Two75

Dual 75" Display Chassis – Camera Above

Assembly Guide

Two75 - Dual 75" Display Chassis – Camera Above.
Assembly Guide

Ashton Bentley

Please read before proceeding.

Before proceeding with assembly, connection, and operation, please ensure that you read this document fully, and any additional documentation that may be included with the product.

Please keep this Assembly Guide for future reference.

We have tried to make this Assembly Guide as simple as possible to follow, however we are always keen to improve. So if you find anything that is not clear or inaccurate, please let us know by sending your suggestions to: support@ashtonbentley.com.

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Patent Information
The accompanying product is protected by one or more UK, EU, US, and foreign patents and/or pending patent applications held by Ashton Bentley Trading Limited.

www.ashtonbentley.com
23 Schooner Court, Crossways Business Park, Dartford, DA2 6NW, United Kingdom.

1. Important Safety Information

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Important safety information.

General
The following information and precautions should always be followed to reduce the risk of damage or injury. If in any doubt about installation, operation or maintenance please contact your vendor or Ashton Bentley.

• Follow all warnings and instructions in this document and marked on the equipment.
• Allow plenty of space in the construction area.
• Only operate the system indoors, in a dry environment.
• Always use suitable cable management or install cables under a raised floor to avoid trip hazards.
• Do not block or cover any vents on the products.

Displays, Chassis and Tables.
As some parts are large and heavy, we recommend a two-person assembly.
If tethering a Chassis to a wall using the suppled Ashton Bentley Wall Brackets, ensure the wall is solid, stable, and that suitable fixings (not provided) are used.

Recommendations and warnings.

Symbols are used where extra attention is required. For example, if an item is heavy and requires a minimum number of personnel.

X2/3	⚠ HEAVY	🍷 FRAGILE

Electrical.
If the incoming mains electrical feed is unstable or prone to transient input voltage spikes of more than 1KV, we recommend the use of a surge protector connected to the power input cable.

If any of the following are noticed, then do not use the product until everything is back to a fully safe state:

• Damaged power cables, plugs, power supplies/adapters, extension cords or surge protectors

• Signs of overheating, such as smoke, sparks, or fire.

• Signs of liquid ingress or an object that has fallen onto the electronic elements of the product, the power cable, or the power supply/adapter.

Note:
Never wrap a power cable around a power supply/adapter or other object. Always route power cables so that they will not be walked on, tripped over, or pinched by objects.

Do not use any power supply/adapter that shows corrosion at the ac input pins or shows signs of overheating (such as deformed plastic).

The power cable and supply/adapter provided with this product are intended to be used with this product only. Do not use them with any other products. The use of 3rd party power supplies/adaptors will invalidate the warranty.

Do not use the system, disconnect any cables, perform installation, maintenance, or reconfiguration of this product during an electrical storm.

Any product not supplied by Ashton Bentley should not be used if any of the above or other faults are experienced. Immediately disconnect from the Ashton Bentley product, along with the power supply and contact the product manufacturer for further instructions, or until a suitable replacement can be made.

2. Product Components

Display(s) are not supplied with the chassis, they must be ordered separately.
If supplied by Ashton Bentley each display is shipped in its own box, clearly marked.

Product Components.

The product is supplied in one or more boxes. The contents, with Box ID, are listed below.

Please note anything missing and report back to you supplier.

Large Universal Floor-to-Wall Chassis

1x	Large Universal Floor-to-Wall Chassis - Left Chassis Assembly	810-00272
1x	Large Universal Floor-to-Wall Chassis - Right Chassis Assembly	810-00273

Large Universal Floor-to-Wall Chassis - Display Rails

1x	Large Universal Floor-to-Wall Chassis - Top Horizontal Bar	430-00724
1x	Large Universal Floor-to-Wall Chassis - Bottom Horizontal Bar	430-00725

Large Universal Chassis - PET Acoustic Front Covers

1x	Large Universal Chassis - PET Acoustic Front Cover Assembly (Right)	810-00314
1x	Large Universal Chassis - PET Acoustic Front Cover Assembly (Left)	810-00313

Large Universal Chassis - Chassis Accessories / Cables

1x	55-65 Floor-to-Wall Chassis - AB Equipment Bracket	430-00538
1x	55-65 Floor-to-Wall Chassis - Wall Bracket	430-00541
1x	55-65 Floor-to-Wall Chassis - Top Shelf	430-00545
1x	IEC C13 to UK plug - 3m - Power Input Cable	115-00069
1x	IEC C13 (Black) to IEC C14 (Black) - Cable - 1.5m	115-00074
1x	IEC C13 (Black) to IEC C14 (Black) - Cable - 0.5m	115-00073
1x	HDMI to HDMI - Cable - 2m - Black	115-00067

Dual65" Display Mounting Kit

1x	VESA Display Fixings Pack	820-00036

Each box will have a label attached that identifies what it contains, plus some additional information. Some labels have more details than others depending on contents.

A sample label looks like this:
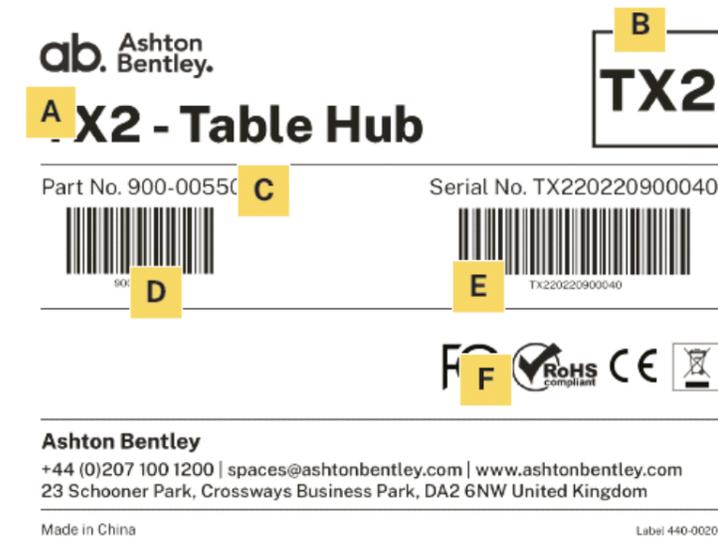
A: Product Description
B: Box ID
C: Part Number
D: Part Number Barcode
E: Serial Number Barcode (if applicable)
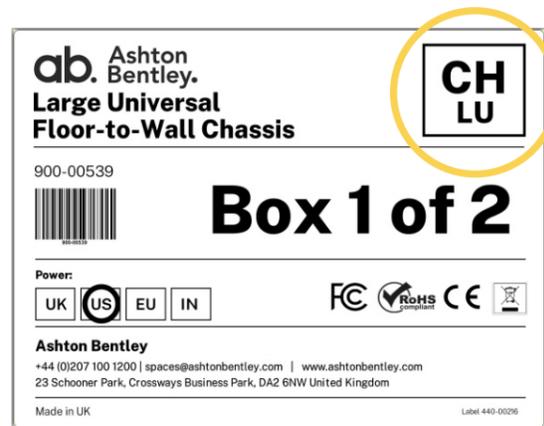F: Compliance & Conformity

3. How to use this Assembly Guide

Two75 - Dual 75" Display Chassis – Camera Above.
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## How to use this Assembly Guide.

Product Components
The product is supplied in several boxes. Each box has a label that contains information about the contents and a Box ID which can be located as shown below:

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Large Universal Floor-to-Wall Chassis

CH LU

900-00539

Box 1 of 2

Power:
UK US EU IN

FC RoHS compliant CE

Ashton Bentley
+44 (0)207 100 1200 | spaces@ashtonbentley.com | www.ashtonbentley.com
23 Schooner Park, Crossways Business Park, DA2 6NW United Kingdom

Made in UK
Label 440-00216

Box ID
Box ID is referenced in the instructions so you can locate the parts required at that point of assembly.

For example, in the instructions:

CH LU

1

FLOOR-TO-WALL CHASSIS
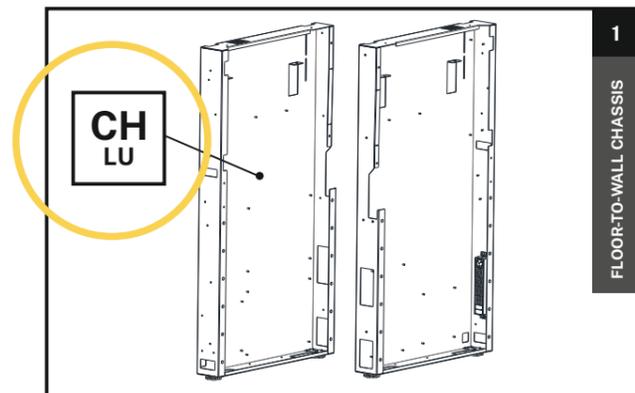
AB Knobs
The product is assembled using AB Knobs that are designed to be tightened by hand. Always ensure all knobs are secure before proceeding to the next step.

Some parts require particular attention, and these are indicated as follows:

Important instruction
The following symbols show the correct procedure.

Incorrect ✗

Correct ✓

4. Pre-Installation

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Notes.

Make sure the work area is clear and safe. Wear any appropriate PPE.

Check if any items are heavy and require more personnel.

If using any power tools, follow all safety protocols.

If integrating with any other manufactures products make sure that these are set-up according to the manufacturer's instructions.

Ensure that any local electrical codes are followed.

Floor Grommet Placement Dimensions.

Floor to wall chassis (shown with Dual 75" Displays)
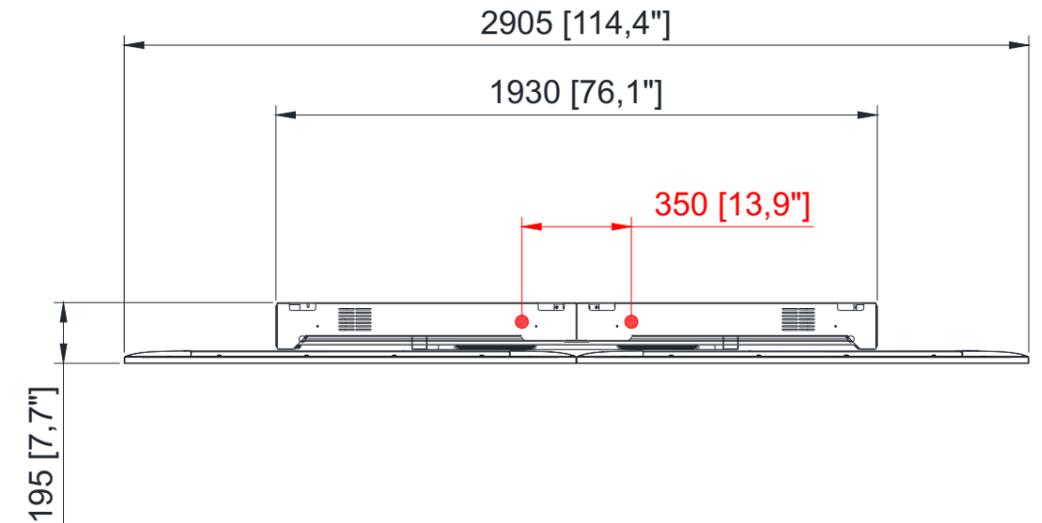
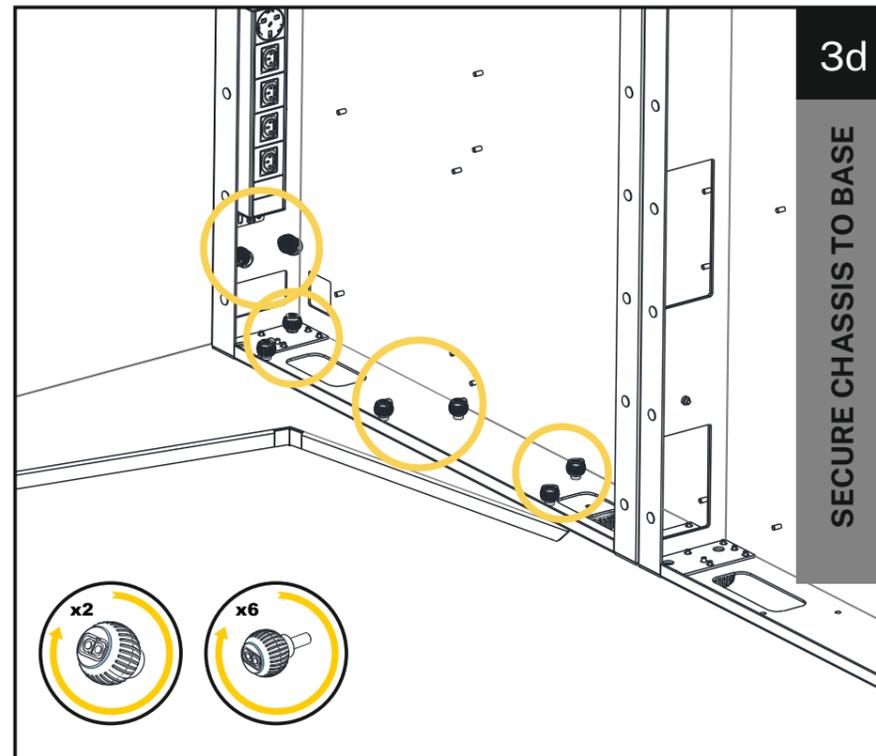Chassis with Freestanding Base (shown with Dual 75" Displays)
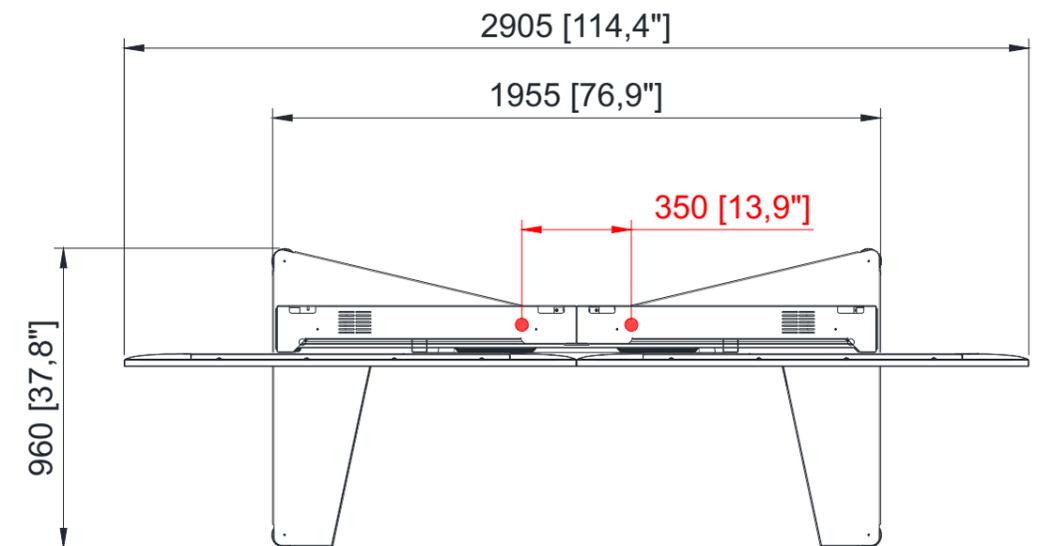
5. Chassis Assembly
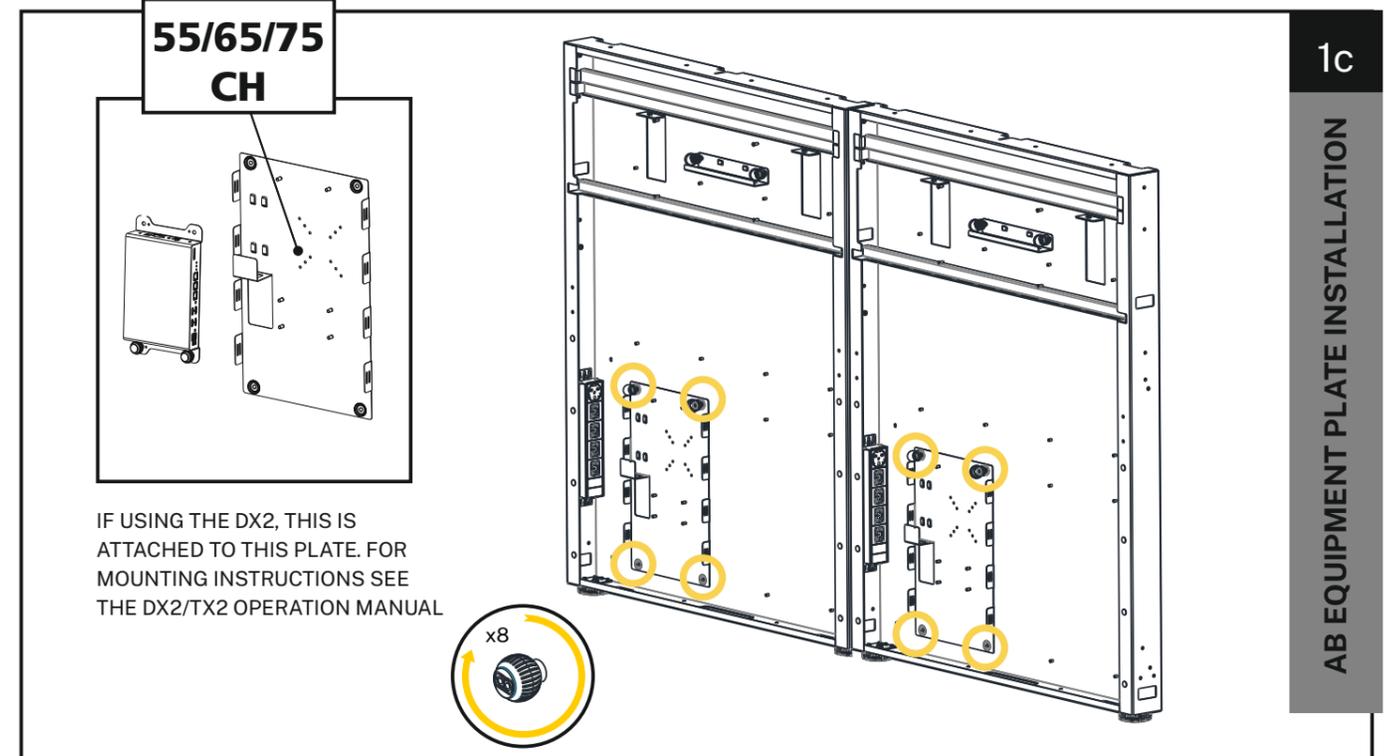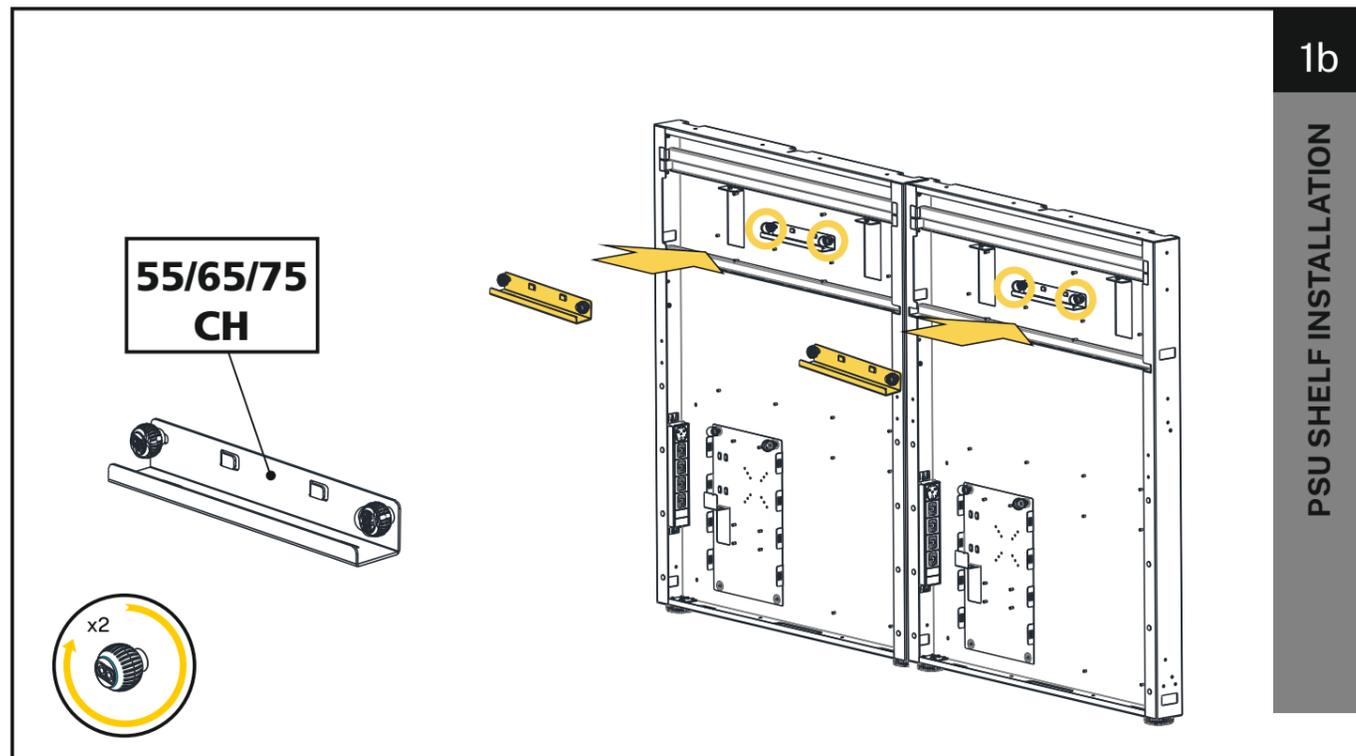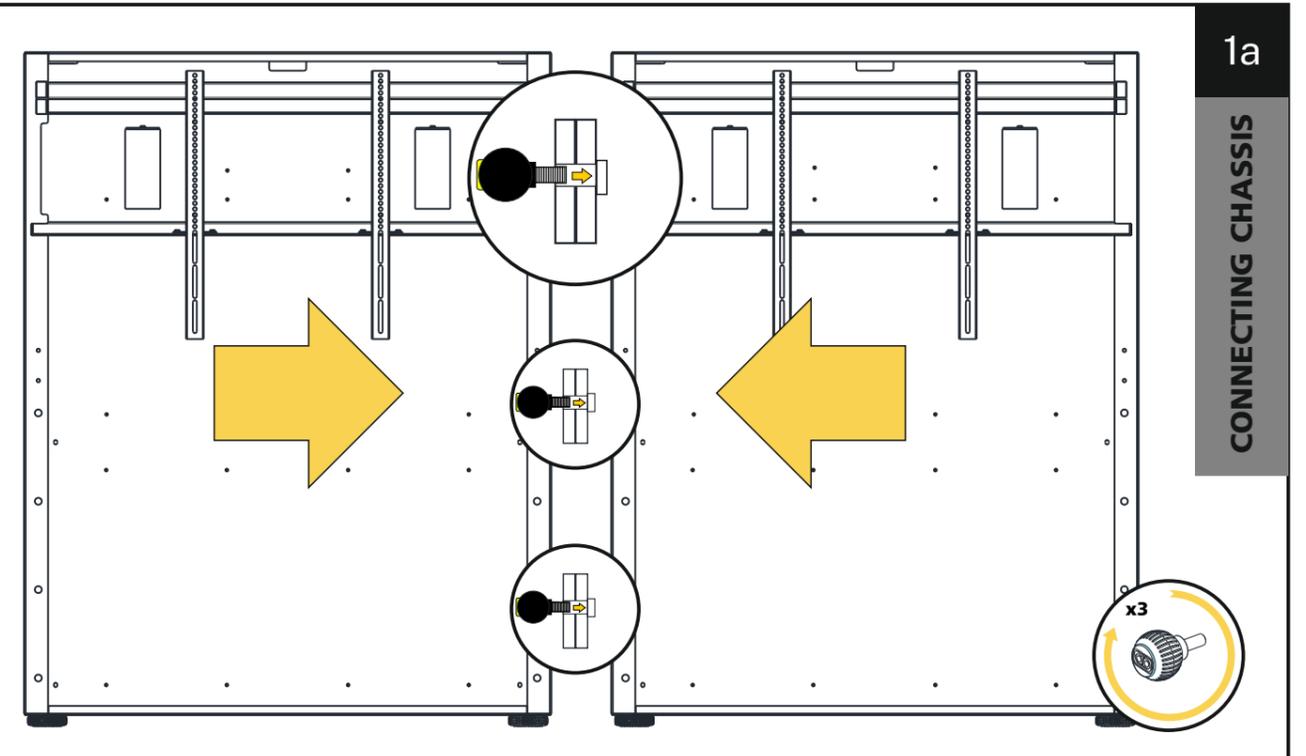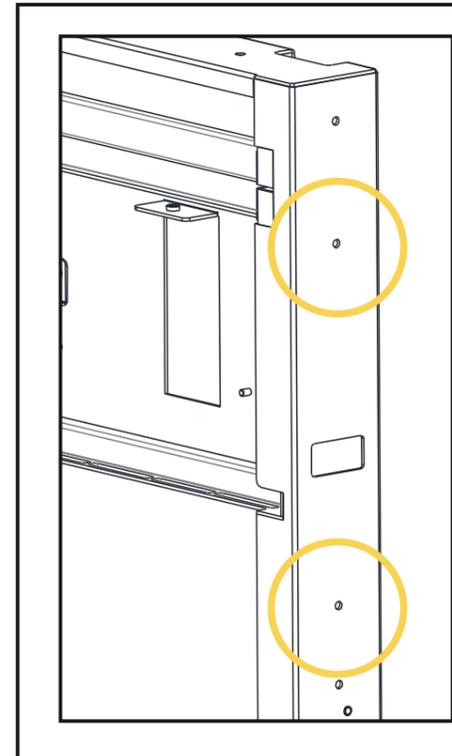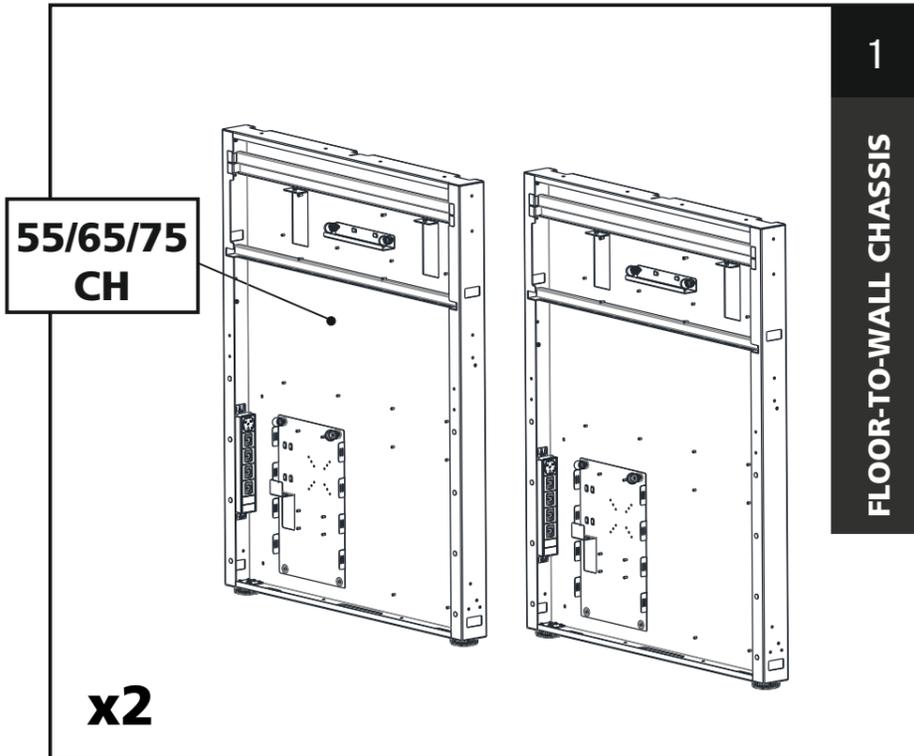
1 — FLOOR-TO-WALL CHASSIS

55/65/75 CH

x2

1a — CONNECTING CHASSIS

x3

1b — PSU SHELF INSTALLATION

55/65/75 CH

x2

1c — AB EQUIPMENT PLATE INSTALLATION

55/65/75 CH

IF USING THE DX2, THIS IS ATTACHED TO THIS PLATE. FOR MOUNTING INSTRUCTIONS SEE THE DX2/TX2 OPERATION MANUAL

x8

6. Base Options

3

Supplied as Standard with no Base

55/65/75 CH
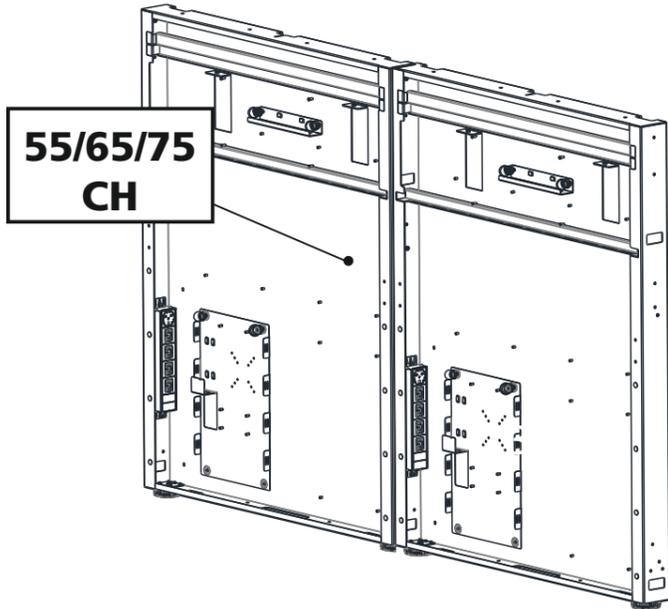
⚠️ The Chassis is designed to minimize space required and be as close to the wall as possible. Supplied as standard (with no base) the Chassis must be tethered to the wall. Brackets are supplied. The wall fixing is not load bearing, but prevents it being tipped forward.

❌ ✓
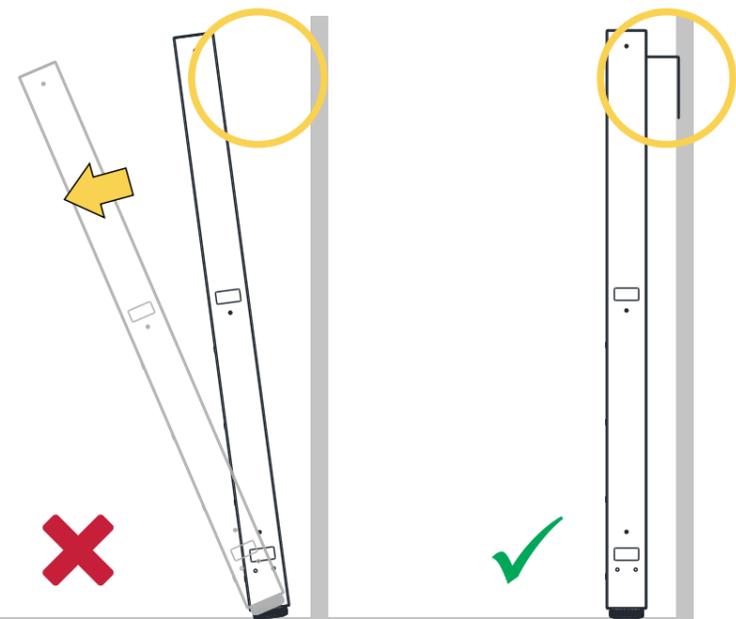
WALL FIXINGS NOT SUPPLIED

4
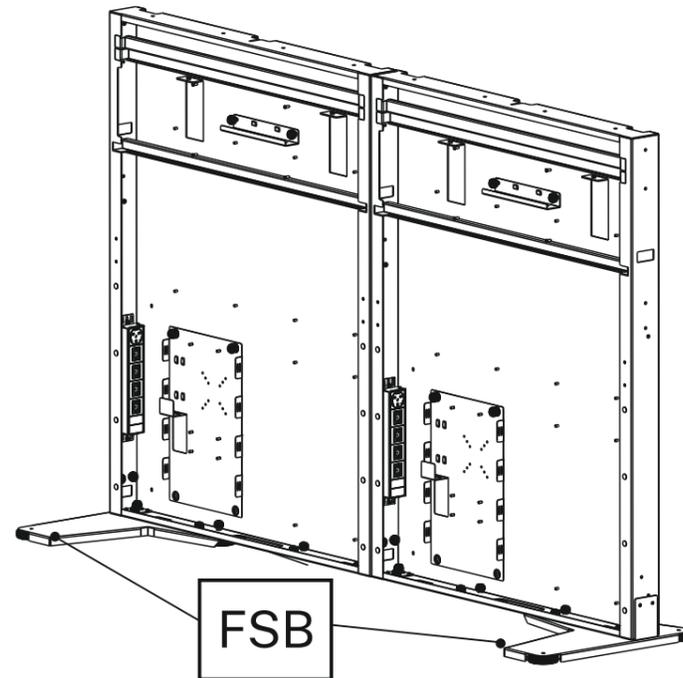
Optional Base – FREESTANDING

FSB

⚠️ The Freestanding base removes the need to tether the Chassis to a wall, allowing it to be placed in free-space or against glass partitions. Requires no building work to secure/support the system.
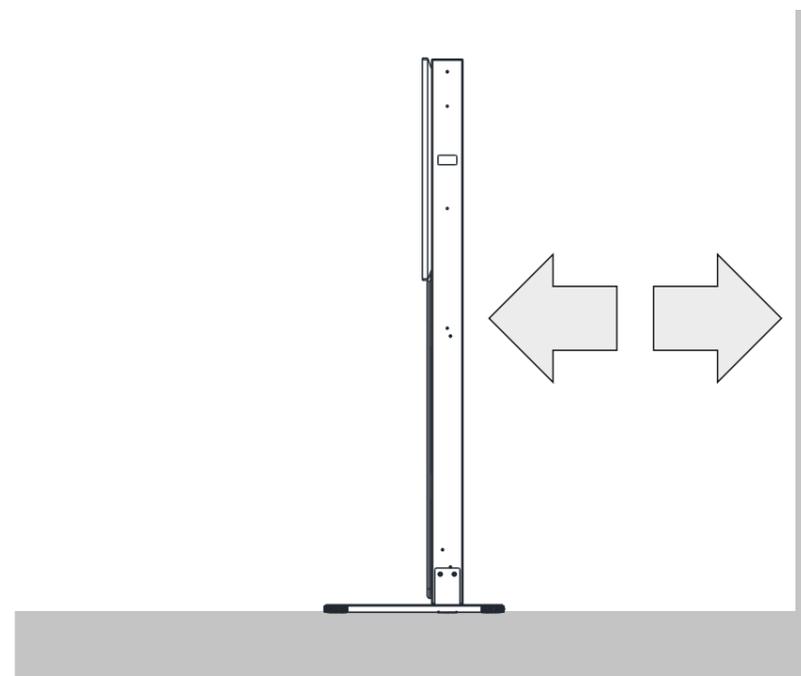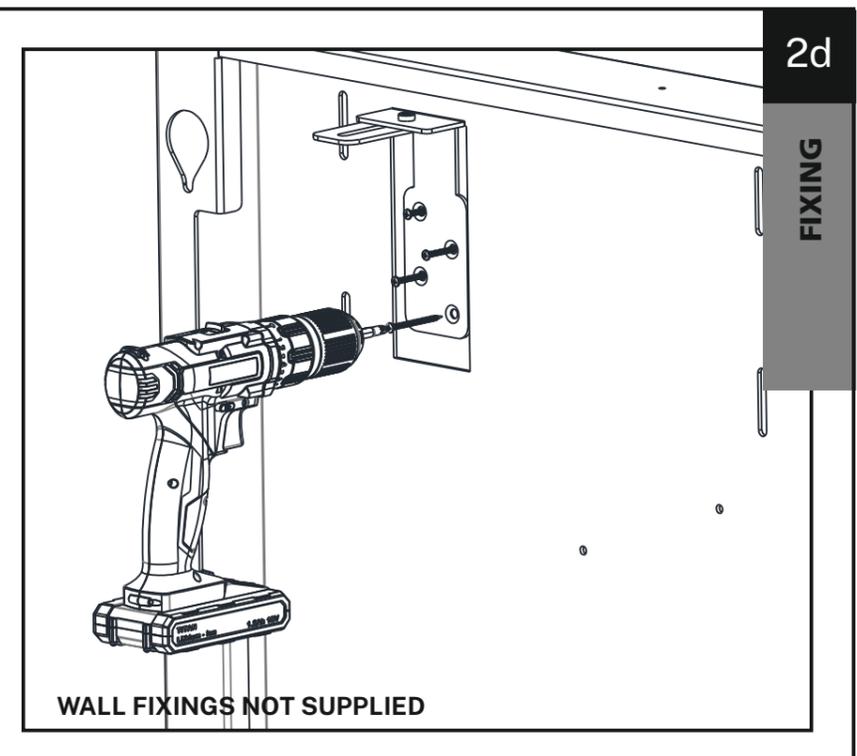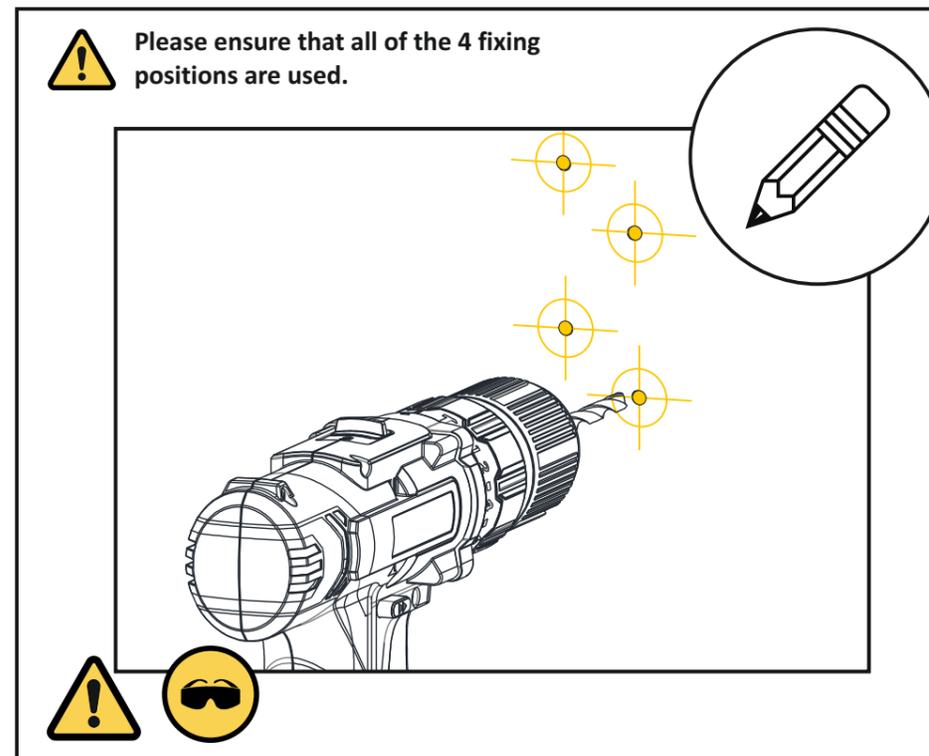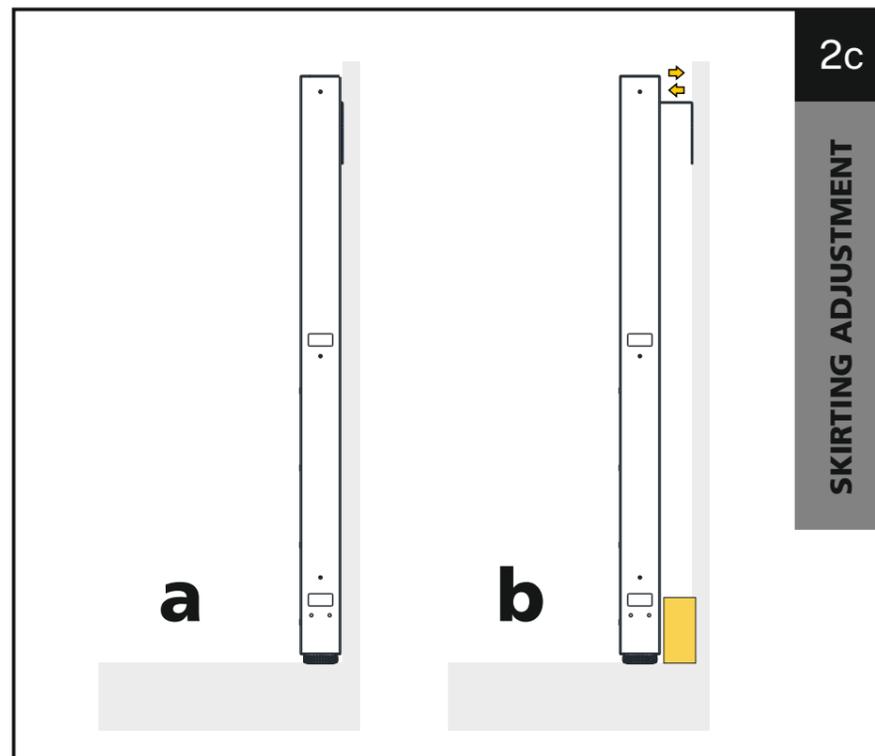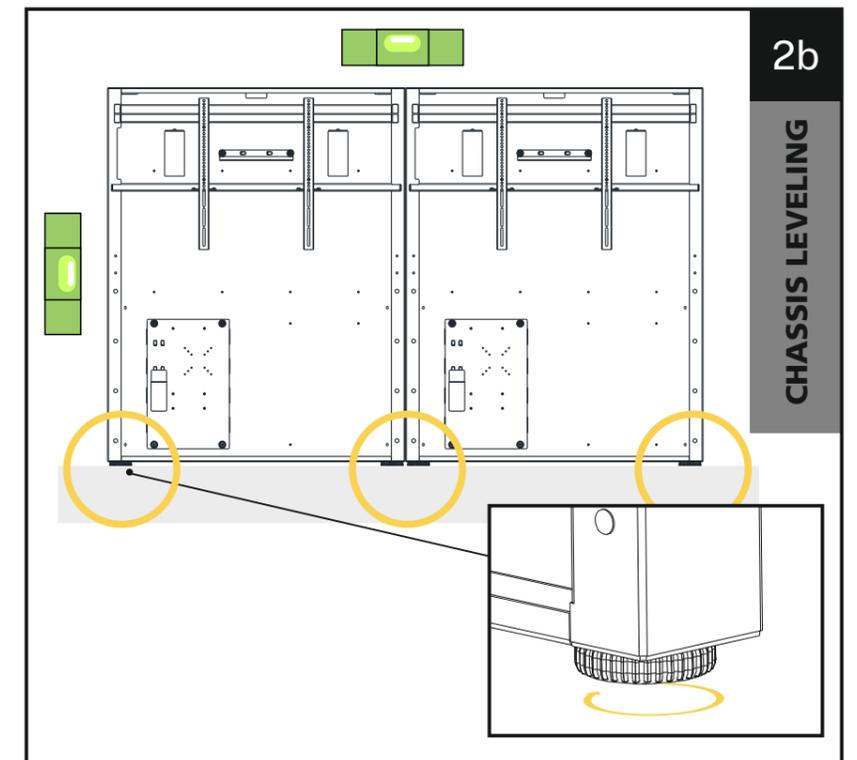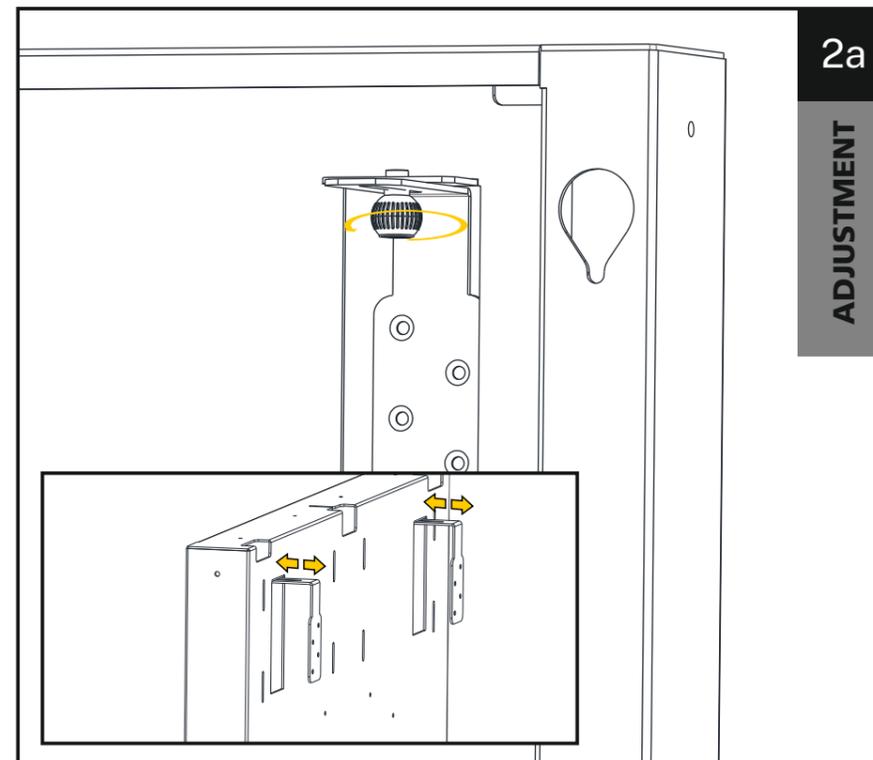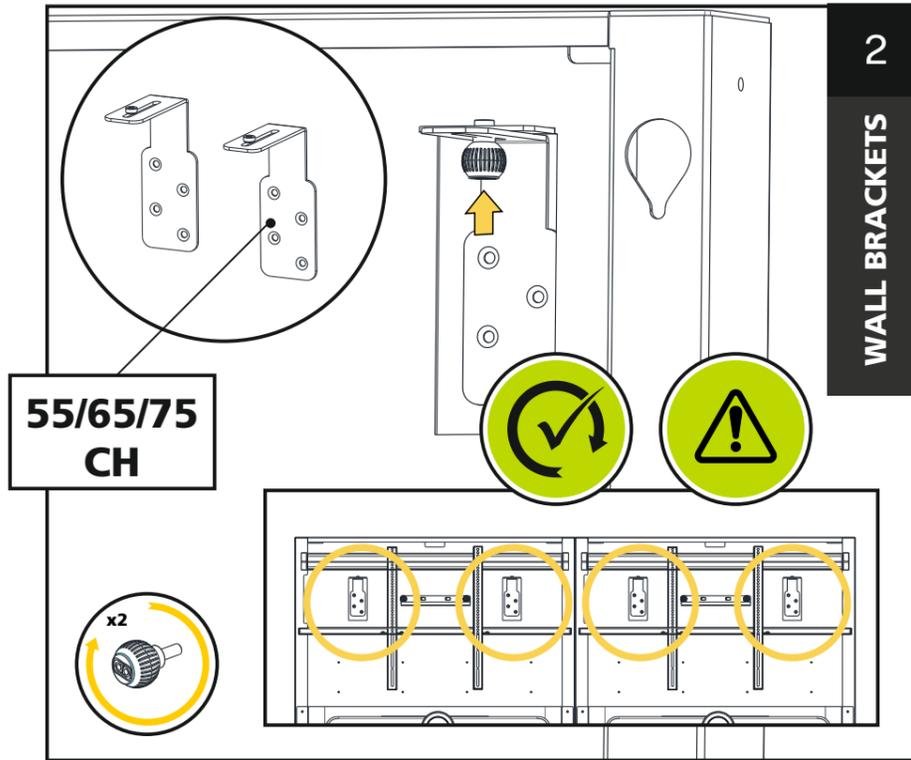
ab. Ashton Bentley

2 WALL BRACKETS

55/65/75 CH

x2

2a ADJUSTMENT

2b CHASSIS LEVELING

2c SKIRTING ADJUSTMENT

a

b

⚠️ **Please ensure that all of the 4 fixing positions are used.**

2d FIXING

WALL FIXINGS NOT SUPPLIED

3 — CHASSIS WITH NO BASE

⚠ CHASSIS WITH NO BASE MUST BE TETHERED TO A WALL

3a — REMOVE FEET FROM CHASSIS

3a — REMOVE AB KNOBS FROM BASE

FSB

x2

3b — PLACE CHASSIS ON BASE

⚠ HEAVY / X2

3c — SLIDE CHASSIS ON TO EXPOSED STUDS

3d — SECURE CHASSIS TO BASE

x2   x6

3e — REPEAT PROCESS FOR 2ND BASE

FSB

7. Mount Displays

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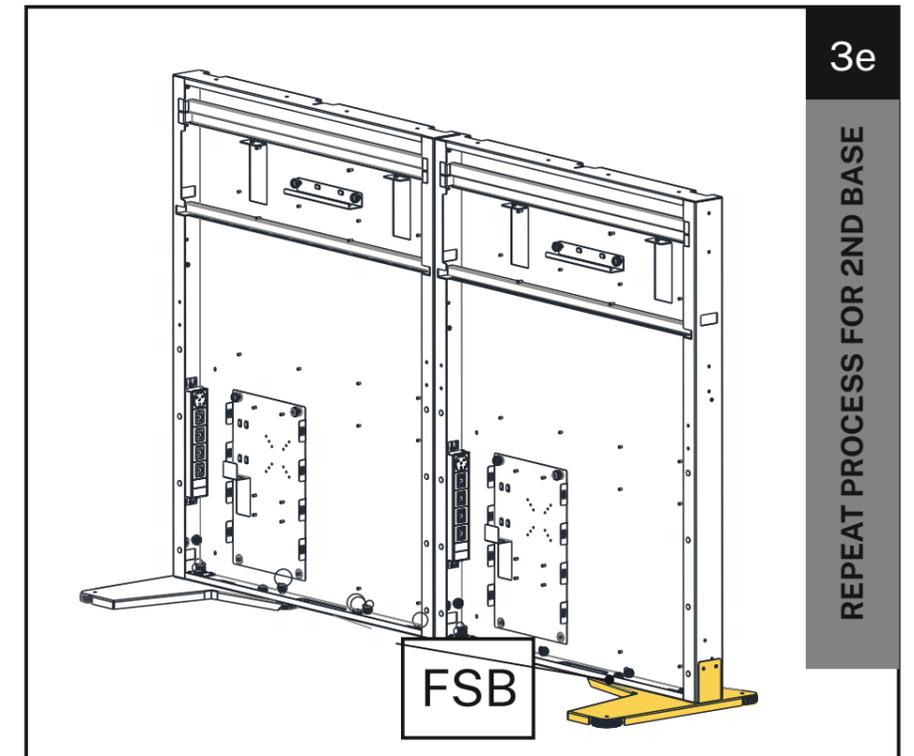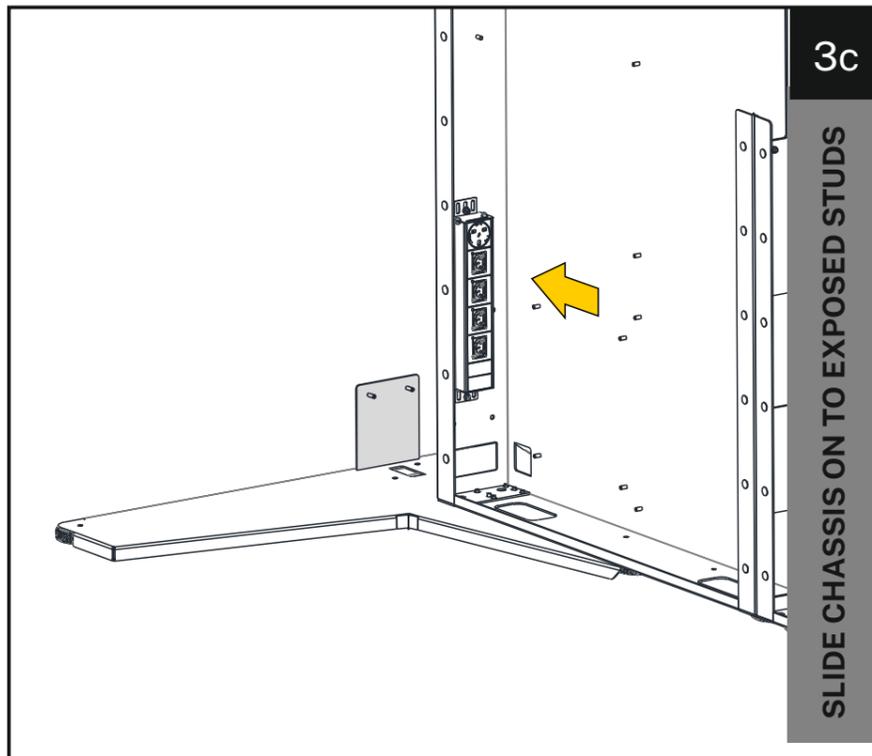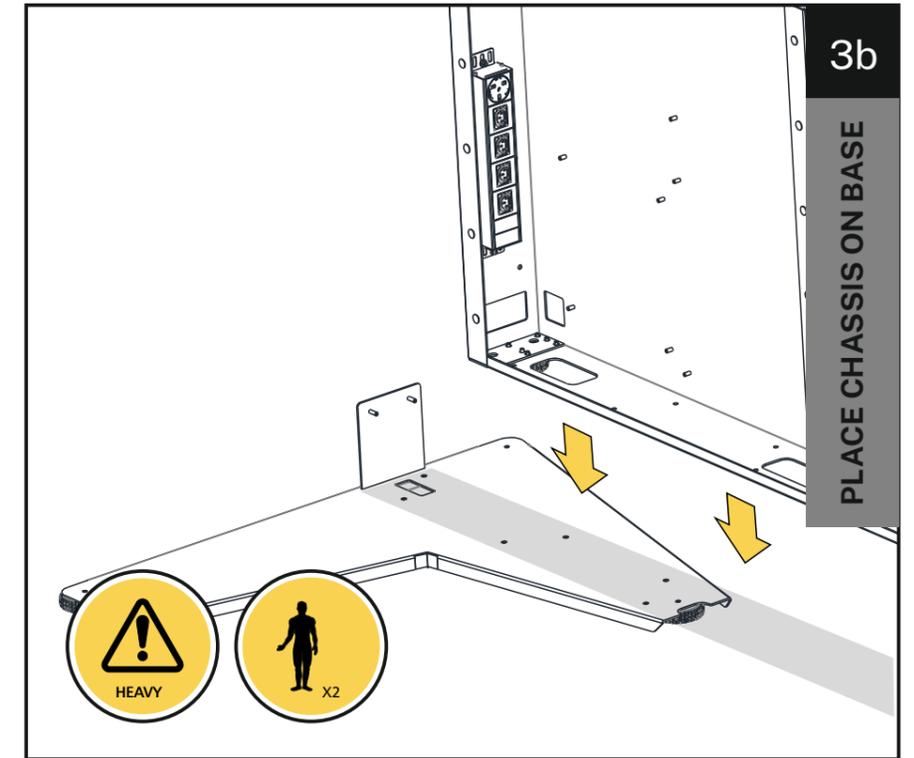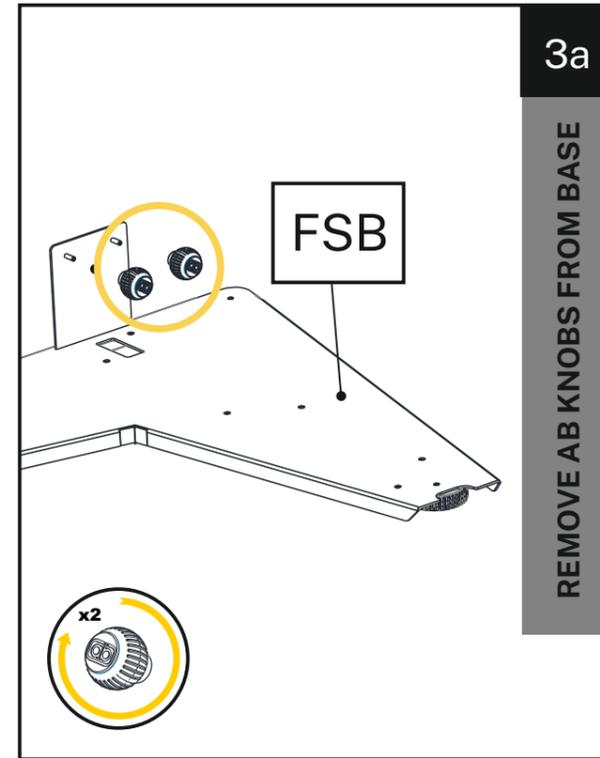
MBK75
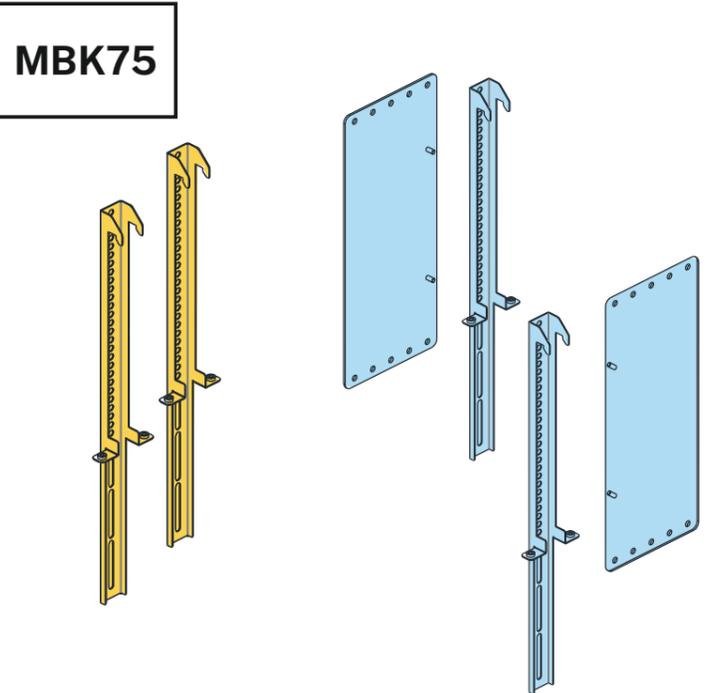
4

DISPLAY MOUNTING BAR KIT

⚠ **FOUR VERTICAL BARS ARE IDENTICAL**
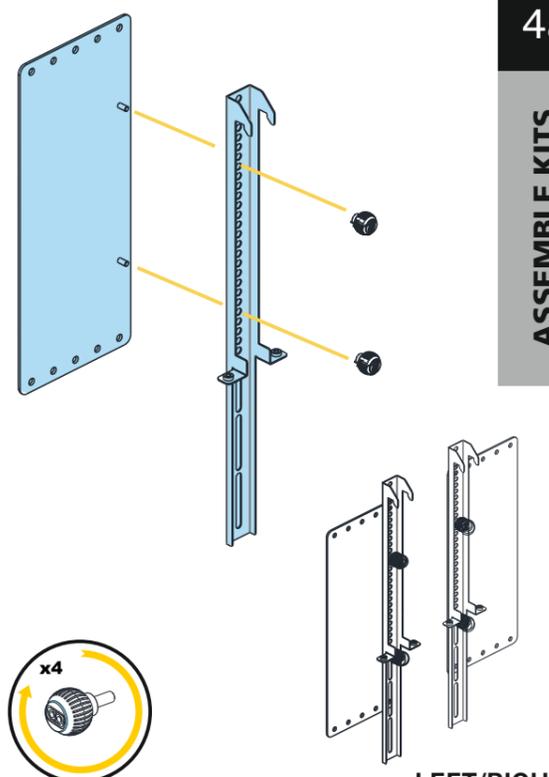
4a

ASSEMBLE KITS

x4

LEFT/RIGHT
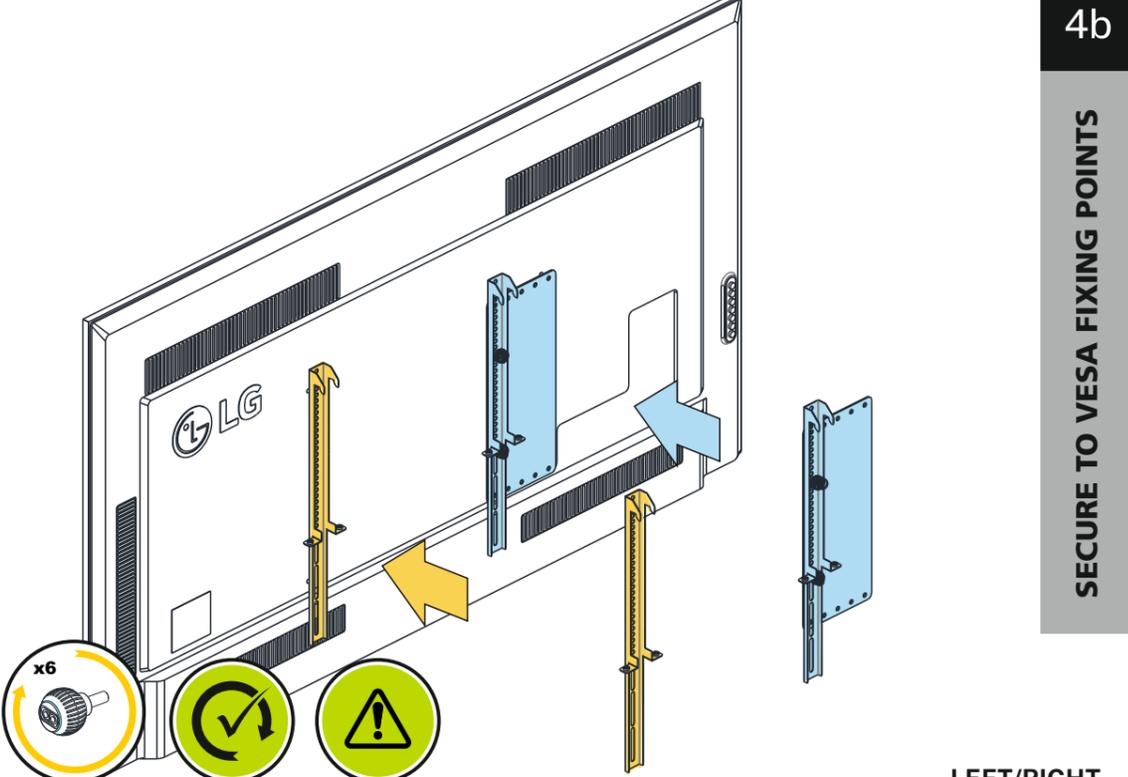
4b

SECURE TO VESA FIXING POINTS

x6 ✓ ⚠

LEFT/RIGHT

4c

COMPLETE ASSEMBLY

LEFT DISPLAY

RIGHT DISPLAY

VIEWED FROM BACK OF DISPLAYS

⚠ **BAR POSITIONS VARY DEPENDING ON DISPLAY MODEL**

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SECURE ANY VIDEO INPUT CABLES PRIOR TO HANGING THE DISPLAYS

5b

HANGING DISPLAYS

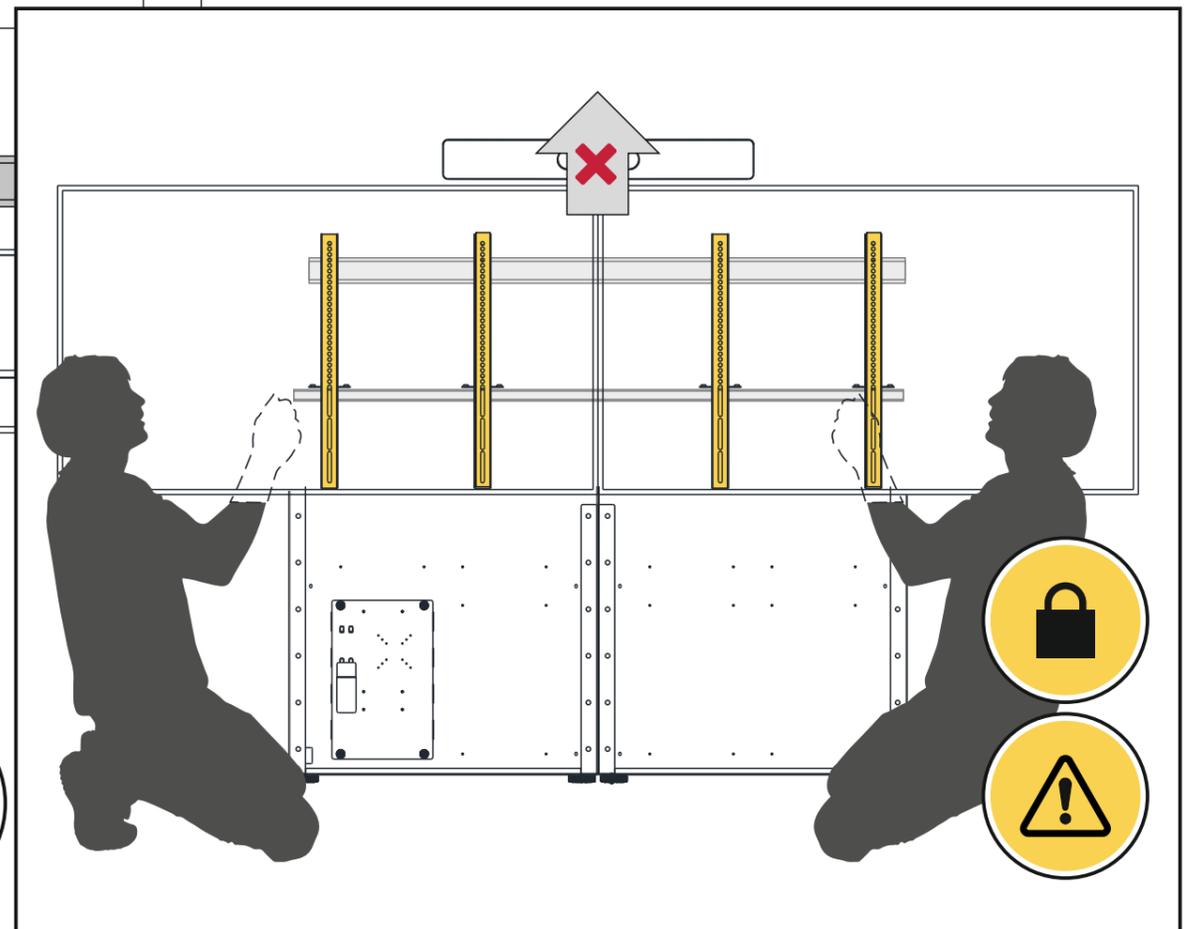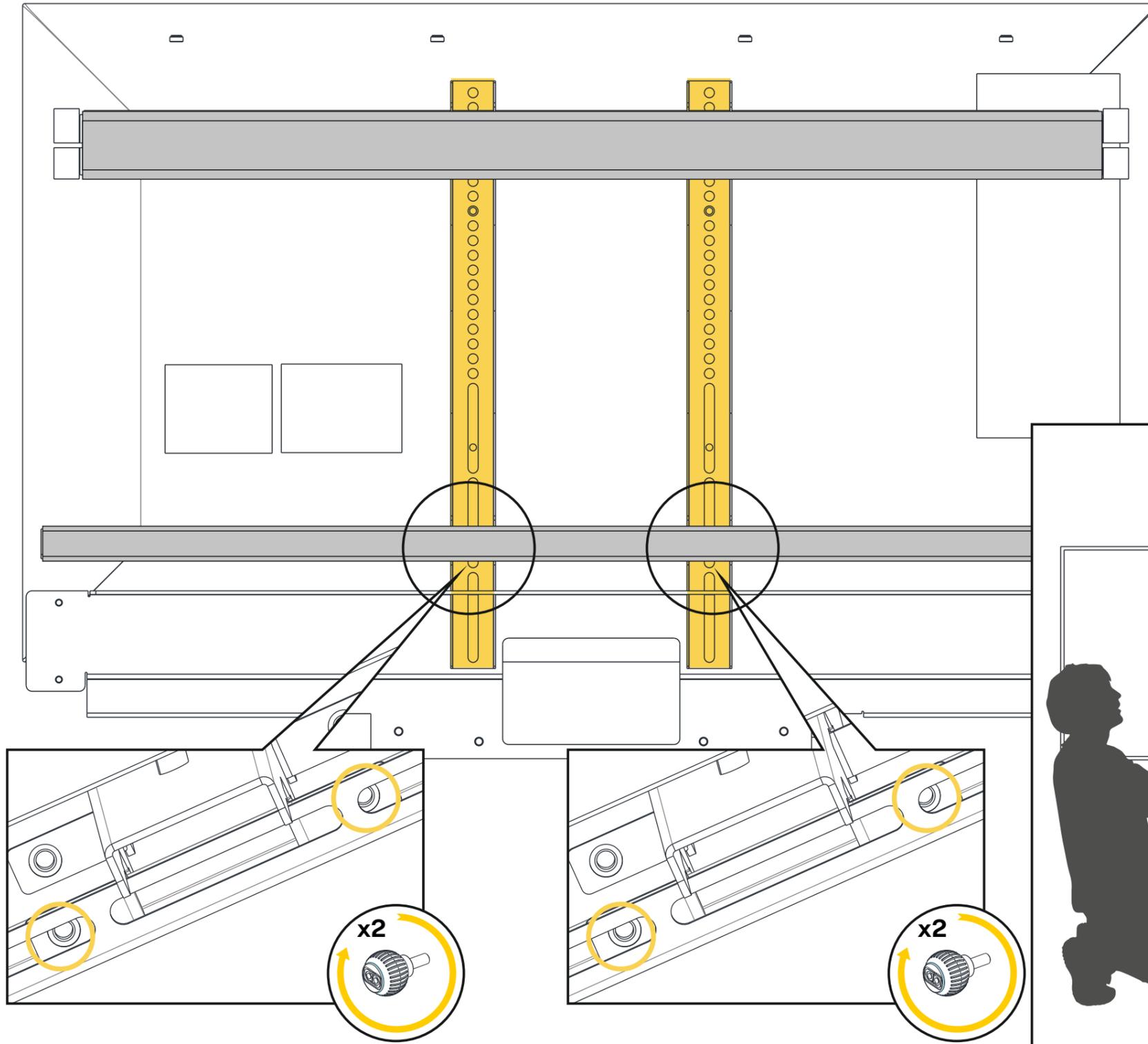**LIFT DISPLAYS CAREFULLY USING HANDLES IF FITTED.**
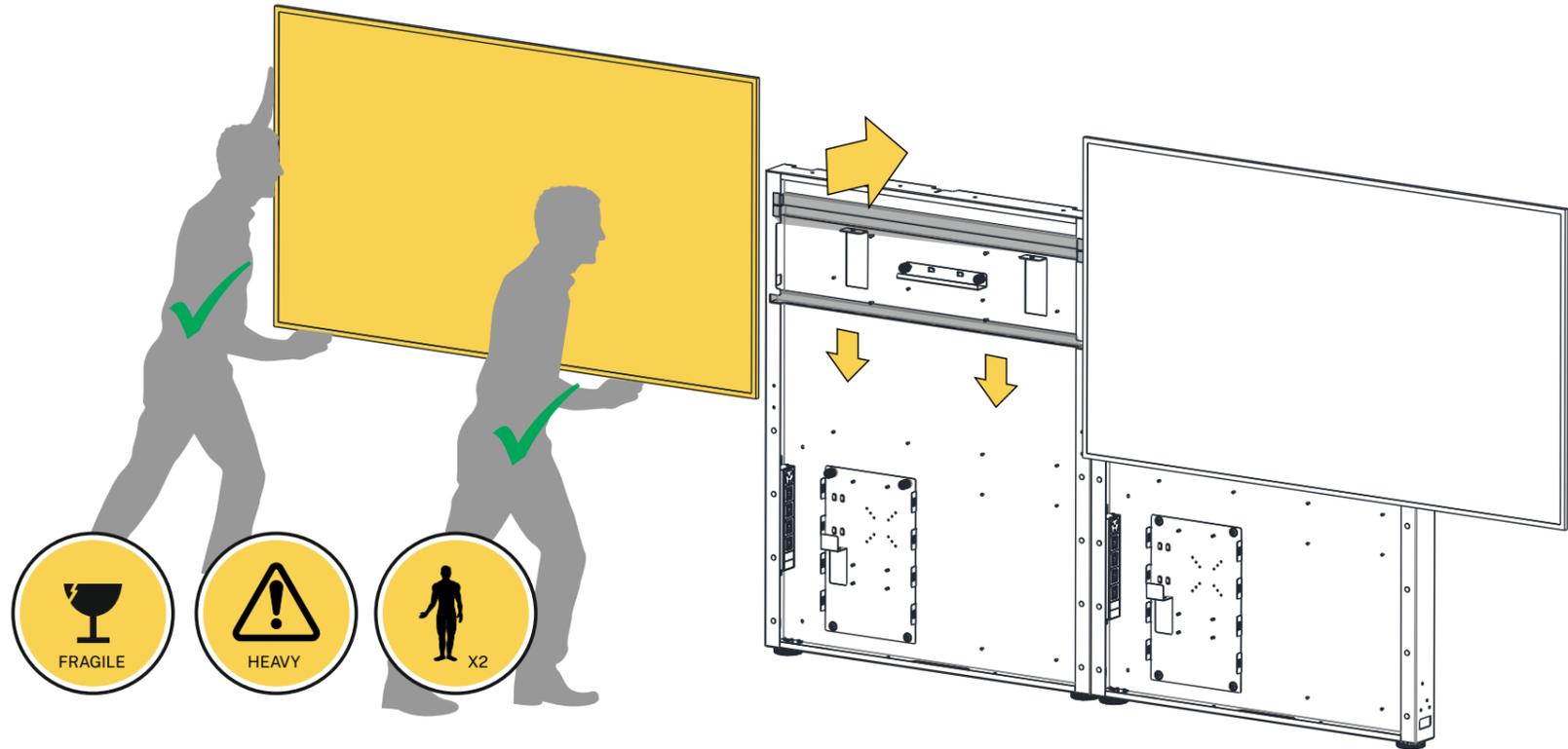
FRAGILE

HEAVY

X2

FRAGILE

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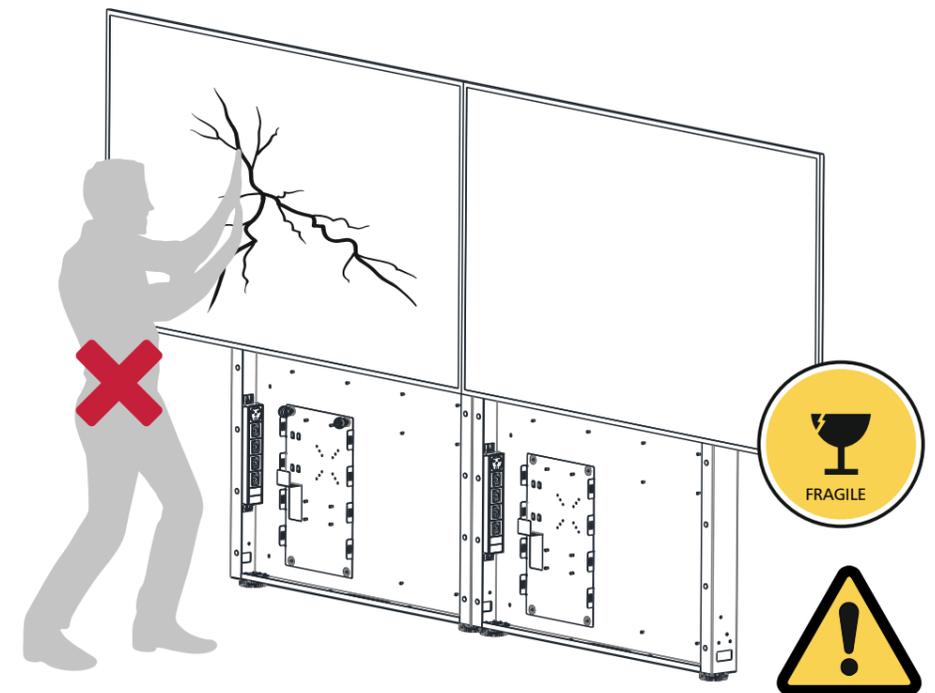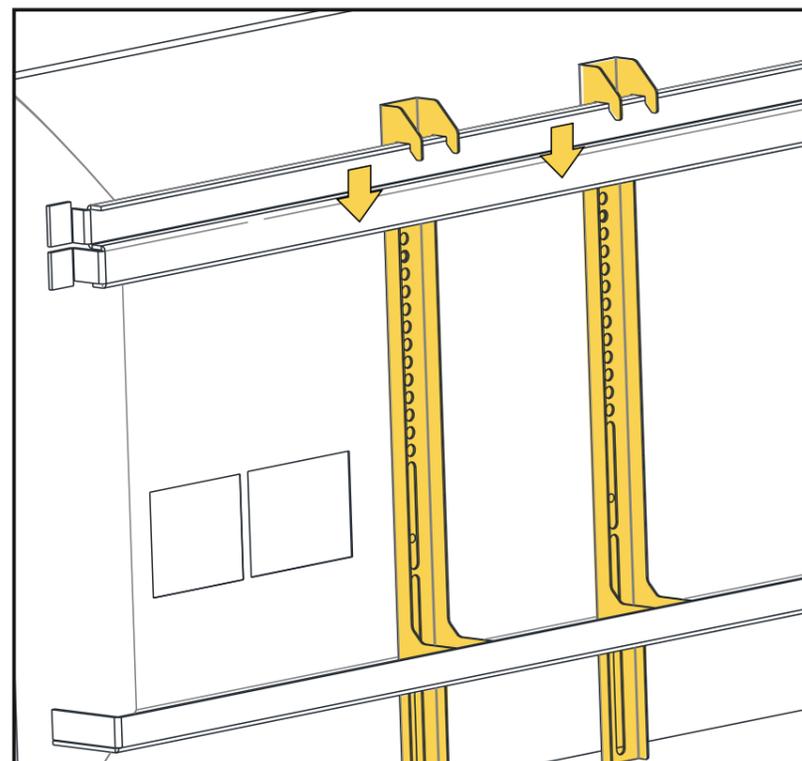
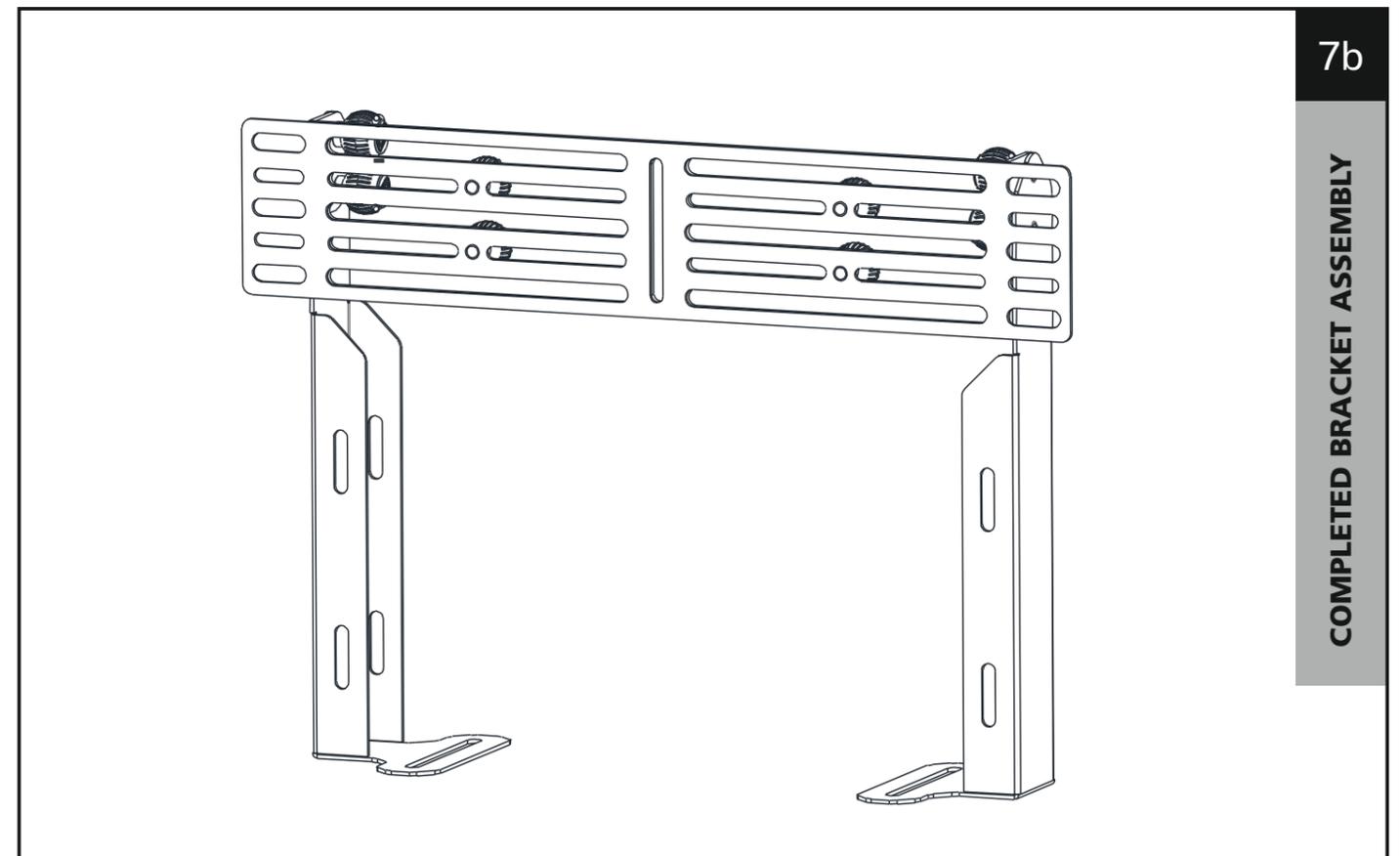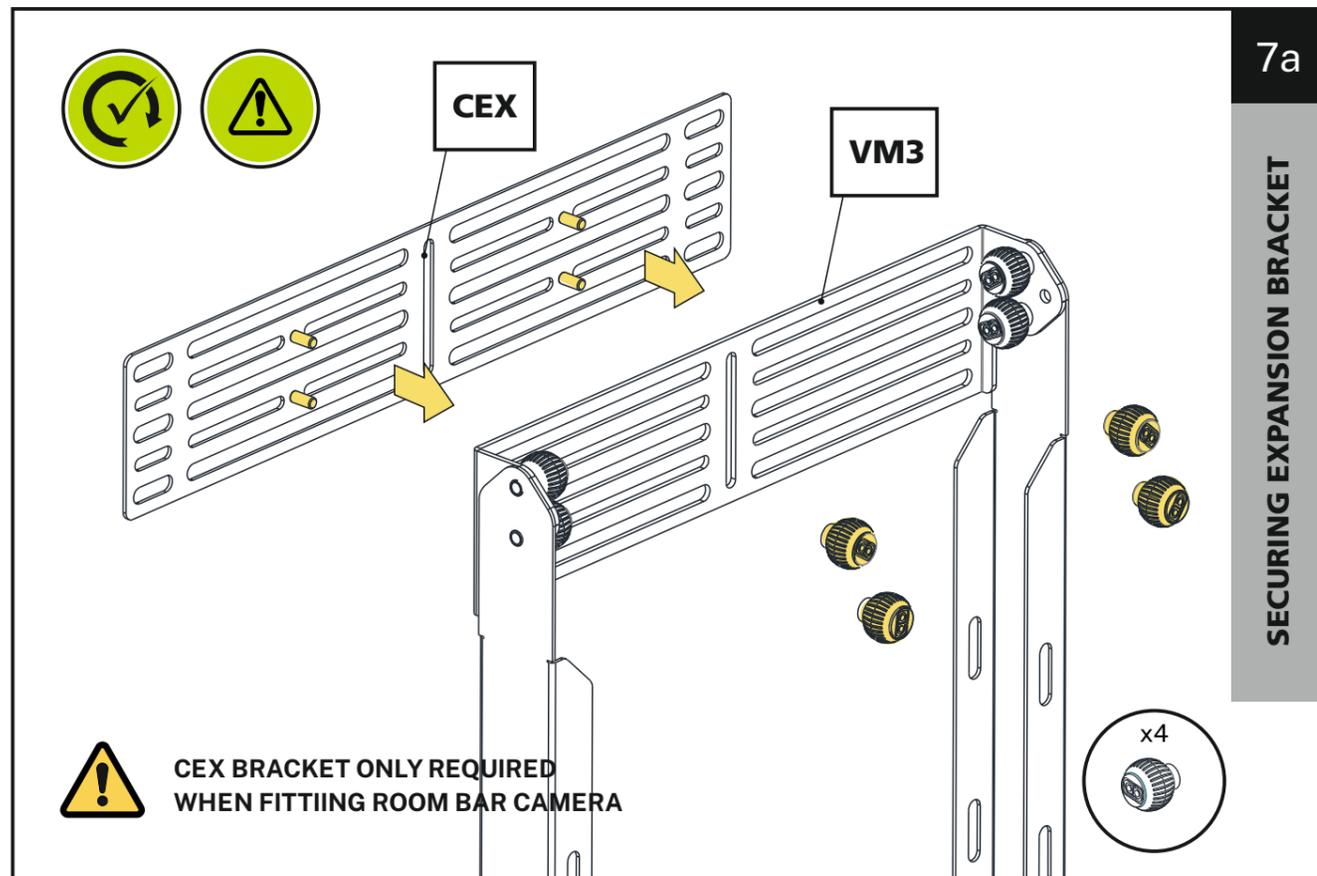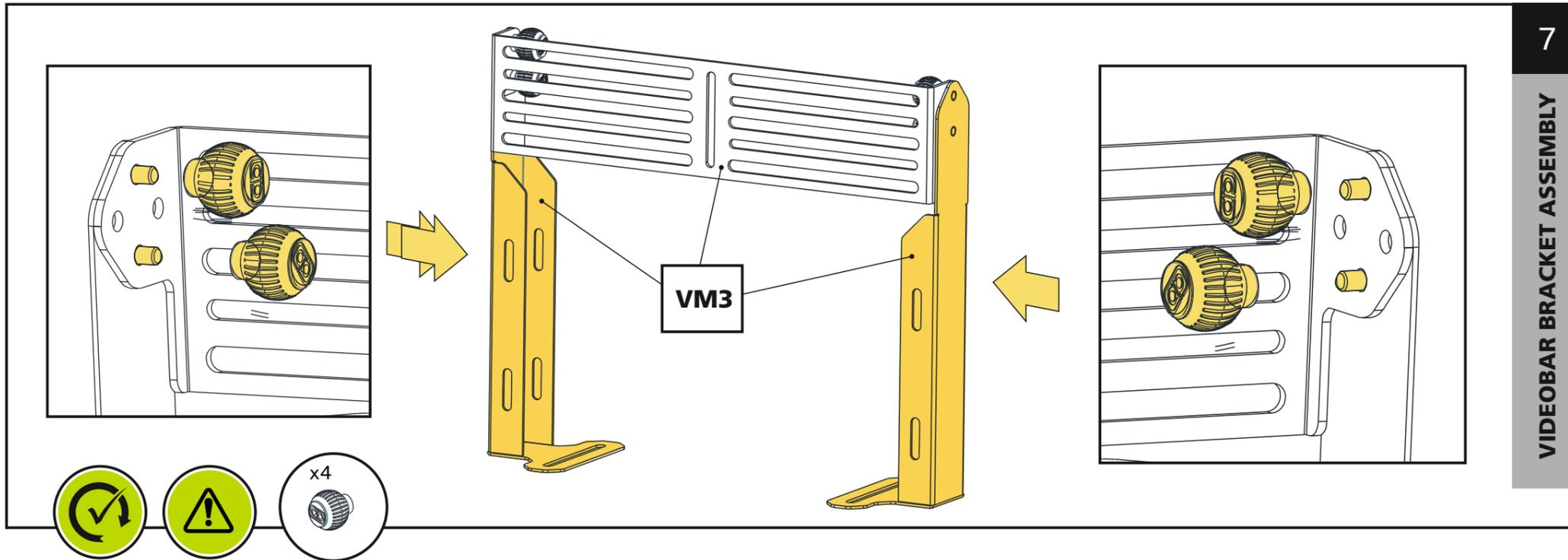**TOP OF DISPLAY**

SECURING DISPLAYS

SECURING DISPLAYS PREVENTS ACCIDENTAL DAMAGE OR THE DISPLAYS BEING REMOVED.

x2

x2

8. Mount Video Bar / Camera

7

VIDEOBAR BRACKET ASSEMBLY

VM3

x4

7a

SECURING EXPANSION BRACKET

CEX

VM3

x4

⚠ CEX BRACKET ONLY REQUIRED
WHEN FITTIING ROOM BAR CAMERA

7b

COMPLETED BRACKET ASSEMBLY

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7c

SECURING CAMERA

USE FIXINGS SUPPLIED WITH CAMERA

7d

COMPLETED ASSEMBLY
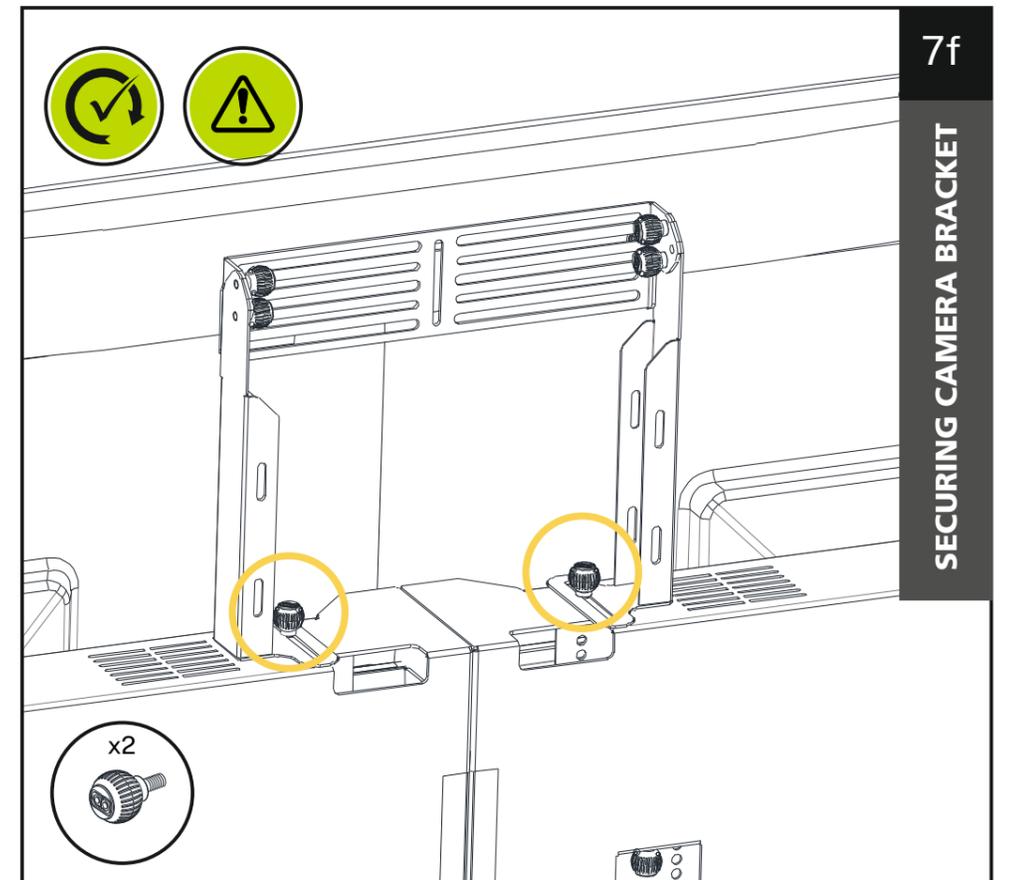

7e

INSTALLING BRACKET ON CHASSIS

7f

SECURING CAMERA BRACKET

x2

Two75 - Dual 75" Display Chassis – Camera Above.
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8

SUPPLIED WIRING OVERVIEW

55/65/75 CH

Display PWR

Display Video

②

④

Power Distribution Block

③ → AB DX2 if used

① → System PWR
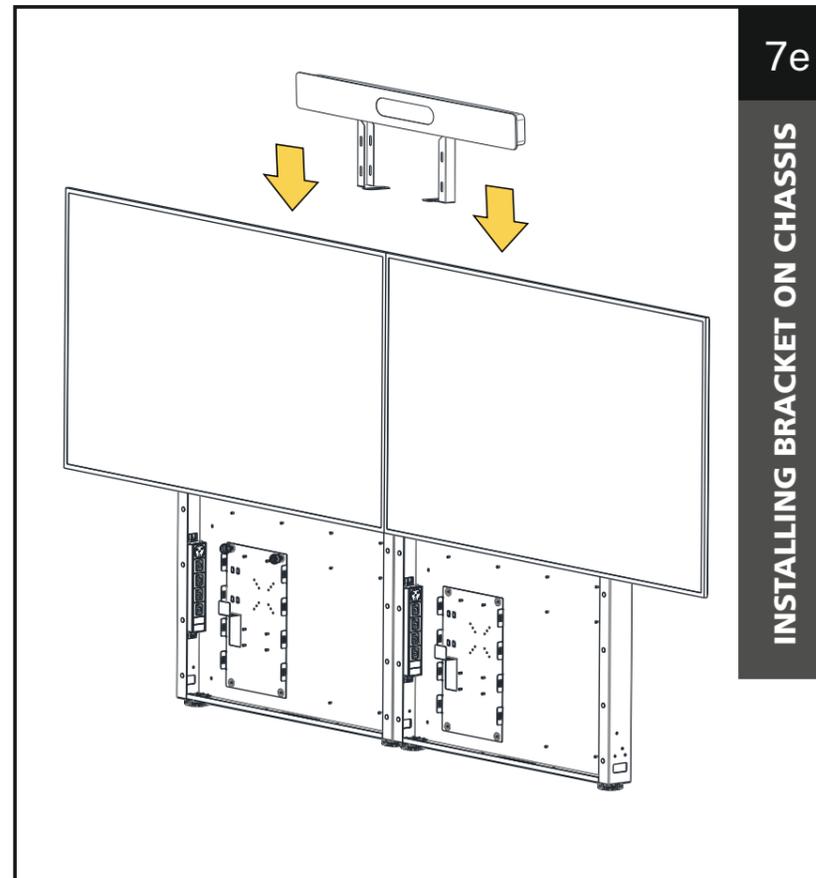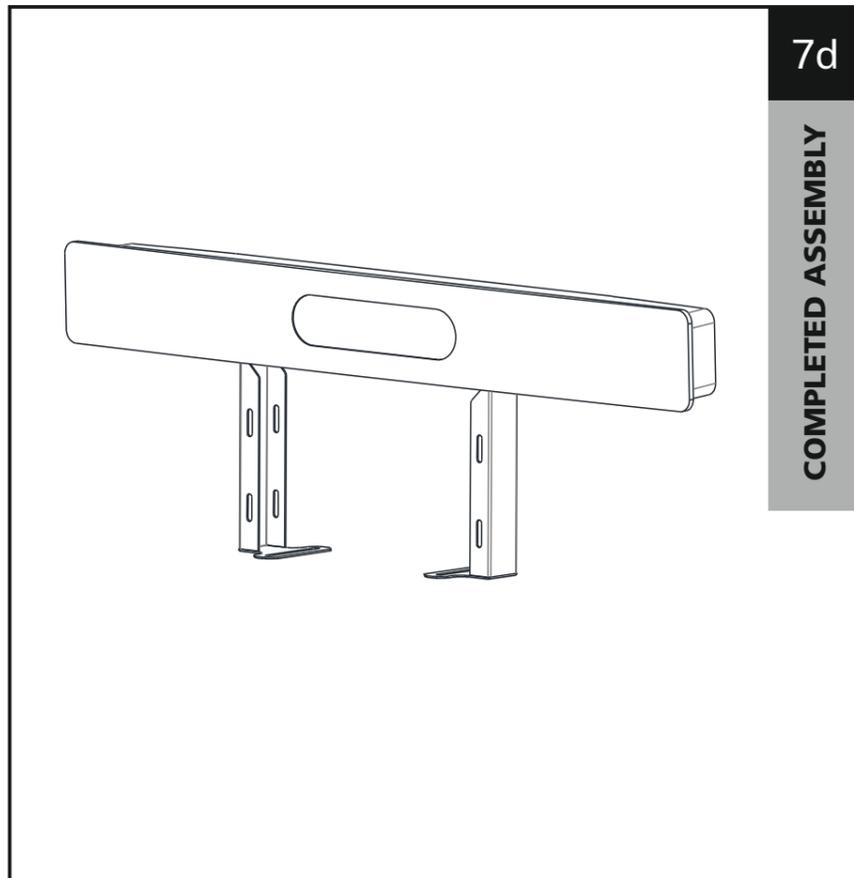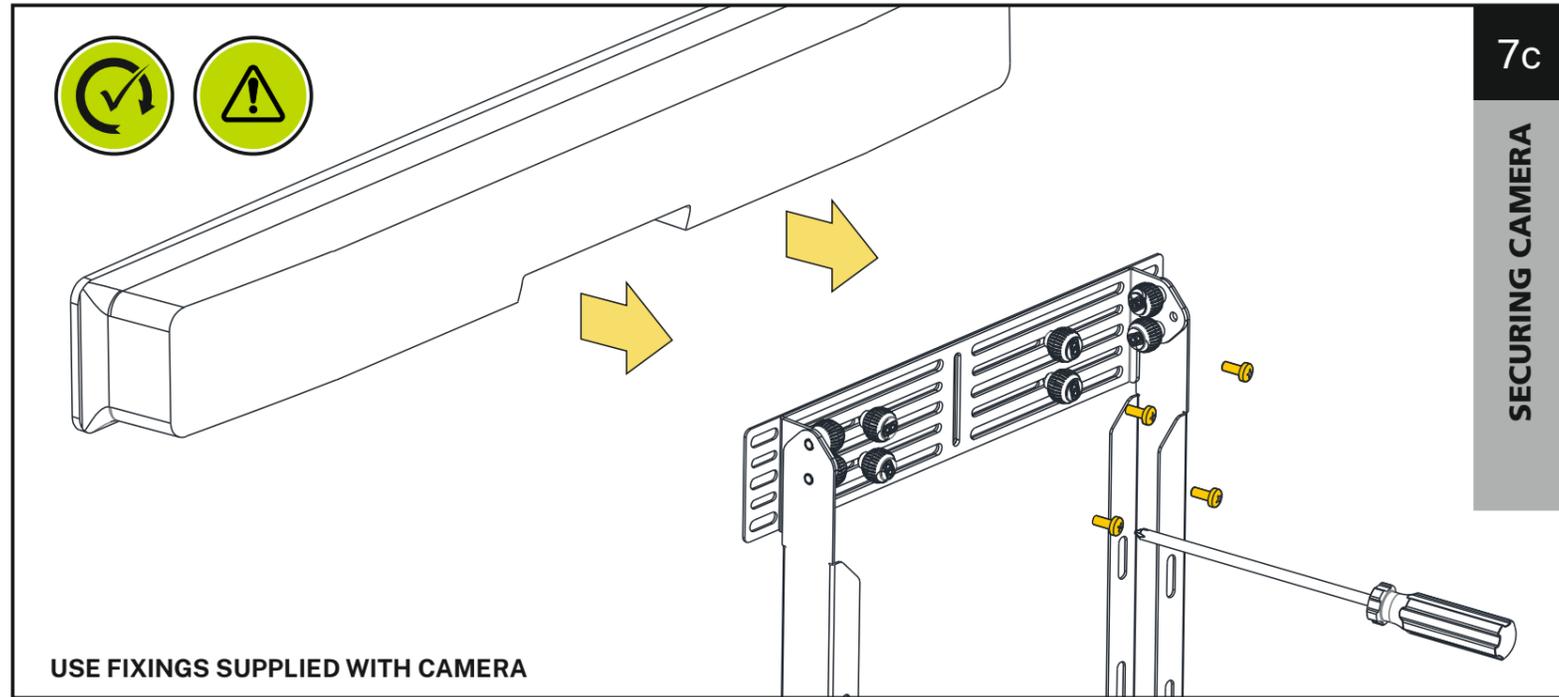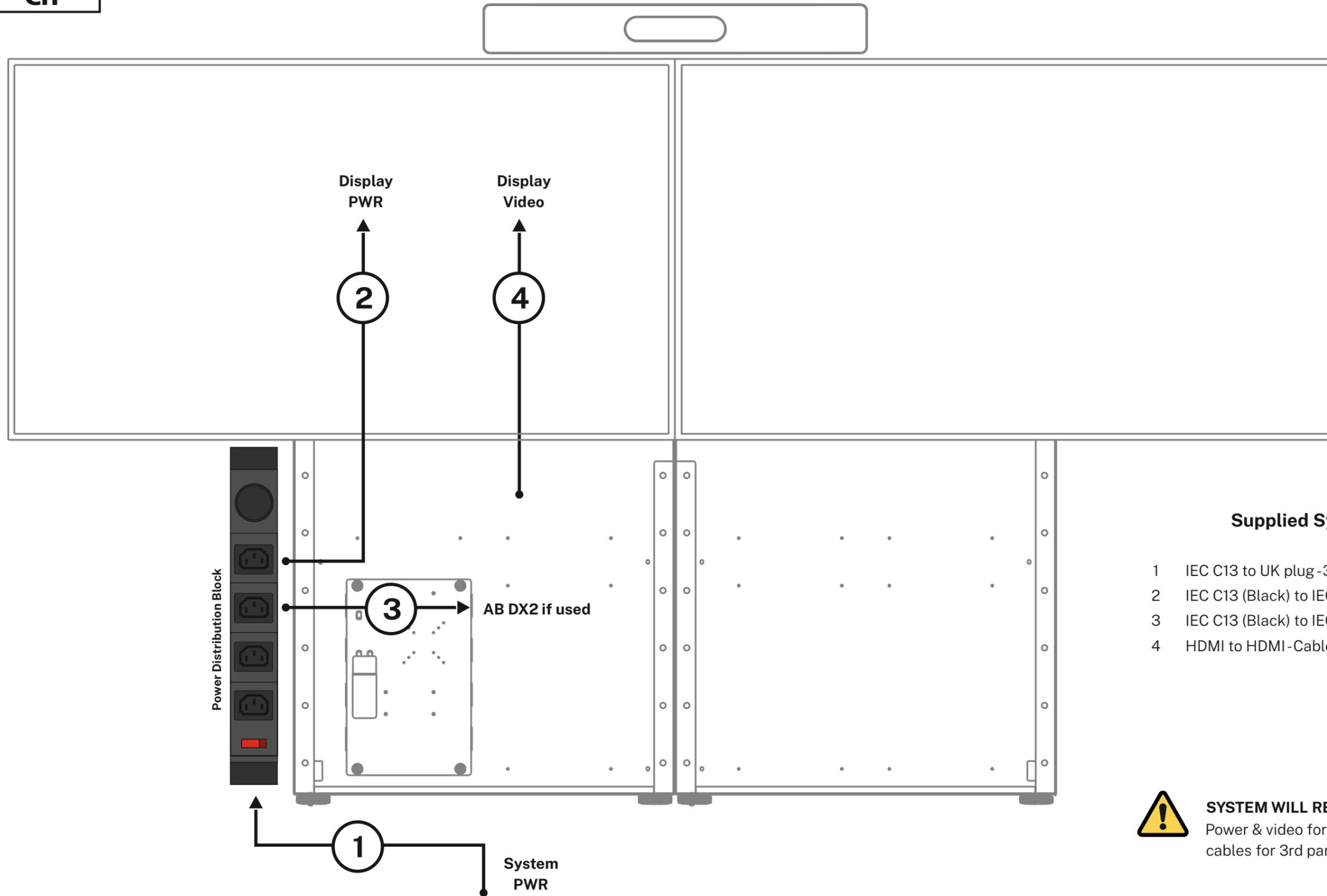
Supplied System Cable Schedule

1   IEC C13 to UK plug - 3m - Power Input Cable (115-00069)

2   IEC C13 (Black) to IEC C14 (Black) - Cable - 1.5m (115-00074)

3   IEC C13 (Black) to IEC C14 (Black) - Cable - 0.5m (115-00073)

4   HDMI to HDMI - Cable - 2m - Black (115-00067)

⚠ **SYSTEM WILL REQUIRE ADDITIONAL CABLES**
Power & video for the second display, plus other cables for 3rd party equipment will be required.

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55/65/75 CH

9 FRONT COVER

10 ASSEMBLY COMPLETE