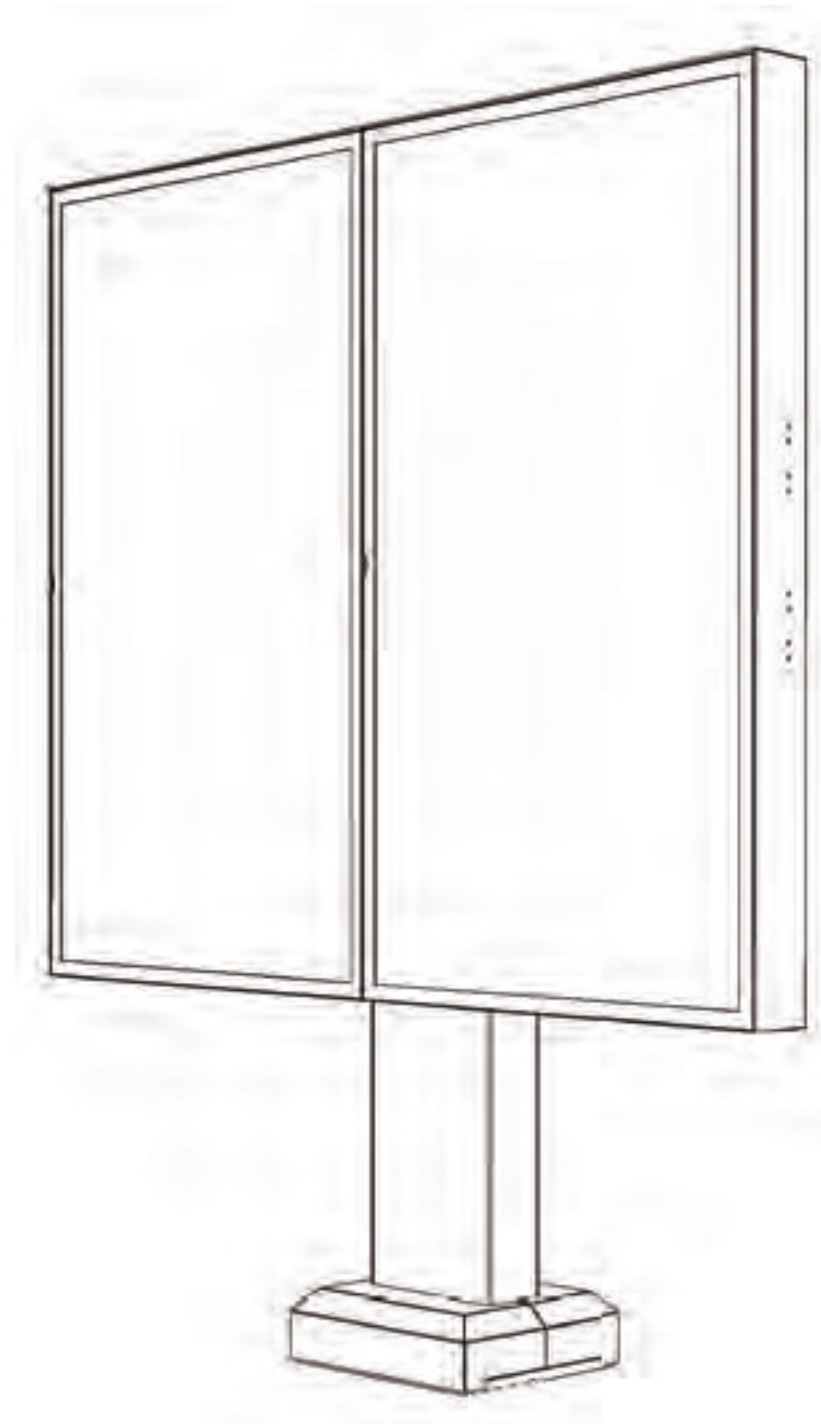




Outdoor Display Unit
CD-DDT-03-55-XD-Y

Outdoor Display Unit | Flatpack Site Assembly Manual

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Installer Tool List



1
Socket Set
(Size: 4mm~5mm)



2
Shifting Spanner
(Size: Small and Medium)



3
Phillips Head Screwdriver
(Size: No.1 & No.2)



4
Tamper proof torx bits (included)
(Size: T20 & T40)



5
Right angle driver bit holder
(included)



6
Plastic Mallet



7
Cable Ties
(Various Sizes)



8
Micro Fibre Cloth & Glass Cleaner



9
Masonry Drill Bit



10
Hammer Drill (Suitable for Masonry)



11
Electric Drill



12
Multimeter

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Electrician Tool List



1
Laptop



2
RJ-45 Crimping Tool



3
RJ-45 Cable Tester



4
Cable cutters/wire strippers



5
RJ-45 Heads/caps



6
3.0 or higher USB drive (8gb min./
32gb max.)



7
USB-C to ethernet cable
(Incase laptop doesn't have an ETH port)

Outdoor Display Unit | Flatpack Site Assembly Manual



1.0 Packaging Contents -Samsung Version

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.

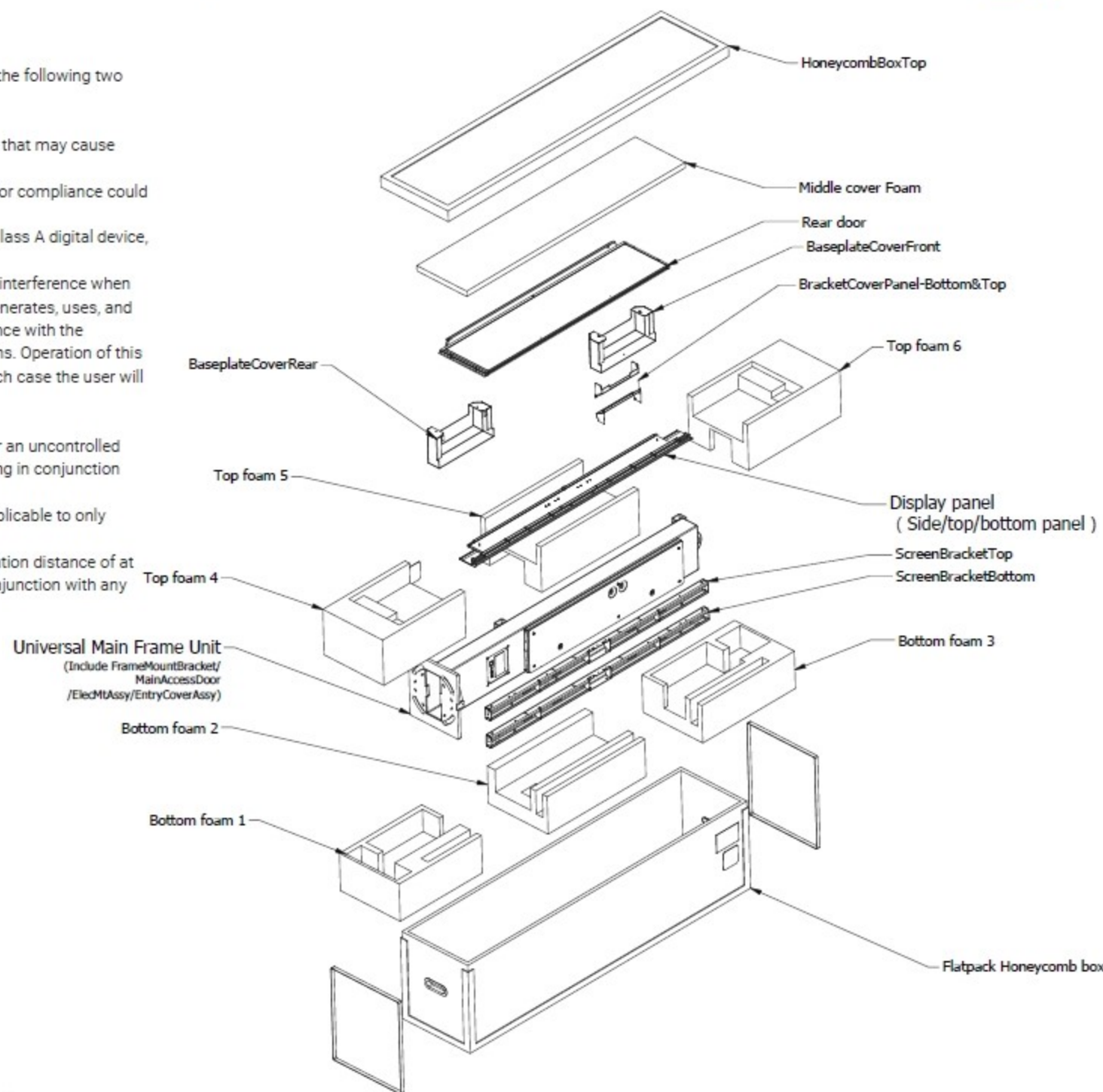
These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause 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 | Flatpack Site Assembly Manual



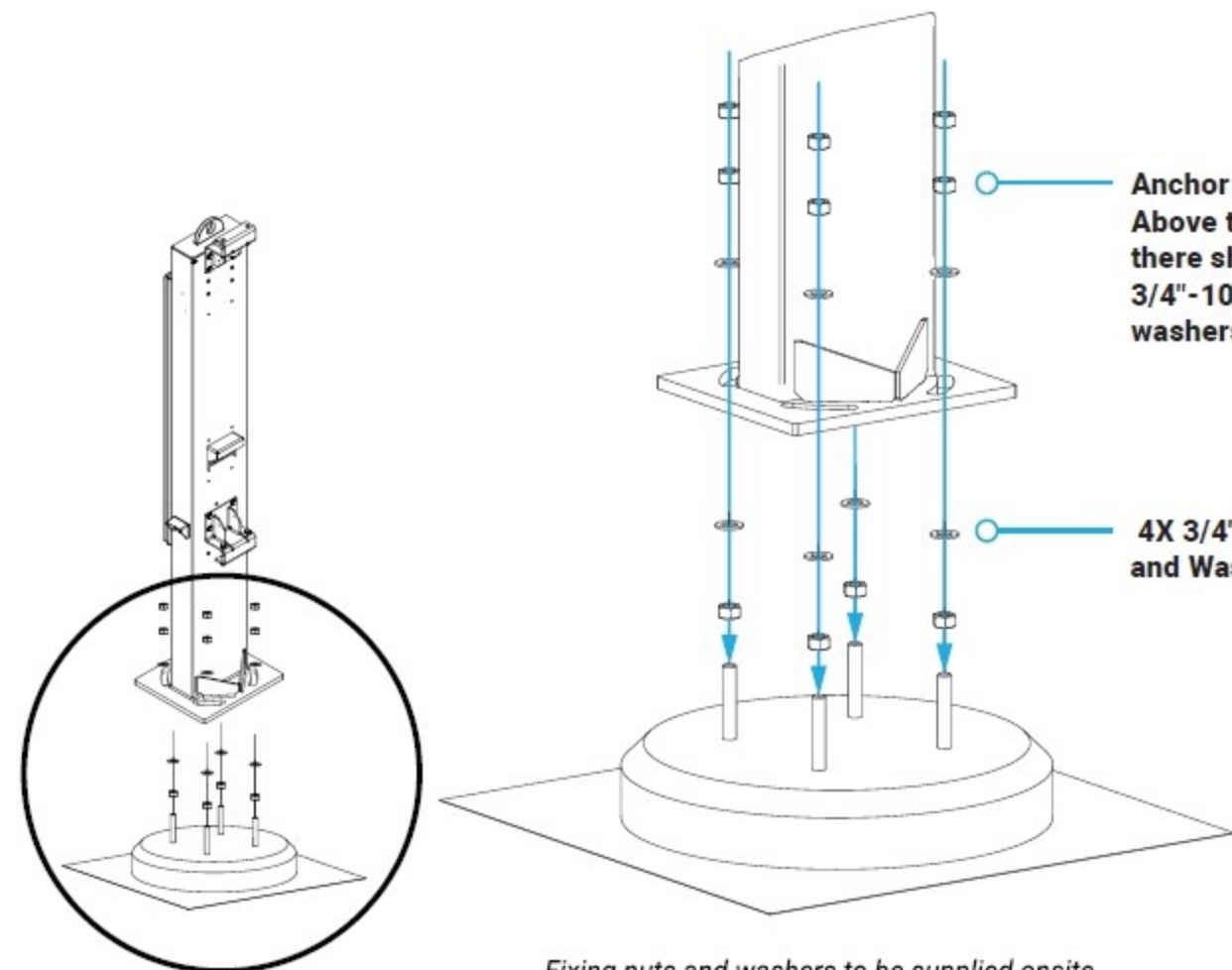
1.1 Footing Mounting

1.1

Install ODMB onto footing and adjust level / viewing angle in accordance to site layout specifications.

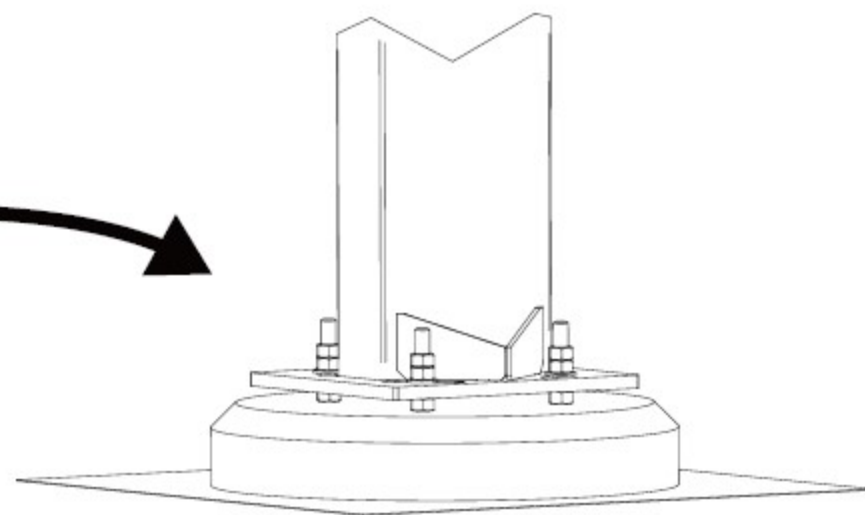
Once satisfactory, secure with fasteners.

+++ diagram may not be a true representation, please use as a guide only.



*Fixing nuts and washers to be supplied onsite
(Not supplied by Coates).*

Structural bolts shall meet ASTM A325 or equivalent and be zinc coated unless noted otherwise. Heavy hex nuts shall meet ASTM A563 or equivalent and washers shall meet ASTM F436 or equivalent when used with high strength bolts. All high strength bolts shall be tightened using turn of nut method unless noted otherwise.



- + Do not attempt in high wind
- + 2 person guide and drop required
- + Beware any potential crush risk.

NOTE

Process is the same for both single and double unit

Outdoor Display Unit | Flatpack Site Assembly Manual

1.2 Connecting Power

NOTE

Process is the same for both single and double unit



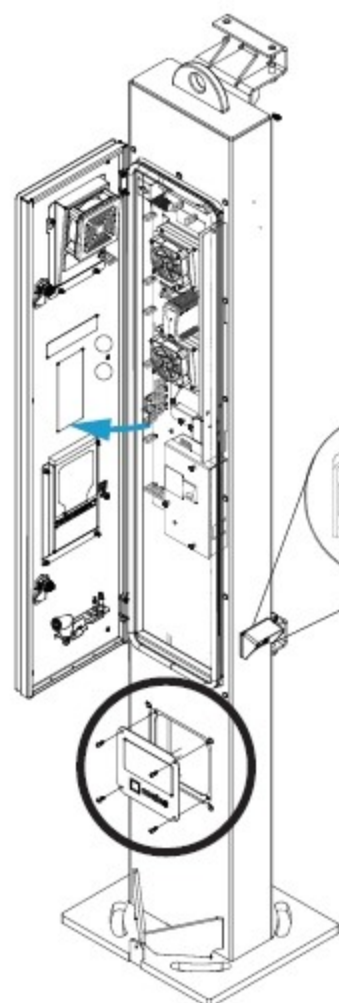
NOTE

Process is the same for both single and double unit

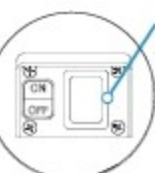
1.2.a

Open main access door at back of unit by unlocking 2x camlocks.

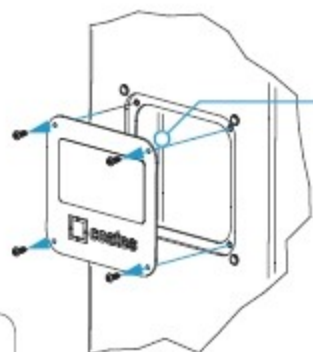
Remove cable access cover panel by unsecuring 4x fasteners and setting aside with cover.



External Switch



4x fasteners
+ access cover panel

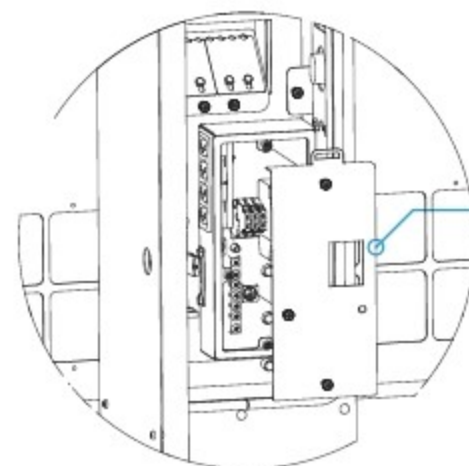


NOTE

Make sure the power from store to the board is OFF, and the circuit breaker and the external shut-off switch in the board are in OFF position.

1.2.b

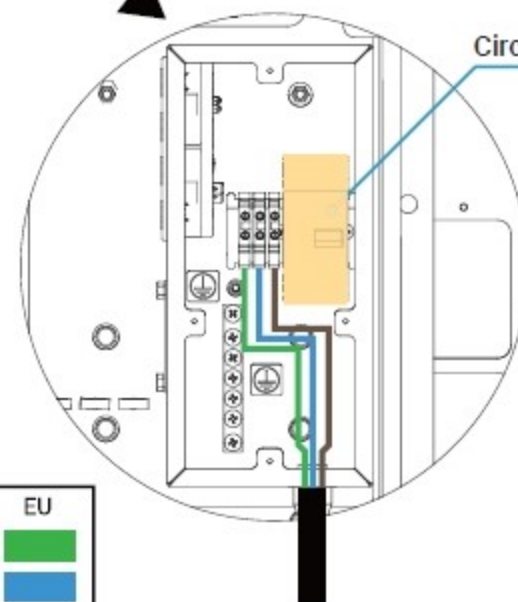
Remove AC cover panel by unsecuring 4x thumb screws. Set aside panel.



AC Cover panel

1.2.c

Connect AC power cables into relevant terminal blocks.



Circuit breaker



WARNING

Only to be performed by a qualified electrician

	USA	EU
Earth		
Neutral		
Live		

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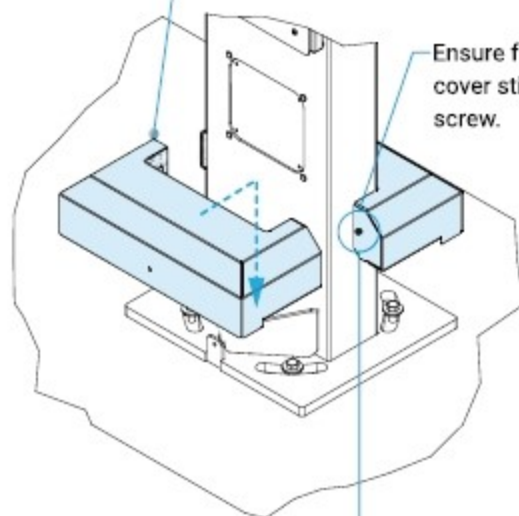
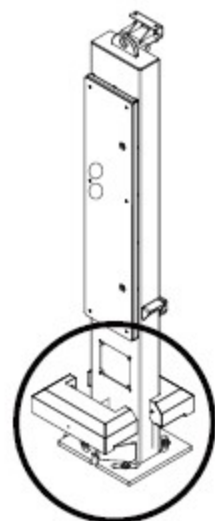


1.3 Re-Installing Baseplate Covers

1.3.a

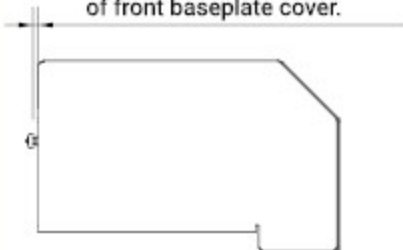
Secure both baseplate covers together through keyhole fastening.

Ensure front baseplate cover still has philips head screw.



3mm

- Gap between screw and face of front baseplate cover.

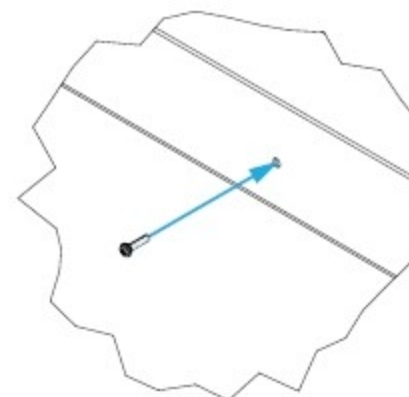
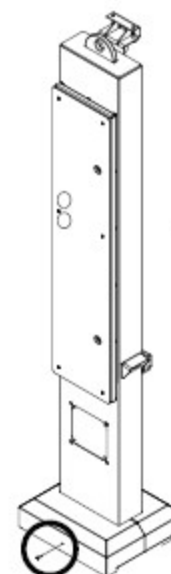


1.3.b

Secure rear baseplate cover to pillar with M4 x 16 phillips screw.

Torque Specifications

2.0 N-m
(1.5 ft-lb)



NOTE

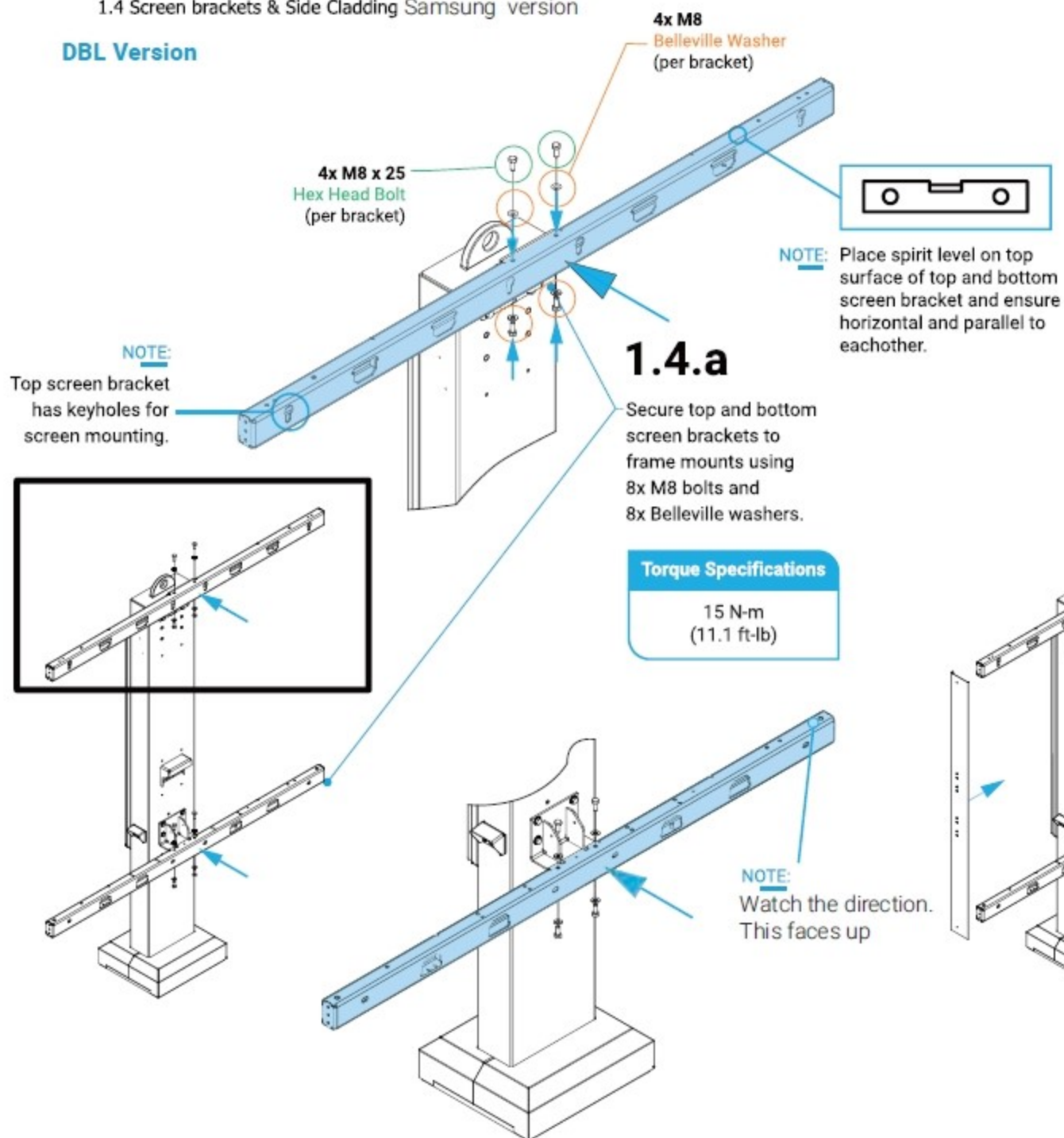
Process is the same for both single and double unit

Outdoor Display Unit | Flatpack Site Assembly Manual

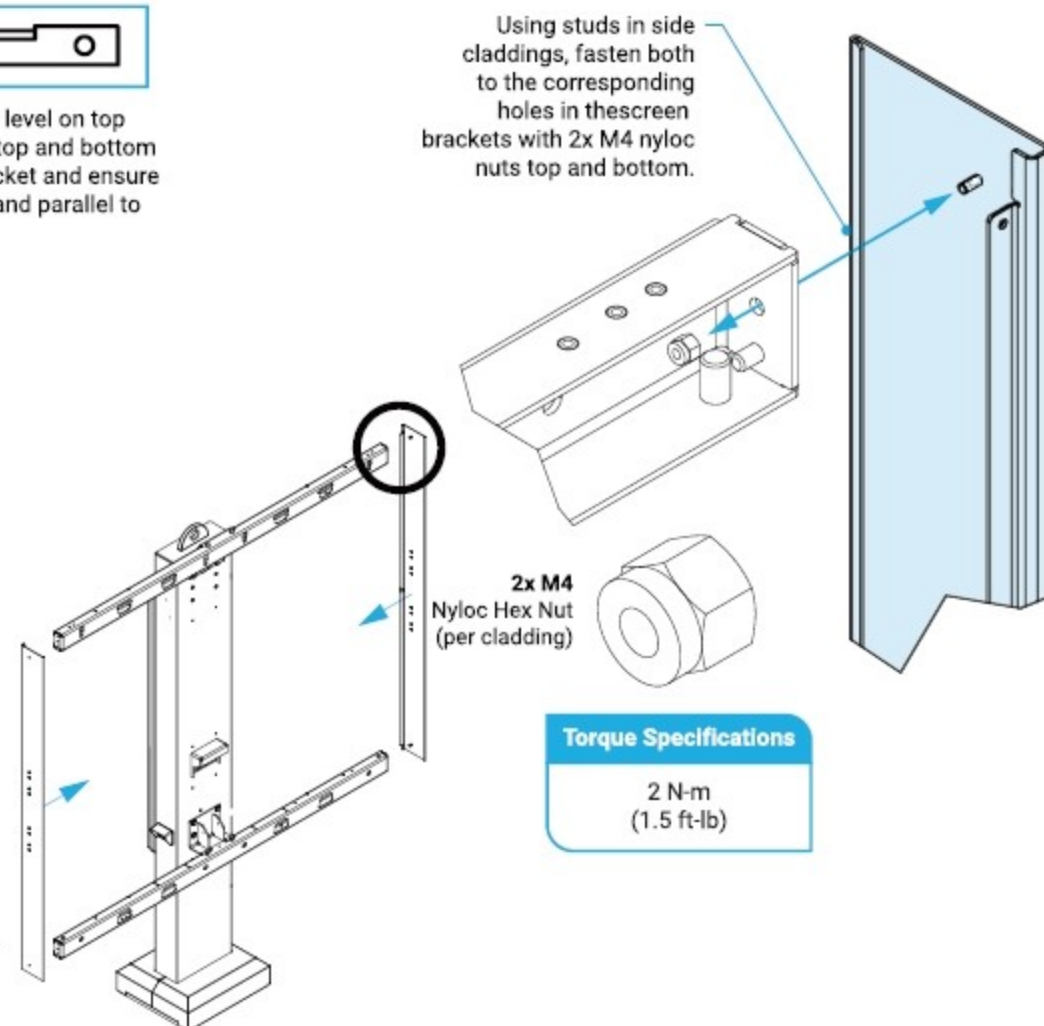


1.4 Screen brackets & Side Cladding Samsung version

DBL Version

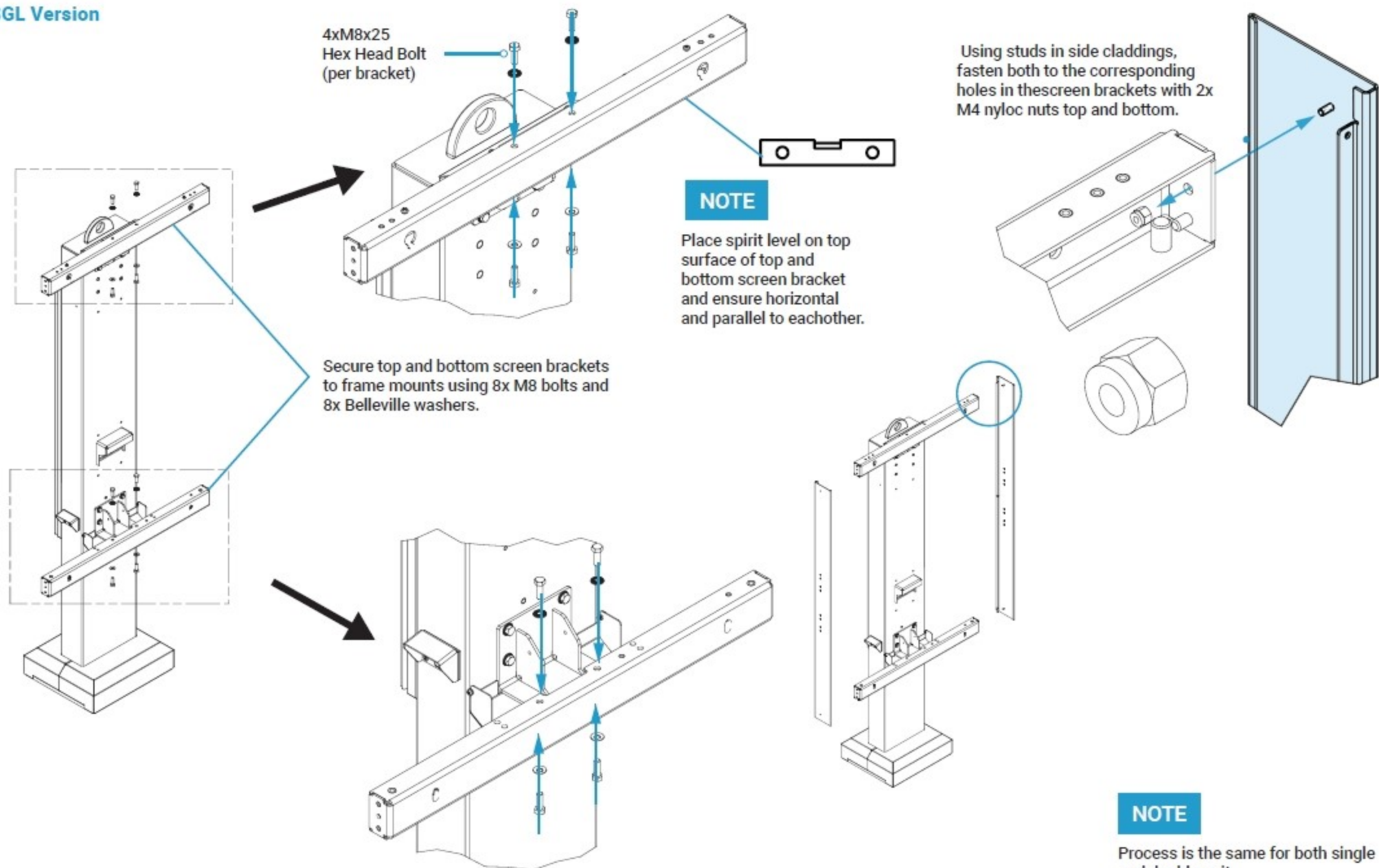


1.4.b



Outdoor Display Unit | Flatpack Site Assembly Manual

SGL Version

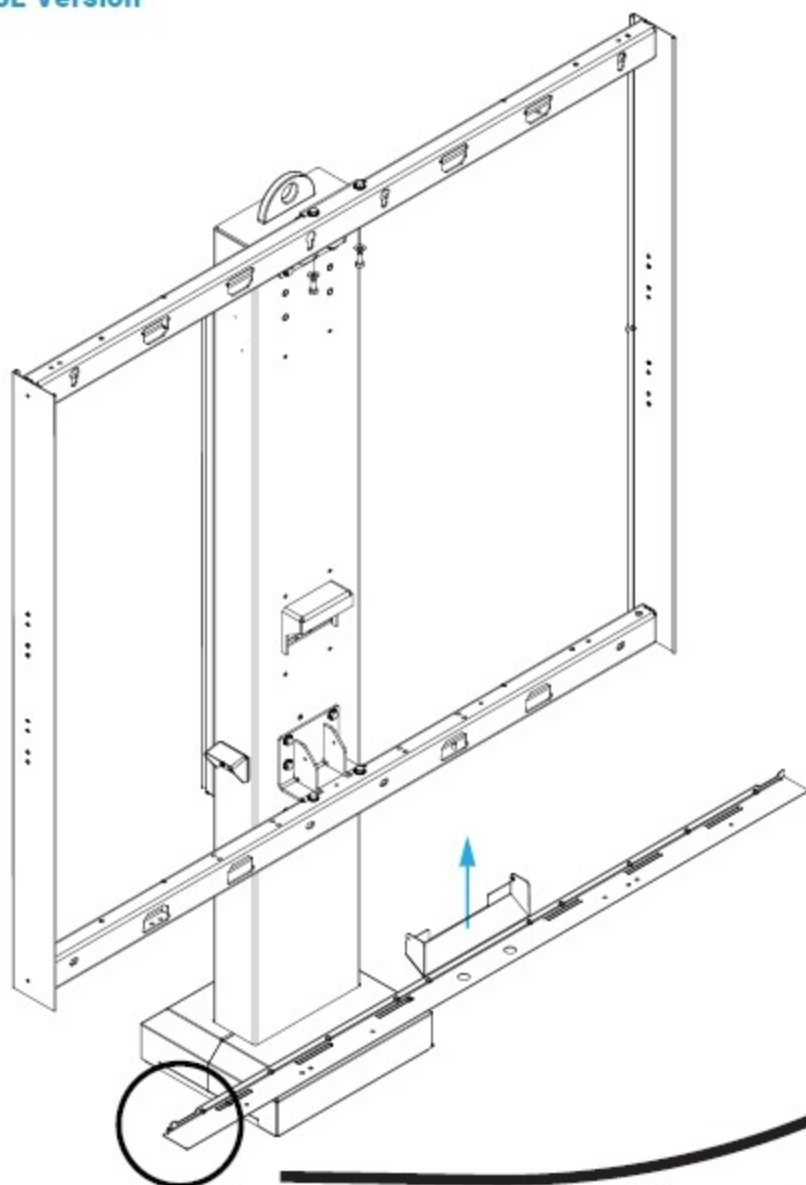


Outdoor Display Unit | Flatpack Site Assembly Manual



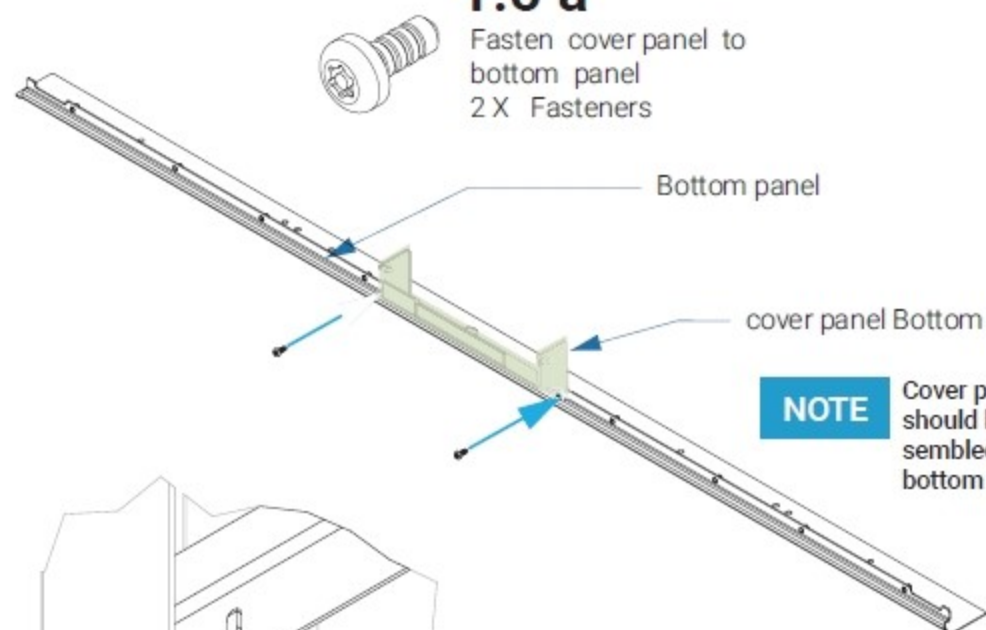
1.5 Bottom Cladding Samsung version

DBL Version



1.5 a

Fasten cover panel to
bottom panel
2 X Fasteners

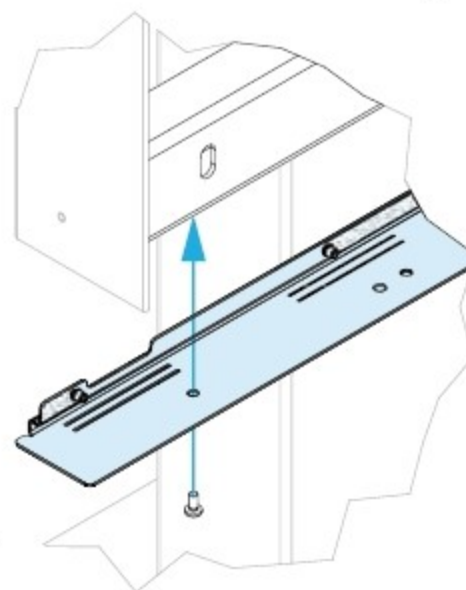


NOTE

Cover panel bottom
should be preassembled on the
bottom panel

1.5 b

Fasten bottom cladding
to bottom screen
bracket using
2x Phillips screws.



2x M5 x 10
Phillips head screw
(per cladding)

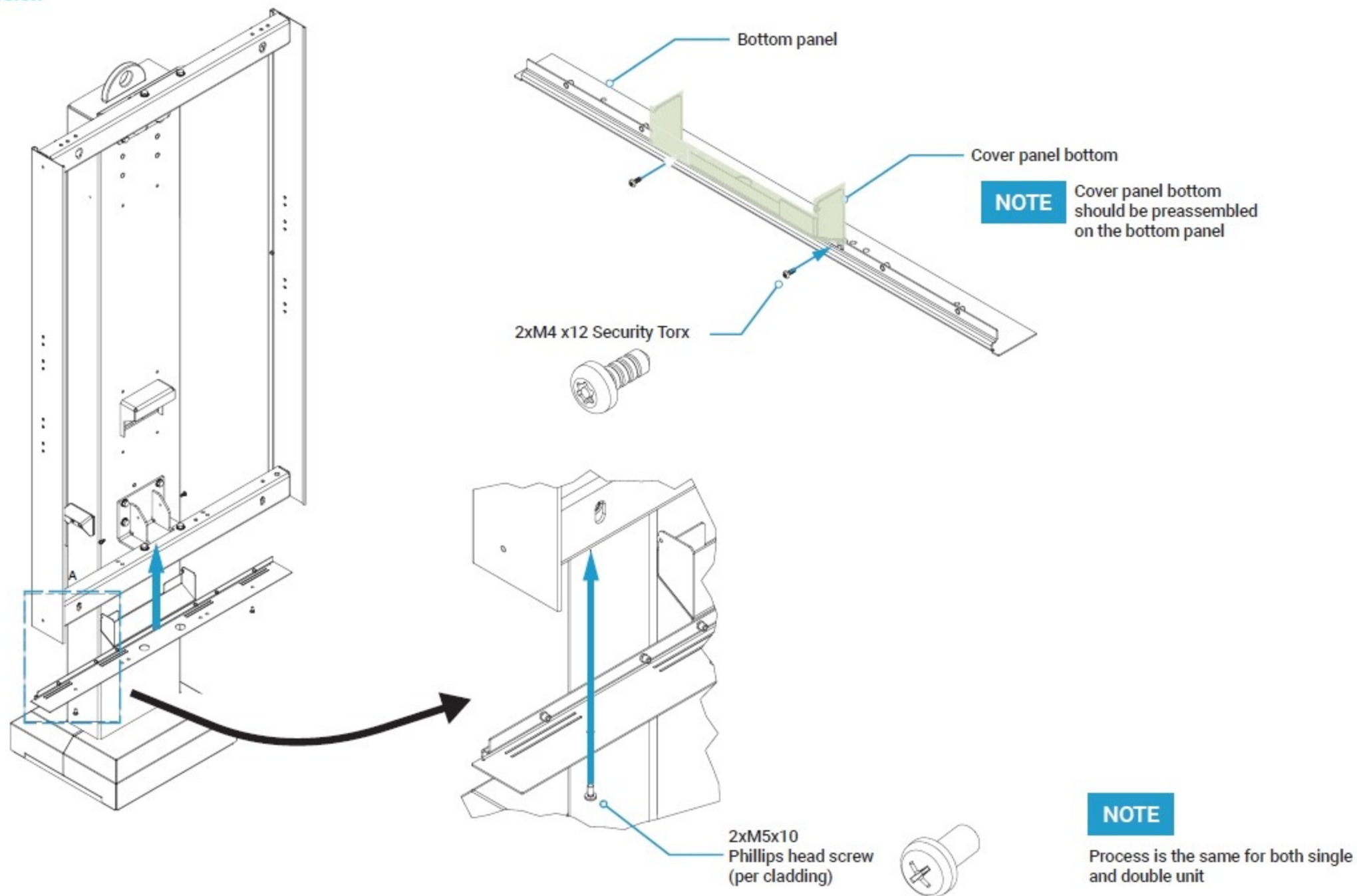


Torque Specifications

3.0 N-m
(2.2 ft-lb)

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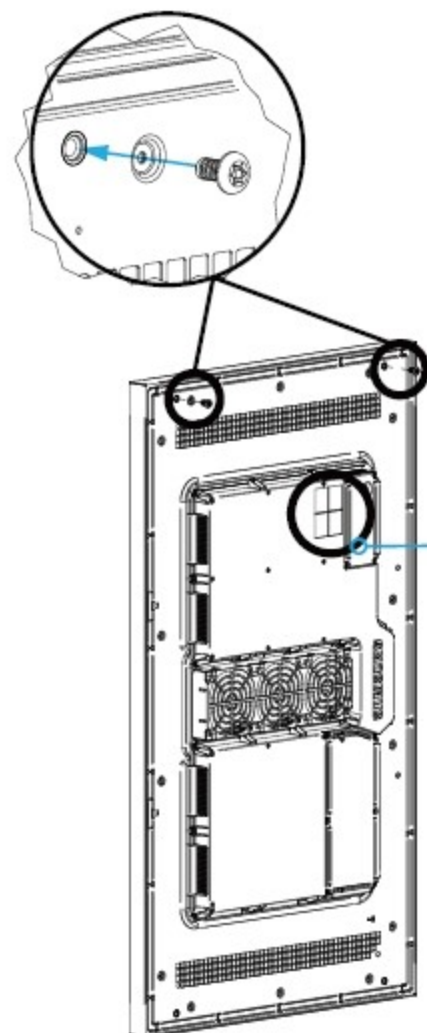
SGL Version





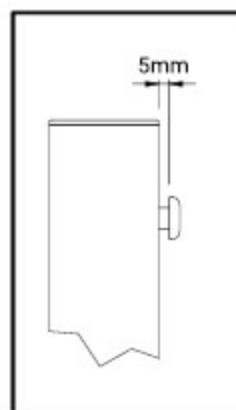
Outdoor Display Unit | Flatpack Site Assembly Manual

DBL Version



1.6.a

Prepare displays by placing 2x M8 torx fasteners to top of screen as shown in diagram below. Ensure to leave 5mm gap.



NOTE:

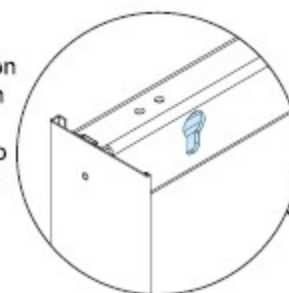
Record monitor serial number before installing panels

NOTE

See cabling diagrams (Appendix A) for all cabling.

1.6.b

Lift and drop screen (2 person lift required) onto unit screen brackets using fasteners partially screwed in screen to lock into keyhole opening as shown in diagram. Once in place, tighten fasteners.

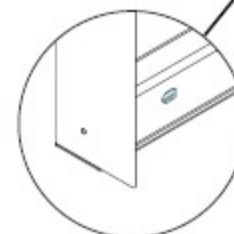


Torque Specifications

1.18 - 1.77 N-m
(0.87 - 1.37 ft-lb)

1.6.c

Once screen is in place, fully secure by fastening the screen with 2x torx fasteners through the bottom screen bracket slots.



NOTE

Screen install process is the same for both single and double unit

Outdoor Display Unit | Flatpack Site Assembly Manual

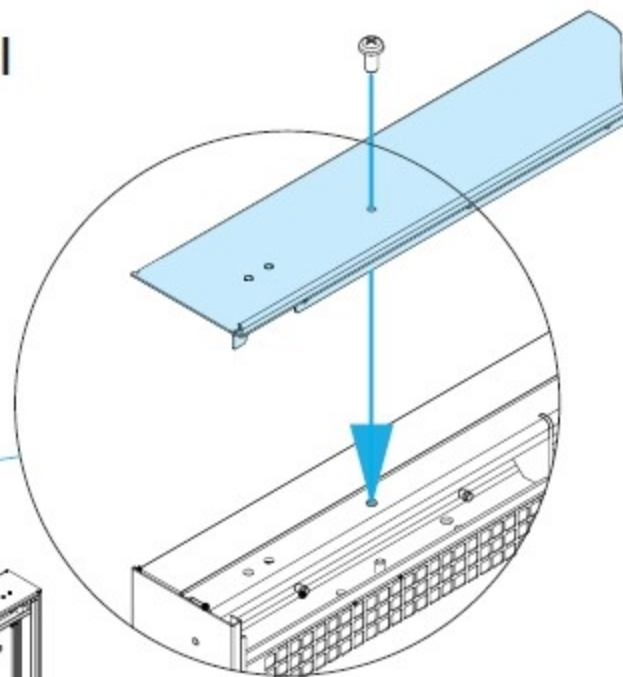
1.7 Top Cladding Install Samsung version

DBL Version



1.7A

Fasten top cladding to top screen bracket using 2x Phillips screws.



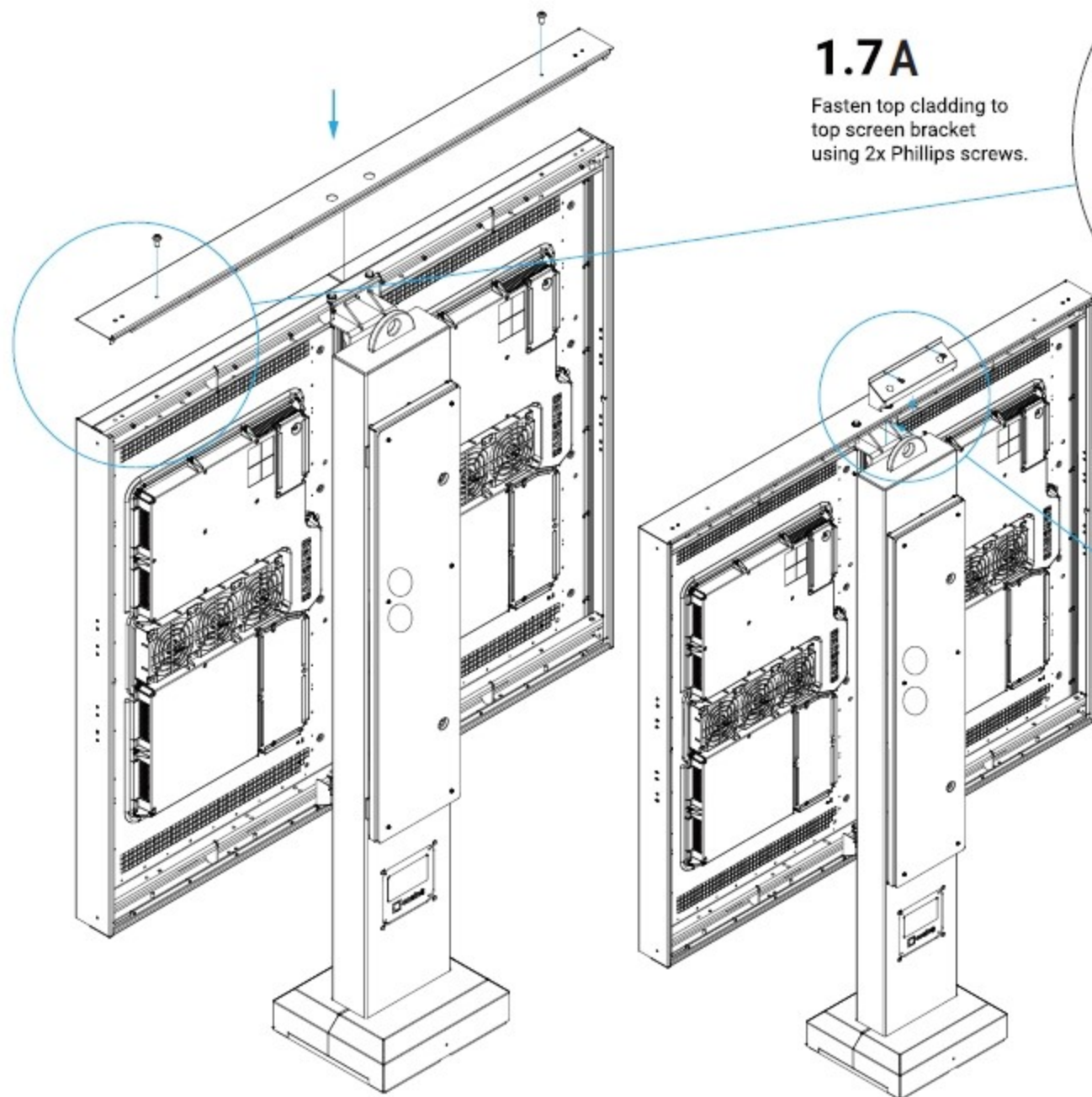
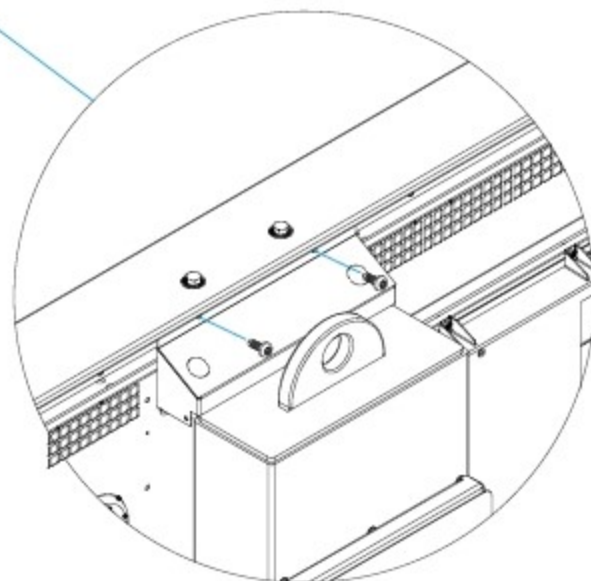
2x M5 x 10
Phillips head screw
(per cladding)

Torque Specifications

3.0 N-m
(2.2 ft-lb)

1.7B

Fasten top cover panel using 2 X screws

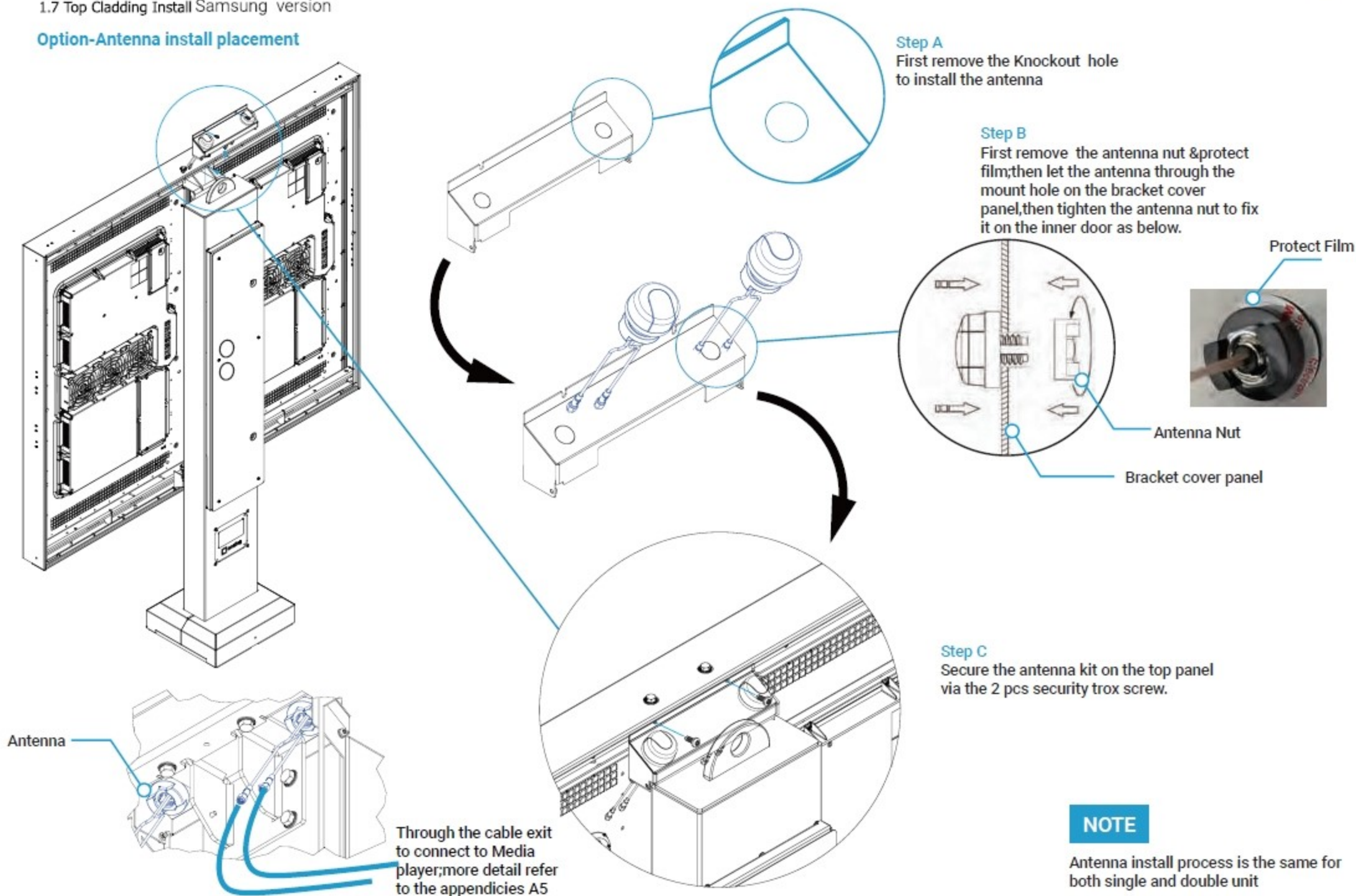


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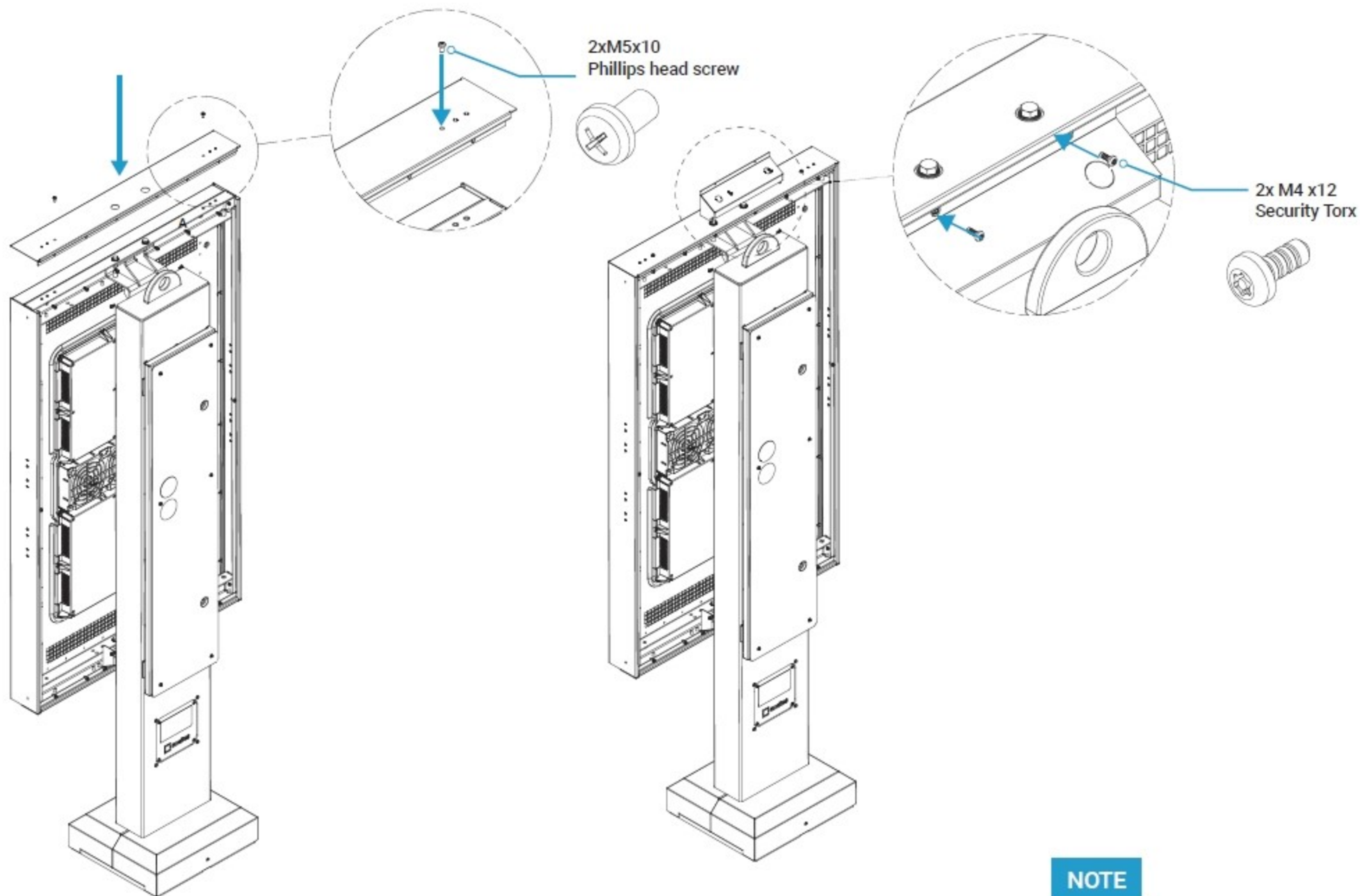
1.7 Top Cladding Install Samsung version

Option-Antenna install placement



Outdoor Display Unit | Flatpack Site Assembly Manual

SGL Version



NOTE

Process is the same for both single and double unit

Outdoor Display Unit | Flatpack Site Assembly Manual

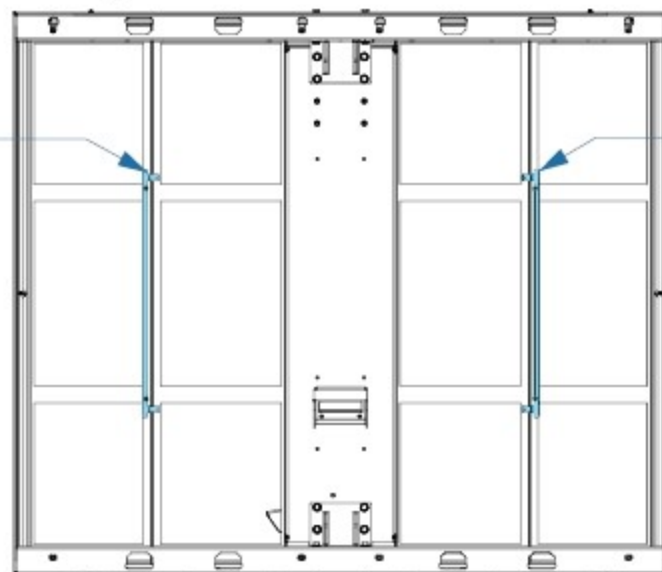
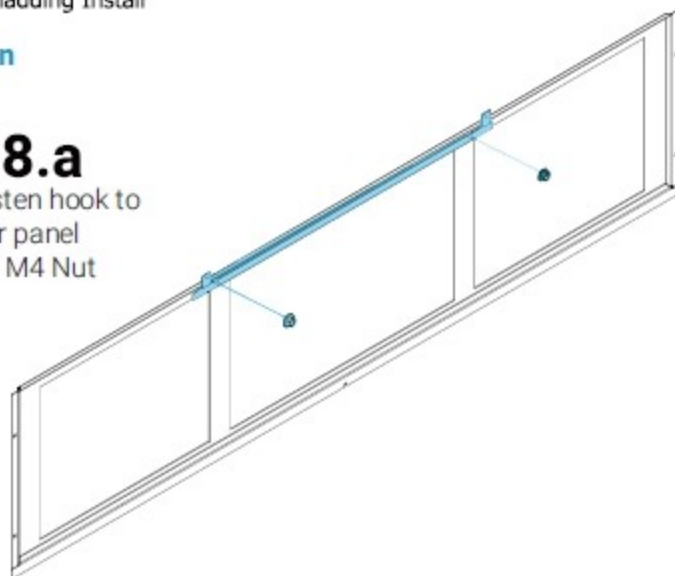


1.8 Rear Cladding Install

DBL Version

1.8.a

Fasten hook to rear panel
2 X M4 Nut



left hook

Right hook

Displays are hidden in this view

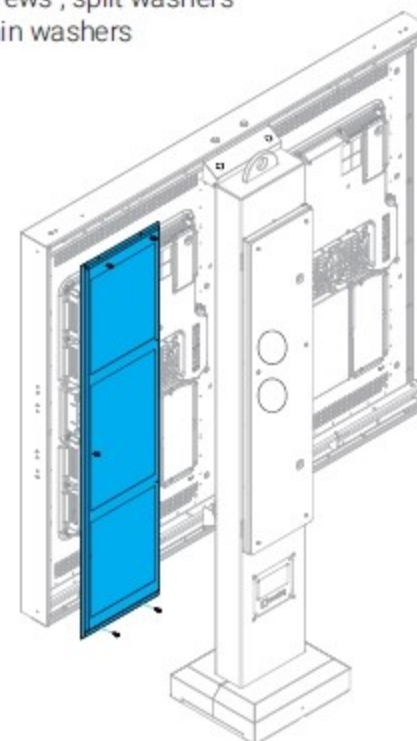
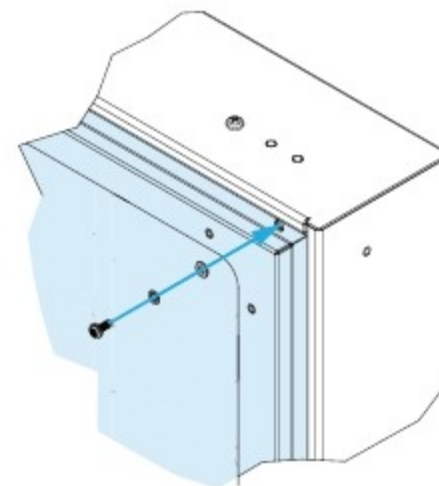


Torque Specifications

2.0 N-m
(1.5 ft-lb)

1.8.b

Fasten left rear panel to unit using 4XM4 security torx screws , split washers and plain washers



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1.8 Rear Cladding Install

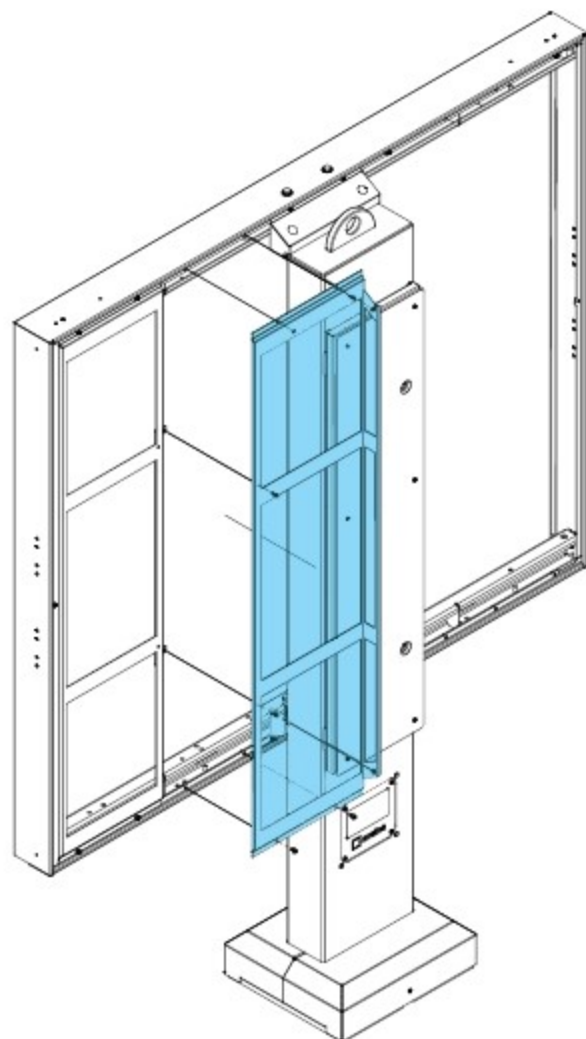
DBL Version

Torque Specifications

2.0 N-m
(1.5 ft-lb)

1.8.C

Fasten second rear panel to unit using 8XM4 security torx screws, split washers and plain washers



Displays are hidden in this view

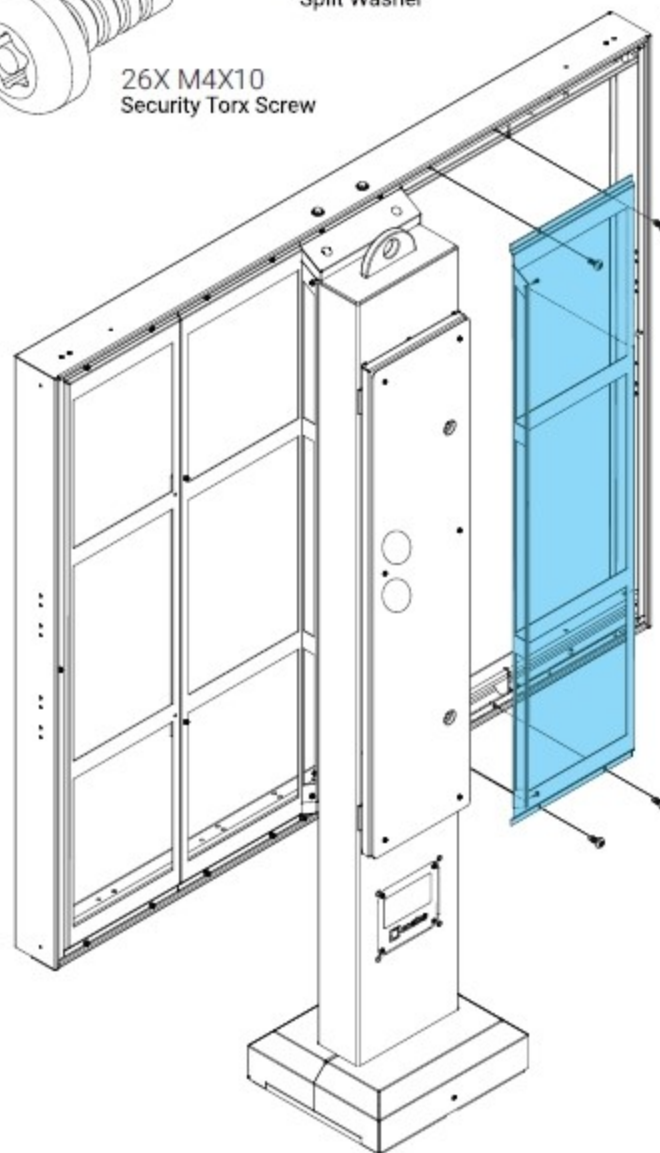


Torque Specifications

2.0 N-m
(1.5 ft-lb)

1.8.D

Fasten Third rear panel to unit using 6XM4 security torx screws, split washers and plain washers



Displays are hidden in this view

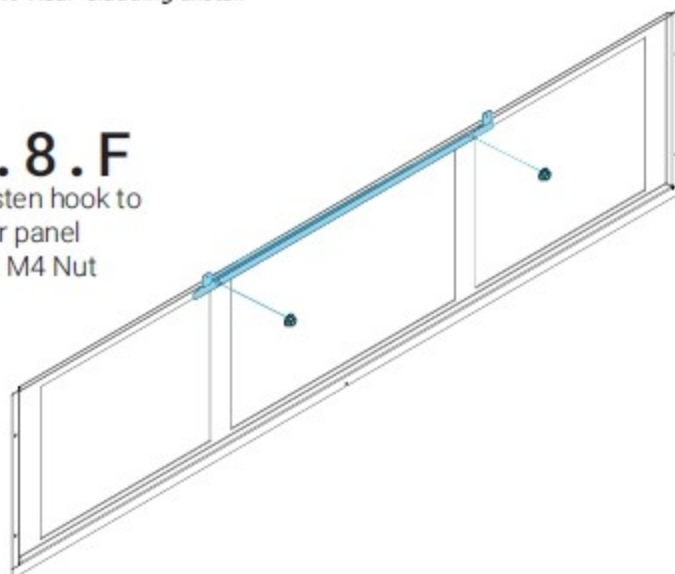
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1.8 Rear Cladding Install

1.8.F

Fasten hook to rear panel
2 X M4 Nut

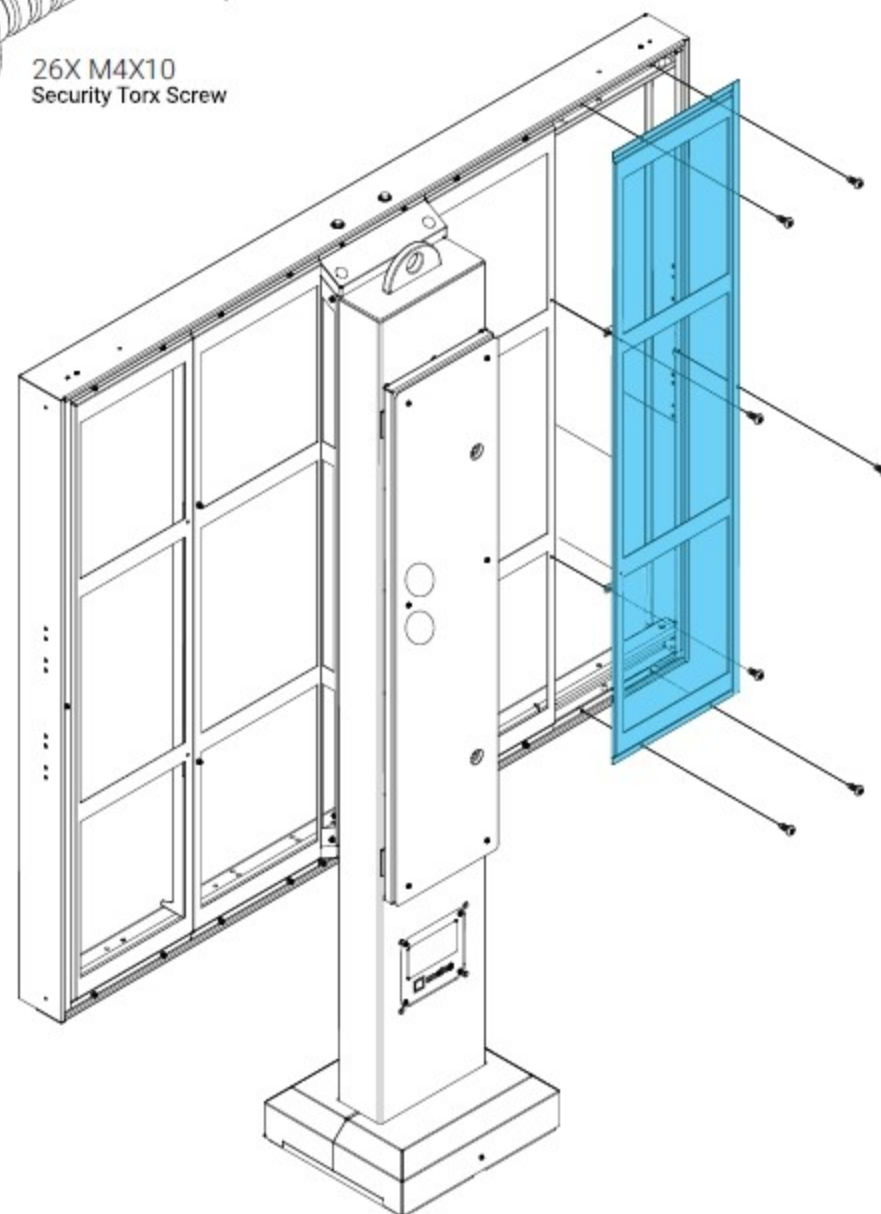


Torque Specifications

2.0 N-m
(1.5 ft-lb)

1.8.G

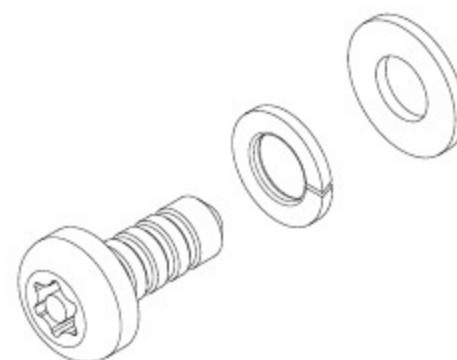
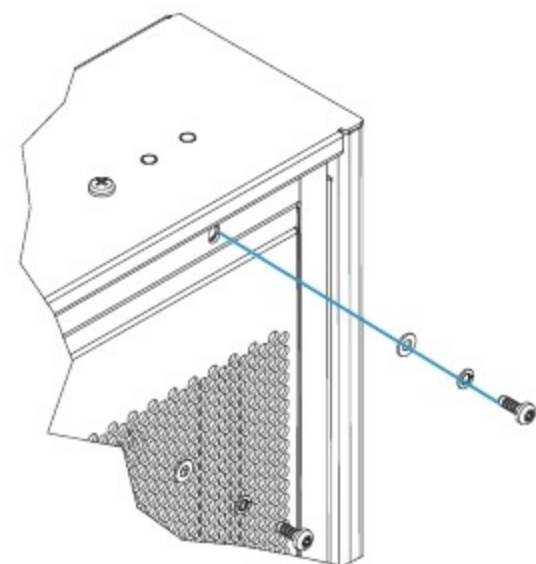
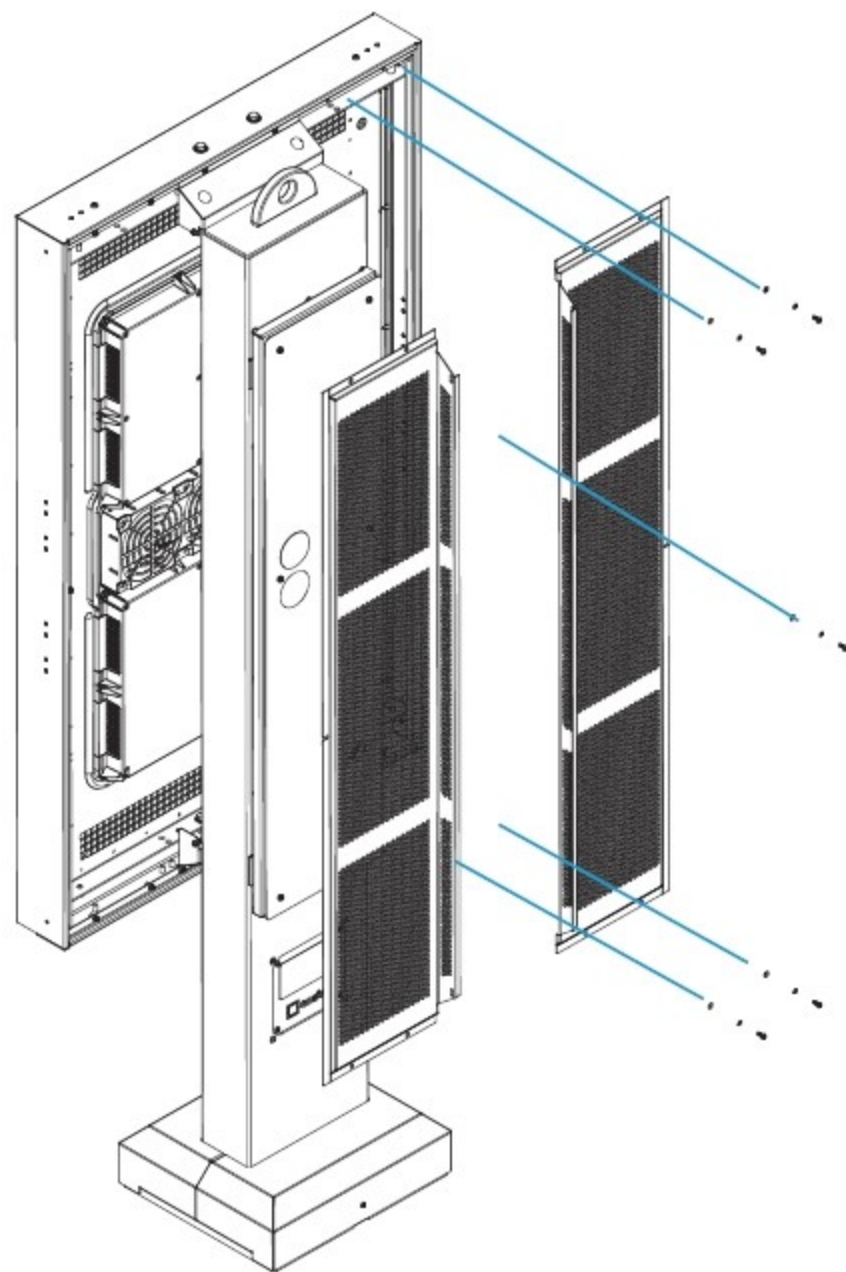
Fasten fourth rear panel to unit using 7XM4 security torx screws, split washers and plain washers



Displays are hidden in this view

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SGL Version



10xM4 Security torx

NOTE

Process is the same for both single and double unit

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1.9 Media Player; PSU; Antenna Install

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.

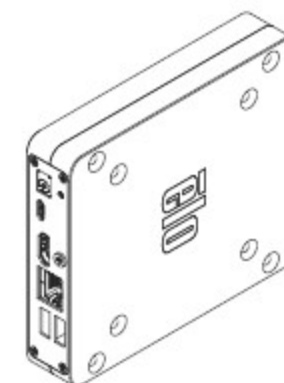
Frequent power interruptions can cause damage to the media player for which Coates will not be responsible.

MP bracket

M4x35
Phillips Countersunk Screw

1.9.b

Secured the ELO MP to MP bracket via the top 2pcs screws;
MP install direction as below.



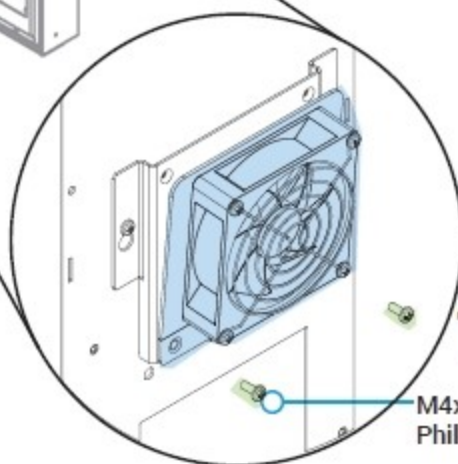
NOTE

Process is the same for both single and double unit

1.9.a

First ;Unscrew these 2pcs screws for temporary fixing the fan kit.
then we can remove the DC fan kit.

M4x10; 2 pcs
Phillips Flange Pan HeadScrew



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1.9 Media Player; PSU; Antenna Install

1.9.e

PSU kit slide into slot as above path, then secured it via the screw.

Media Player PSU
(Only for double unit)

Fan Kit

M4x35 Phillips
Countersunk Screw

1.9.d

Place the PSU to PSU bracket as above, secured the upper PSU via HOOK&LOOP

PSU Install

NOTE

Process is the same for both single and double unit

PSU Din rail

(Only for double unit)

Phoenix PSU

1.9.f

Phoenix PSU simply snap or slide into place on the Din rail

Upper; to DC fan

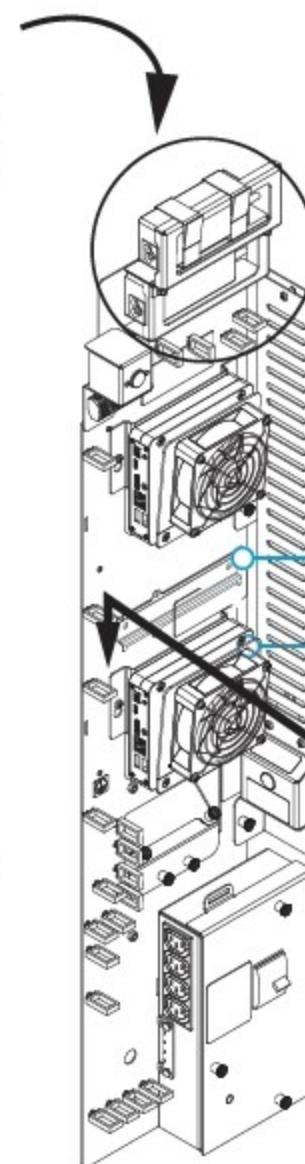
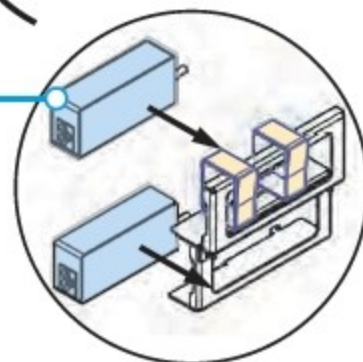
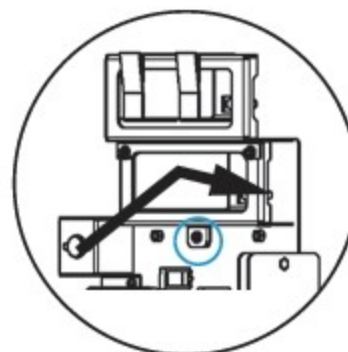
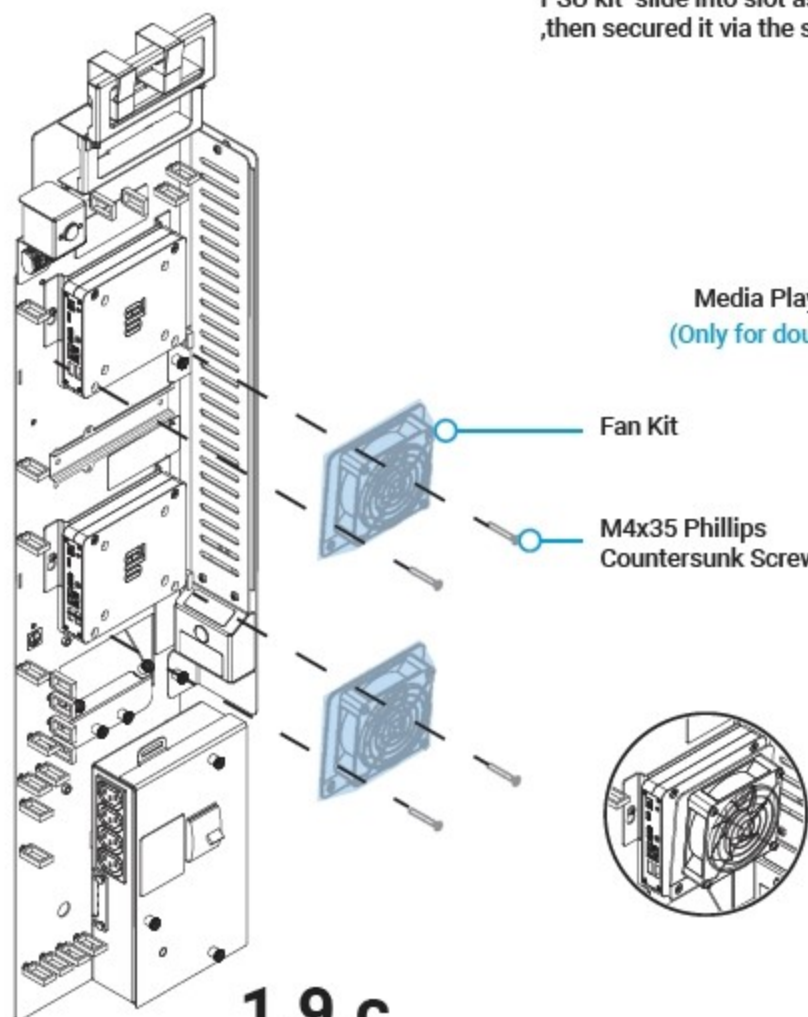
Bottom; to Outlet

1.9.c

Place the fan kit on the ELO MP, then secured it via the bottom 2pcs screws

NOTE

please ensure the PSU install direction as below; and before installing the PSU to the din rail bracket, wire AC wire and DC wire to the PSU.



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1.9 Meida Player; PSU; Antenna Install

Antenna Install

1.9.i

First remove the antenna nut & protect film; then let the antenna through the mount hole on the inner door, then tighten the antenna nut to fix it on the inner door as below.

1.9.h

Then remove the hole plug on the inner door via screwdriver

Only for double unit

MainAccess-Door-inner

DoorSolar

Recommended torque for Mounting is 24.5N-m
Maximum torque for mounting is 29.4N-m

NOTE

See Cabling Diagrams (Appendix A.3) for connecting antenna cables to media players

NOTE

Process is the same for both single and double unit

