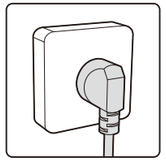
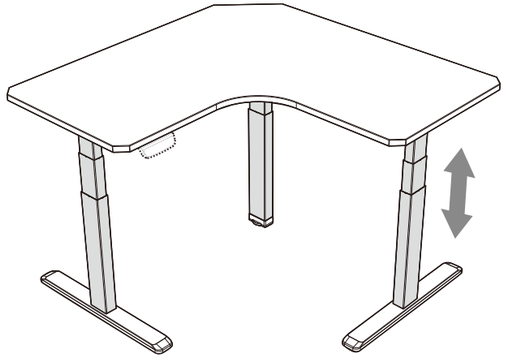
Height Adjustment

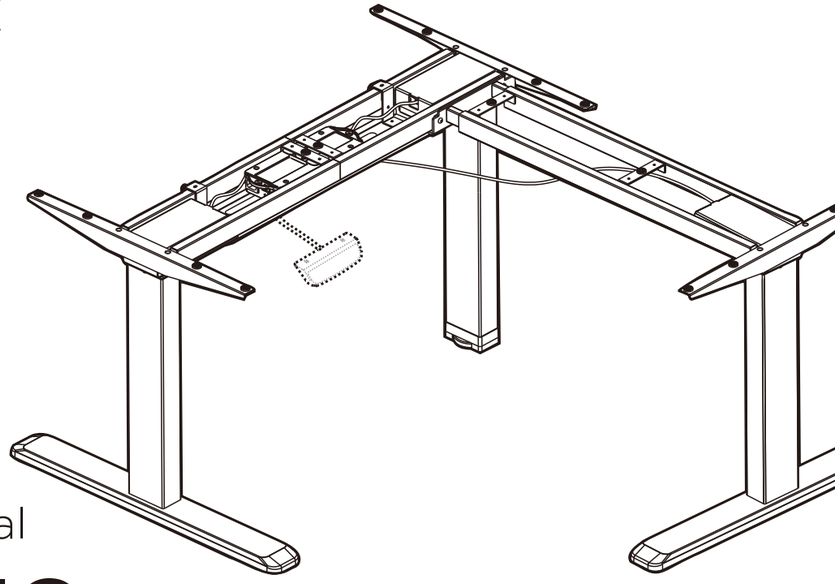


Connect the desk to power.
You can now use the sit-stand desk.

Note: *We have another manual of the digital controller for detailed instruction. Please check the Digital Control Panel For Electric Height Adjustable Desk User Guide.*



STABLEDESK



SD-142-NE

Instruction Manual

ELECTRIC SIT-STAND DESK

I Preface

This electric height adjustable standing desk consists of a heavy-duty steel desk frame and a motorized height adjustment system. Please read and completely understand this manual before installation in order to make sure the safe and correct use of the system and maintain the longevity of the overall construction and the built-in electronics.

Instructions of Safety and Warnings:

- Any failure to comply with the safety and installation instructions in this manual may cause serious bodily injury.
- Any incomplete observation of the instructions, warnings and additional information marked with the **"Note"** and **"⚠"** may result in serious damage to the system or its components.
- This product can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Unplug the desk when the system isn't in use, and place the power plug out of children reach.
- Persons with reduced physical, mental abilities and or lack of experience and knowledge must not use the product, unless they're under supervision, understand the hazards involved or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.
- Users should make sure that they never sit on the desktop in order to prevent serious bodily injury.

⚠ CAUTION Electrical Safety Instructions:

The product is powered by electricity. In order to avoid burns, fire and electric shock, please read the instructions carefully.



Don't clean the product with water while the power is still connected.



Never operate the system if it's in moist environment or its electrical components have contact with liquids.



Don't disassemble or replace components while the power is still connected.



Don't operate the system if the control box makes noise or odor. Alterations of the given power unit and control box aren't allowed.



Never operate the system with a damaged cord or plug. Please contact your point of purchase to replace the damaged parts.

⚠ CAUTION Other Safety Instructions:

- Clear up all obstacles within the height adjustment range.
- Don't leave the cords or plug unorganized in order to prevent tripping hazards.
- Any attempts to reconstruct the desk frame aren't allowed.
- Don't add anything to the adjustable junctions of the desk frame.
- Outdoor use is prohibited.

Preparation

1 What are the specifications you need to know?



Weight Capacity
150kg (330lbs)



Power Input
(110/230V)



Operation Temperature
(-5°C~+40°C)

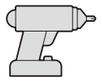
2 What are the tools you require while installation?



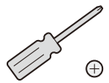
Bubble Level



Allen Wrench
(Included)

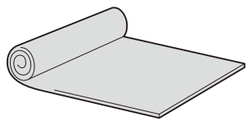


Drill



Phillips Screwdriver

3 What's the thing you'd better have before installation?



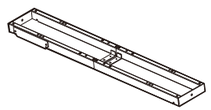
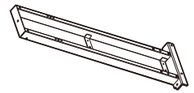
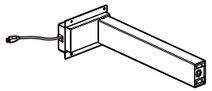
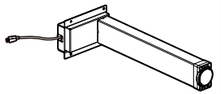
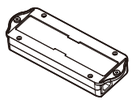
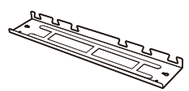
A Shipping Blanket
to protect the desk
and the floor

4 Things you need to know before installation

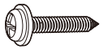
Please check all of the components shown in the component checklist. If any of the components are missing or damaged, contact your point of purchase for a replacement.

Disposal: The product with this mark indicates that this product shouldn't be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the local recycle service or contact your point of purchase to withdrawn the product.

Checklist and Installation

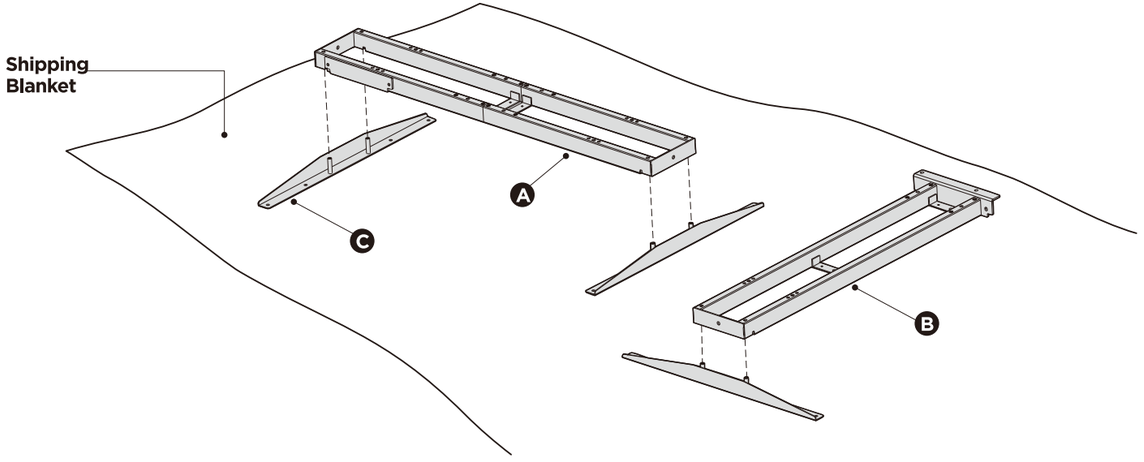
 **A (x1)** Primary Cross Beam	 **B (x1)** Secondary Cross Beam	 **C (x3)** Side Bracket	 **D (x2)** Lifting Column	 **E (x1)** Lifting Column
 **F (x2)** Foot	 **G (x1)** Fixing Plate	 **H (x1)** Control Box	 **I (x1)** Power Plug	 **J (x1)** Extension Cord
 **K (x1)** Cable Management Tray	 **L (x2)** Tray Hanger	The picture of the controller is for your reference only. Actual product may vary.  **M (x1)** Controller		

This page can be torn so that it's easier for you to match the components with the images.

 **S-A (x12)** Hex Head Screw	 **S-B (x10)** Hex Head Screw	 **S-C (x16)** Phillips Head Screw+ 1 Spacer
 **S-D (x2)** Phillips Head Screw	 **S-E (x2)** Phillips Head Screw	 **S-F (x4)** Phillips Head Screw
 **S-G (x3)** Cable Clip	 **S-H (x16)** Anti-Vibration Pad	 **S-I (x1)** Allen Wrench

Now let's start the installation.

I Attaching Side Brackets

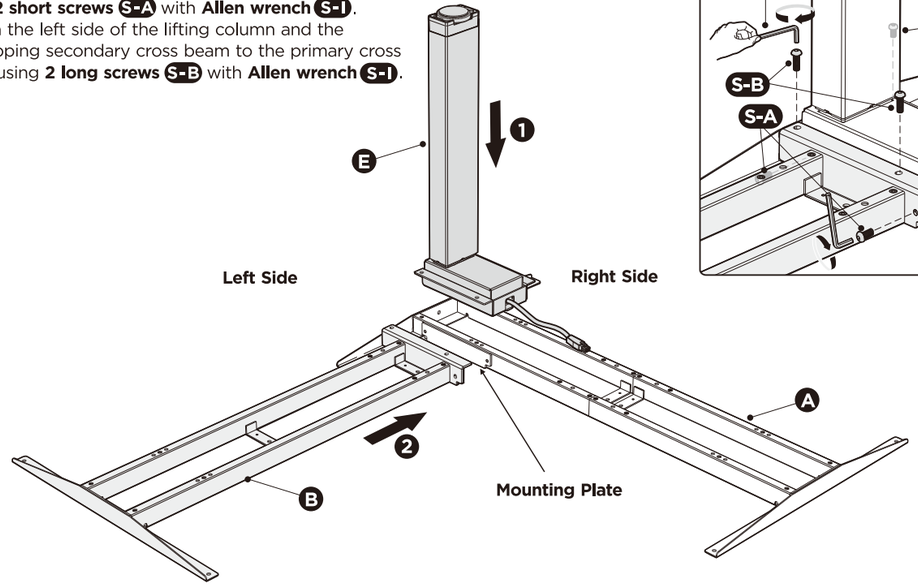


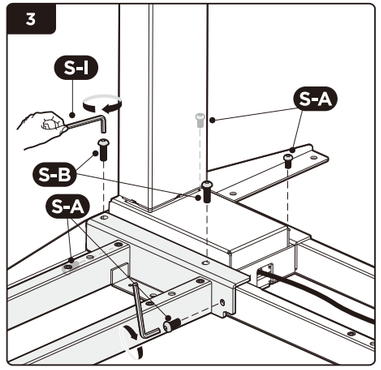
- Please prepare a spacious area for installation, and put a shipping blanket on the area to prevent scratches on the floor and the frame.
- Unpack the two crossbars, and carefully place it on the floor upside-down. Attach the **side brackets** C to the two ends of the **primary cross beam** A as shown.
- Then attach the last side bracket to the end of the **secondary cross beam** B as shown.

Note: *The drawings of both of the crossbar and side brackets are the* ***backside*** *of the components. Please make sure the crossbar and side brackets keep facing down while installation, which is convenient for the further steps.*

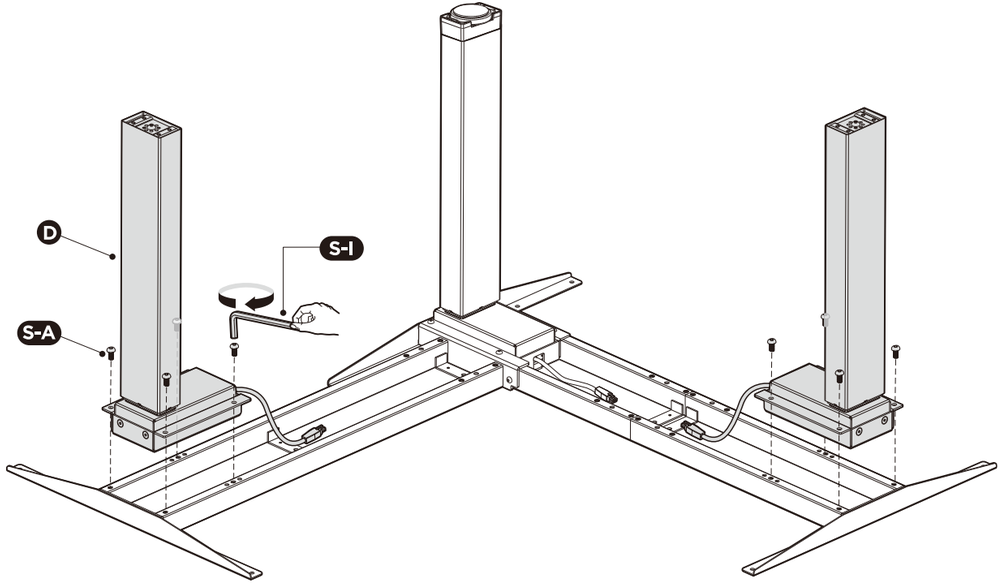
Assembling the Lifting Columns

- Insert the **lifting column** (E) into the rails of the **primary cross beam** (A).
- Position the **secondary cross beam** (B) so it overlaps the left side of the lifting column and attach with **2 screws** (S-A).
- Attach the right side of the lifting column to the primary cross beam using **2 short screws** (S-A) with **Allen wrench** (S-I).
- Attach the left side of the lifting column and the overlapping secondary cross beam to the primary cross beam using **2 long screws** (S-B) with **Allen wrench** (S-I).

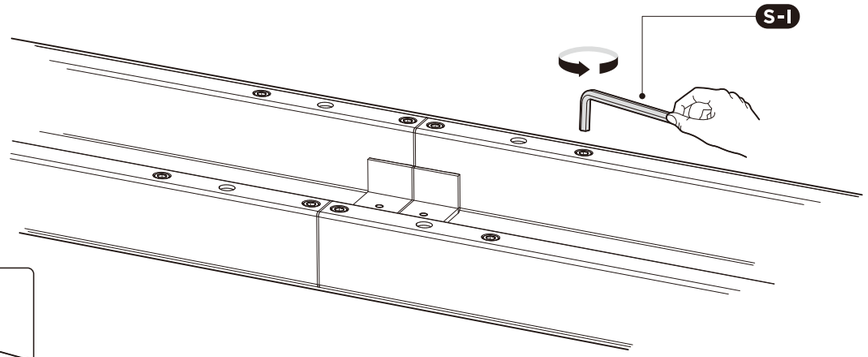


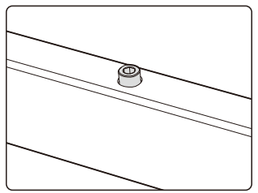


- Insert the remaining **lifting columns** (D) into the end the crossbars.
- Fix the lifting columns using **8 screws** (S-A) with **Allen wrench** (S-I).



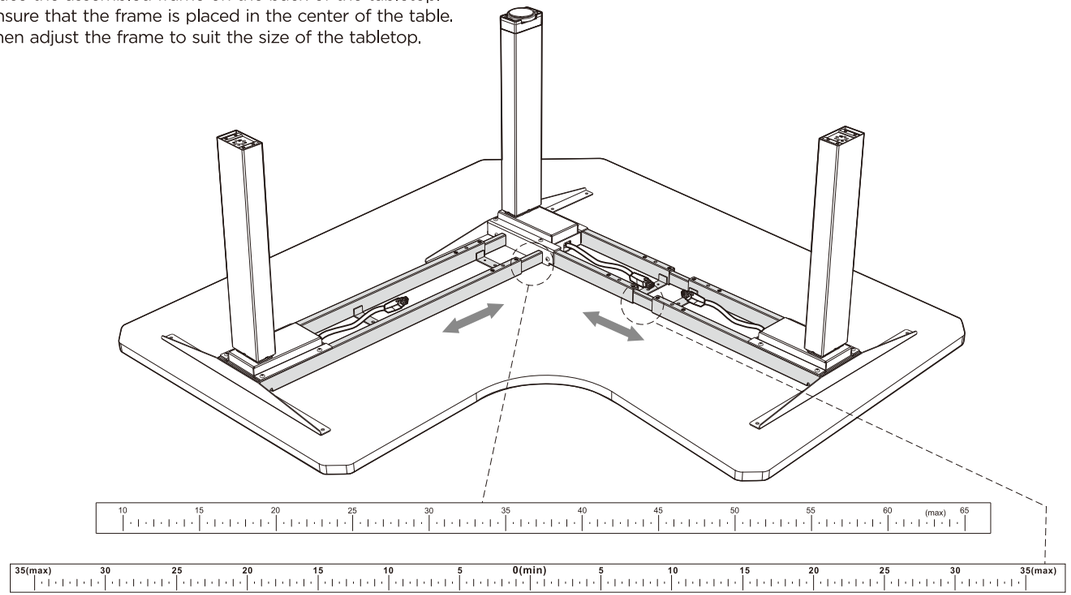
Adjusting the Frame



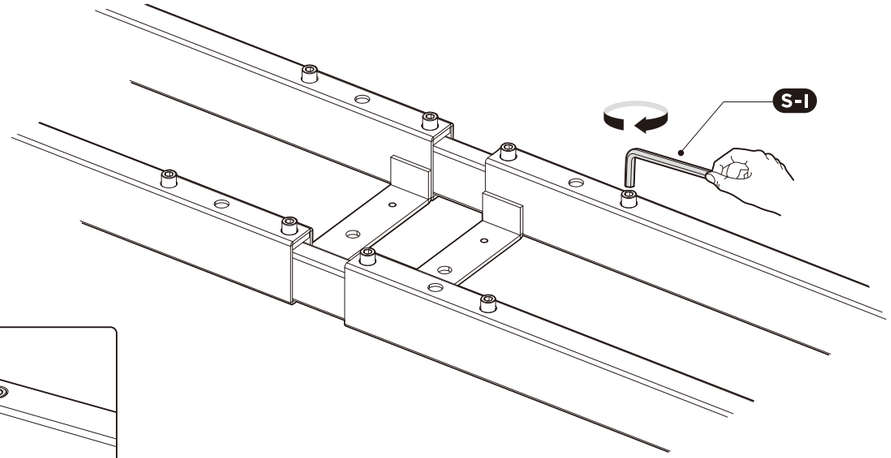


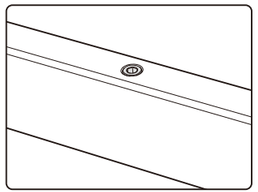
Loosen the hex head screws that fix the adjustable junction, but don't completely take out the screws.

- Place the assembled frame on the back of the tabletop.
- Ensure that the frame is placed in the center of the table.
- Then adjust the frame to suit the size of the tabletop.



When adjusting the frame position, please make sure it doesn't exceed the range of silk screen printing on the inner crossbar.



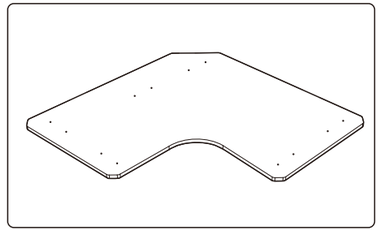


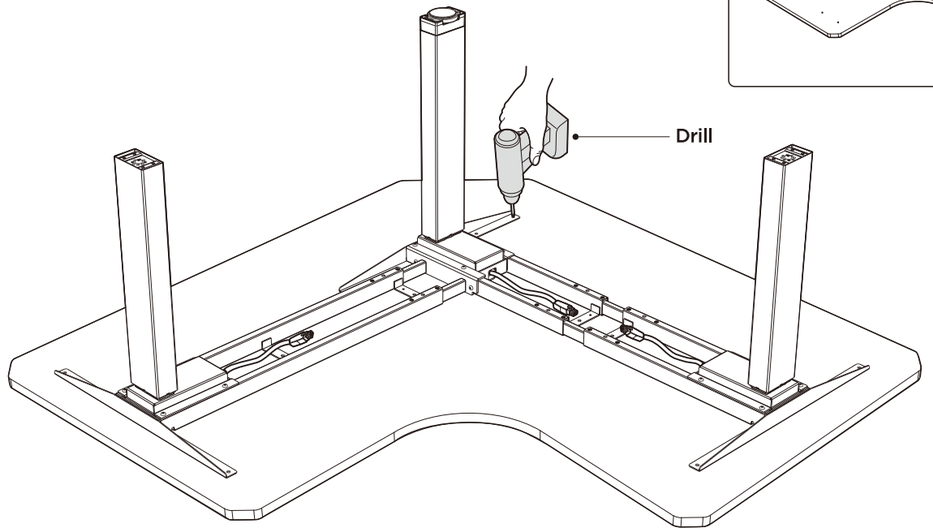
Retighten all the hex head screws to finish the adjustment.

I Drilling Mounting Holes

Use a **drill** to make mounting holes on the backside of the tabletop through the 12 mounting holes on the side brackets.

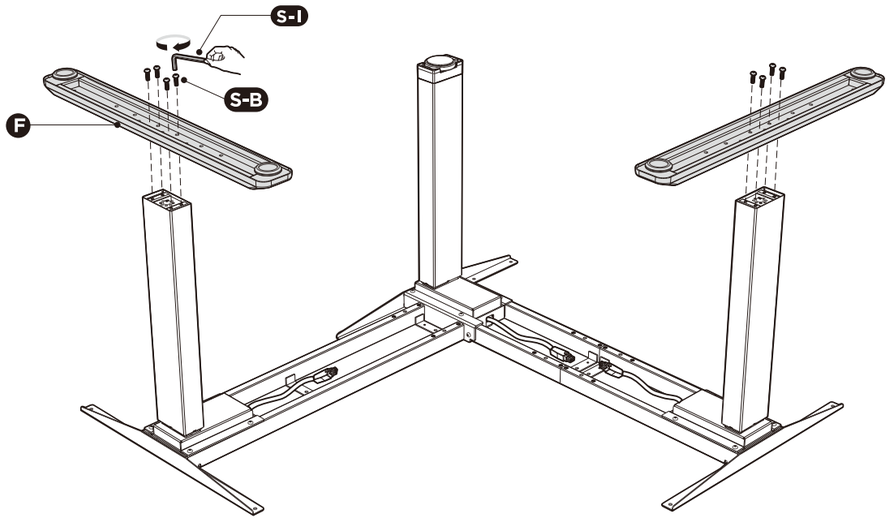
Note: *The depth of the mounting holes should be over* ***10mm*** *and the diameter should be less than* ***3mm****.*





Assembling the Feet

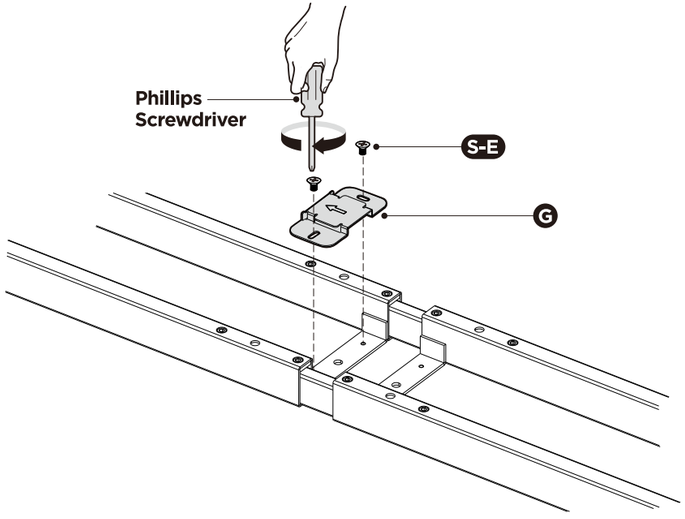
- Attach the **feet** (F) to the lifting columns on both sides as shown using **8 screws** (S-B) with **Allen wrench** (S-I).

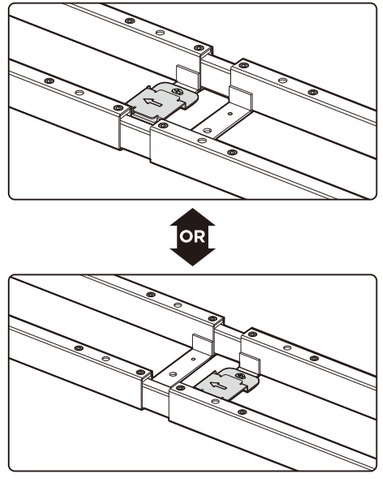


Assembling the Fixing Plate

- Align the mounting holes on the fixing plate with the screw holes as shown.
- Attach the **fixing plate** (G) on the center of the crossbar with **2 screws** (S-E) using a **Phillips screwdriver**.

Note: *The arrow on the fixing plate indicates the direction of sliding in the control box. Follow the direction of the arrow to mount the control box in the next step.*



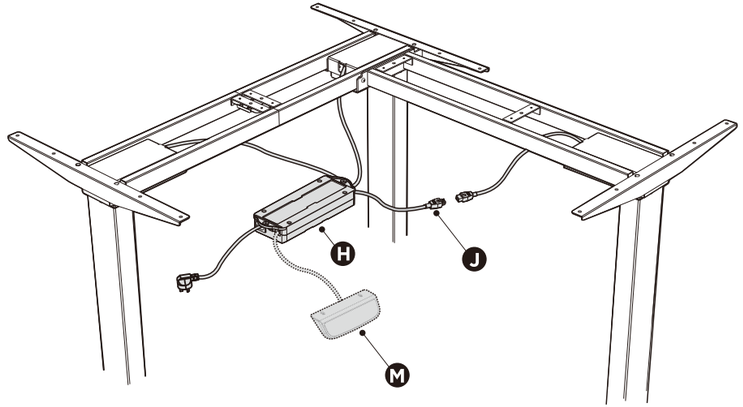


The fixing plate can be attached to either of the right side and the left side.

Attaching the Control Box

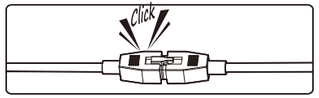
CAUTION

- Turn over the desk frame with the crossbar facing up. **At least two people** are required when turning over the desk frame. If only one person turns over the desk frame, serious bodily injuries might occur.
- Connect the cords, control box and motors.

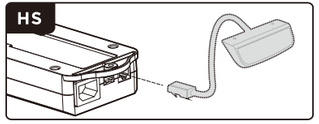


Note:

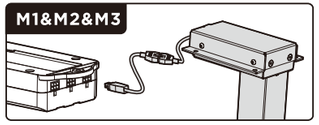
- *Please make sure the slot on the **control box** (H) is facing upward. There is no corresponding relation between the motor ports and the lifting columns.*
- *The picture of the controller is for your reference only. Actual product may vary.*



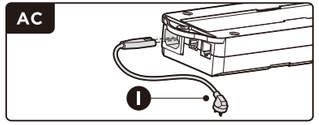
- Connect the **extension cord** (J) with the motor cord at the far end.



- Connect the **controller** (M) cord to the port on the right marked **"HS"**.

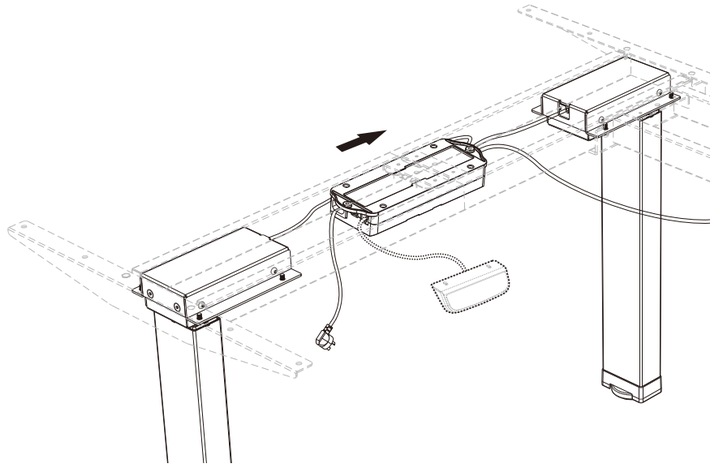


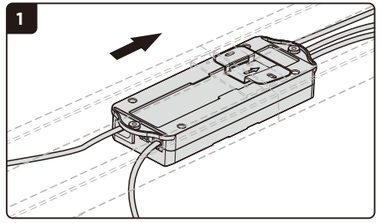
- Insert three motor cords to the three ports on the right marked **"M1"**,**"M2"** and **"M3"**

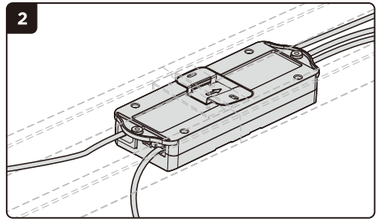


- Insert the **power plug** (I) in the port on the left marked **"AC"**.

- The arrow on the fixing plate indicates the direction of sliding in the control box. Follow the direction of the arrow to mount the control box.
- Slide the control box to the center of fixing plate.

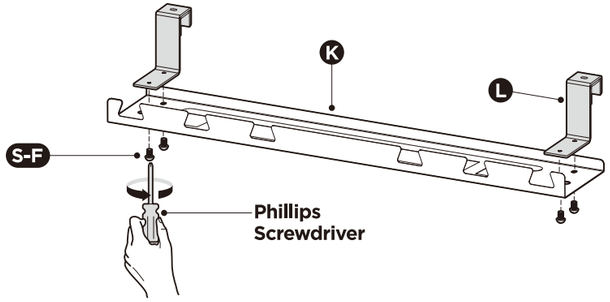


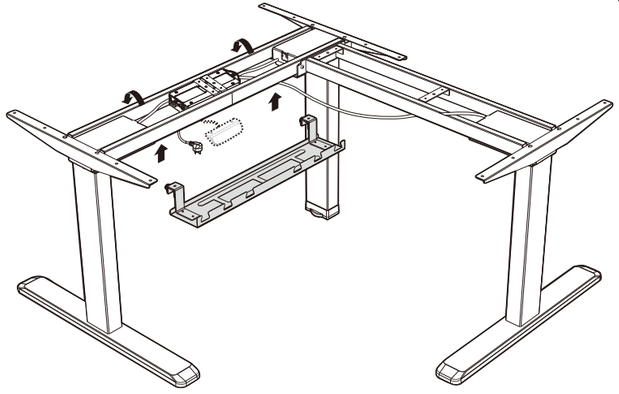


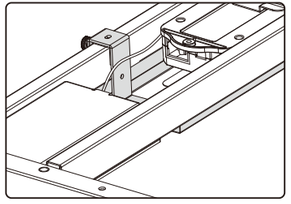


Assembling the Cable Management Tray

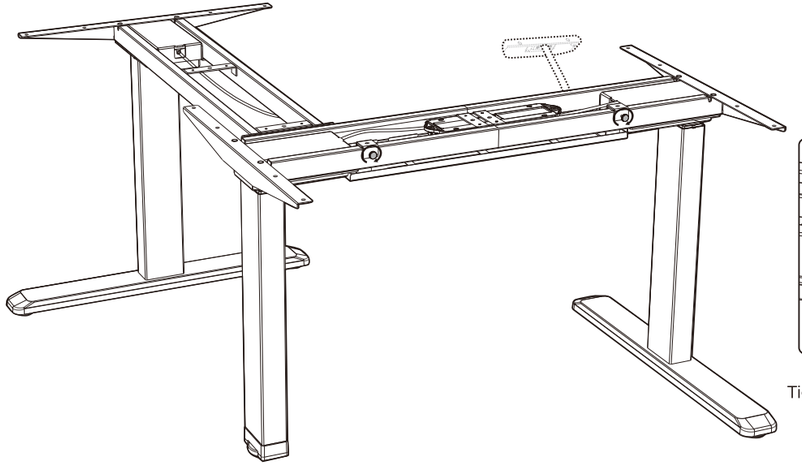
- Align the mounting holes on the **tray hangers** (L) with the screw holes on the cable management tray.
- Assemble the tray hangers to the **cable management tray** (K) with **4 screws** (S-F) from below using a **Phillips screwdriver**.

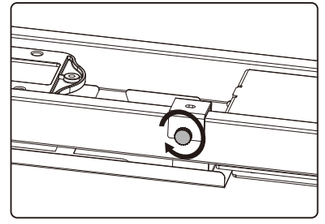






Hang the cable management tray on the crossbar as shown.

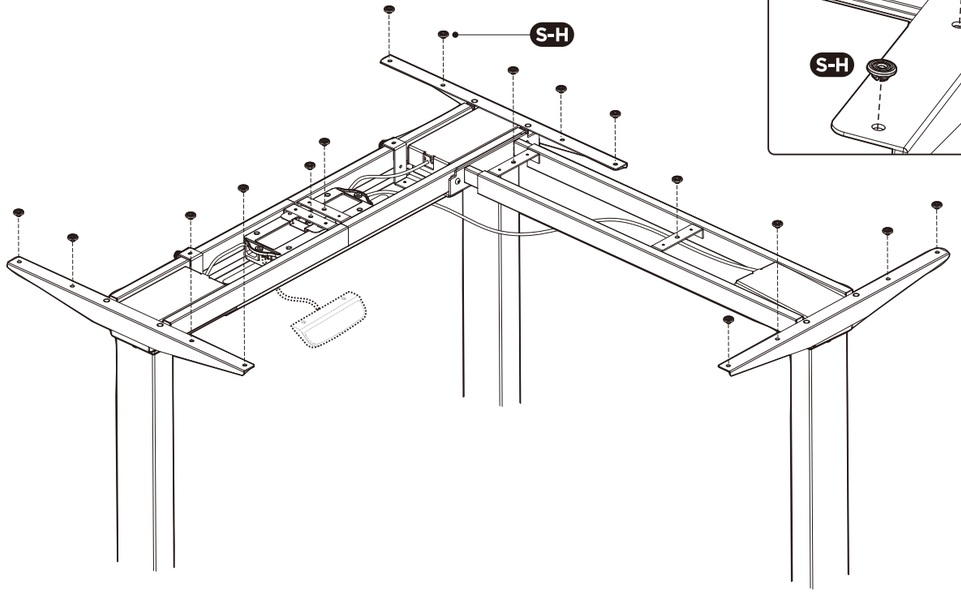


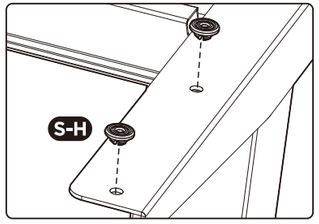


Tighten the knobs on the tray hangers.

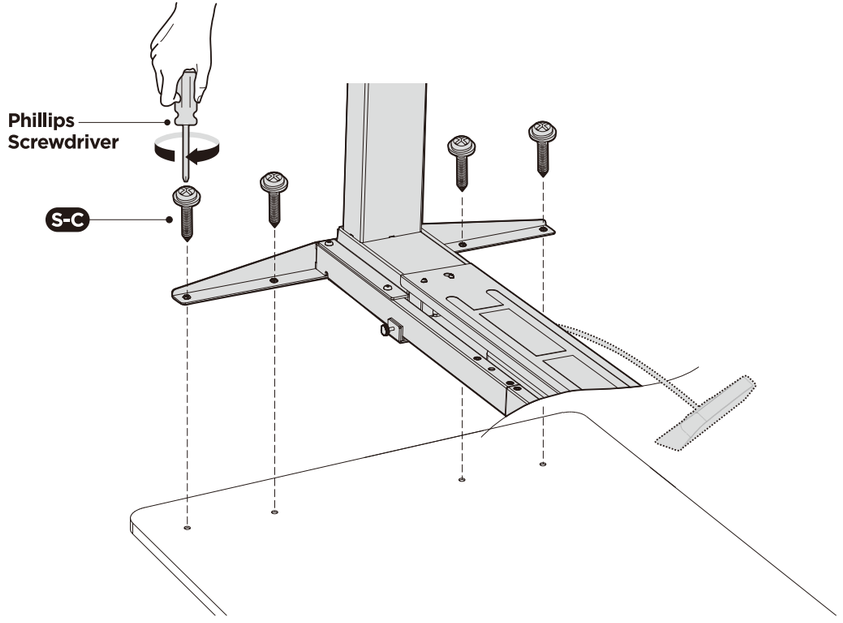
Assembling the Desktop

Attach the **anti-vibration pads** S-H to the surface of the crossbar on the sixteen positions as shown.

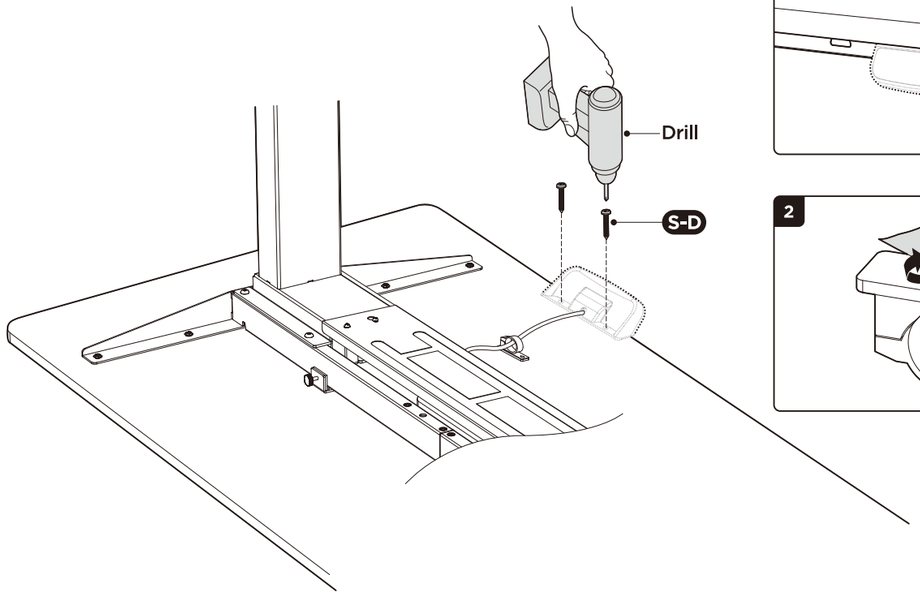


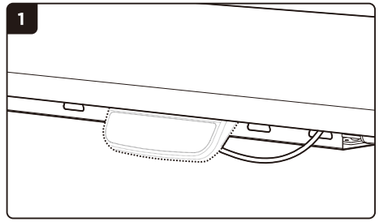


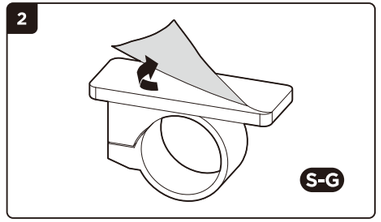
- Align the previously drilled screw holes with the mounting holes on the crossbar. Insert and tighten the **4 screws** S-C from below.
- Repeat the same process to tighten other two side of the desktop.



• Attach the controller to the desktop with **2 screws** S-D using a **driller**.
• Stick the adhesive **cable clip** S-G under desk to organize cords.







Level Adjustment

If the floor isn't even, simply turn the pad under each foot to adjust the level to make the desk stable.

Tip: *Use a* ***bubble level*** *to check if the desktop is even.*

