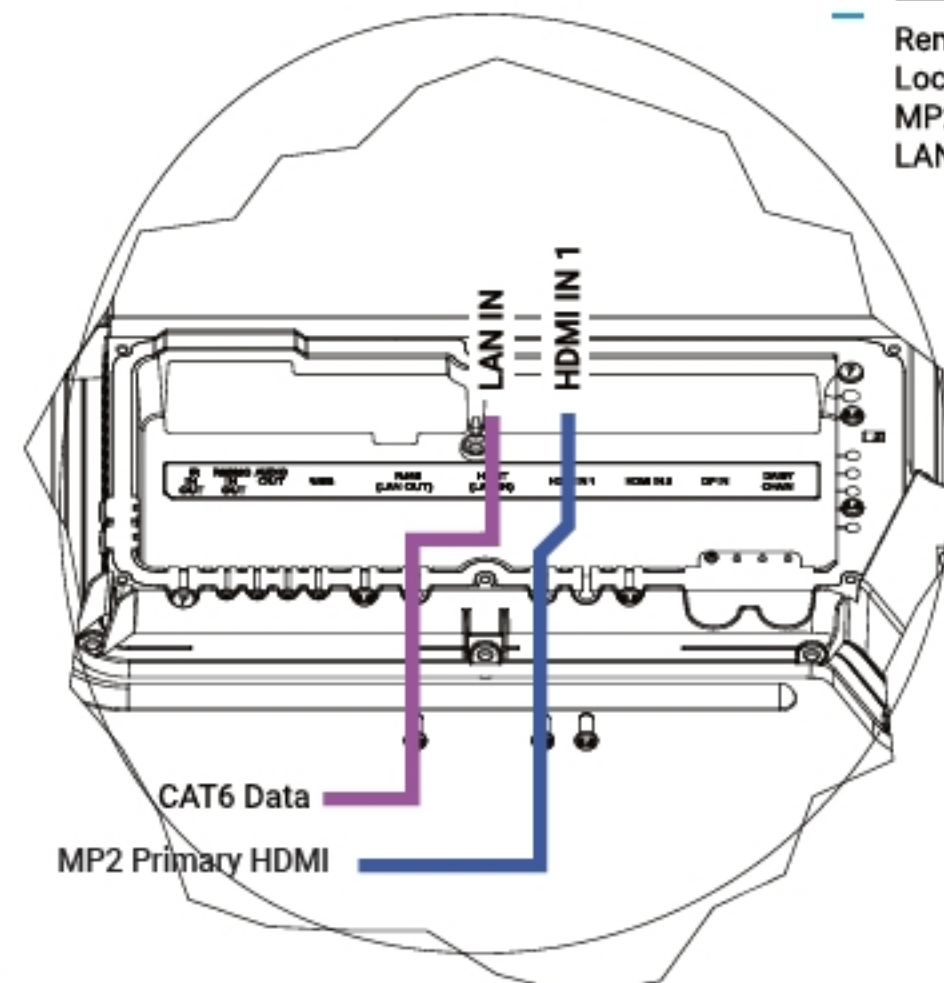
NOTE

- + REAR COVERS CANNOT BE LEFT OFF SCREENS LONGER THAN 2 HOURS
- + IDEALLY THEY SHOULD BE REINSTALLED WITHIN 20 MINUTES



2 Top Panel

Remove 7mm plug as shown in diagram. Locate power cable into place and ensure seal around cable is tight. Place cover panel back on to display and ensure fasteners are tightened securely in order for seal to be effective.



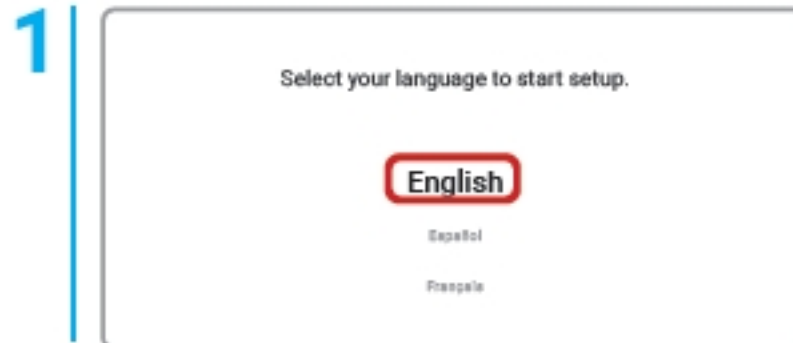
3 Bottom Panel

Remove 5.5mm plugs as shown in diagram. Locate cables into place (MP1 Primary into HDMI 1, MP2 Secondary into HDMI 2, CAT6 data into RJ45 LAN In).



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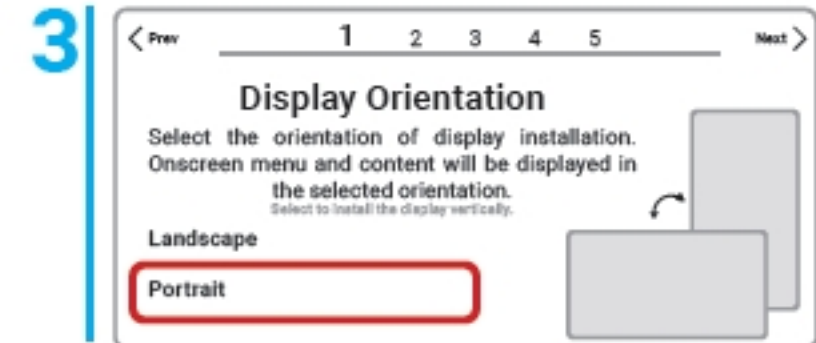
14. Setting up the Display



Set the menu language | A change to the language setting will only be applied to the onscreen menu display. It will not be applied to other functions on your PC.



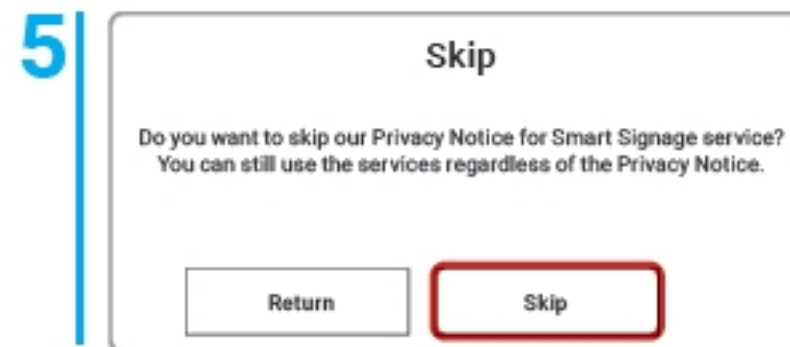
Select Basic Setup | Select Basic Setup as the Installation Type.



Select display orientation | Select Portrait option for the display orientation.



Skip privacy notice | Skip the Smart Signage Privacy Notice page.



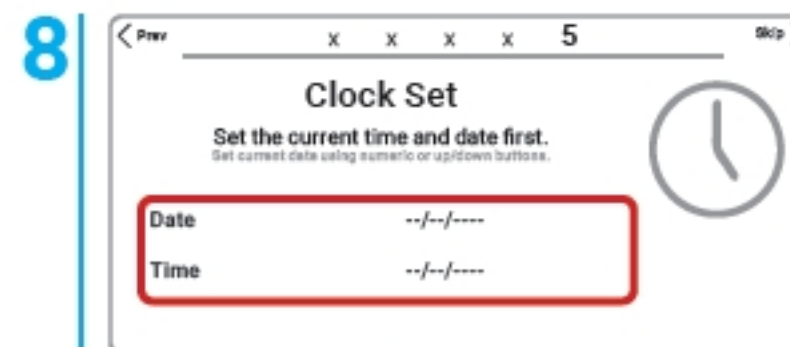
Confirm skip | Select Skip to confirm skipping the Smart Signage Privacy Notice page.



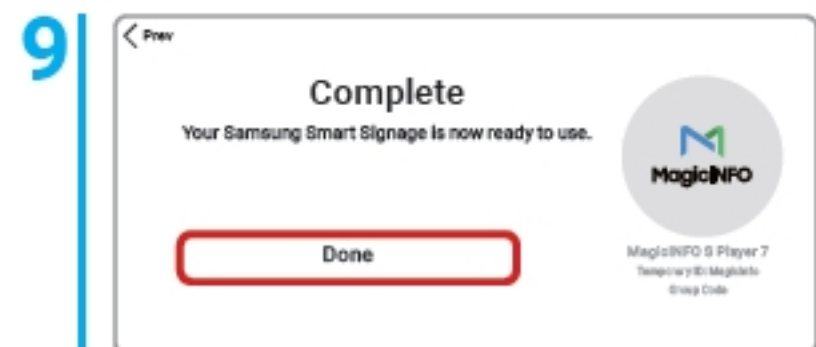
Skip play via | Skip these steps by pressing the right arrow key on the remote control.



Skip connect to magic info server | Skip these steps by pressing the right arrow key on the remote control.



Set date and time | Set the current date and time.



Basic setup complete | The basic setup procedure is complete.



Outdoor Display Unit | Operations Manual

14. Setting up the Display

Network Settings

MENU > Network > Network Status > Enter

You can check the current network and internet status

MENU > Network > Open IP Settings > ENTER

Make Sure that the screen is wired to the network and after the screen is connected to the internet.

Configure network settings to connect to an available network.

Network Status

Your device is connected to the internet

?

—

—

▶

—

—

🌐

You are connected to the Internet.

If you have any problems using online services, please contact your internet Service Provider.

Network Settings

IP Settings

Retry

Close

Manual Open Network Settings (Wired)

Offices may use static IP addresses. If this is the case, ask the network administrator for the **IP Address, Subnet Mask, Gateway and DNS Server Address.**

Enter these values manually.

Getting the Network Connection Values

Contact Support to get the values:
1(800)3851430

IP Settings

IP Setting	Enter manually
IP Address	192.168.92.201
Subnet Mask	255.255.255.0
Gateway	192.168.92.1
DNS Setting	Enter manually
DNS Server	208.67.220.220

OK

Cancel

NOTE

These values vary from customer to customer and screens location in the drive thru. To change/ verify all highlight values, please call Coates Support **(02) 8355 5918**

The displayed image may differ depending on the model.



Outdoor Display Unit | Operations Manual

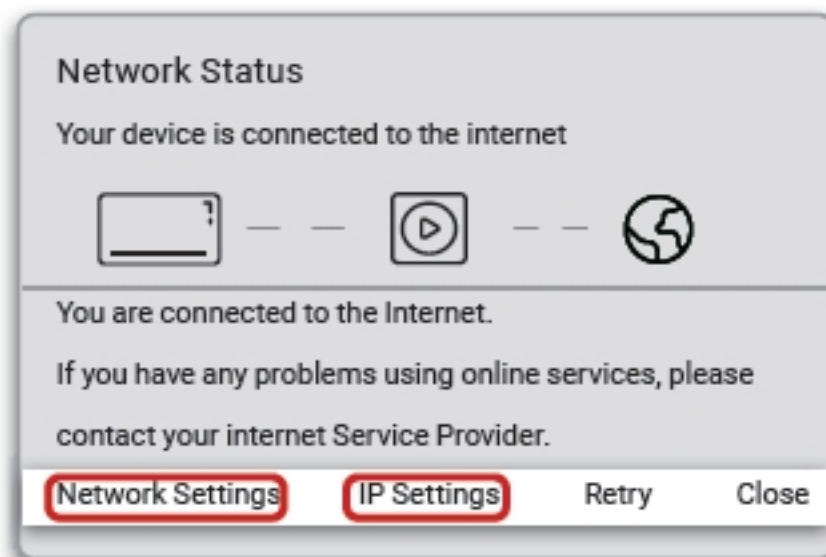
14. Setting up the Display

How to set up manually

Select **Open Network Settings**. This starts the **Open Network Settings** session. The network test screen appears, and the verification process starts. Press **Cancel**. The verification process stops. Select **IP Settings** on network connection screen. The **IP Settings** screen appears.

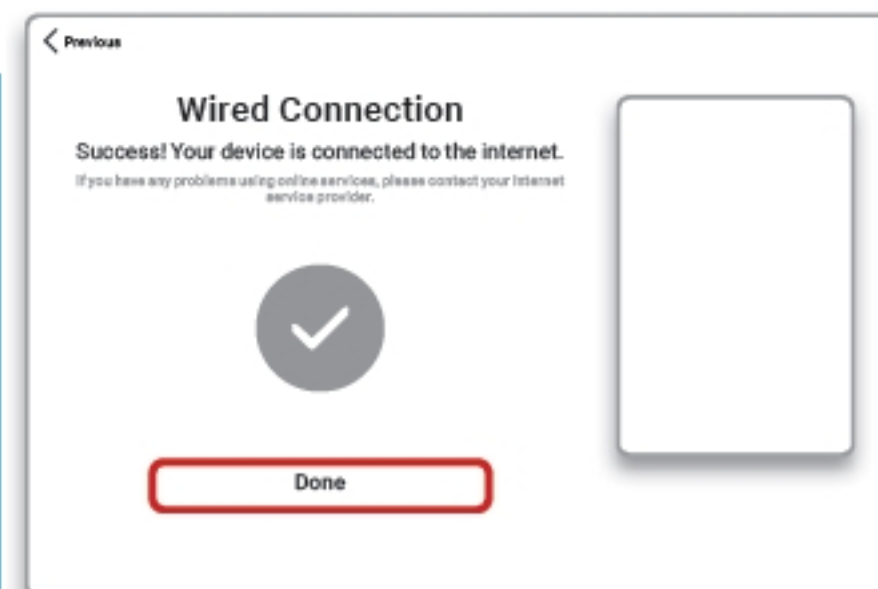
Select the field at the top, press **E**, and then set **IP Setting to Enter manually**.

Repeat the entry process for each field in the **IP Address**. Setting **IP Setting to Enter manually**, automatically changes **DNS Setting to Enter manually**.



When done, select **OK** at the bottom of the page, and then press **Enter**. The network test screen appears, and the verification process starts.

When the connection has been verified, a confirmation message will appear acknowledging successful connection.



The displayed image may differ depending on the model.



Outdoor Display Unit | Operations Manual

14. Setting up the Display

Display Orientation

Onscreen Menu Orientation > Portrait

Select whether the onscreen menu should be displayed in landscape or portrait orientation. Portrait: Display the menu in portrait mode on the right side of the product screen.

Source Content Orientation > Landscape

Rotate the product screen orientation. This feature is not available for input source resolutions higher than 7680 x 4320. Landscape: Display the screen in landscape mode.

Display Orientation

Onscreen Menu Orientation	Portrait
Source Content Orientation	Landscape
Aspect Ratio	Full Screen

Navigate the Menu as follows
■ Menu > OnScreen Display > Display Orientation > Press ENTER

Power Control

Auto Power > On

This feature automatically turns on the product as soon as it is plugged in. Pressing the power button is not needed.

Max.Power Saving > Off

Conserve power by turning off PC monitor when PC is not used for certain time.

Standby Control > Off

Switch to Off, the message "No Signal" will appear if no input signals are detected

Remote Configuration > On

This feature keeps the network power on when the product turns off.

On other displays this may be called 'Network Standby'

Power Control

Auto Power On	On
Max. Power Saving	Off
Standby Control	Off
Remote Configuration	On
Power Button	Power On Only

Navigate the Menu as follows
■ Menu > System > Power Control > Press ENTER

The displayed image may differ depending on the model.



Outdoor Display Unit I Operations Manual

14. Setting up the Display

Screen Adjustment

The display has several options for adjusting picture quality.

Please apply default standard settings as follows:

Backlight > 100

Brightness > 45

Contrast > 70

Sharpness > 50

Color Temp > 10000 K

You can adjust and store settings for each external device you have connected to an input on a product.

Lowering picture brightness can reduce power consumption.

Fan Settings

Fan Control

Please apply default standard settings as follows:

Fan Control > Auto

Fan Speed > 100

Not enabled when fan set to Auto

Outdoor Mode > Off

Picture

Backlight	100
Brightness	45
Contrast	70
Sharpness	50
Color Temperature	10000 K
Advanced Settings	
Picture Options	

Navigate the Menu as follows
■ Menu > Picture > Press ENTER

*** The displayed image may differ depending on the model.

Fan Settings

Fan Control	Auto
Fan Speed Setting	100
Outdoor Mode	On

Navigate the Menu as follows
■ MENU > System > Fan Settings > Press ENTER

*** The displayed image may differ depending on the model.

Auto Source Switching

Manually set source input.

Please apply default standard settings as follows:

Auto Source Switching > Off

Primary Source Recovery > Off

Primary Source > HDMI 1

Secondary Source > HDMI 2

Default Input > Last Input

Auto Source Switching

Auto Source Switching	Off
Primary Source Recovery	Off
Primary Source	HDMI 1
Secondary Source	HDMI 2
Default Input	Last Input

Navigate the Menu as follows
■ Menu > System > Auto Source Switching > Press ENTER

*** The displayed image may differ depending on the model.



Outdoor Display Unit | Operations Manual

14. Setting up the Display

Eco Solution

Eco Sensor -> On
-Min Backlight -> 20

Automatically adjust the picture brightness based on the ambient light level.

No Signal Power Off -> Off

Save power by turning the product off when no signal is received from any source.

This function does not operate if the display is in the standby mode.

The product will automatically power off at a specified time. The time can be changed as required.

Eco Solution

PowerSaving Mode	Off
Eco Sensor	On
- Minimum Backlight	20
Screen Lamp Schedule	Off
No Signal Power Off	Off
Auto Power Off	Off (Recommended)

Navigate the Menu as follows
■ Menu > System > Eco Solution > Press ENTER

*** The displayed image may differ depending on the model.

NOTE

The above settings are for new site display installs only. For replacement display brightness settings please refer to **Section 4.8**

Device ID

Set a unique ID number for each product: 1



Navigate the Menu as follows
■ HOME > ID Settings > Press ENTER

*** The displayed image may differ depending on the model.

Once installation steps are complete, Contact Coates Deployment & Support at (02) 8355 5918 for final Setup.

Support tickets can be submitted by emailing Support@coatesgroup.com

The displayed image may differ depending on the model.

