



Important

To ensure proper installation, follow the steps and safety precautions in this document. The rolling stand can support a maximum weight of 120 kg (264 lbs). The recommended display sizes for this stand range from 55" to 86". Mounting other equipment on the stand may result in damages and injuries.

Installation Guide

Motorized Rolling Stand

MT02E

Safety information

Important safety information for installers and users

Safety note for installers

Before installation, carefully read the safety information and relevant procedures in this document. Failure to read, thoroughly understand, and follow all the instructions in this document can result in serious personal injury and damage to the equipment.

Safety notes for users

Before using the stand, carefully read and follow the safety instructions in this document to prevent injuries and accidents.

Electrical Safety

- Connect the unit to a properly grounded outlet.
- Ensure that the outlet is easily accessible to allow you to connect and disconnect the power cord at any time.
- Ensure that all cables are properly stowed to prevent snagging and other accidents.
- In case any of the cables are damaged, replace them immediately with identical cables.
- Ensure that the power cord is disconnected from the outlet before moving or cleaning the stand.
- When cleaning the stand, only use a dry anti-static cloth.
- Place the stand in a dry area, and protect it from moisture or exposure to liquids.
- In case the stand malfunctions, disconnect it from the power source, and then contact an authorized technical service personnel.
- Do not attempt to dismantle the stand. There are no serviceable parts inside. Attempts to the dismantle the stand may cause serious injury.

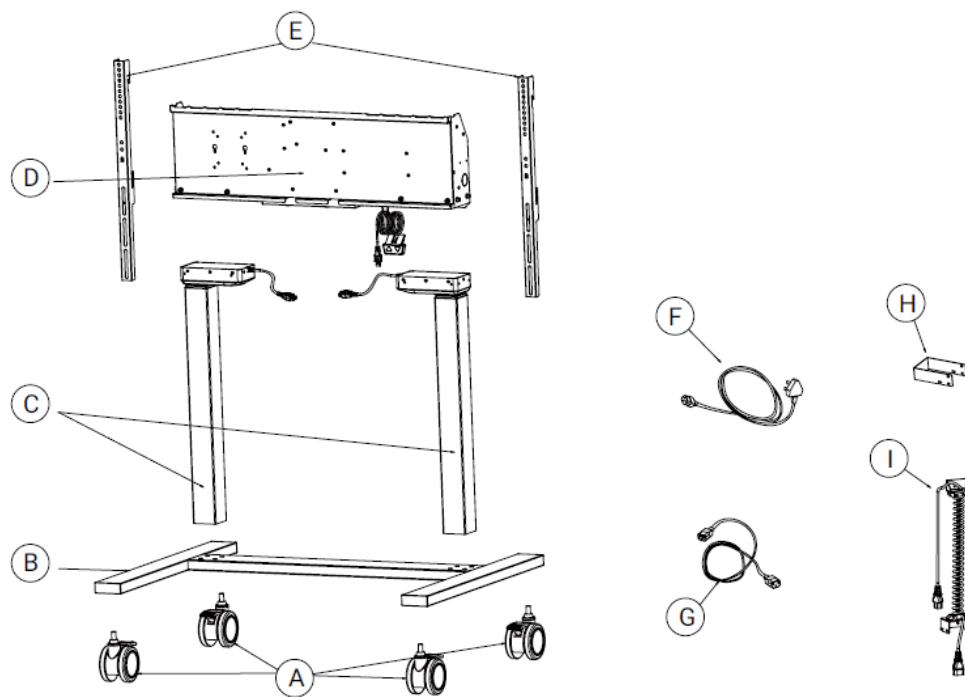
Mechanical Safety

- The recommended display sizes for this stand range from 55" to 86".
- The maximum weight limit of the stand is 120 kg (264 lbs). Do not overload the stand.
- Exceeding the weight limit of the stand can result in serious personal injury or damage to the equipment.
- Exceeding the weight limit of the stand can cause the height adjustment to malfunction.
- When moving the stand, ensure that the path is free from obstacles and that the floors are flat and stable to prevent risks of tilting or tipping over the unit.
- Hold the columns of the stand when moving the unit. Do not attempt to move the unit by pushing or pulling the mounted display.
- Only move the stand sideways. Do not attempt to push or pull the stand forward or backward to prevent risks of it tilting or tipping over.
- Do not attempt to physically lift the stand so as to prevent serious personal injury or damage to the equipment.
- Always move the unit with the stand height set to the lowest position.
- Before adjusting the height of the stand, ensure that there is at least a 20 cm (7.9 in) distance between the unit and any other objects to prevent collision.
- Keep fingers and other body parts away from moving parts.
- In case of an accident during height adjustment, immediately stop operating the stand.
- Any installation, maintenance, and dismantling should be done by trained professionals.

Intended use of the product

- The product is intended to be used for the mounting and height adjustment of non-touch or interactive large-format displays.
- The product is intended for indoor usage in classrooms, offices, or meeting rooms at temperatures between 0 to 40°C (32 to 104°F). Make sure that the indoor environment is dry and cool, and that the normal operating humidity is 10%-90% RH.
- Do not use this product outdoors.
- The product is intended to be used by adults. Children under the age of 16 should only use the product under adult supervision.
- The motor supports up to 2 minutes of continuous use.
- The motor is intended for intermittent use. Continuous use beyond 2 minutes will result in overheating, and the safety system will switch off the motor until it has fully cooled down.
- If overheating occurs, wait for the motor to cool down for at least 18 minutes before operating.
- The product will automatically stop height adjustment and reset to 50 mm when it detects any obstruction.

Package contents



Component		Quantity
A	Caster wheel	4
B	Base	1
C	Lifting column	2
D	Mounting frame	1
E	Mounting bracket	2

Component		Quantity
F	Power cord	1
G	Power extender cable	1
H	Spring cable bracket	1
I	Spring cable	1

Component		Quantity
J	#5 hex wrench 	1
K	13 mm washer 	5
L	M6 × 45 mm screw 	9
M	M6 × 12 mm screw 	11

Component		Quantity
N	M8 × 25 mm screw 	5
O	M4 × 6 mm screw 	6
P	Cable clip 	6

Installation

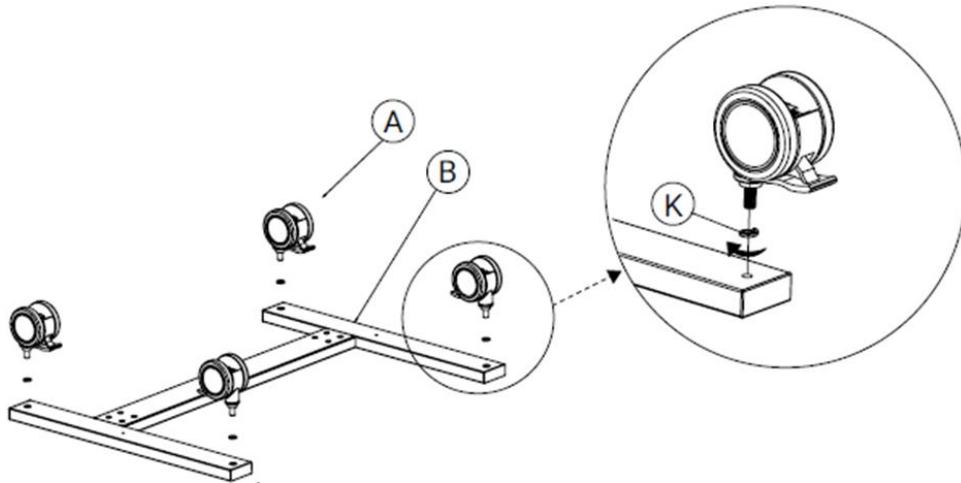
⚠ Important

To prevent serious physical injuries and damage to the unit, ensure the following:

- The stand and display are installed by at least two qualified technicians. BenQ accepts no liability for installations not performed by a professional technician.
- The unit is securely set up in accordance with the installation instructions.

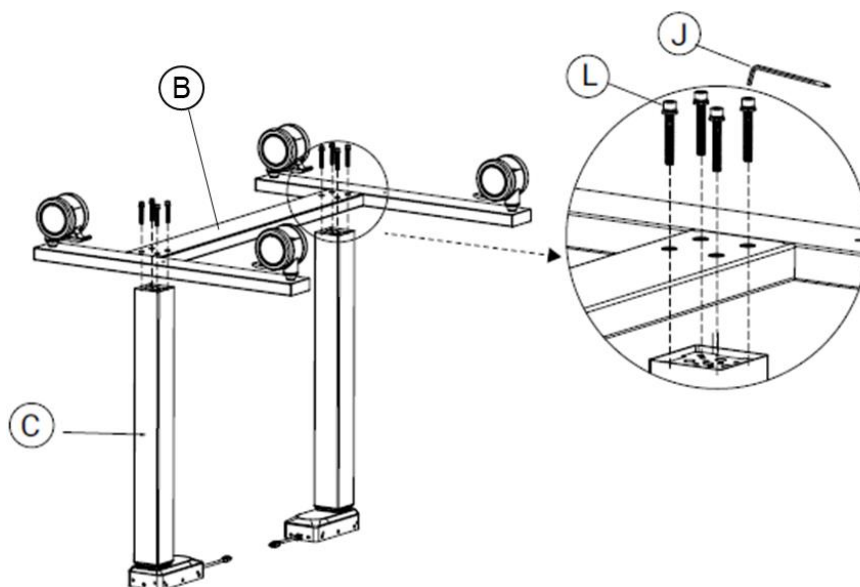
1. Install the caster wheels to the base.

- a. Place the base (B) upside down on a clean, flat, stable surface.
- b. Align the washers (K) and caster wheel screws (A) to each hole on the base.
- c. Rotate each wheel clockwise until all four wheels are securely attached to the base.

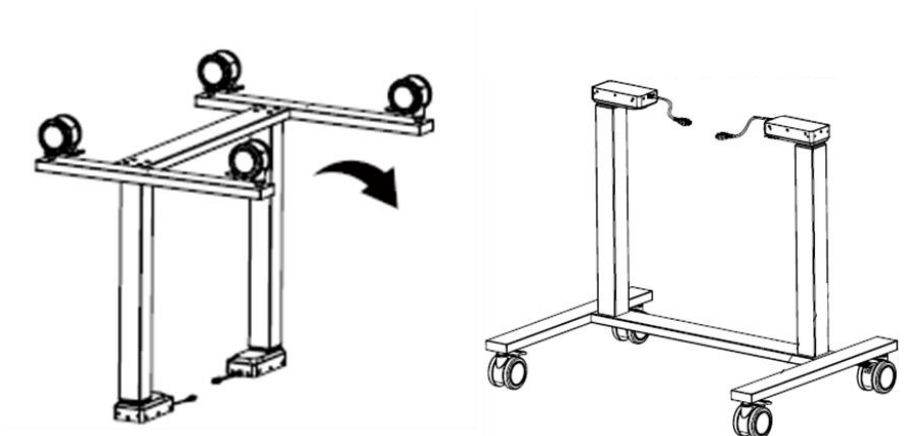


2. Install the lifting columns.

- a. Carefully place the lifting columns (C) upside down. Ensure that the motor cable connectors on each column are facing each other.
- b. Align the holes of the base (B) to the holes of both columns.
- c. Attach the M6 × 45 screws (L).
- d. Ensure that the base is securely attached to both columns.

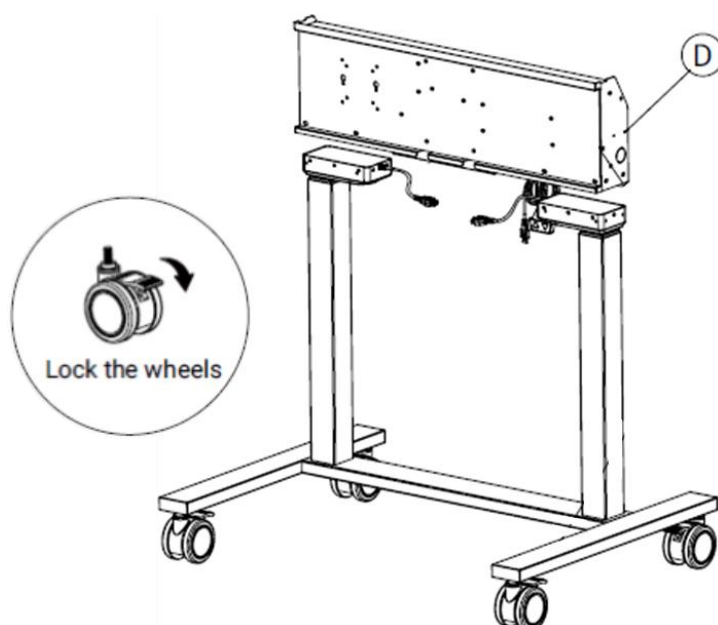


- e. Place the assembled base in an upright position.

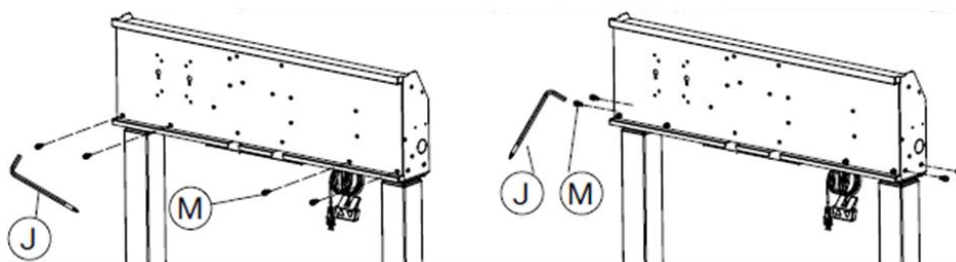


3. Install the mounting frame.

- a. Lock the wheels in place.
- b. Carefully place the mounting frame (D) on top of the lifting columns (C).
Ensure that the front of the frame and the longer side of the base are facing the same direction.

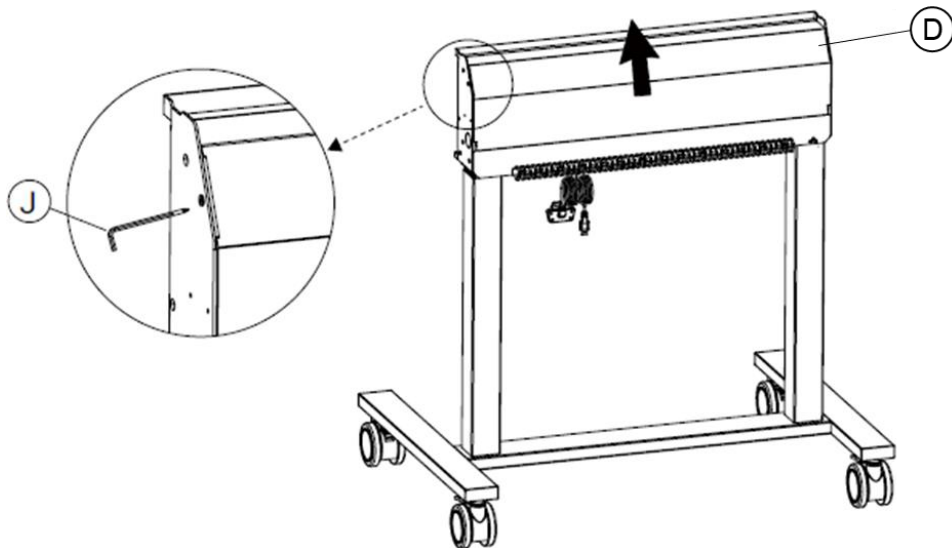


- c. Partially attach the M6 × 12 mm screws (M) into the holes at the front and sides of the frame.
- d. Once all the screws are in place, tighten all the screws.
- e. Ensure that the frame is securely attached to both columns.

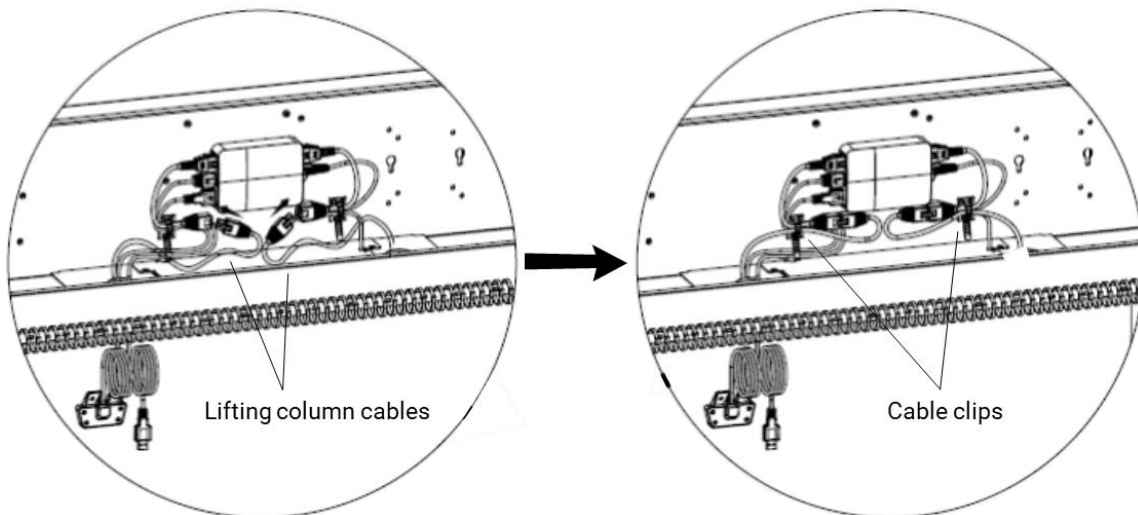


4. Connect the motor cables.

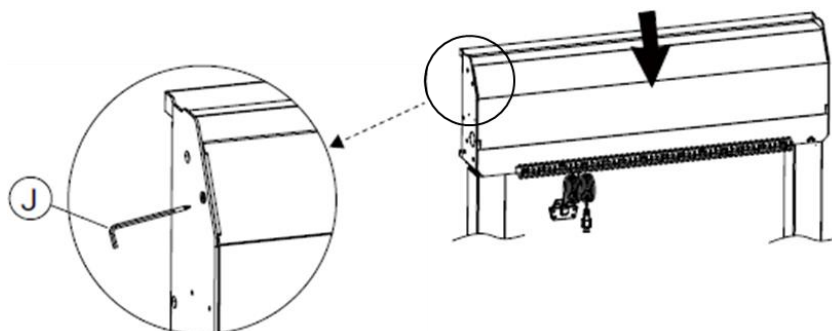
- a. Remove the panel cover screws from the back of the mounting frame (D), and then lift the panel cover.



- b. Connect the cables of the lifting columns (C) with the cables of the frame.
c. Use the cable clips (P) to organize the cables.



- d. Close the panel cover, and then reattach the screws.



5. Install the mounting brackets.

- Place padding on a flat, horizontal, and object-free surface.

⚠ Important

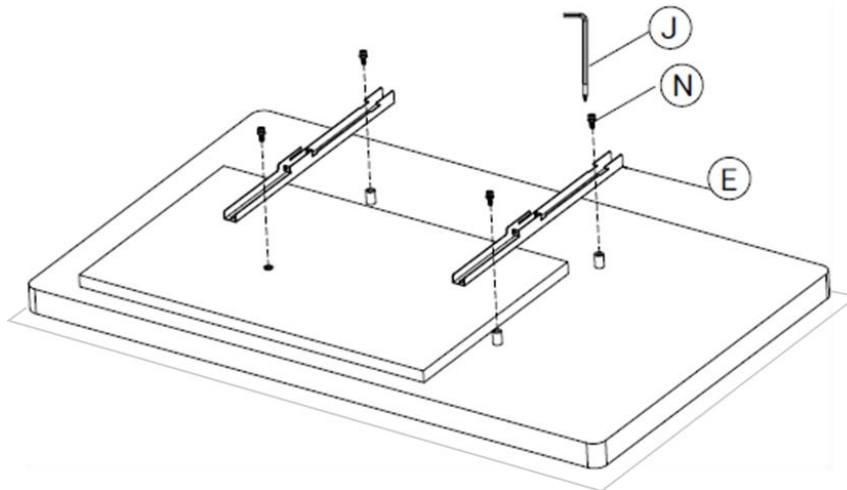
- Ensure that the padding is clean, soft, and dry to prevent leaving marks on the screen.
- Ensure that the size of the padding is larger than the display.

- Gently lay the display on the padding with the screen facing down.

⚠ Warning

To prevent damage to the display, do not step, lean, or put pressure on the display when installing the mounting brackets.

- Align the holes of the mounting brackets (E) with the holes at the back of the display.
- Attach the M8 × 25 mm screws (N).
- Ensure that the brackets are securely attached to the display.



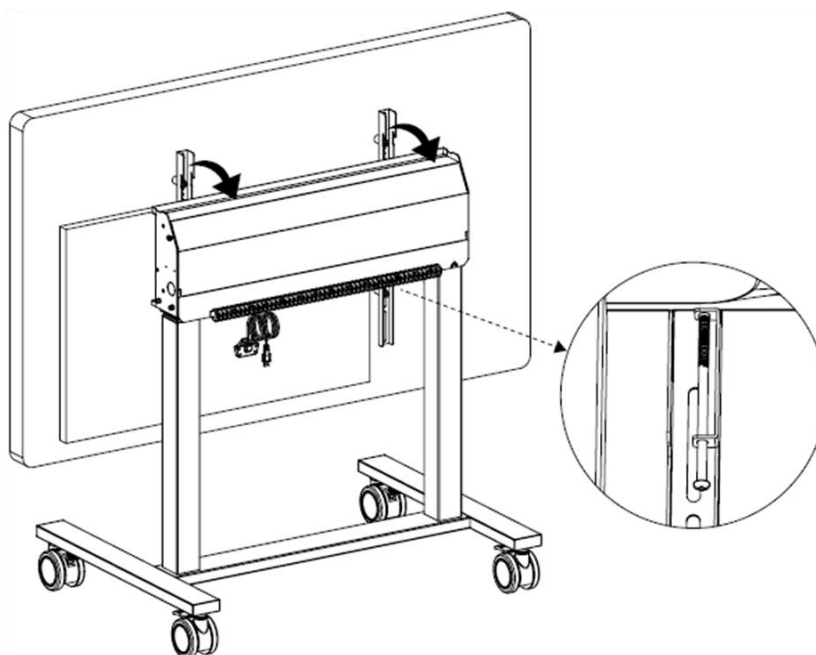
6. Mount the display on the frame.

- Carefully lift the display to its upright position, and then carry it towards the trolley.

⚠ Important

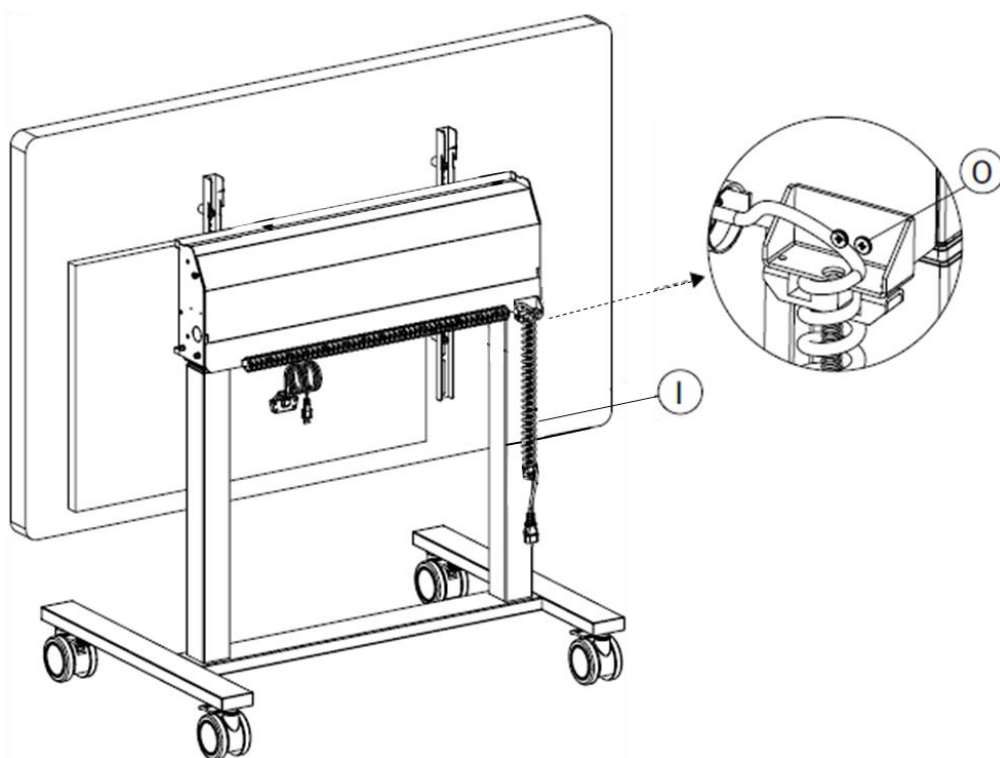
- The display should be handled by two people, one person on each side.
- Use both hands to lift the display. Keep one hand on the handle with the other hand supporting the bottom corner.

- Align the bracket hooks with the mounting plate, and then carefully mount the display onto the frame.
- Attach the locking screws until they are fully secured to the mount.



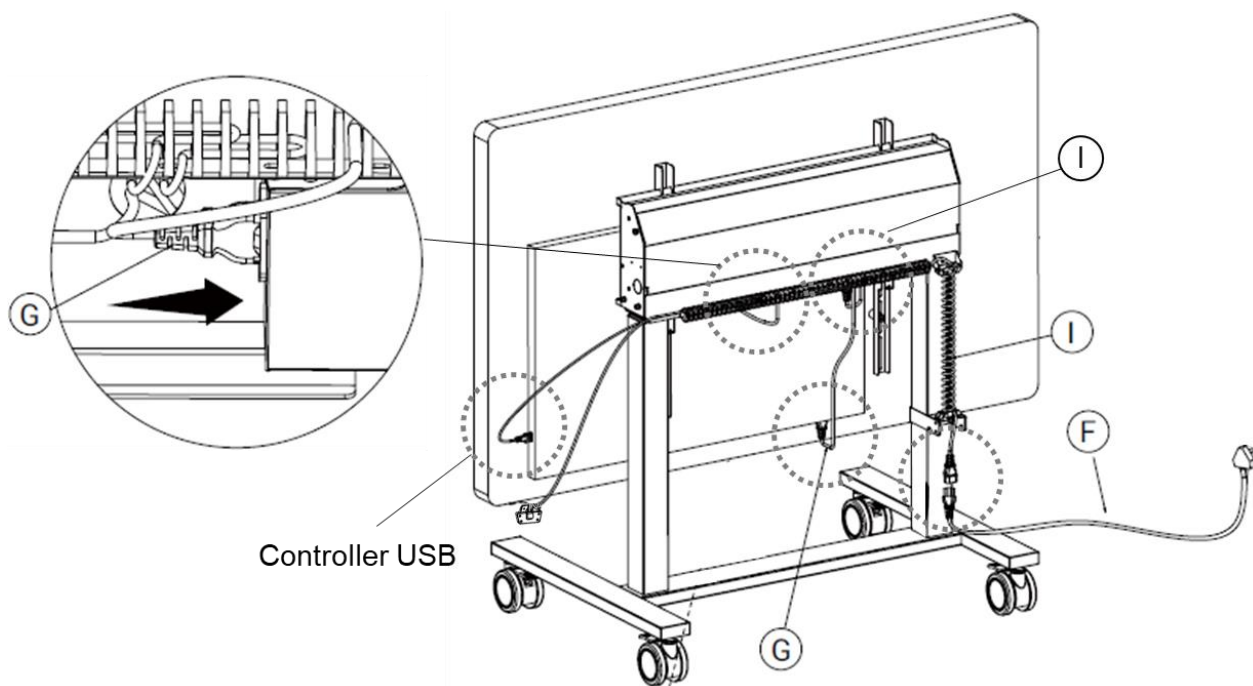
7. Install the spring cable.

- Align the holes of the spring cable (I) with the holes at the back of the mounting frame.
- Attach the M4 × 6 mm screws (O).
- Ensure that the spring cable is securely attached to the frame.



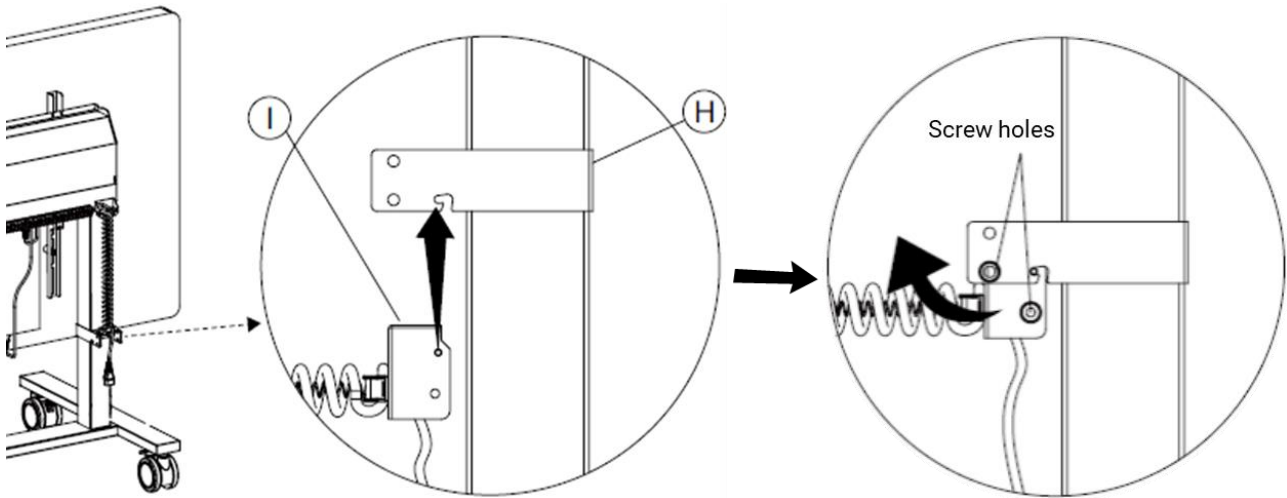
8. Connect the cables.

- Connect the spring cable (I) to the power port at the bottom of the mounting frame.
- Connect the power extender cable (G) to the side power out port and the power in port of the display.
- Connect the controller USB cable to the display.
- Connect the power cord (F) to the spring cable (I).

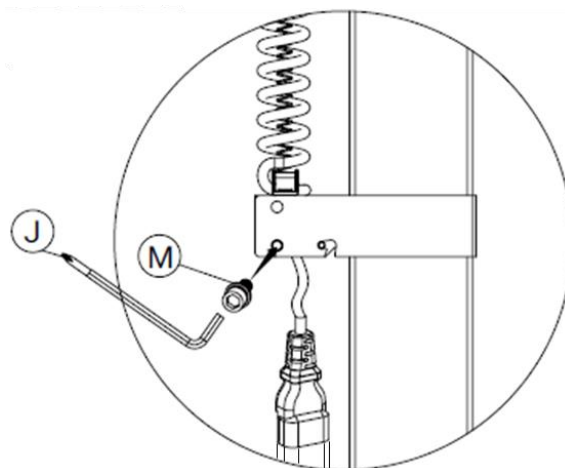


9. Secure the spring cable on the column.

- a. Place the spring cable bracket (H) on the column.
- b. Insert the pin at the base of the spring cable into the notch of the bracket.
- c. Rotate the base of the spring cable until both the screw holes are aligned.

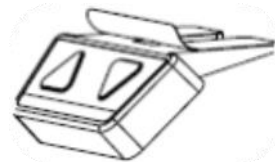


- d. Attach the M6 × 12 mm screw (M) to the bottom hole of the bracket.



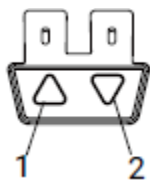
10. Attach the controller.

- a. Select an area at the bottom of the display where you will attach the controller. Ensure that the surface is flat, clean, and dry.
- b. Remove the protective film from the adhesive on top of the controller.



- c. Attach the controller to the display.

Controller



Item		Function
1	Up button	Raise the height of the stand.
2	Down button	Lower the height of the stand.

Important

Reset the controller when using it for the first time.

Resetting the controller

Press and hold the down button for 5 seconds.

The columns automatically drop to the lowest point and then automatically rebound 7 mm. If the rebound height is 50 mm, you need to perform a forced reset.

Force resetting the controller

Press and hold the down button for 10 seconds.

If the rebound height is 50 mm, perform another forced reset until the rebound height is 7 mm.

Power consumption

The MT02E motorized rolling stand consumes less than 0.5W while on standby. It automatically enters standby mode after 2 minutes of inactivity.