Installation guide

for Cisco TelePresence MX800 Dual Monitor with Dual Camera
on a free standing floor stand or a floor stand secured to the wall

This guide covers the floor stand mounted MX800 Dual in either the free standing or wall secured configurations.

Free standing floor stand

Floor stand secured to the wall

Manpower

x4 We recommend four people working together to mount the system. Follow local regulations.

Dimensions

Height: 1818 mm / 71.6 in.
Width: 3169 mm / 124.8 in.
Depth: 156 or 215 mm / 6.2 or 8.5 in. (wall secured)
   920 mm / 36.3 in. (free standing)
Weight: 238 kg / 525 lb

Room setup

Explore the Cisco Project Workplace to find inspiration and guidelines when preparing your office or meeting room for video conferencing:

https://www.cisco.com/go/projectworkplace

Documentation

Visit one of these websites to find out more about setup, management, and use of this product:

https://collaborationhelp.cisco.com
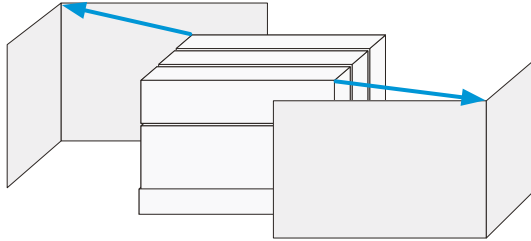https://www.cisco.com/go/mx-docs

Use the first link if your device is registered to the Cisco Webex service and the second link if the device is registered to another service.

Packaging

**1** Open the plastic snap locks and remove the side walls.

A ··· **M**   Boxes are labeled A to M. This guide refers to the labels.

B+E–G   Shows which boxes are inside.

Tools and screws are in this box.

2 Lay the box marked with F–J+L+M flat on the floor. Remove the lid. Boxes F to J, L and M are inside.

Lay the box marked with A and B+C+E+K flat on the floor. Remove the lid. Boxes B, C, E and K are inside.

D

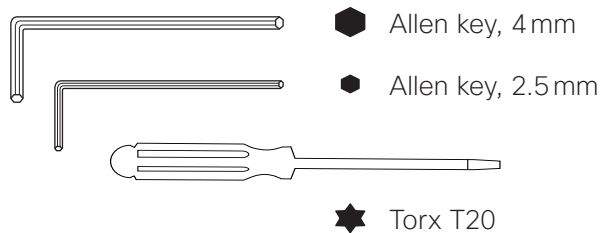**D**

F–J+L+M   **B+C+E+K** **A**
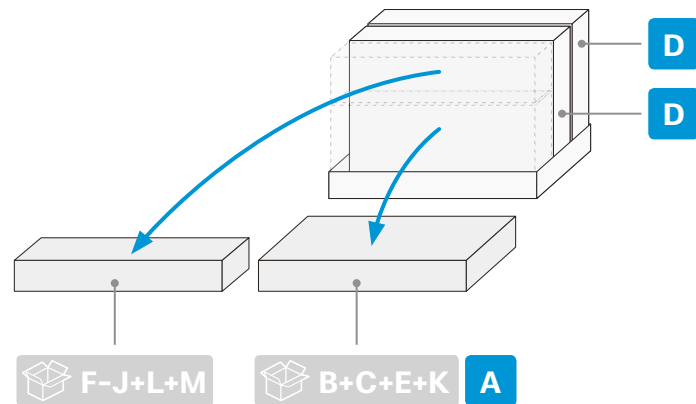
Screws

The screw kit may contain more screws than you need, because the same kit is shipped with all mounting options.

M6x90, countersunk
Tool: Allen key, 4 mm

M6x35, countersunk
Tool: Allen key, 4 mm

M6x12, countersunk
Tool: Allen key, 4 mm

M6x12, pan
Tool: Allen key, 4 mm

M4x8, pan
Tool: Allen key, 2.5 mm

PT4x10, pan
Tool: Torx T20

Tools

Allen key, 4 mm

Allen key, 2.5 mm

Torx T20

EMC Class A declaration

WARNING: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
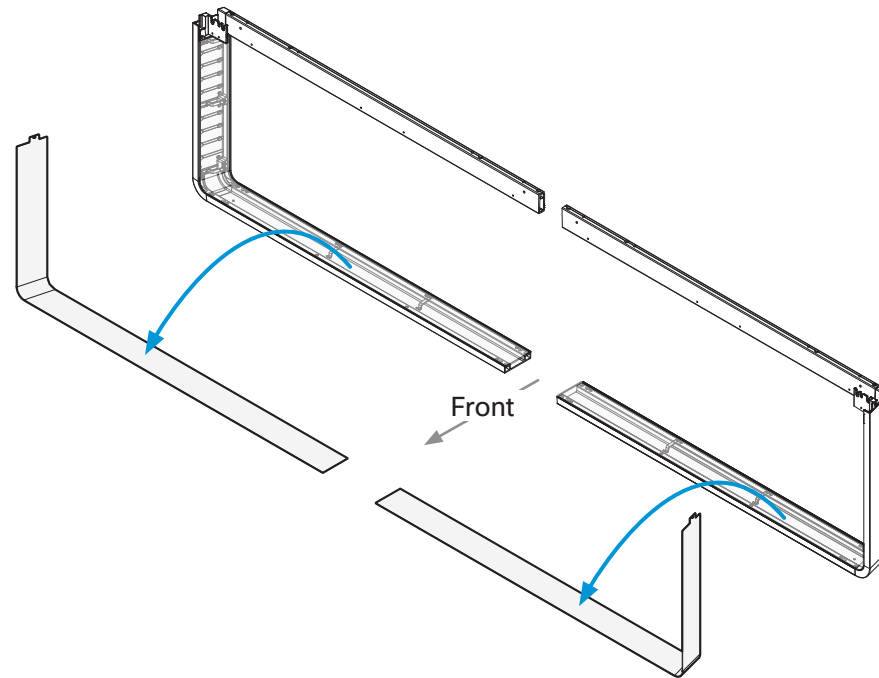
声 明

此为A级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对其干扰采取切实可行的措施。
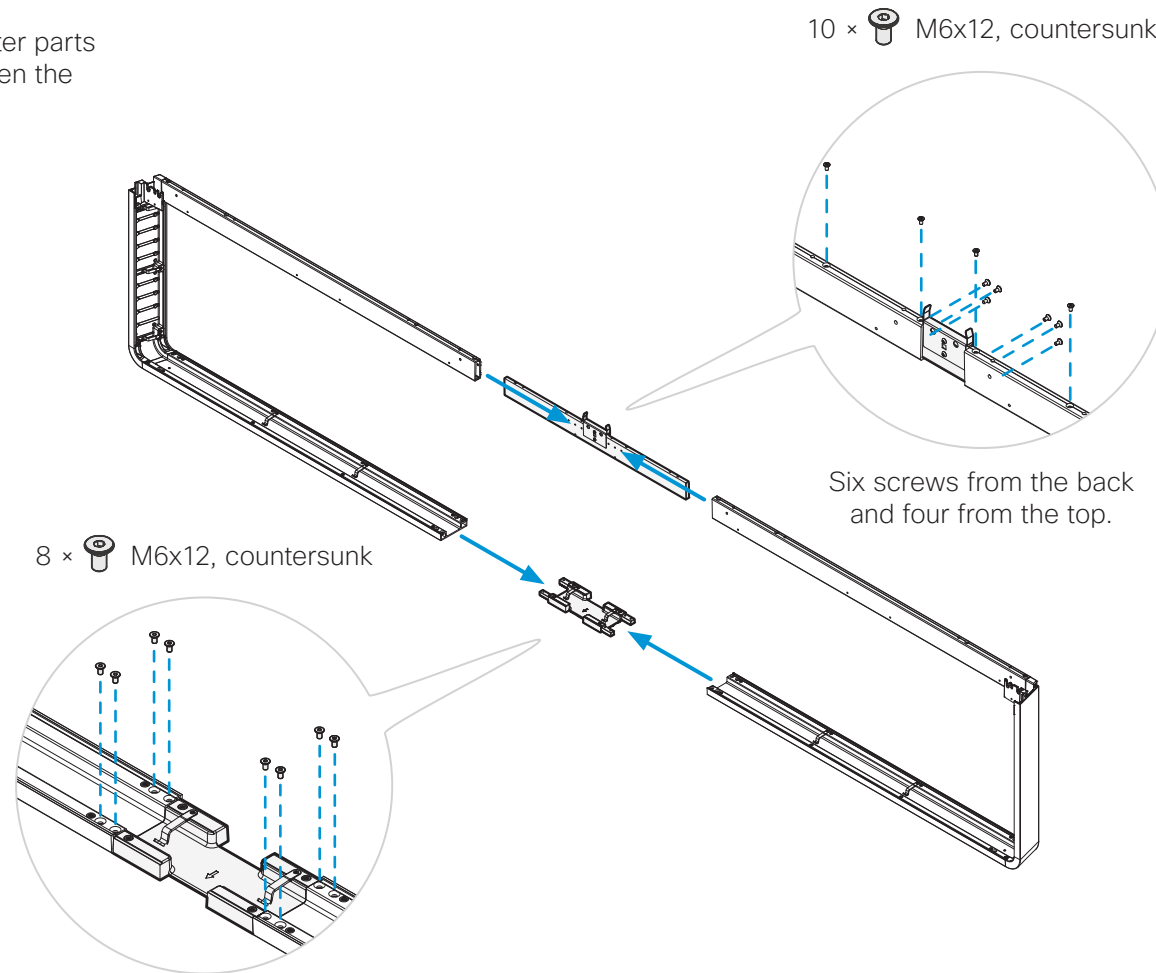
1

Remove covers from floor stand parts

📦 **A**

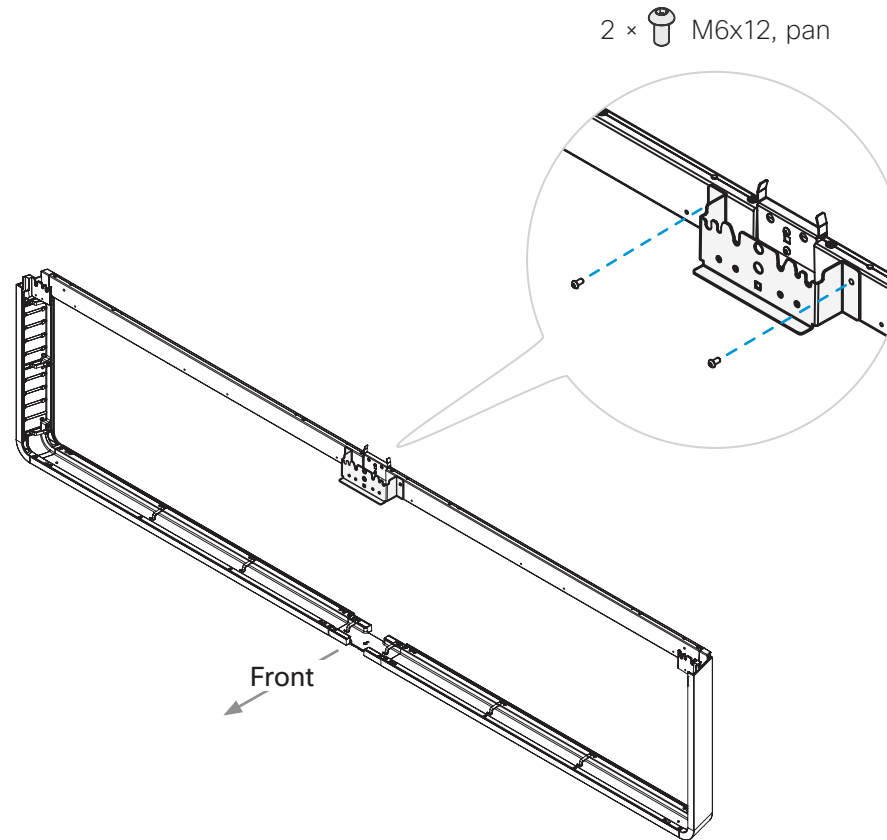Set aside the covers. They will be replaced when the system is fully assembled and tested (step 20).

Front

2 Assemble floor stand

B, I

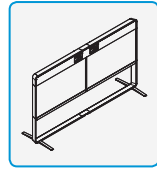Fasten the upper and lower center parts simultaneously, first one side; then the other side.

10 × M6x12, countersunk

8 × M6x12, countersunk

Six screws from the back and four from the top.

3 Fasten center bracket
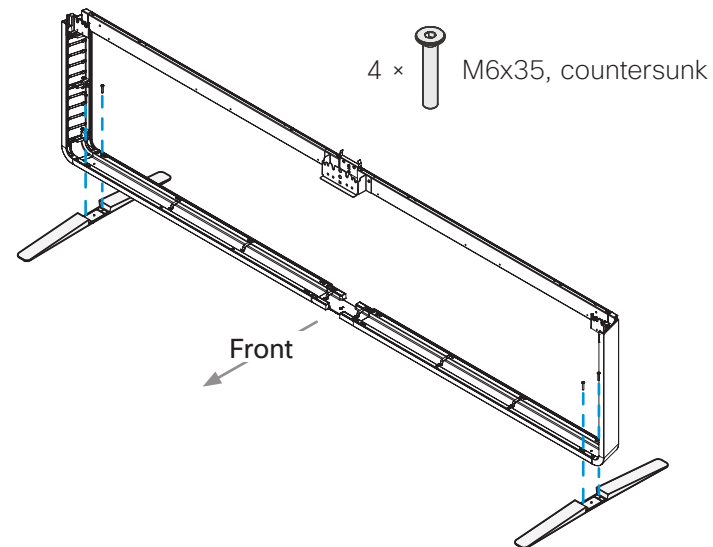
📦 **B**
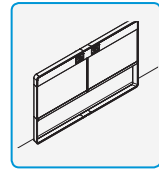
2 × 🔩 M6x12, pan

Front

4 Secure floor stand

📦 **B**

Option A:
Mount the feet to the floor stand to allow it to be free standing.

Option B (secured to the wall) is described on the next page.

4 ×   M6x35, countersunk

Front

4 Secure floor stand

📦 **C**

Option B:
## Use the wall brackets provided to secure the floor stand to the wall.

Option A (free standing with feet) is described on the previous page.

⚠️ **The system must be installed by qualified personnel, in accordance with state and local building regulations.**

The wall and mounting hardware must be able to safely support the product.

1 The wall brackets have two mounting positions. Position the brackets the way that suits your room the best.

94 mm / 3.70 in. 37 mm / 1.46 in.
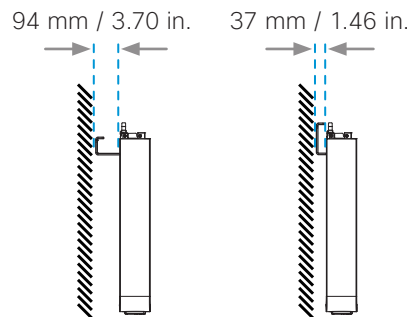
Mounting positions, side view

**2** Mark the screw holes on the wall. The screws pass through the horizontal slots on the wall bracket.

✏️ Hold the wall bracket towards the wall and place the floor stand on the wall bracket. Move them in place and mark the screw holes on the wall. Repeat for the other wall bracket.

Fasten each wall bracket in a secure manner ensuring that the wall's structure is sufficient to support the system (screws/mounting hardware not provided; not shown in illustration).

Front

3 Fasten the floor stand to the wall brackets with the four screws (provided).

4 × 🔩 M6x12, pan
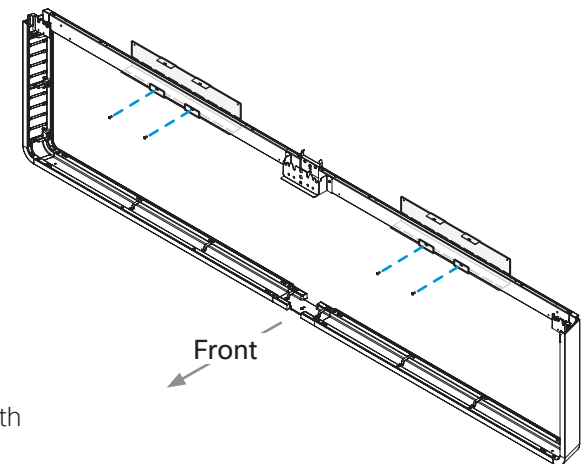
5 Read this before you mount the monitors

The monitors are heavy.

We recommend four people working together to mount the monitors. Two people should lift the monitor using the handles as described below; the other people must help stabilizing the monitor and check that the monitor enters the slots properly.
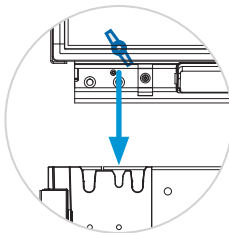
Use lifting handles

To avoid trapping your fingers, use the lifting handles at the bottom of the monitor.
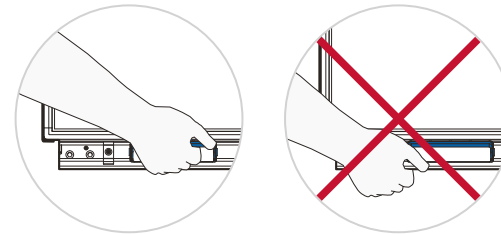
The screws with wing nut, which you can see from the sides of the monitor, must enter the center slot on each side of the floor stand.

Applies to systems that are secured to the wall: To assure that the camera can move freely, fasten two bumpons on the rear of the top profile, close to the camera.
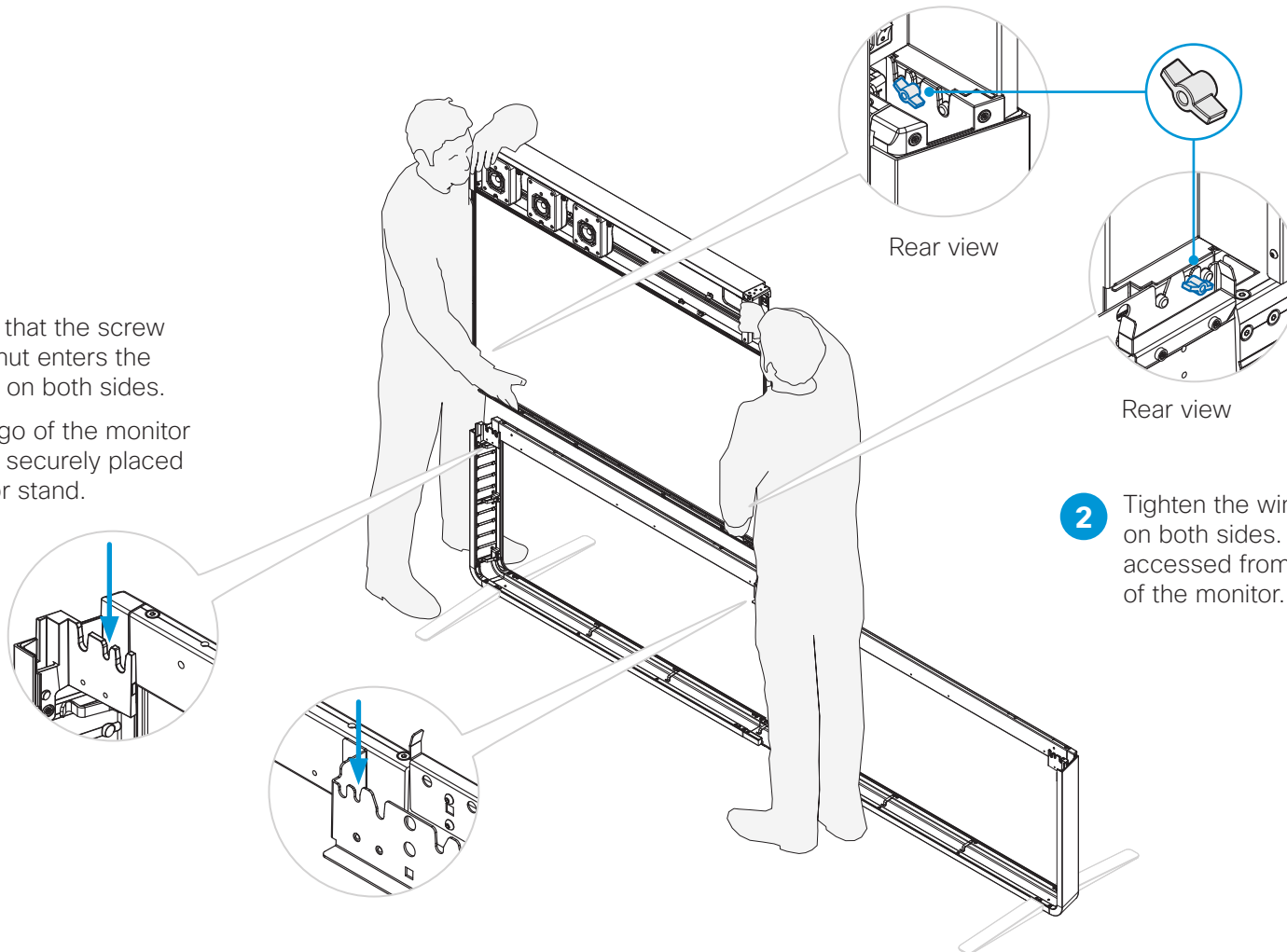
Left monitor, rear

Right monitor, rear
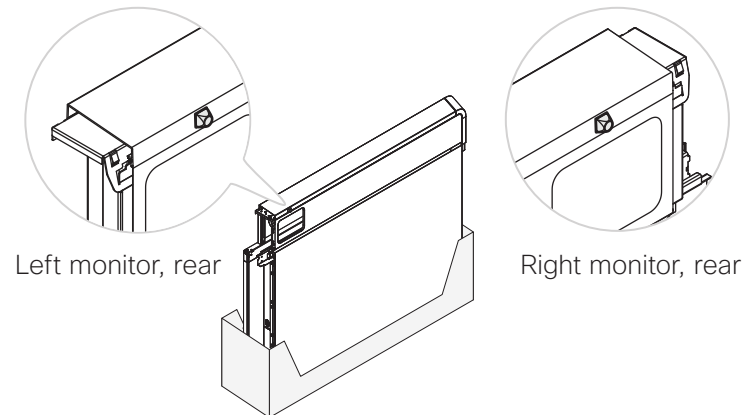
6 Lift left monitor onto floor stand

D   **1**

⚠ **x4**

90 kg / 200 lb

1 Make sure that the screw with wing nut enters the center slot on both sides.

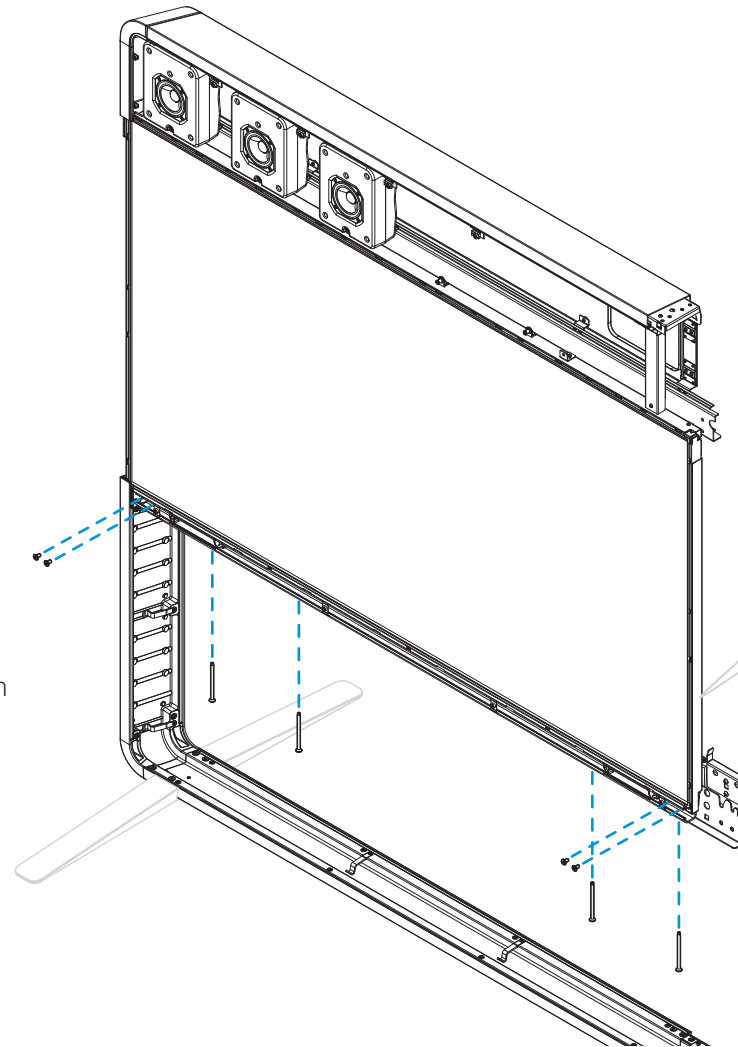Do not let go of the monitor before it is securely placed on the floor stand.

Rear view

Rear view

2 Tighten the wing nuts on both sides. They are accessed from the sides of the monitor.

7 Fasten left monitor to floor stand and connect power cable

4 × M6x90, countersunk
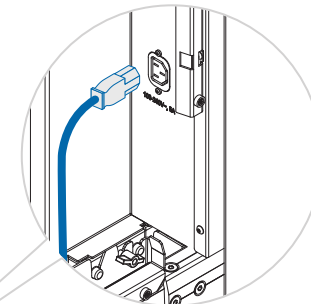
4 × M6x12, countersunk

2 **Connect power cable**

A power cable is strapped at the rear of the monitor. Connect it to the close-by socket.

Let the other end hang freely. It will be connected to the right monitor in step 9.
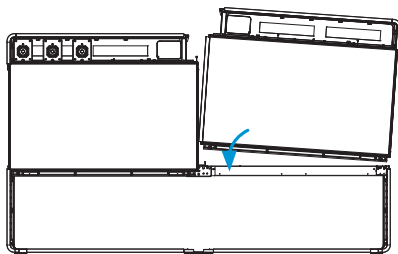
Rear view

1 Enter four screws from front and four screws from underneath. Then, tighten all screws.

8 Lift right monitor onto floor stand
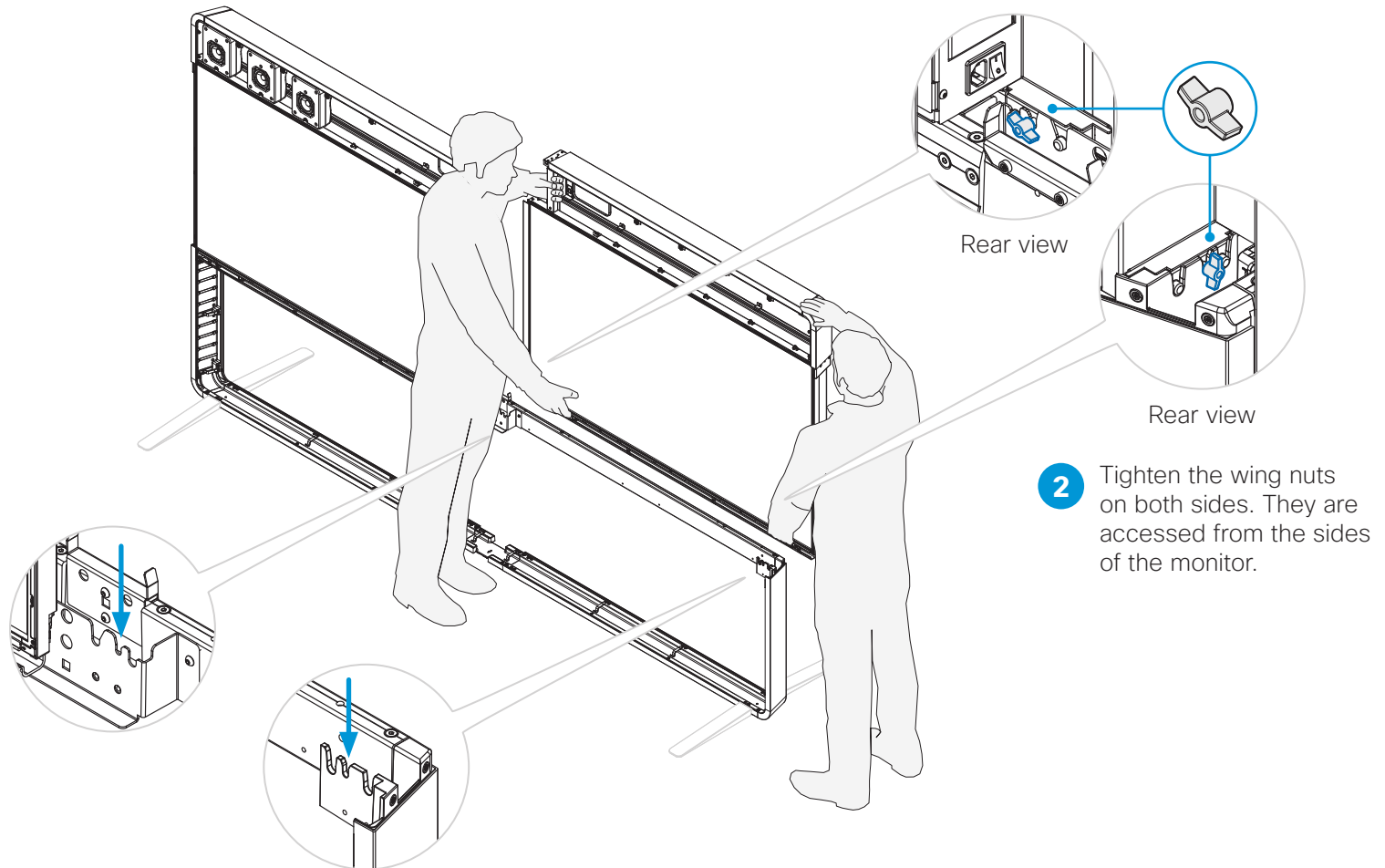
D | 2

⚠ 👤 x4

84 kg / 185 lb

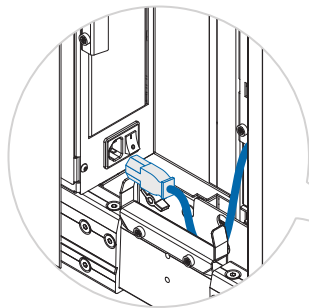**1** Make sure that the screw with wing nut enters the center slot on both sides.

Keep the outer side a bit lower than the side toward the other monitor when lowering the monitor onto the floor stand.

Do not let go of the monitor before it is securely placed on the floor stand.

Rear view

Rear view

2 Tighten the wing nuts on both sides. They are accessed from the sides of the monitor.

9 Fasten right monitor to floor stand and connect power cable

4 × M6x90, countersunk
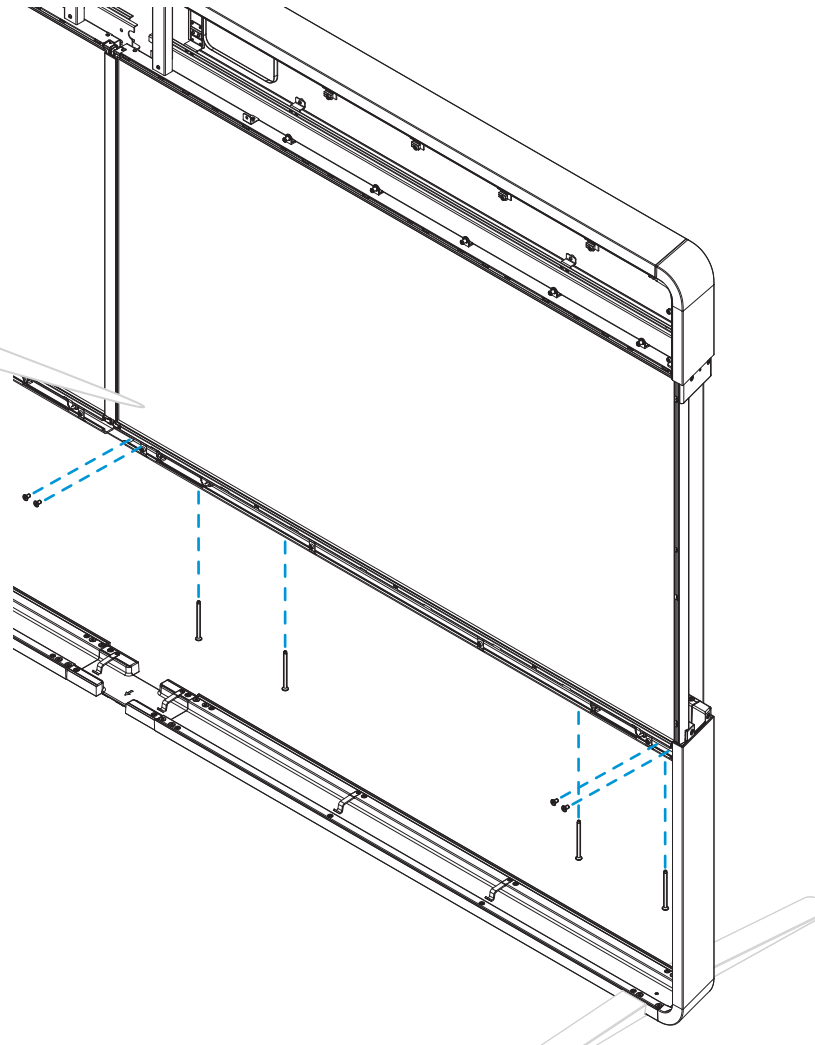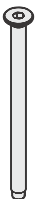
4 × M6x12, countersunk

Rear view

2 Connect power cable

Connect the loose end of the power cable from step 7 to the close-by socket at the rear of the right monitor. The socket must be reached from below.

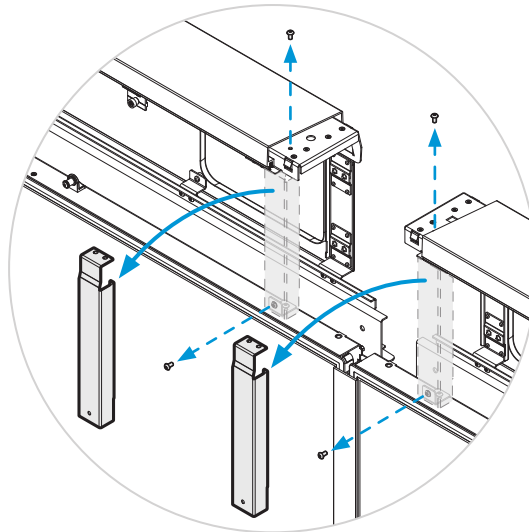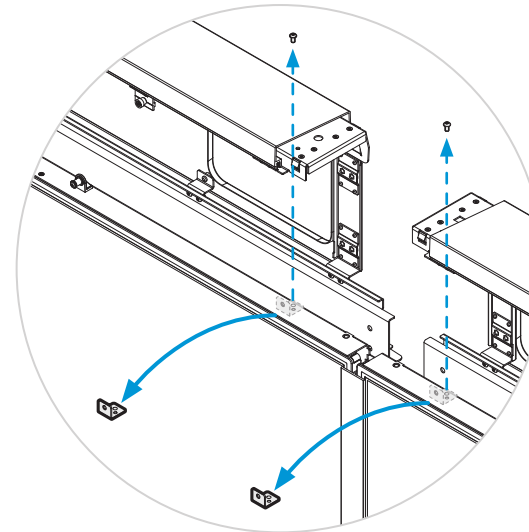Make sure that the power switch next to the socket is in its ON position.

1 Enter four screws from front and four screws from underneath. Then, tighten all screws.
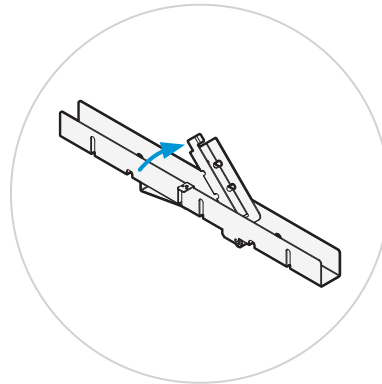
10 Remove support handles

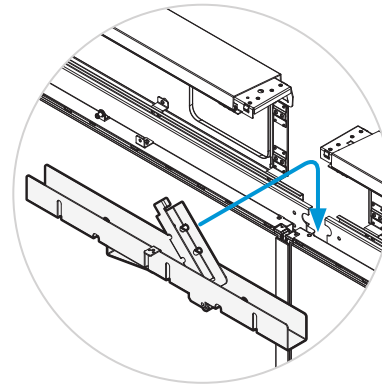**1** Unscrew the screws (4 × M4x8) and remove the support handles.

2 Unscrew the screws (2 × M4x8) and remove the brackets that the support handles were fastened to.
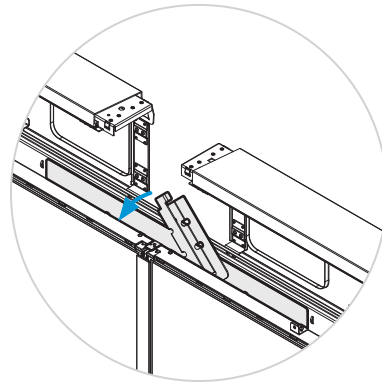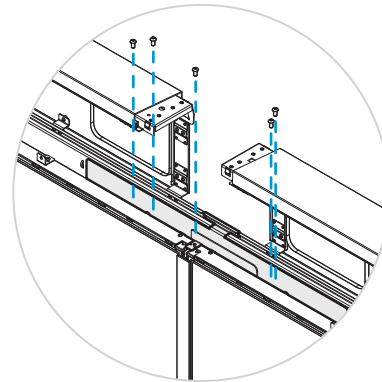
11 Mount joining bracket

E

1 Open the lever.

2 Place the joining bracket in the channel. Make sure it aligns with the channel at the top.

3 Push down the lever to a horizontal position.

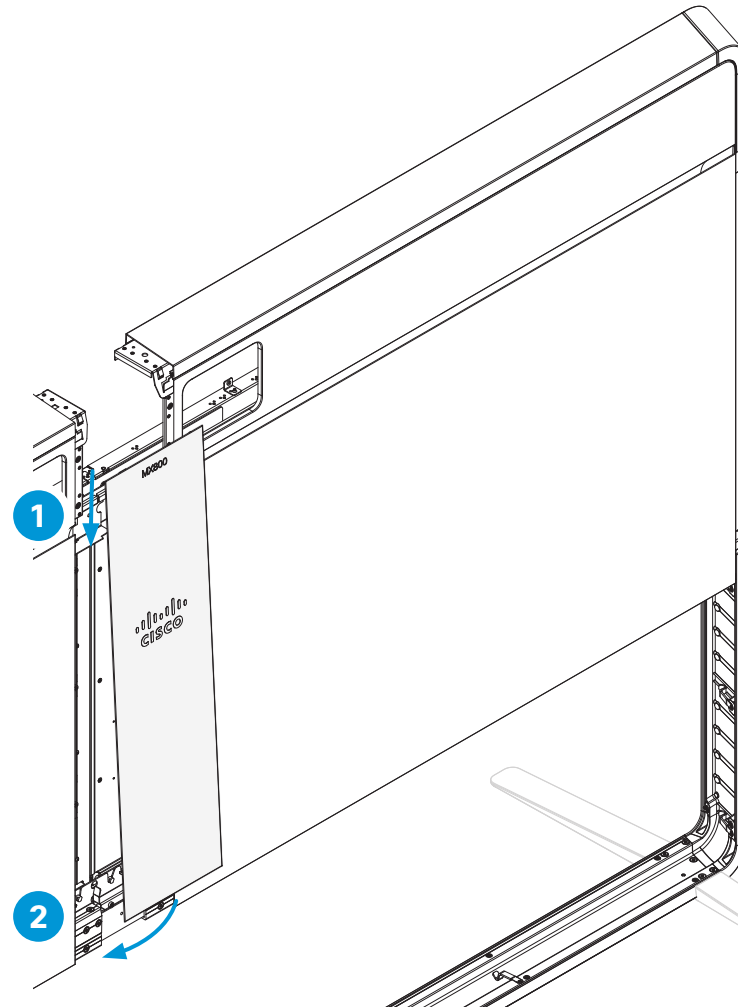

4 5 × M6x12, pan

12 Mount back cover

[box] E

If the system is placed close to the wall the back cover must be mounted from above.

Place the back cover in position at the top, then lower it toward the system. The cover snaps to magnets.
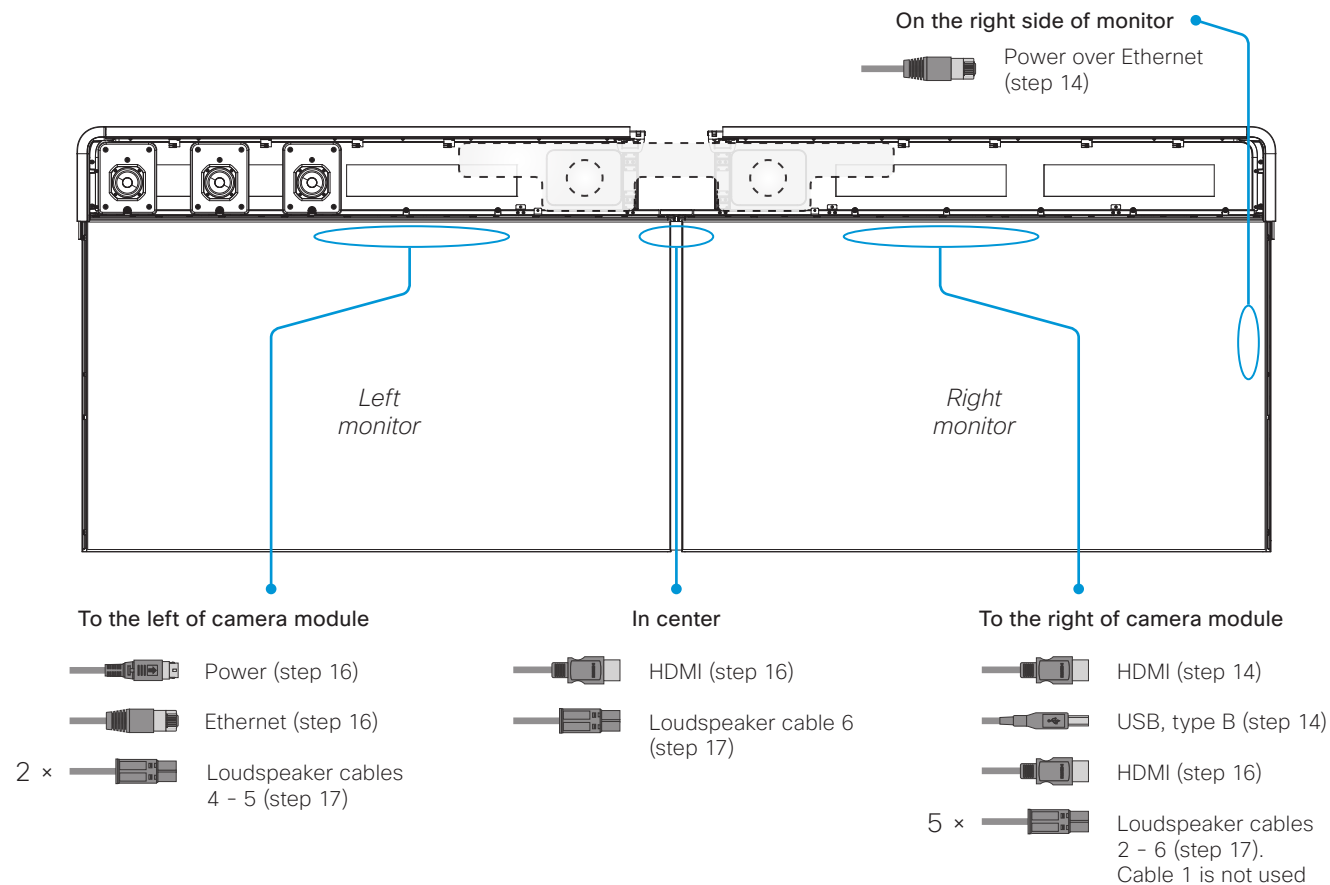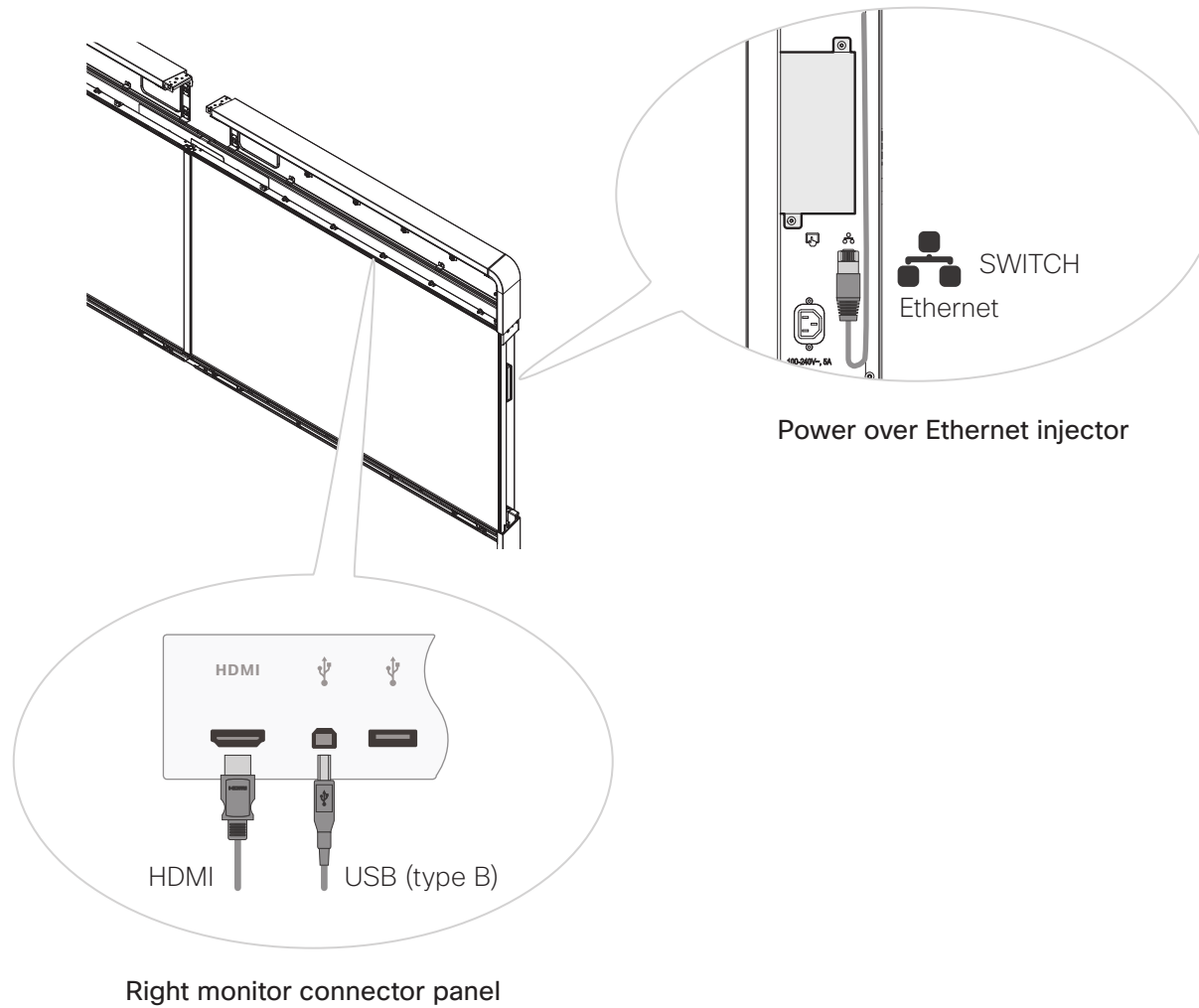
13 Organize pre-mounted cables

Stretch out the cables in the channel on top of the monitors, and place them as illustrated. Do not unplug any cables.

The camera module is connected in step 15 and the cables are connected in steps 14, 16 and 17.

On the right side of monitor

Power over Ethernet (step 14)

Left monitor

Right monitor

To the left of camera module

Power (step 16)

Ethernet (step 16)

2 × Loudspeaker cables 4 - 5 (step 17)

In center

HDMI (step 16)

Loudspeaker cable 6 (step 17)

To the right of camera module

HDMI (step 14)

USB, type B (step 14)

HDMI (step 16)

5 × Loudspeaker cables 2 - 6 (step 17). Cable 1 is not used

14 Connect cables to right monitor and PoE injector

SWITCH

Ethernet

Power over Ethernet injector

HDMI

HDMI   USB (type B)

**Right monitor connector panel**
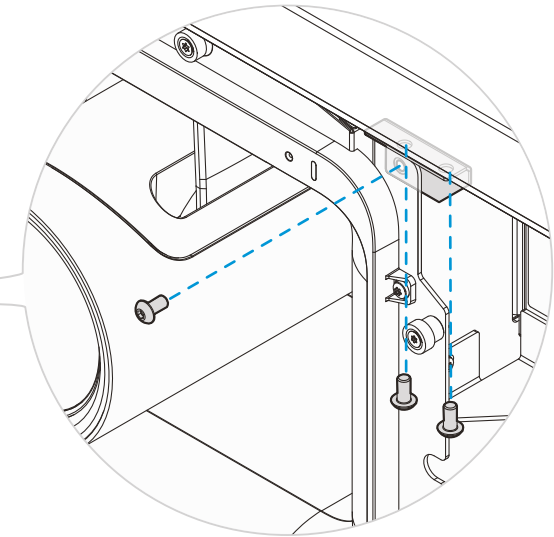
15 Mount camera module (page 1 of 2)

F, G
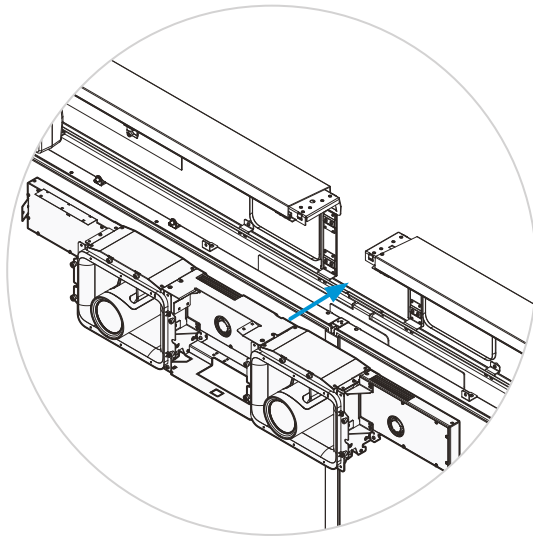
1 We recommend two people working together to mount the camera. One person to insert the camera module; the other person making sure that no cables are pinched.

Make sure that the HDMI cable for the left camera and loudspeaker cable 6 can be accessed through the hole in the bottom plate of the camera module.
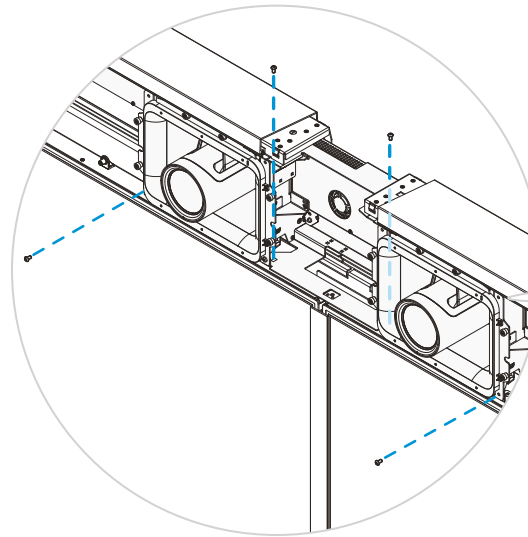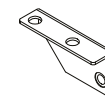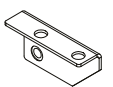
2 4 × M4x8, pan

3 6 × M4x8, pan

Camera support bracket left side

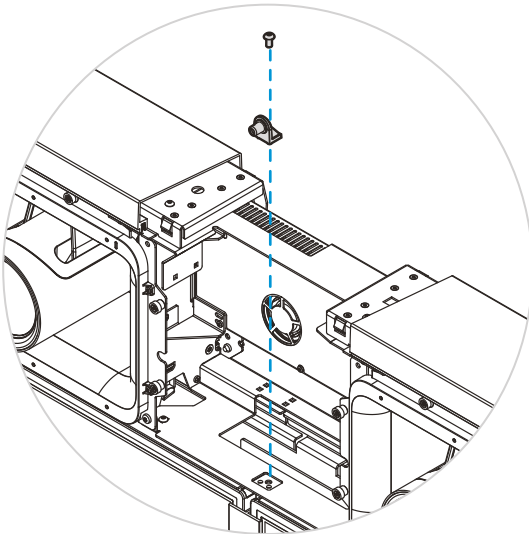Camera support bracket right side

Fasten the right camera support bracket to the upper right corner of the right camera with one screw from the front, and then to the top profile with two screws from underneath.

Similarly, fasten the left camera support bracket to the upper left corner of the left camera and to the top profile.
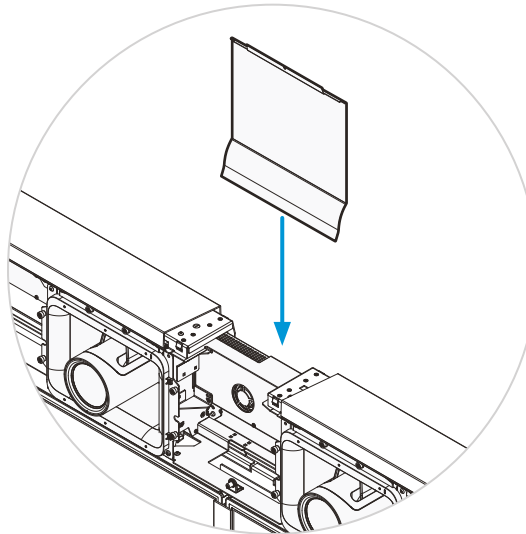
15 Mount camera module (page 2 of 2)

F, G

4 1 × M4x8, pan

1 × Speaker clip

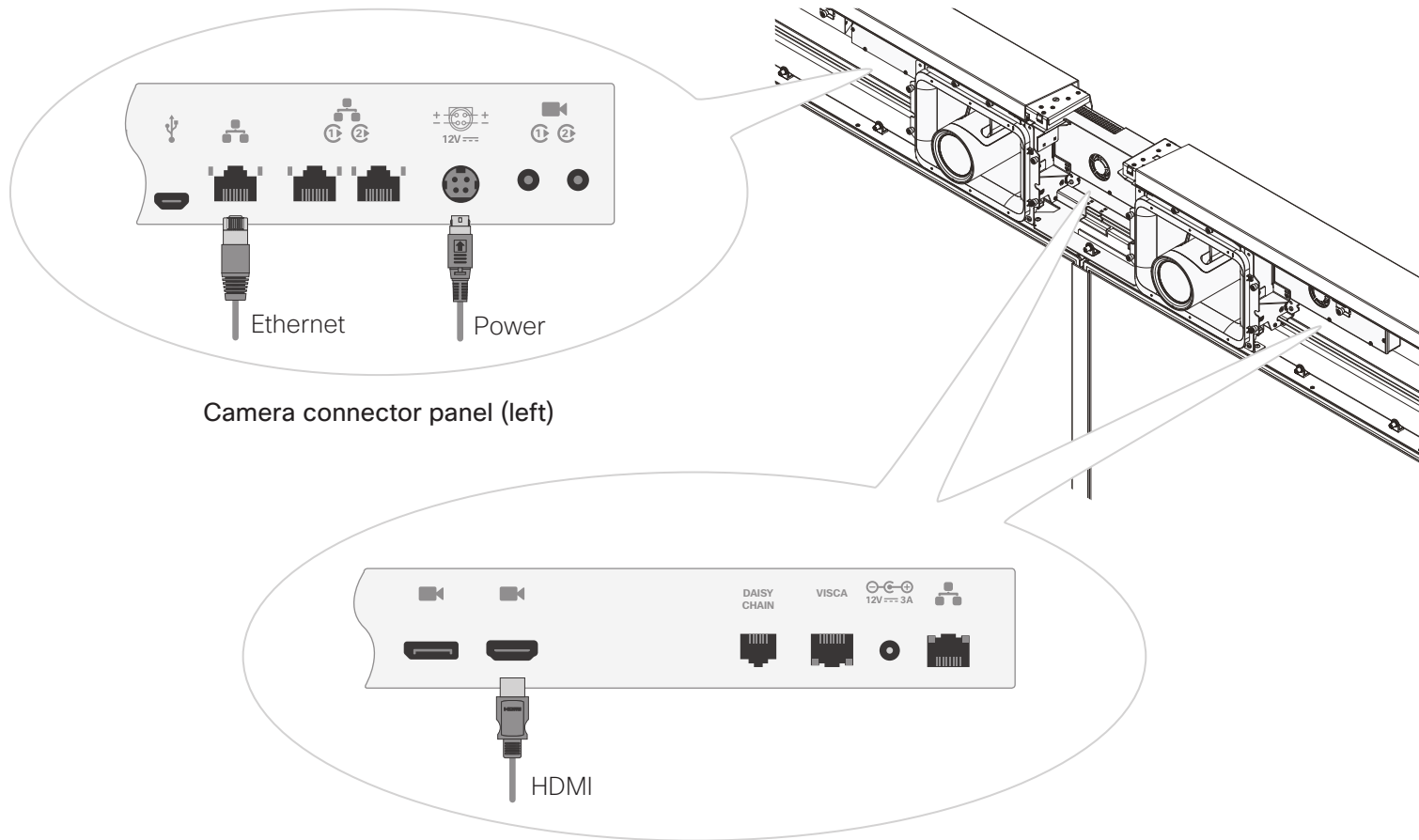Fasten the speaker clip for the center loudspeaker.

5 Enter the camera cover in the clips at the bottom, and align it with the back panels. The cover snaps to magnets.

16

Connect camera cables

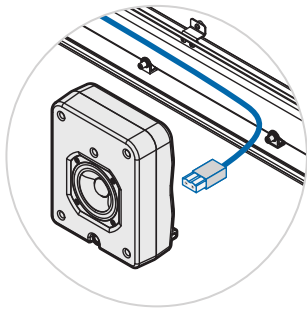Do not disconnect any pre-mounted cables.

Ethernet   Power

Camera connector panel (left)

DAISY CHAIN   VISCA   12V ⎓ 3A

HDMI

Camera connector panels
Connect an HDMI cable in the middle and an HDMI cable on the right side.

17 Mount loudspeakers

H

Three loudspeakers are pre-installed. Follow steps 1–3 for the remaining eight loudspeakers.

The loudspeaker cables are marked with a number. These numbers must match the position of the loudspeakers, as shown here.

Cable 1 above the right monitor is not used.

1 Connect the cable to the loudspeaker. Use the cable that is marked with the correct loudspeaker position. Loudspeaker cable 1 above the right monitor is not used.
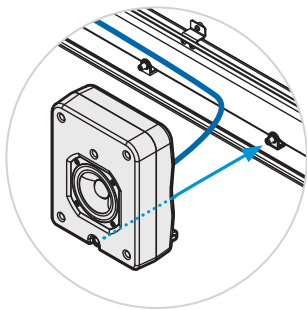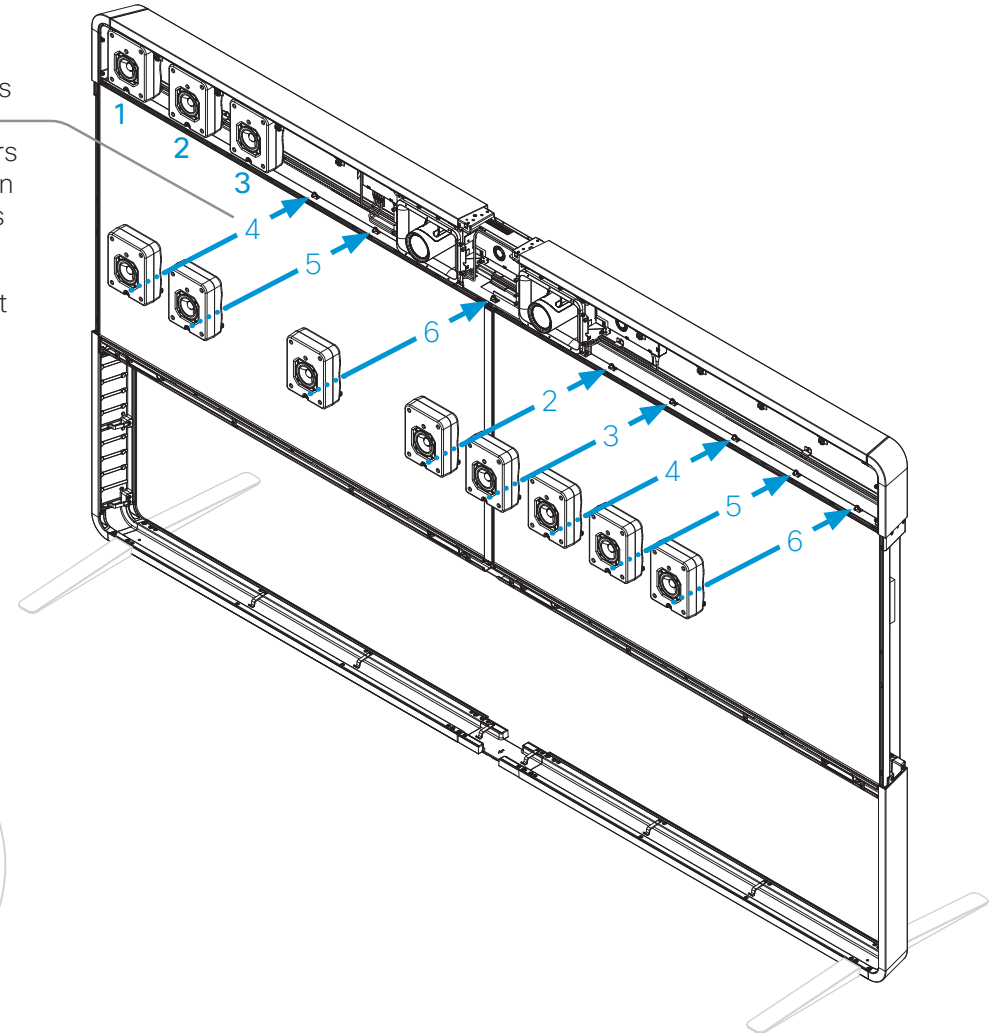
2 Enter the loudspeaker onto the speaker clip. Make sure that no cables are pinched.
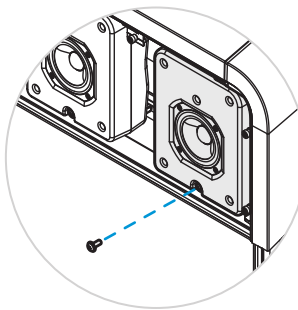
3 Fasten with one screw.

8 × PT4x10 (one for each loudspeaker)

18 Connect external cables (page 1 of 2)

I, J

⚠ Make sure the cameras can move freely before connecting power.

Microphones (max 8)

⚠ Always use the power cables provided.

The plug-socket combination must be accessible at all times, because it serves as the main disconnecting device.
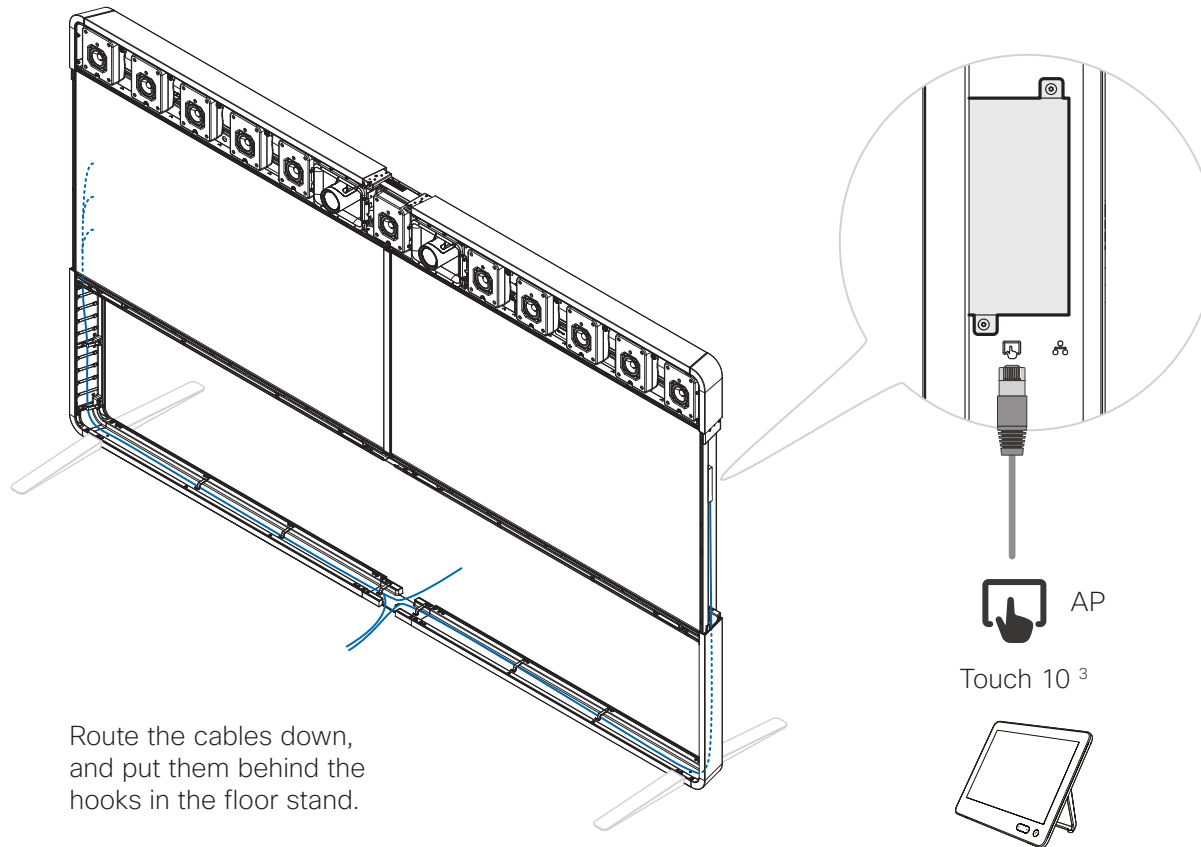
Power (100–240 VAC, 50/60 Hz), extension cord and country-specific cable

Network [1]

Codec connector panel

Video input e.g. computer [2]

Route the cables down, and put them behind the hooks in the floor stand.
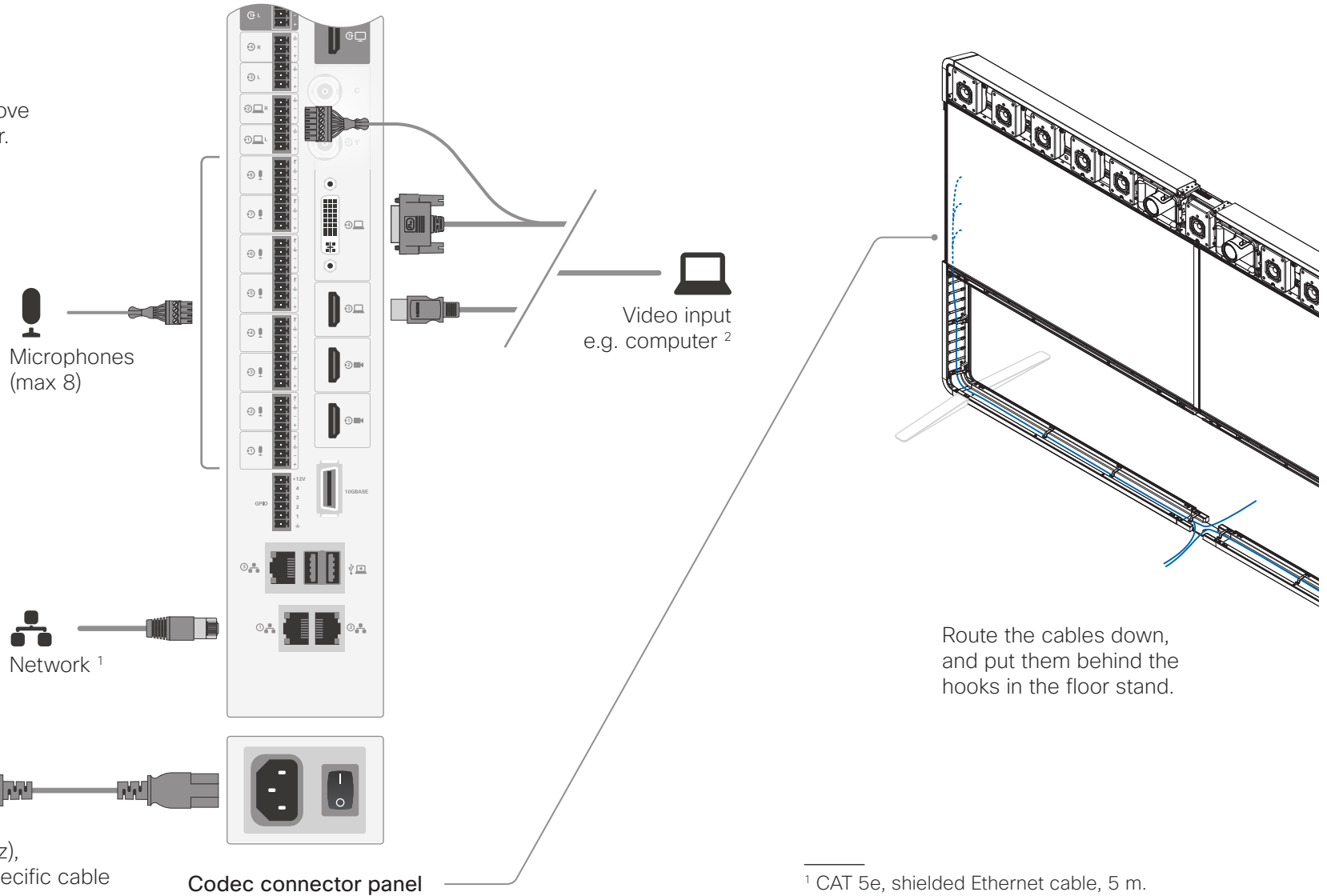
[1] CAT 5e, shielded Ethernet cable, 5 m.

[2] Two presentation cables are provided: HDMI ↔ HDMI; and DVI/Euroblock ↔ VGA/mini jack.

18 Connect external cables (page 2 of 2)

📦 **I, J**

Route the cables down, and put them behind the hooks in the floor stand.

AP

Touch 10 [3]

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[3] The Ethernet socket is behind the lid at the rear of Touch 10. Use one of the provided PoE rated CAT 5e Ethernet cables, 12.5 m or 4 m, flat.

19 Start up the system

- Remove the protection foil from the displays.

- Make sure the cameras can move freely.

- Insert the network and power cables into the wall outlets.

- Switch on the system.

  The power switch is located directly below the codec, next to the power connector.

  Wait a few minutes while the system starts up. The start-up may include automatic software upgrade and restart of Touch 10 and cameras.

  Follow the instructions on the Touch controller.

  Cisco Webex: To find more information on how to get started, visit https://collaborationhelp.cisco.com and look for Getting Started articles for room devices.
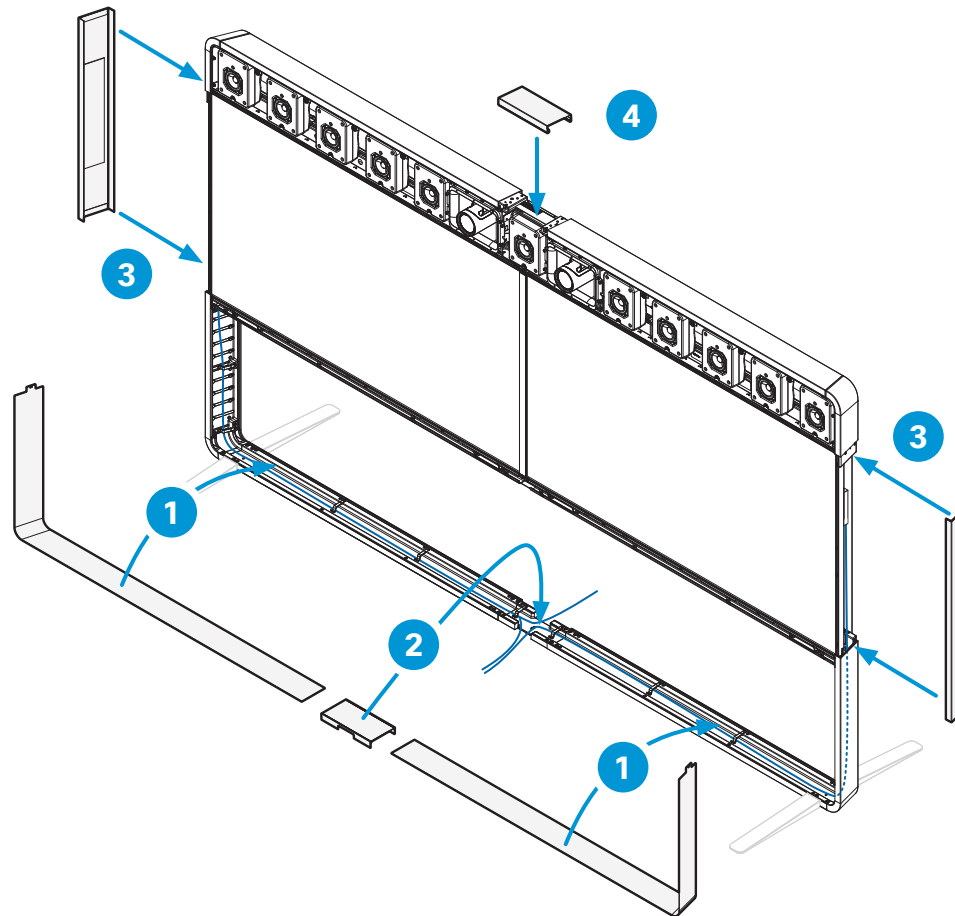
  Other services: For further information on set-up and configuration, download the Getting Started Guide from the Cisco web site, https://www.cisco.com/go/mx-docs

20

Mount covers

K

The top cover is fastened by clips.
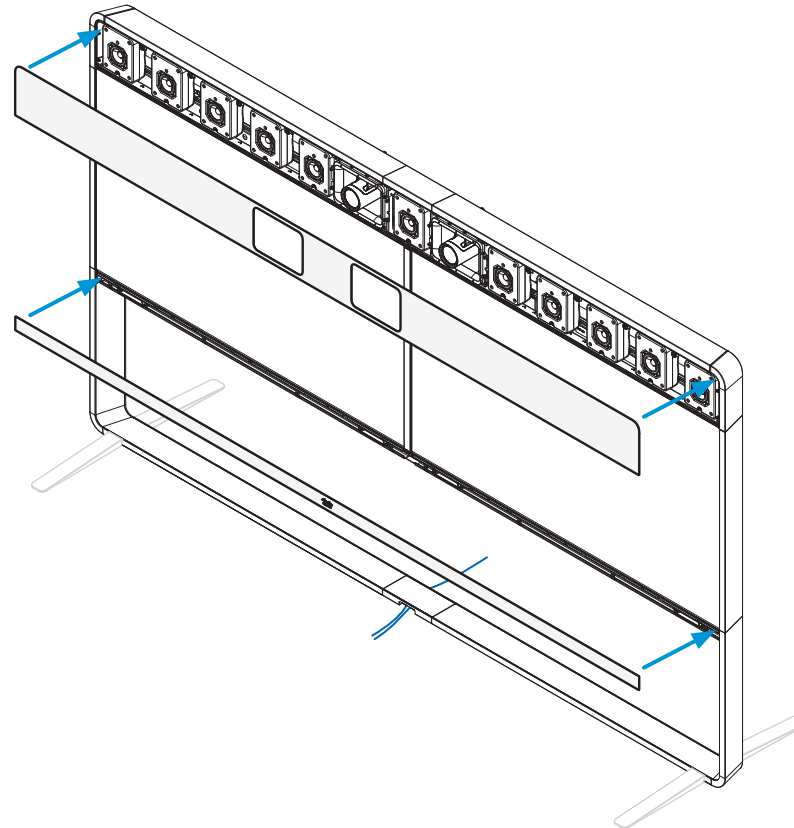The other covers snap to magnets.

21

Mount textile grilles

L, M

Use the provided gloves when handling the textile grilles.

The grilles snap to magnets.

For a list of offices, visit the Cisco website at https://www.cisco.com/go/offices