

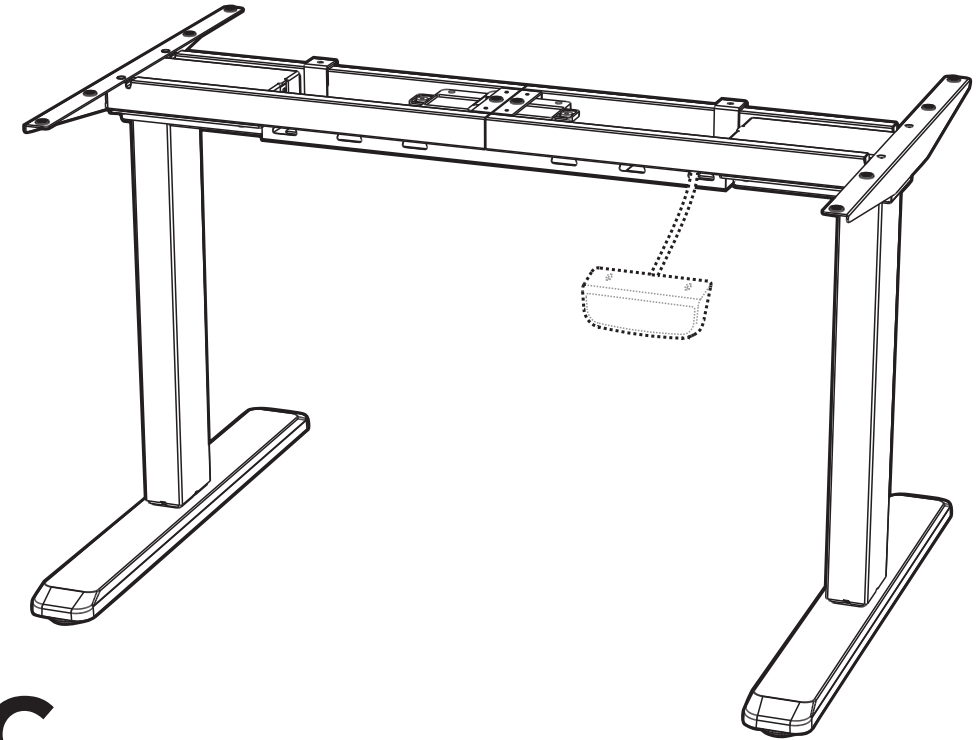
EDF12DS

EDF12DW

EDF12DB

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.



## 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.




## 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.

# I Preparation


## 1 What are the specifications you need to know?



Weight Capacity  
**125kg (275lbs)**



Power Input  
**(100-240V)**



Operation Temperature  
**(-5°C~+40°C)**

## 2 What are the tools you require while installation?



Bubble Level



Allen Wrench  
(Included)

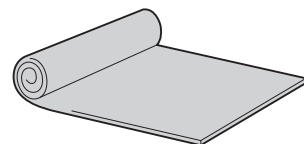


Drill



Phillips Screwdriver


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



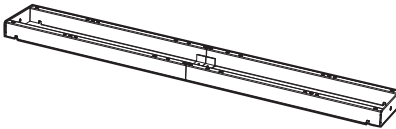
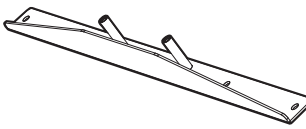
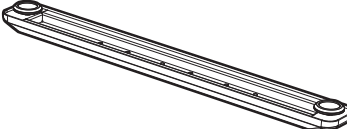
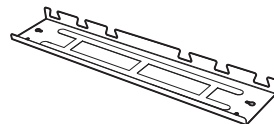
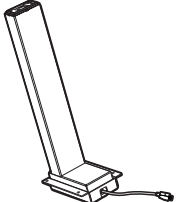
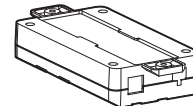

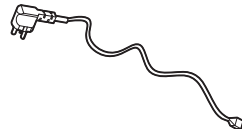

A Shipping Blanket to protect the desk and the floor

## 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.



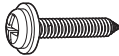



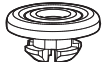


 **Disposal:** The product with this mark indicates that this product shouldn't be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.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

# I Checklist and Installation

 <p><b>A (x1)</b> Crossbar</p>	 <p><b>B (x2)</b> Side Bracket</p>	 <p><b>C (x2)</b> Foot</p>
 <p><b>D (x1)</b> Cable Management Tray</p>	 <p><b>E (x2)</b> Lifting Column</p>	 <p><b>F (x1)</b> Control Box</p>
 <p><b>G (x2)</b> Tray Hanger</p>	 <p><b>H (x1)</b> Power Plug</p>	<p>The picture of the controller is for your reference only. Actual product may vary.</p>  <p><b>I (x1)</b> Controller</p>



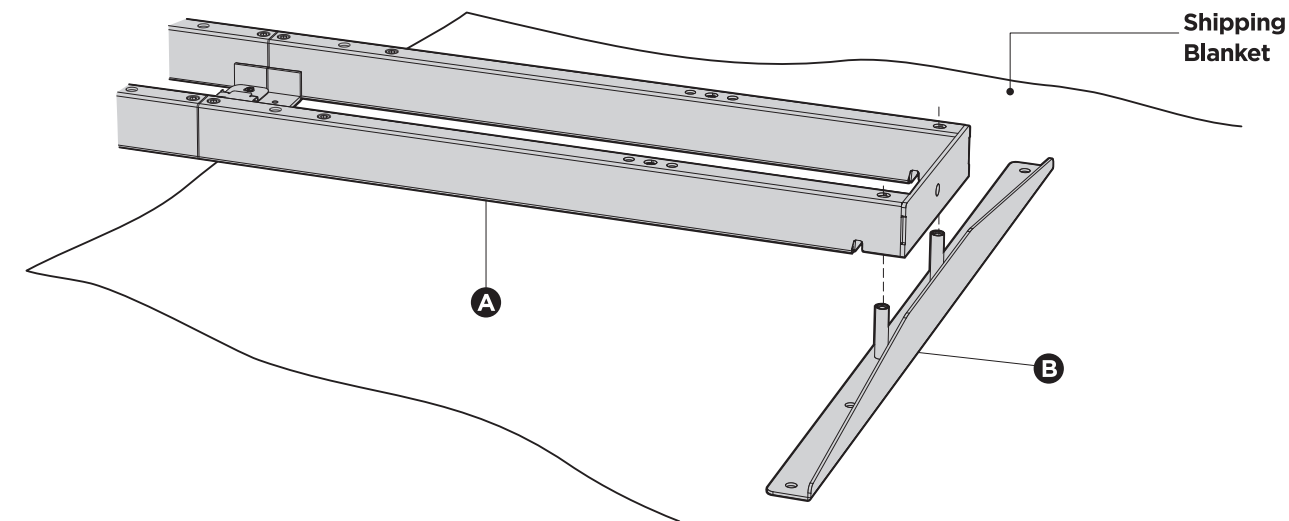
This page can be torn so that it's easier for you to match the components with the images.

<p><b>S-A (x8)</b> Hex Head Screw</p> 	<p><b>S-B (x8)</b> Hex Head Screw</p> 	<p><b>S-C (x10)</b> Phillips Head Screw+ 1 Spacer</p> 
<p><b>S-D (x2)</b> Phillips Head Screw</p> 	<p><b>S-E (x4)</b> Phillips Head Screw</p> 	<p><b>S-F (x3)</b> Cable Clip</p> 
<p><b>S-G (x10)</b> Anti-Vibration Pad</p> 	<p><b>S-H (x16)</b> Washer</p> 	<p><b>S-I (x1)</b> Allen Wrench</p> 

### !!! Note

This desk is fitted with very sensitive anti-collision sensors. It is essential to do level adjustment and initialize the controller prior to normal use (see page 19- 20), otherwise you will see a lot of false alerts on the remote controller.

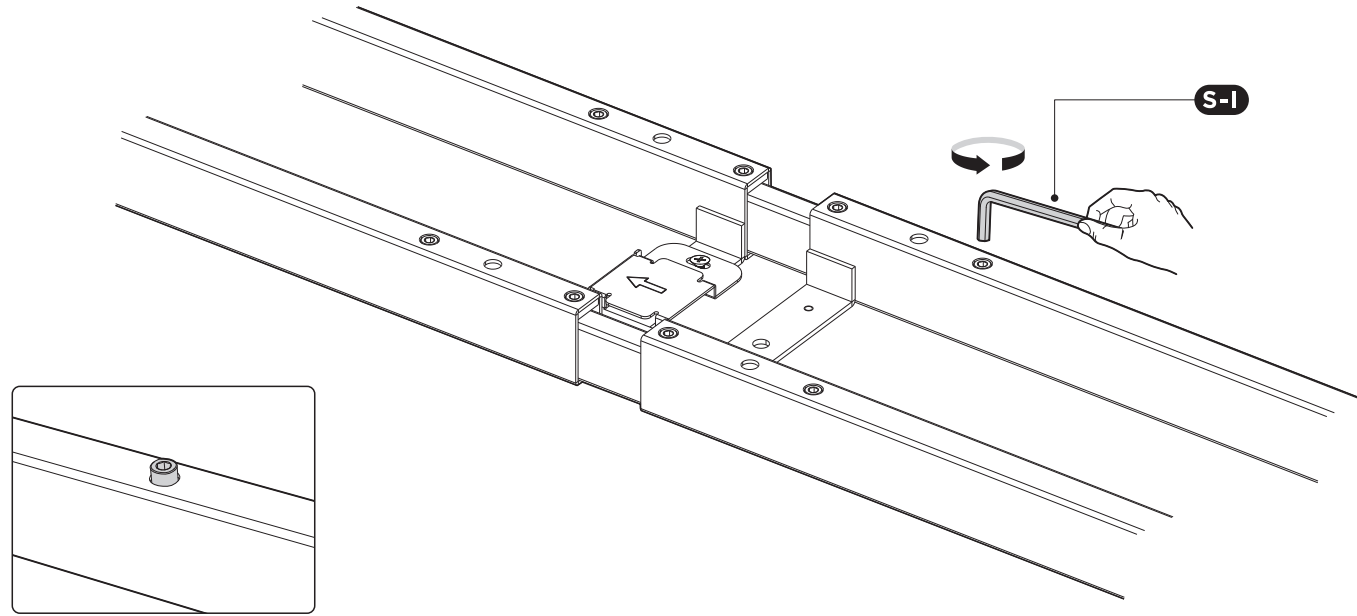
## I Attaching Side Brackets



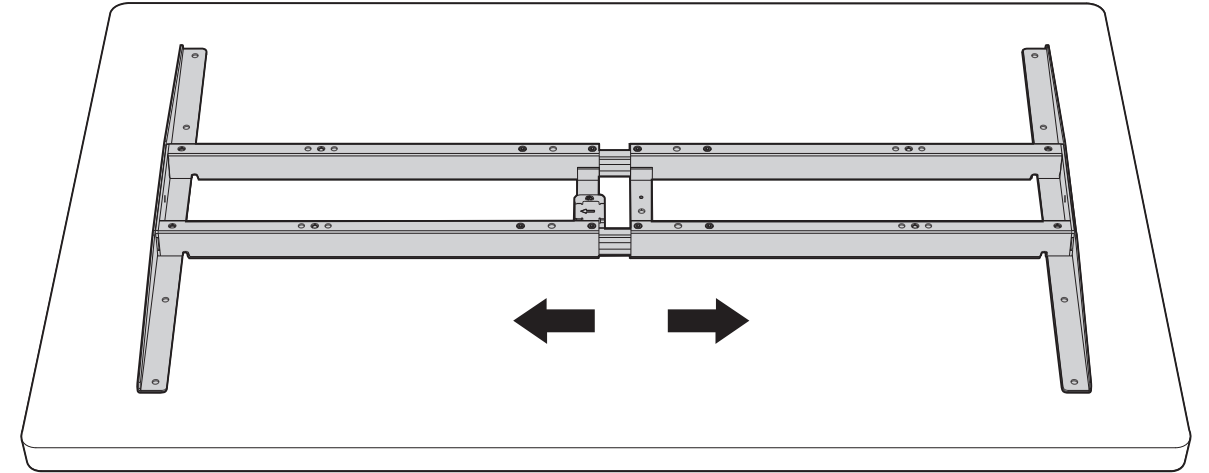
- Please prepare a spacious area for installation, and put a shipping blanket on the area to prevent scratches on the floor and the frame.
- Unpack the **crossbar A**, and carefully place it on the floor. Attach the **side bracket B** to the end of the **crossbar A**. Please don't screw it now.
- Repeat the same process to assemble the other side bracket.

**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.

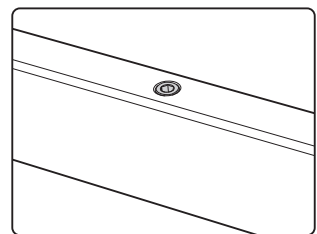
## I Drilling Mounting Holes



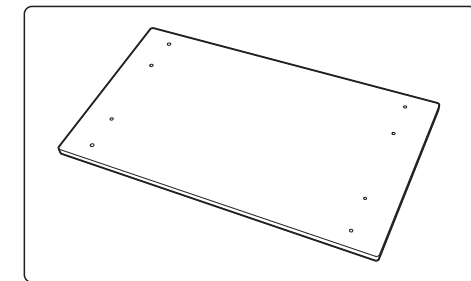
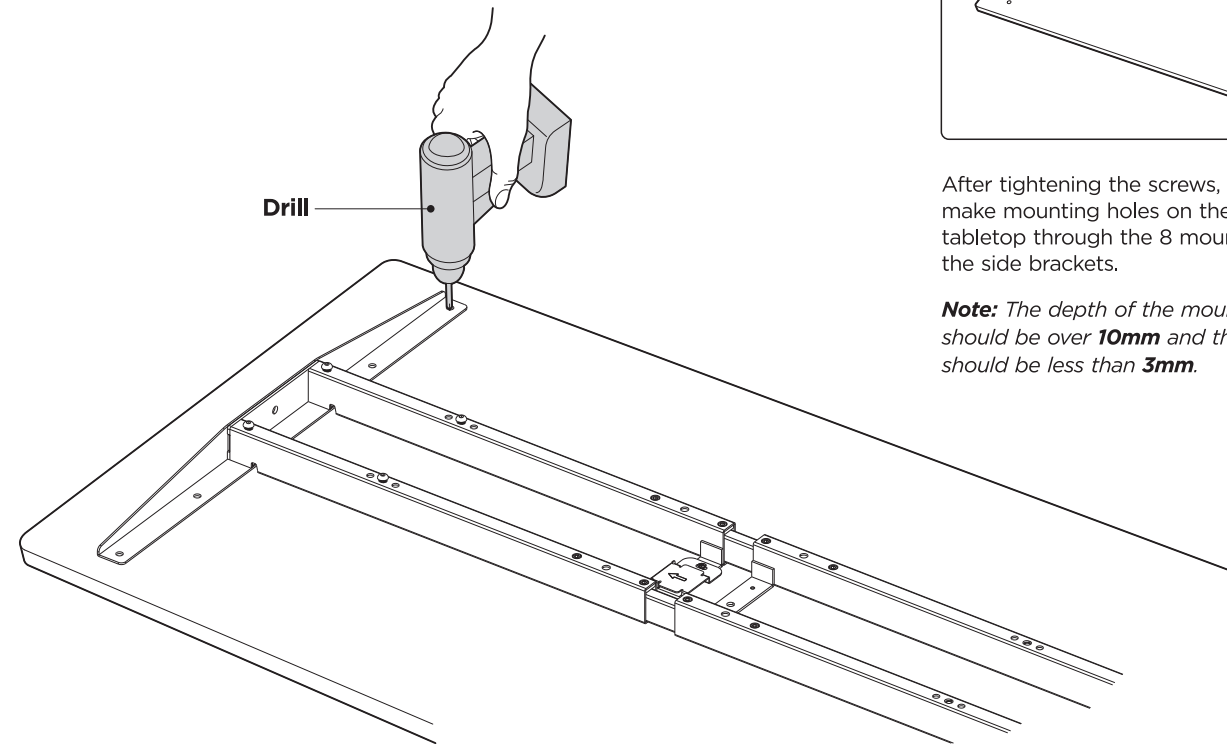
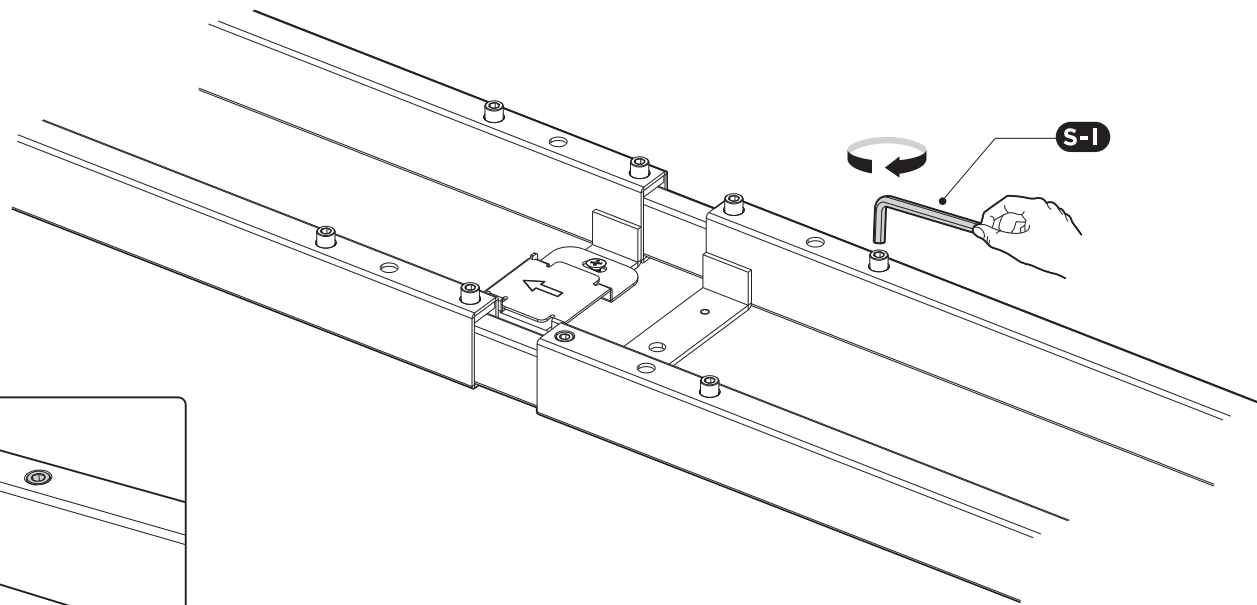
Loosen the hex head screws that fix the adjustable junction, but don't completely take out the screws.



- 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.



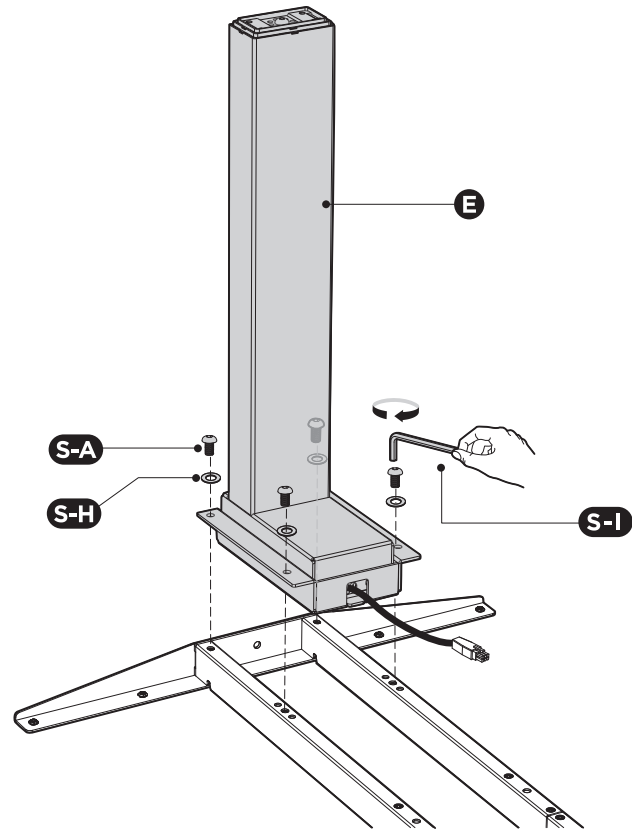
Retighten all the hex head screws to finish the adjustment.



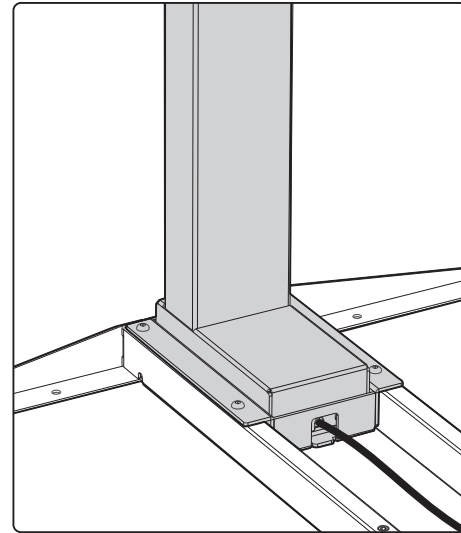
After tightening the screws, use a **drill** to make mounting holes on the backside of the tabletop through the 8 mounting holes on the side brackets.

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

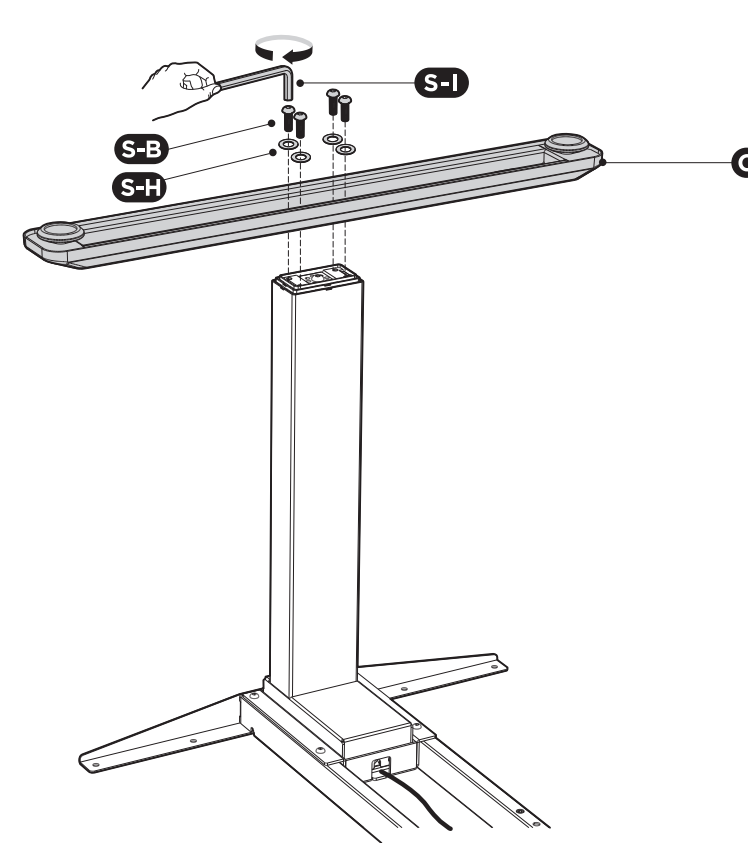
## I Assembling the Lifting Columns



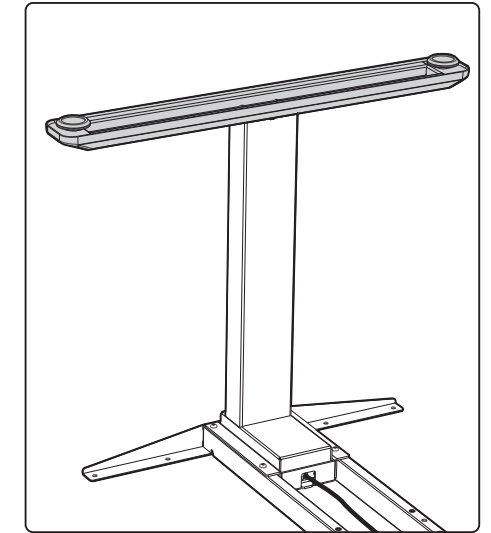
- Remove the tabletop for further installation.
- Insert one lifting column into one end of the crossbar with the head of the lifting column facing inward. Make sure the mounting holes on the lifting column completely align with the screw holes on the crossbar.
- Fix the **lifting column E** with crossbar using **4 screws S-A** and **4 washers S-H** with the **Allen wrench S-I**.
- Repeat the same process to assemble the other lifting column.



## I Assembling the Feet



- Place the foot on the bottom of the lifting column. Align the mounting holes on the foot with the screw holes on the lifting column.
- Fix the **foot C** using **4 screws S-B** and **4 washers S-H** with the **Allen wrench S-I**.
- Repeat the same process to assemble the other foot.



# I Attaching the Control Box

Turn over the desk frame with the crossbar facing up. **At least two people** are required when turning over the desk frame.

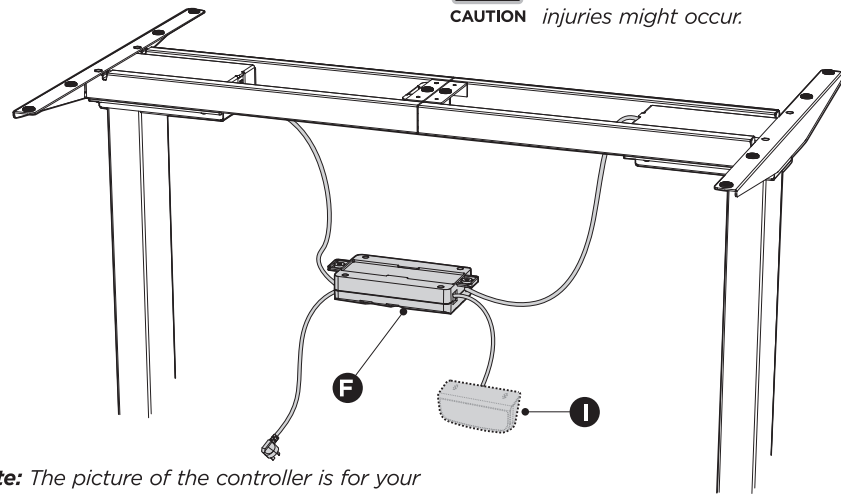
- Connect the two motor cords to the two ports (one on each side of the control box) marked "M1" and "M2".
- Connect the **controller I** cord to the port marked "HS".
- Insert the **power plug H** in the port marked "AC".

**Note:** Please make sure the slot on the **control box F** is facing upward. There is no corresponding relation between the two motor ports and the two lifting columns.

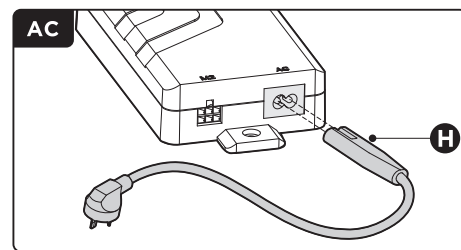
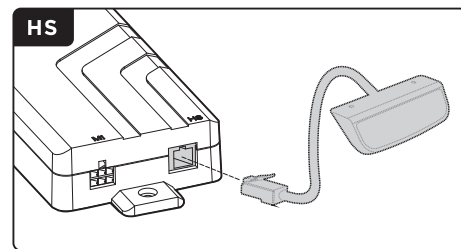
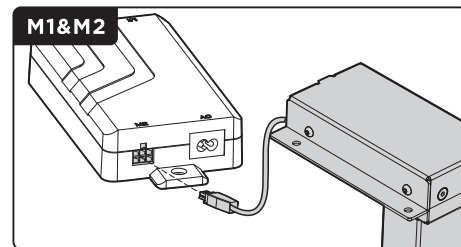


CAUTION

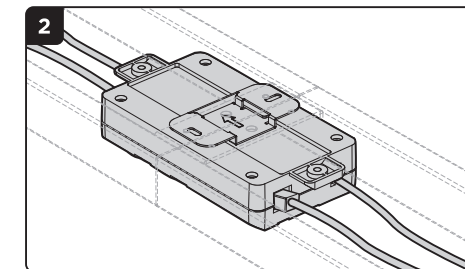
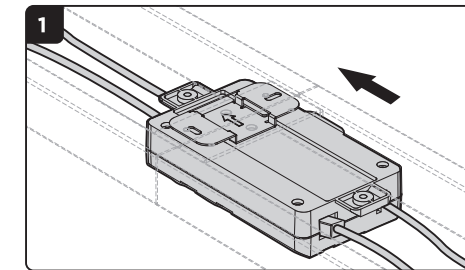
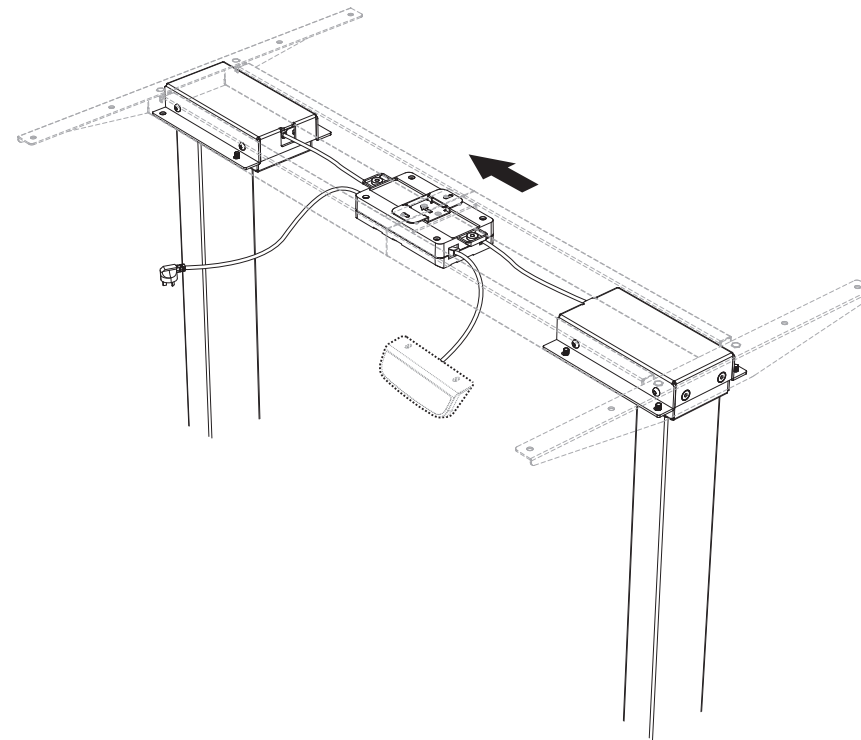
If only one person turns over the desk frame, serious bodily injuries might occur.



**Note:** The picture of the controller is for your reference only. Actual product may vary.



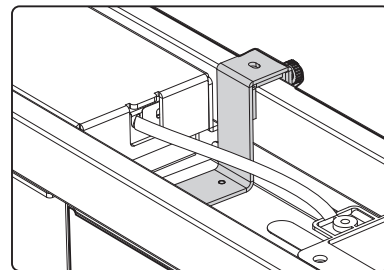
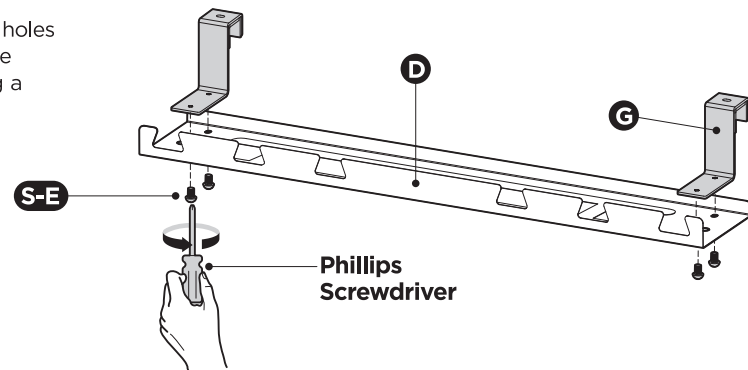
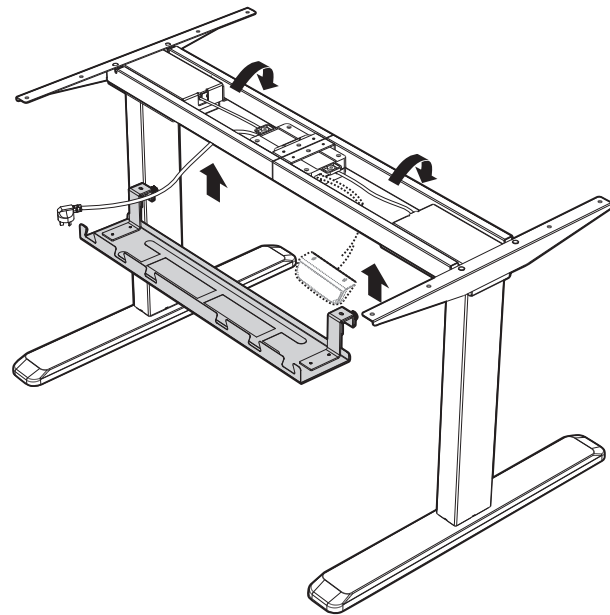
- The arrow on the fixing plate indicates the direction of sliding in the control box. Follow the direction of the arrow to mount the control box.
- Slide the control box to the center of fixing plate.



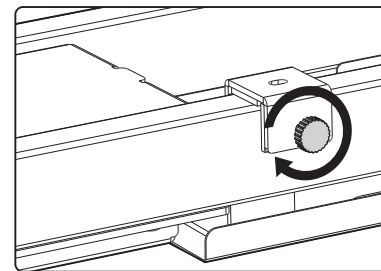
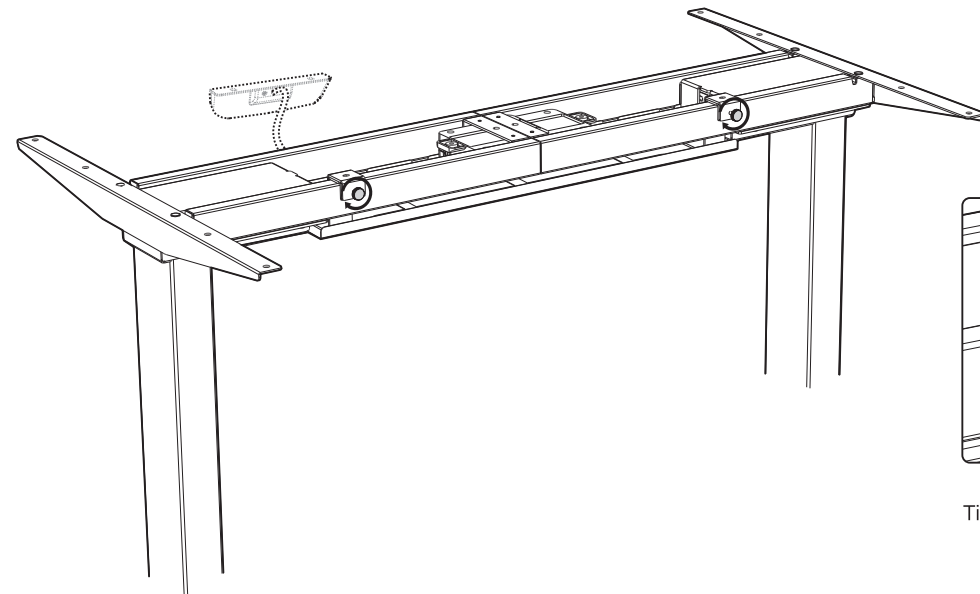


# I Assembling the Cable Management Tray

Align the mounting holes on the **tray hangers G** with the screw holes on the cable management tray. Assemble the tray hangers to the **cable management tray D** with **4 screws S-E** from below using a **Phillips screwdriver**.



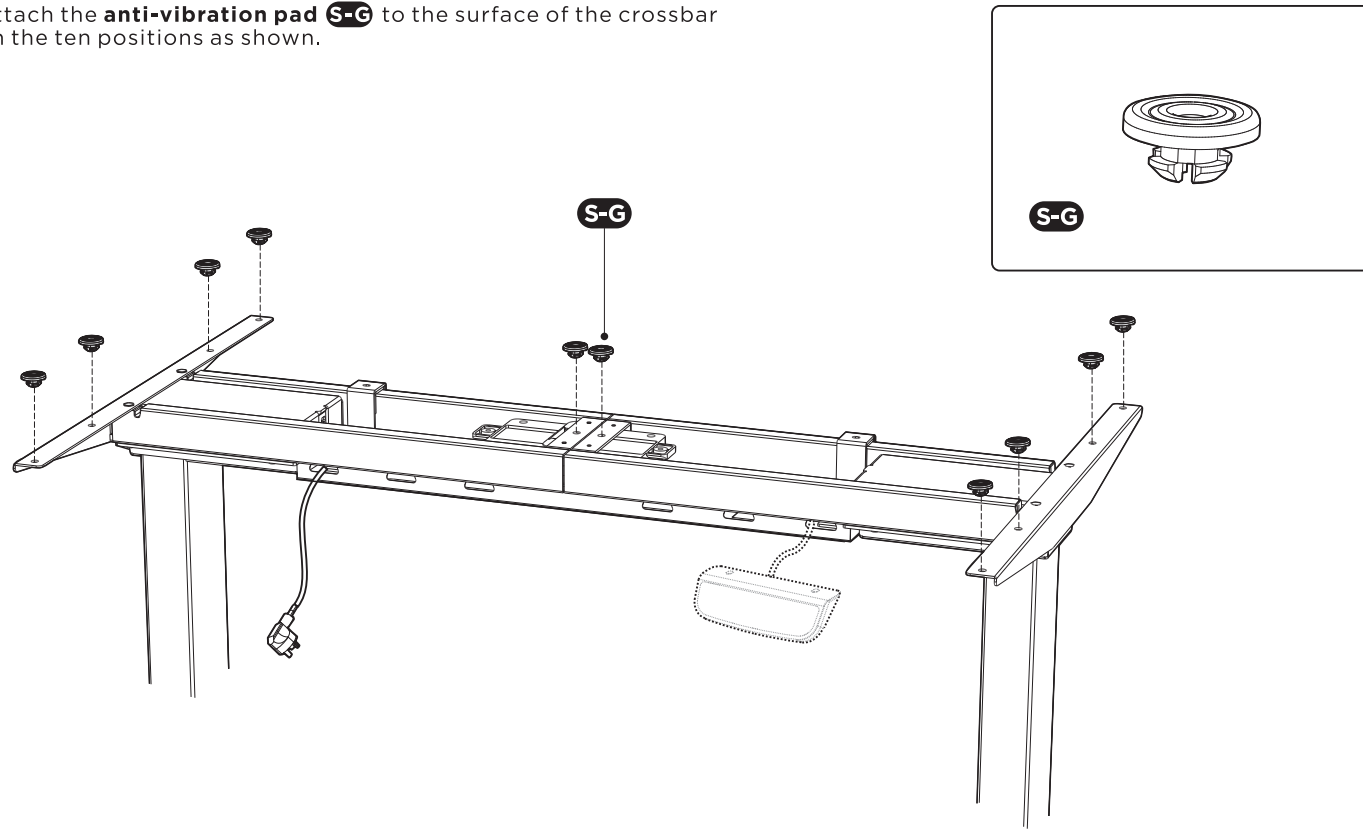
Hang the cable management tray on the crossbar as shown.



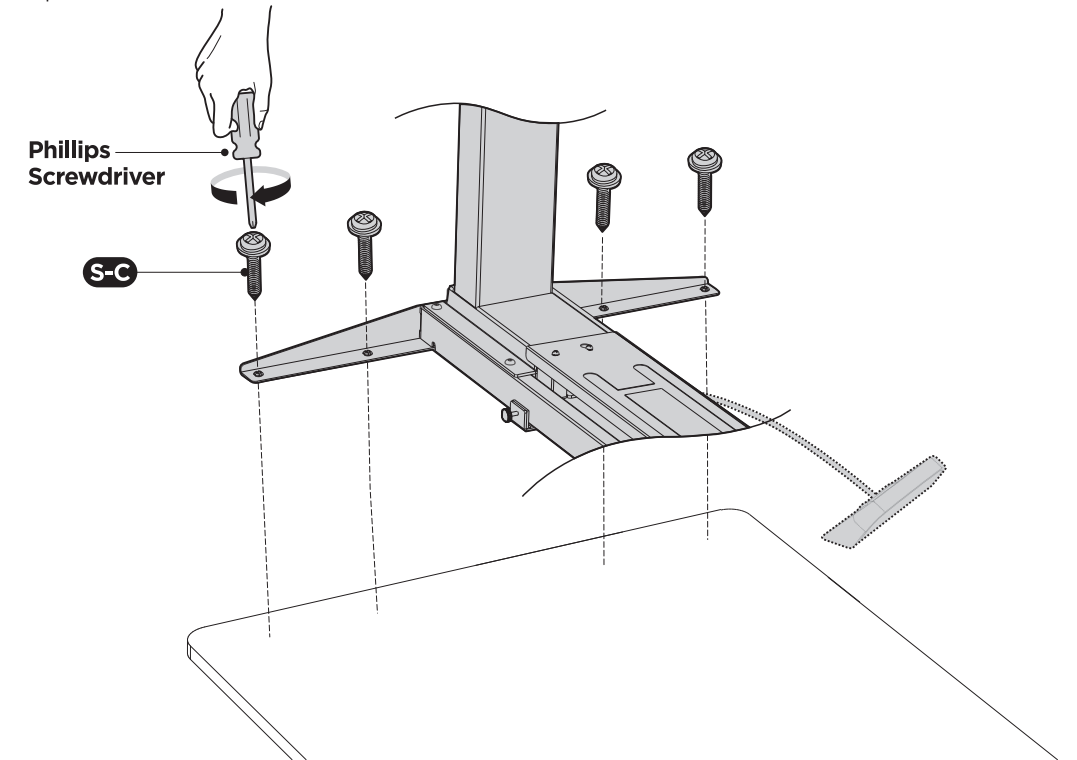
Tighten the knobs on the tray hangers.

# I Assembling the Desktop

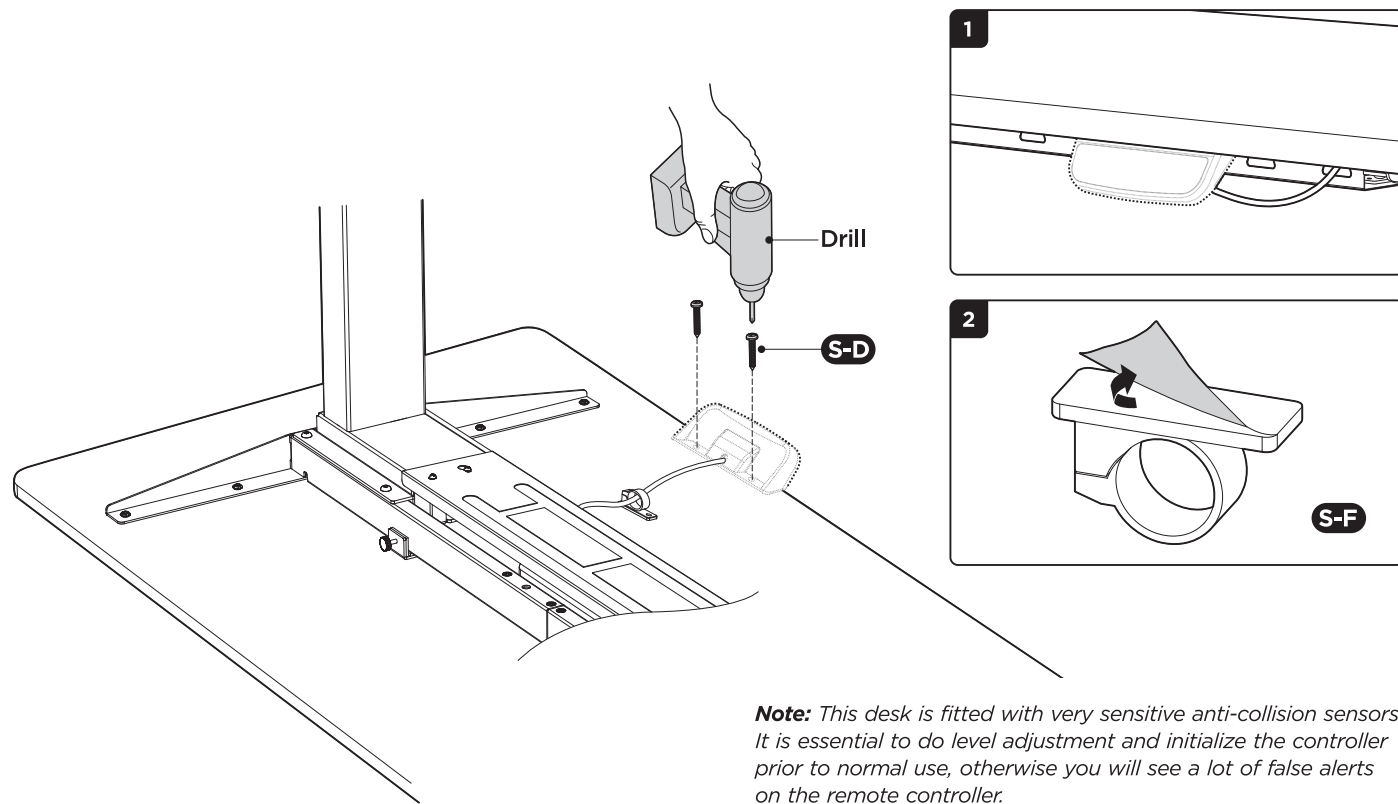
Attach the **anti-vibration pad S-G** to the surface of the crossbar on the ten positions as shown.



- 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 assemble the other side of the desktop.



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

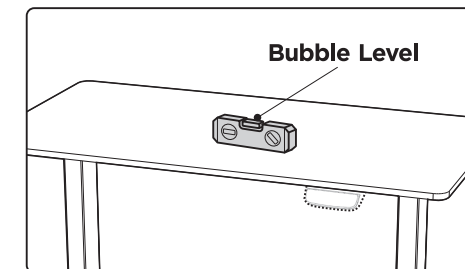
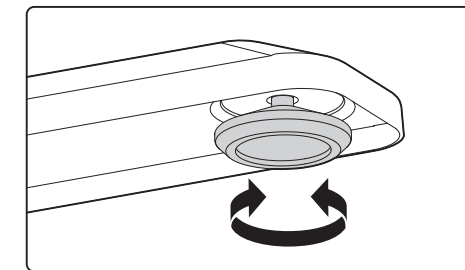
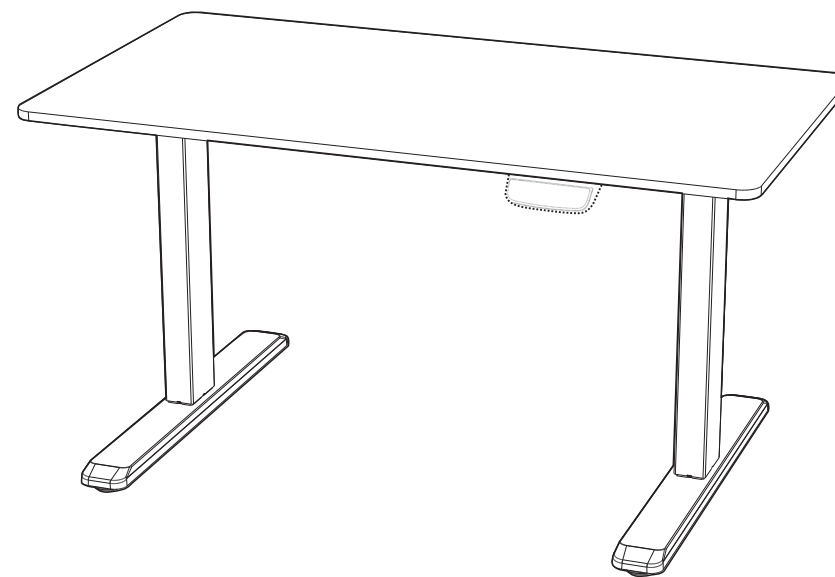


**Note:** This desk is fitted with very sensitive anti-collision sensors. It is essential to do level adjustment and initialize the controller prior to normal use, otherwise you will see a lot of false alerts on the remote controller.

## I Level Adjustment & Initialize

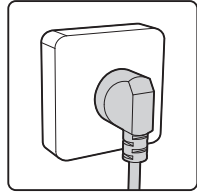
There are two adjustable foot pads under each foot. If the floor isn't even, simply turn the pad to adjust the height to make the desk stable.

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

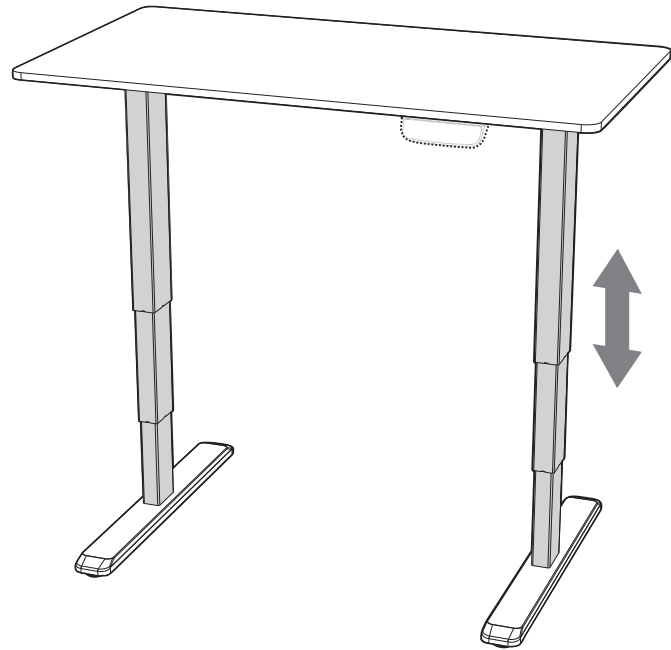


**To initialize:** power on, the remote shows “rST” (“reset”), press and hold both the “UP” and “Down” buttons till it beeps, the desk will adjust the height of both legs automatically. Please check the “Operation Manual” for further settings.

# I Height Adjustment



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



**Note:** There is also a separate "Operation Manual" for the desk such as initialise, setting presets, adjusting anti-collision sensitivity, handling error codes etc.