# Electric Height Adjustable Desk

User Guide
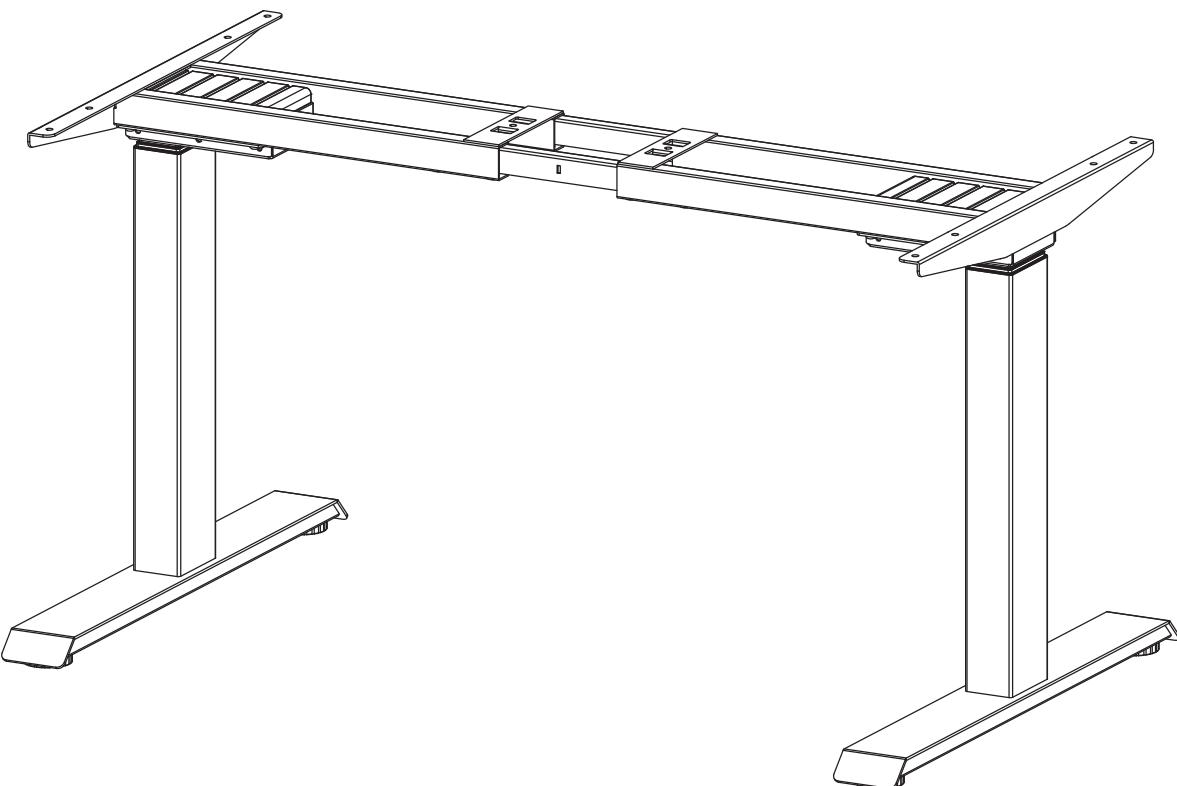
⚠ CAUTION	**FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY AND OPERATION INSTRUCTIONS AND WARNINGS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS PROPERTY DAMAGE OR BODILY INJURY.**

IMPORTANT:

Any user or installer of desk must study this manual carefully.
If this desk is sold, please provide the manual to the buyer.

SAFETY AND WARNINGS

⚠️ Inappropriate use of this product may cause property or bodily injury.

⚠️ Check surroundings on all sides before using the desk. Body parts and property can be crushed if trapped between an immobile obstacle and the desk's range of motion.

⚠️ Ensure the length of power cords are accounted for when operating the desk. Monitors, computers, speakers, anything with a cord that is not long enough for the desk's range of motion could be pulled down or have its wires broken. Items pulled off the desk may cause other items to fall.

⚠️ Please provide this operation to any users, installers, or support personnel operating the product.

⚠️ Do not open any of the components: lifting columns, control box, or handset. There is a danger of electric shock.

USAGE

This height adjustable desk has electric motors and is designed for use in dry work areas only.

The desk height is adjustable so that it can be positioned at the most ergonomically suitable height.

These desks are designed only for the purposes included in this manual. They should not be used in environments with high humidity or dampness. Any other use is at user's risk.

Do not move around, crawl or lie under the desk frame. Do not sit or stand on the desk frame.

Children should never use the desk unless they are supervised by adults.

Liability: Under no circumstances does the manufacturer accept warranty claims or liability claims for damages caused from improper use or handling of the desk frame other than that which is described in this operation manual.

SETUP AND INSTALLATION

Choose a placement for the desk that's a safe distance from window frames, radiators, furniture etc. so that people do not get stuck or trapped by the desk.

Do not place any objects that are taller than 50cm (20") underneath the desk.

After it has been assembled, when moving the desk, DO NOT lift the desk by the desktop. Lifting this way can stress the fasteners connecting the desk base to the desktop. Lower the desk completely and lift the desk by grabbing the top of the desk base or by removing the desktop first.

Tools Required
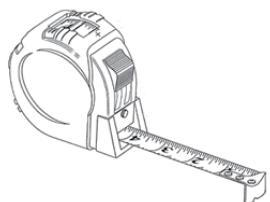
Tape Measure
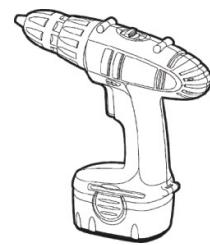
Philips Head Screwdriver, and/or Power Drill

## Components

❶

Qty 2
Leg

❷

Qty 2
Foot

❸

Qty 2
Crossbar End

❹
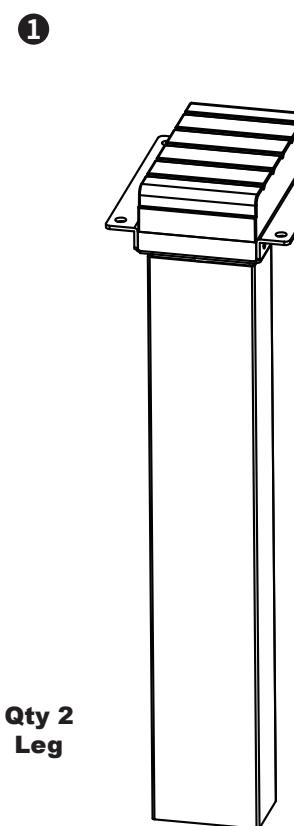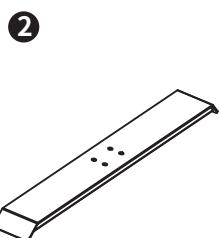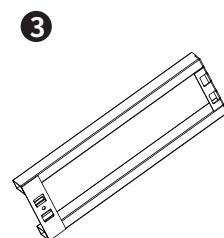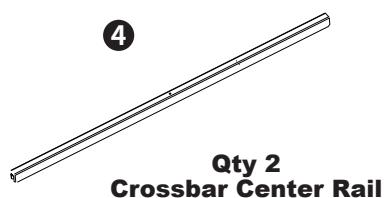
Qty 2
Crossbar Center Rail

❺

Qty 2
Side Bracket

❻

Qty 1
Control Box

❼

0   0

∧ ∨ 1 2 S ⏱

Qty 1
Handset

❽
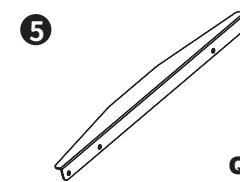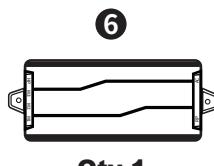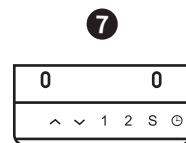
Qty 1
Power Cord

Hardware

A	B	C	D	E
Qty 16	Qty 14	Qty 5	Qty 1	Qty 4
M8x20	ST4.2x18	Cable Clip	Allen Wrench	Leveling
Machine Screw	Wood Screw			Stud

1

2

AX8

4

3

AX8
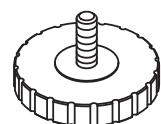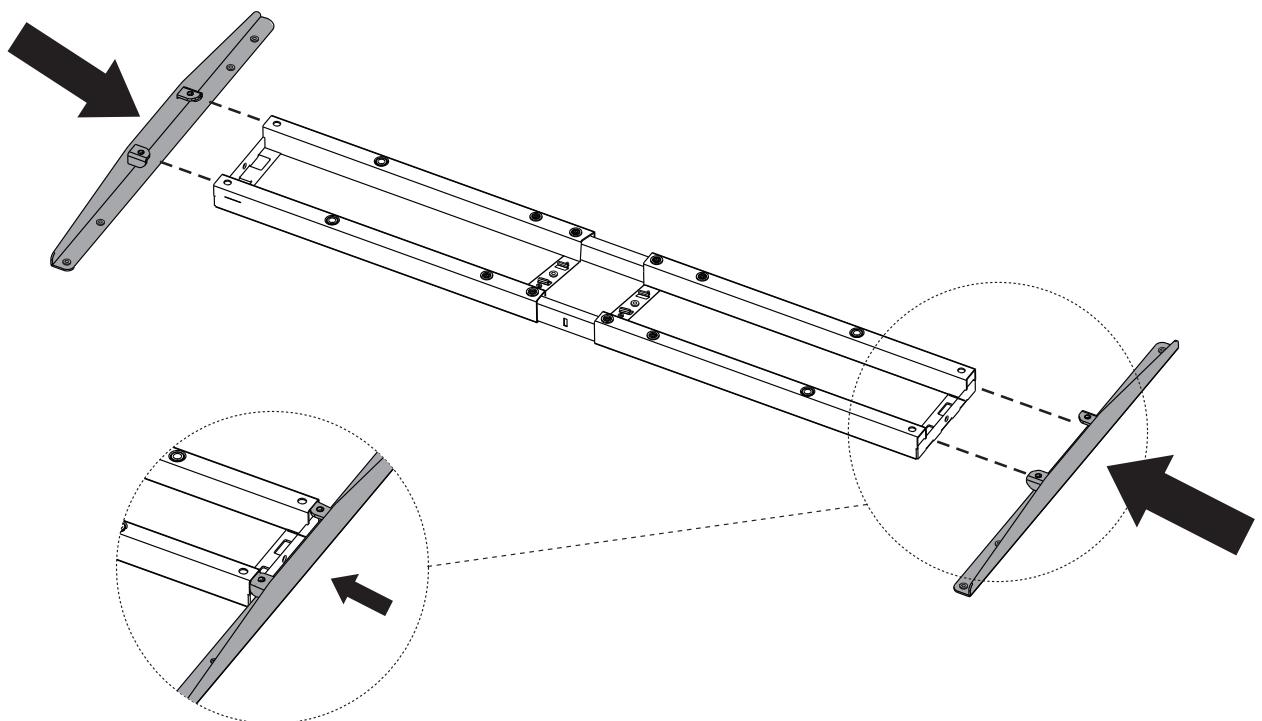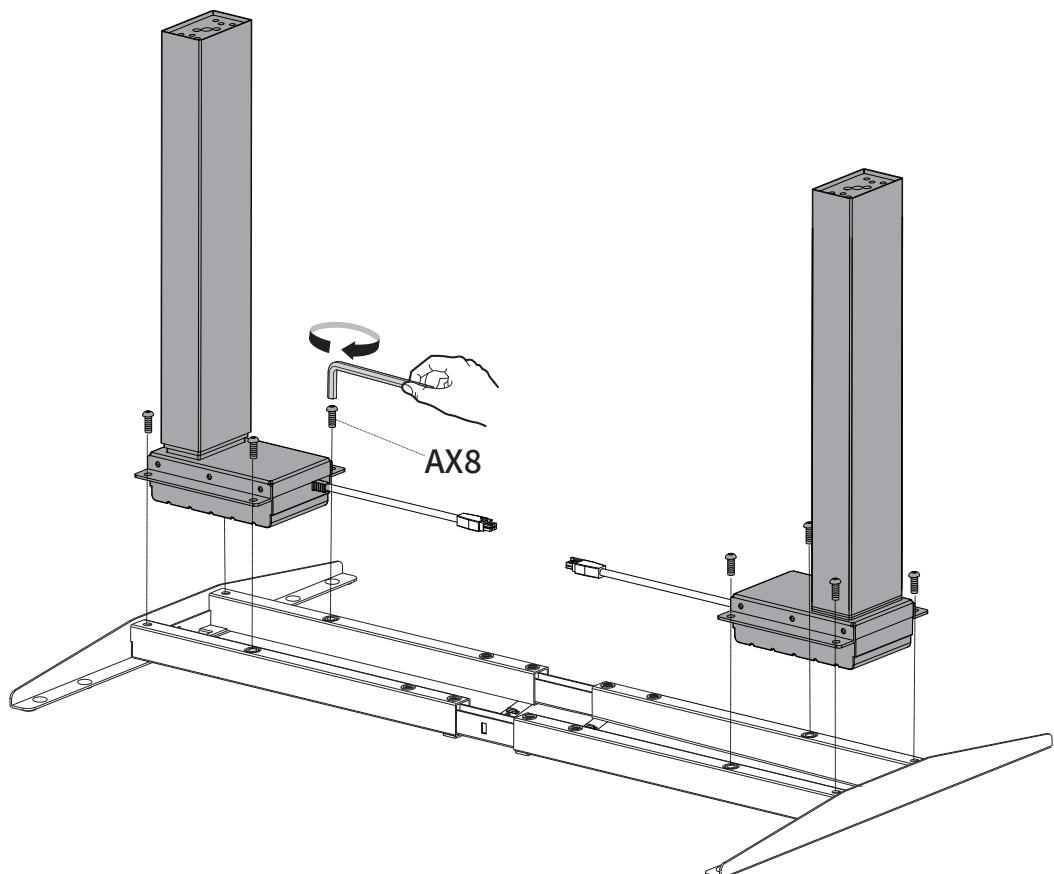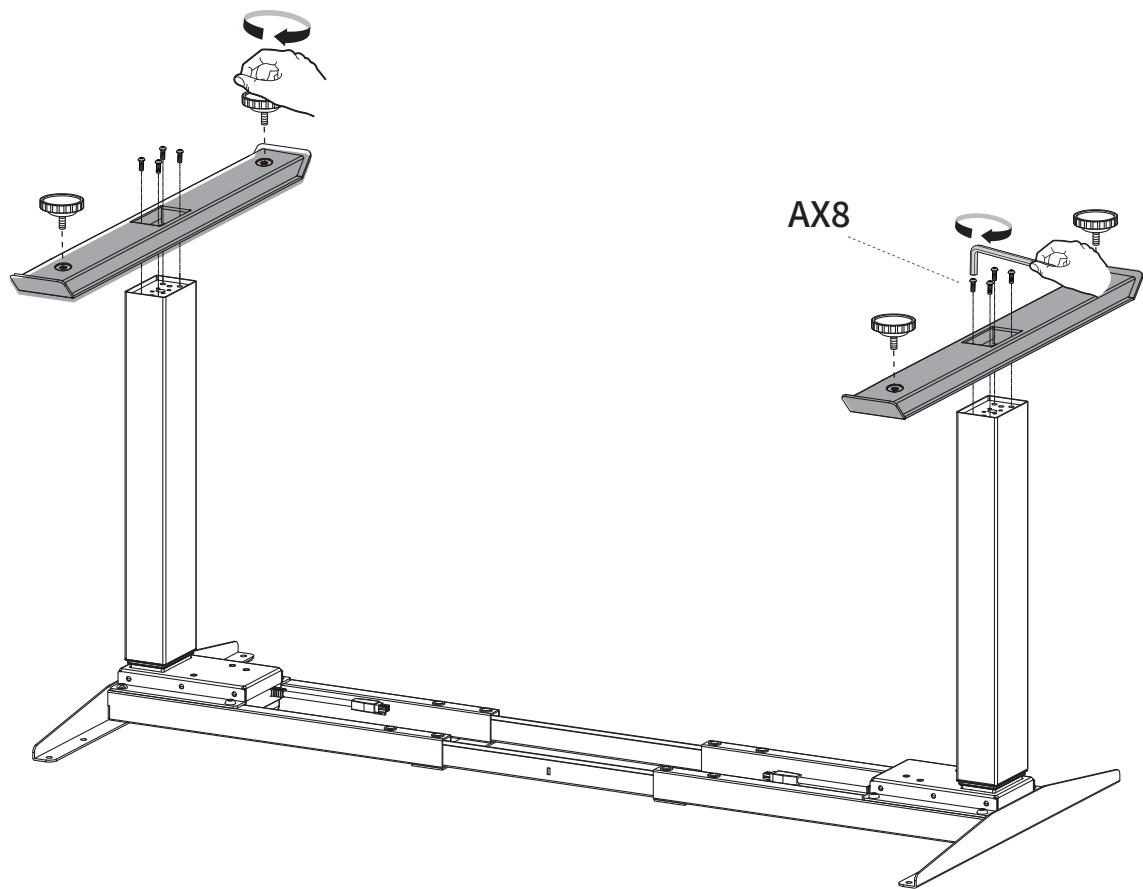
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⚠ The desk base is width adjustable from 100cm (39.4") to 170cm (67").
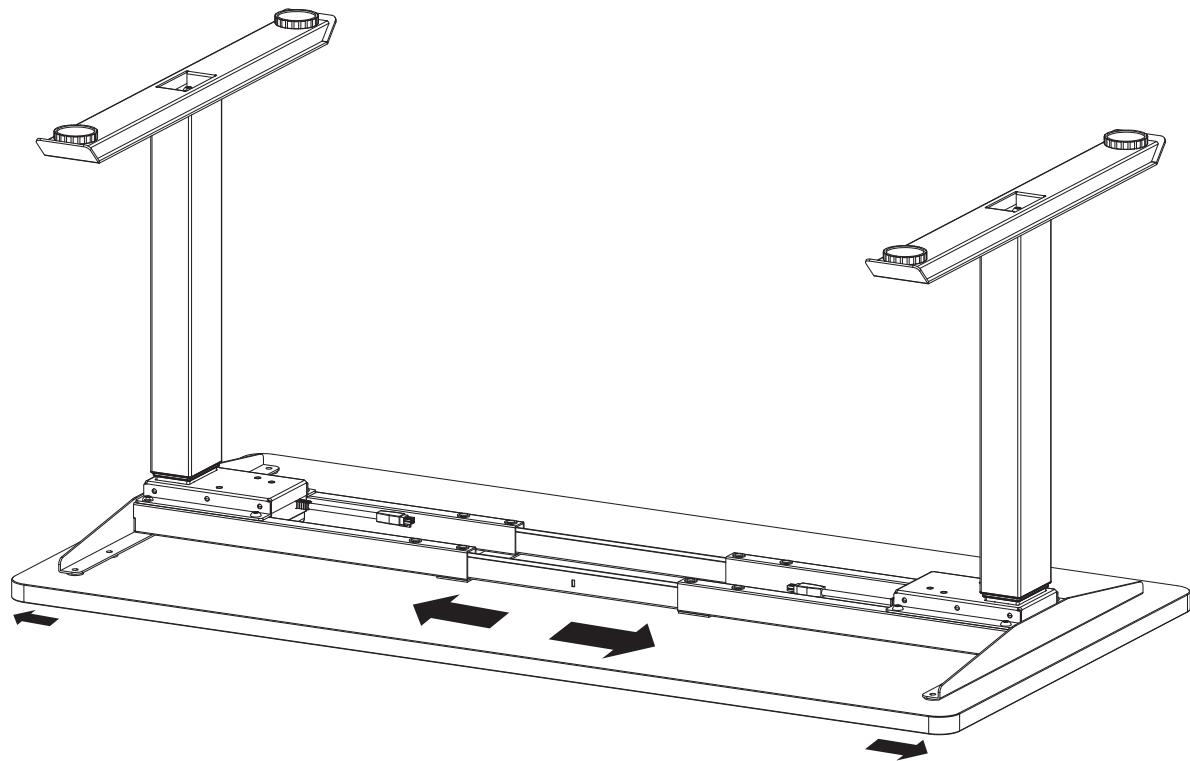
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Make sure the center indicator mark is in the middle.

6

7

BX10

8
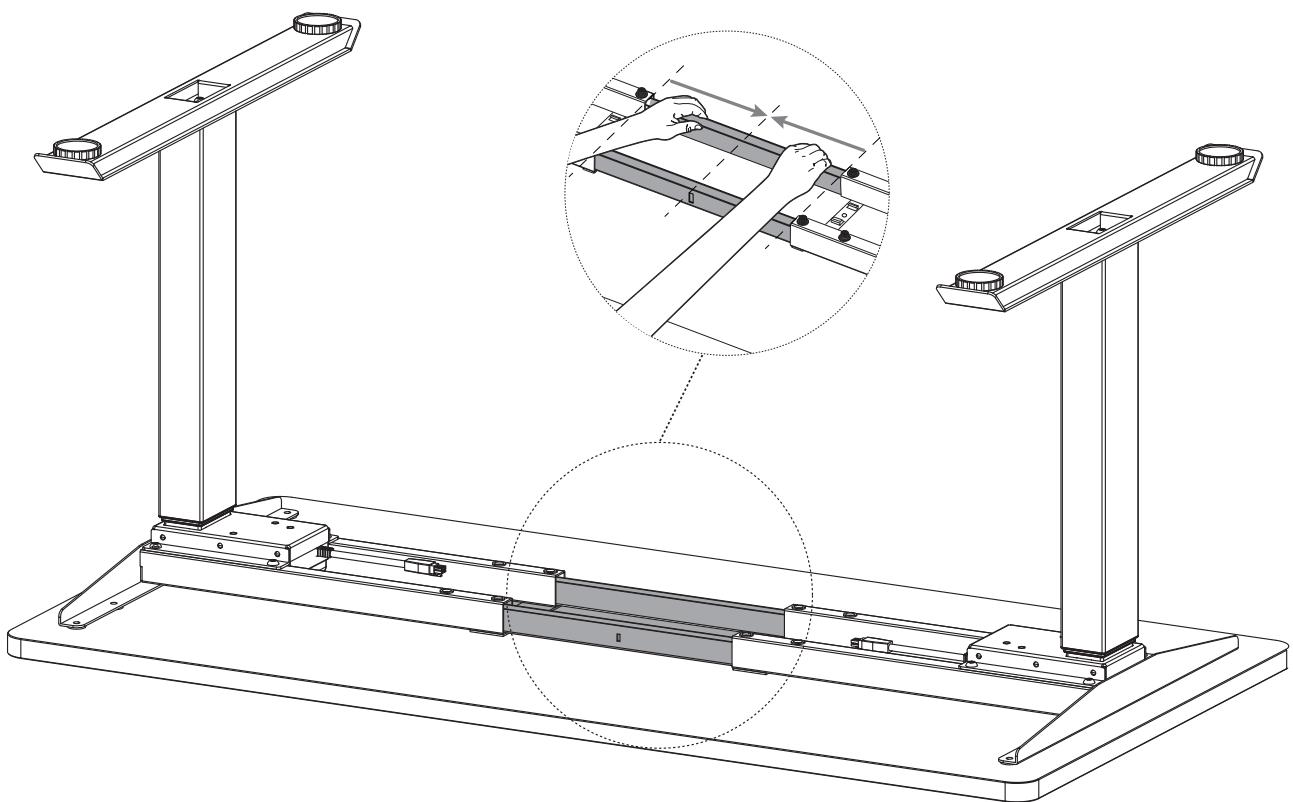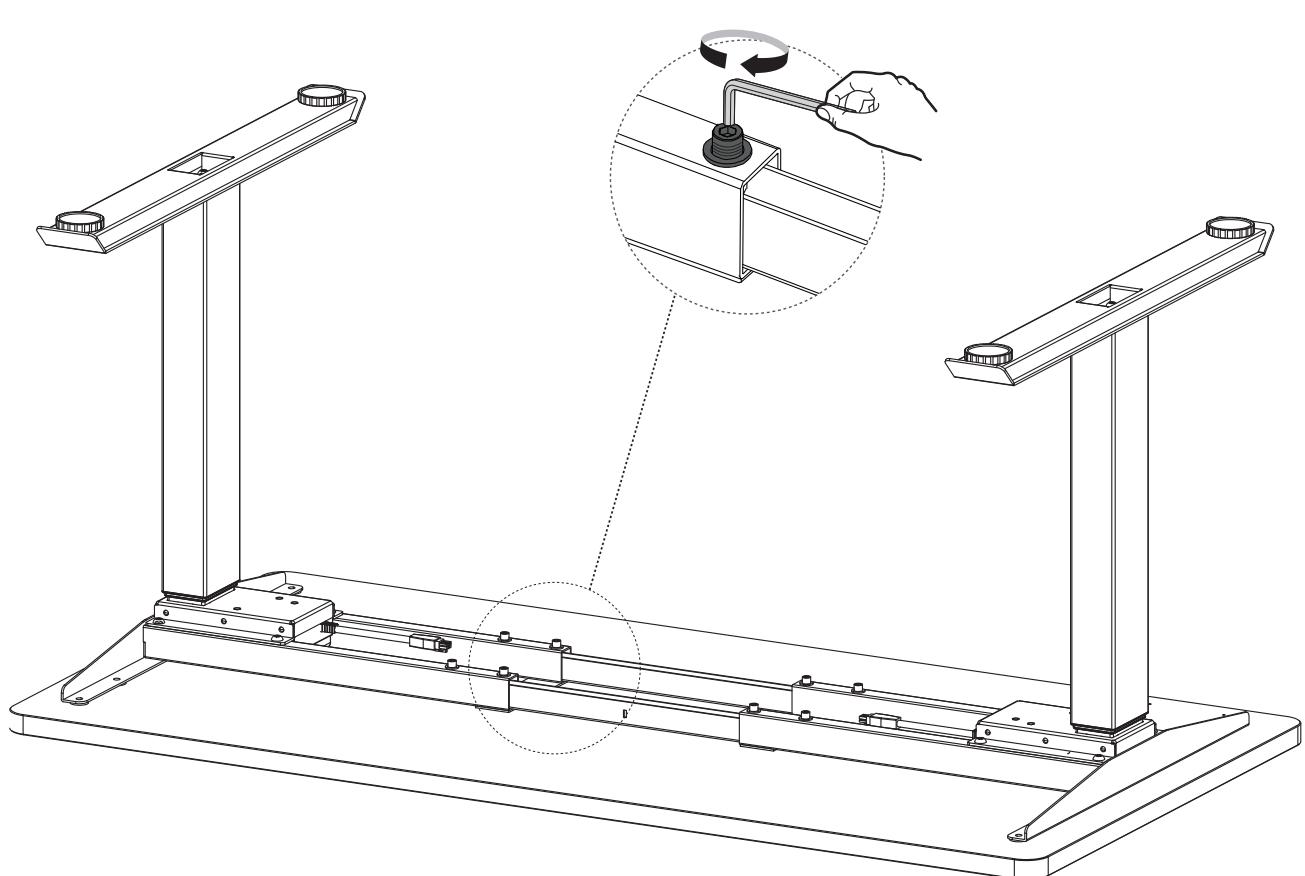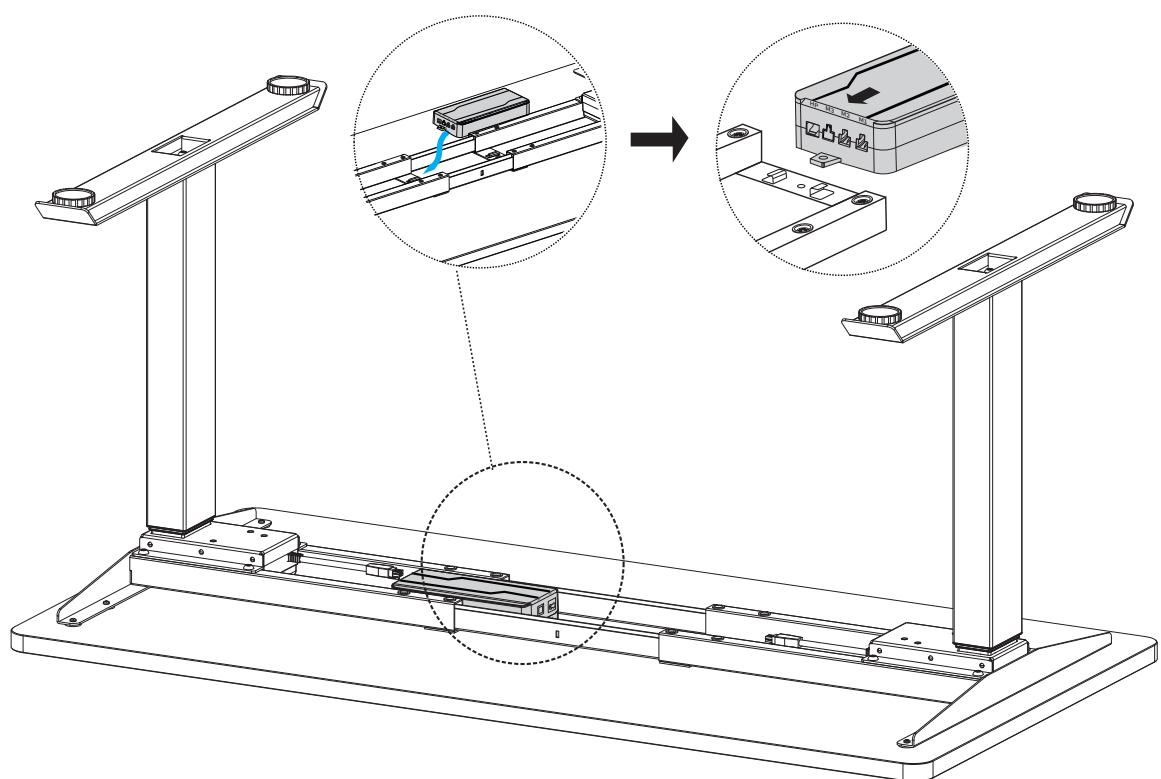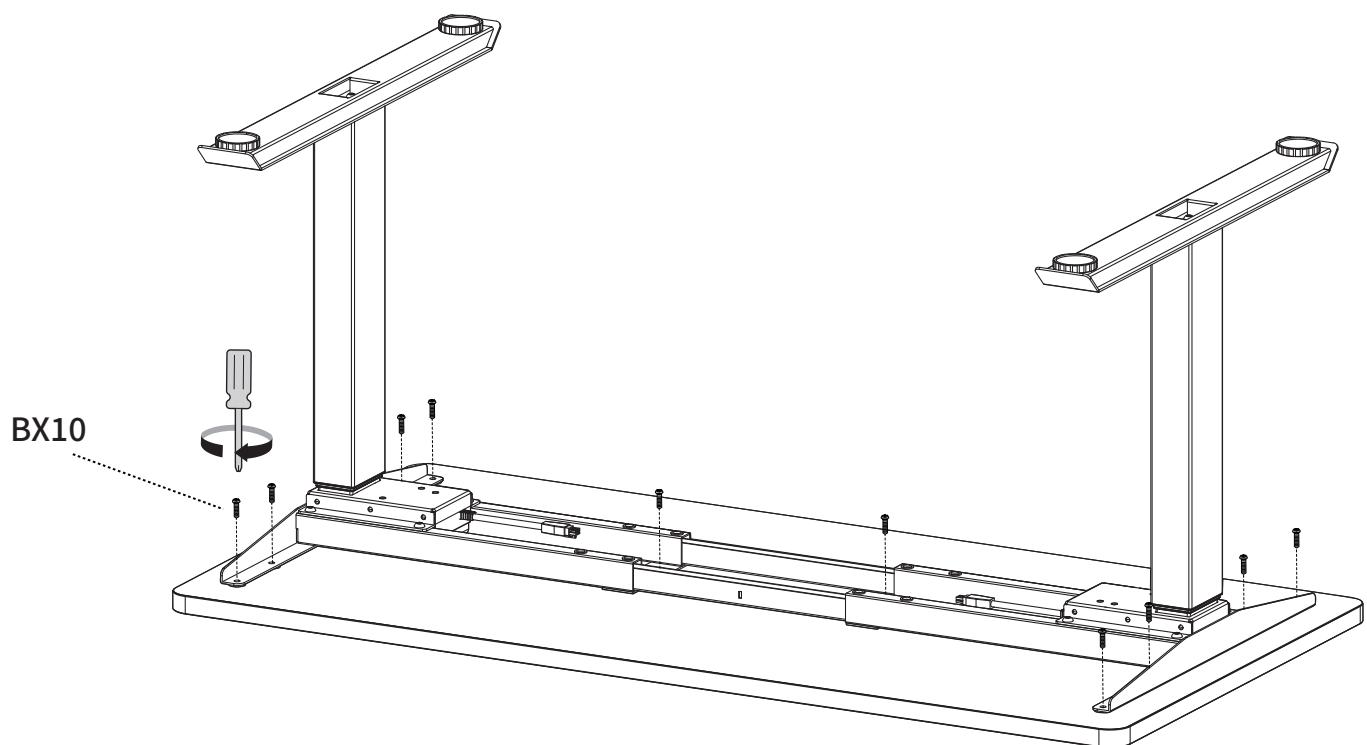
Control Box **MUST** be attached to Your Frame or Desktop tightly in order for your desk to function properly.

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BX2

10

11

12

⚠ Make sure no obstacles are in the desk's path. Make sure all cords are long enough to accommodate the motion of your desk.
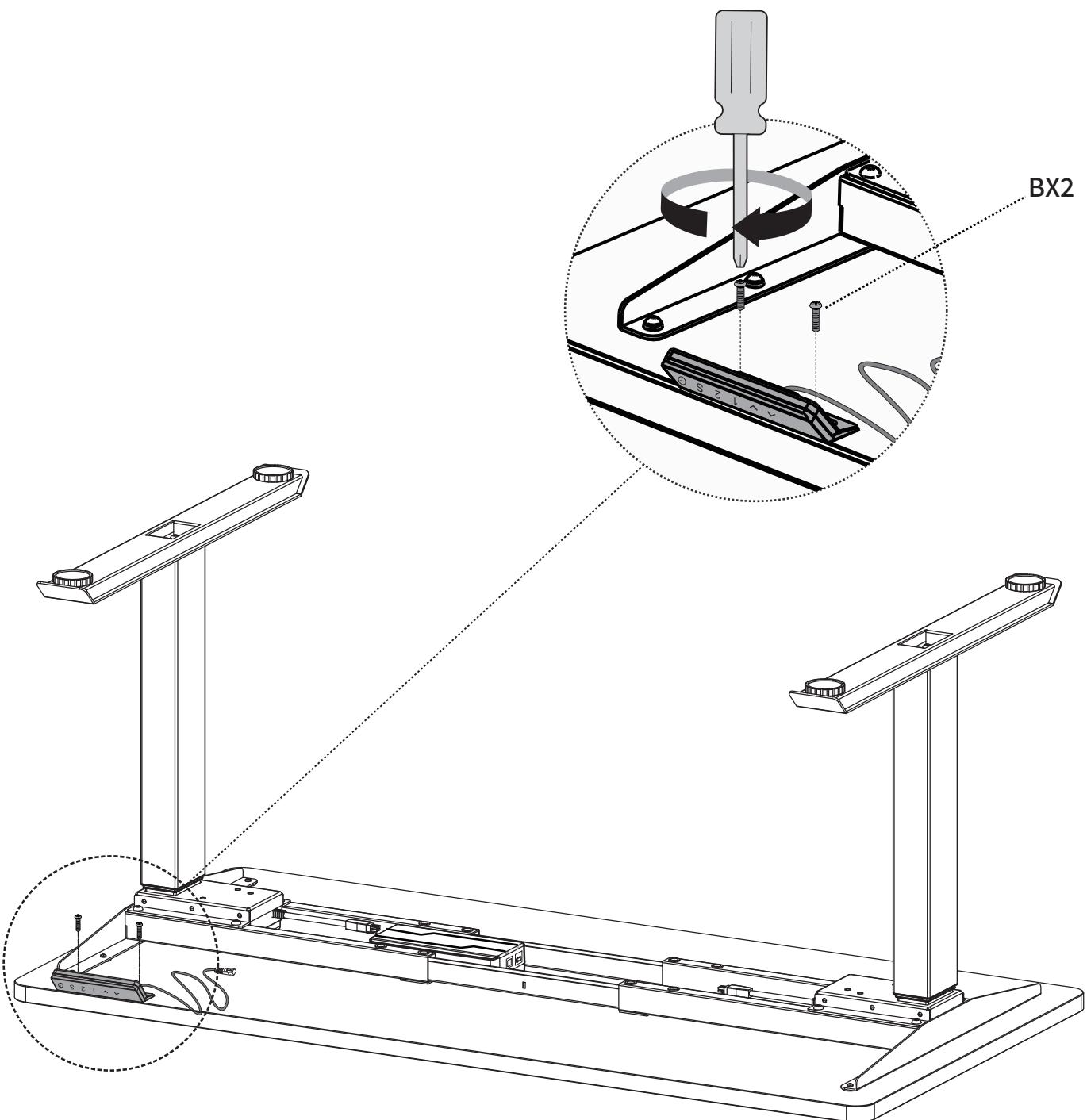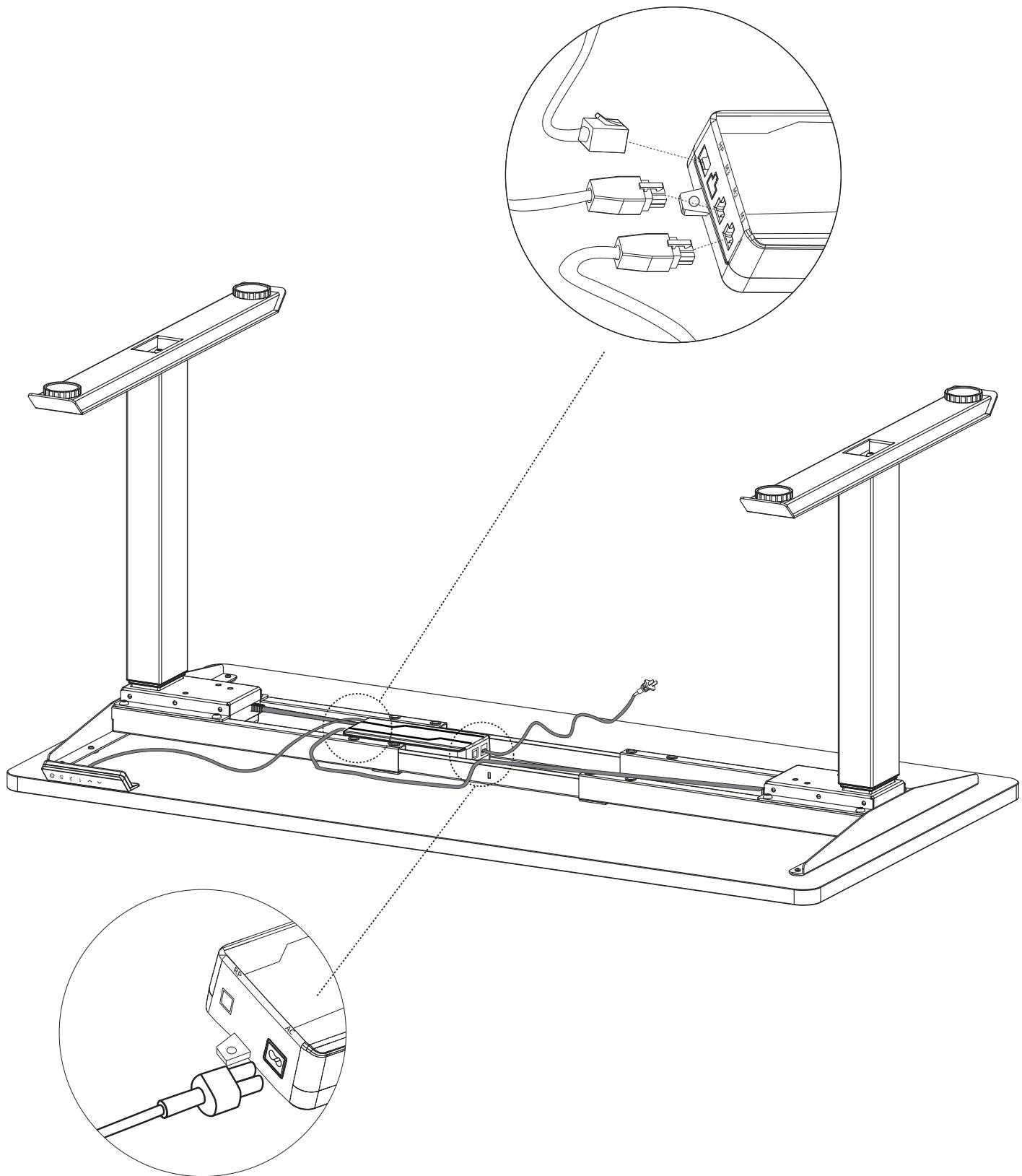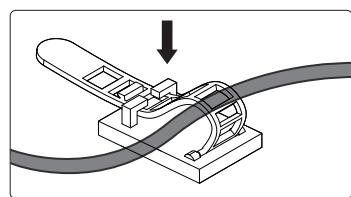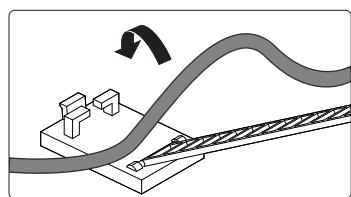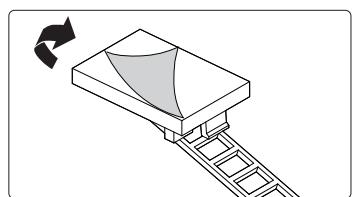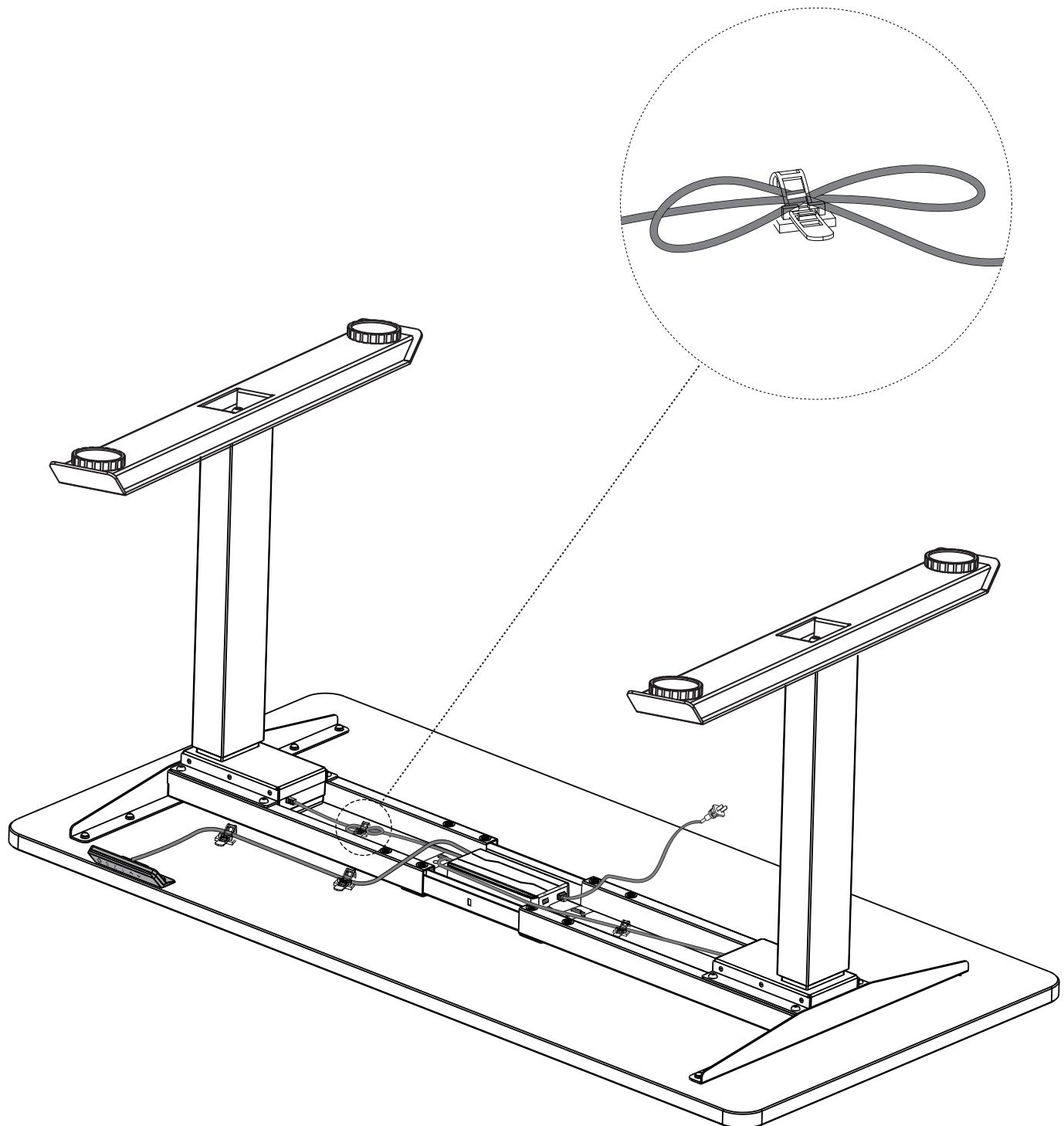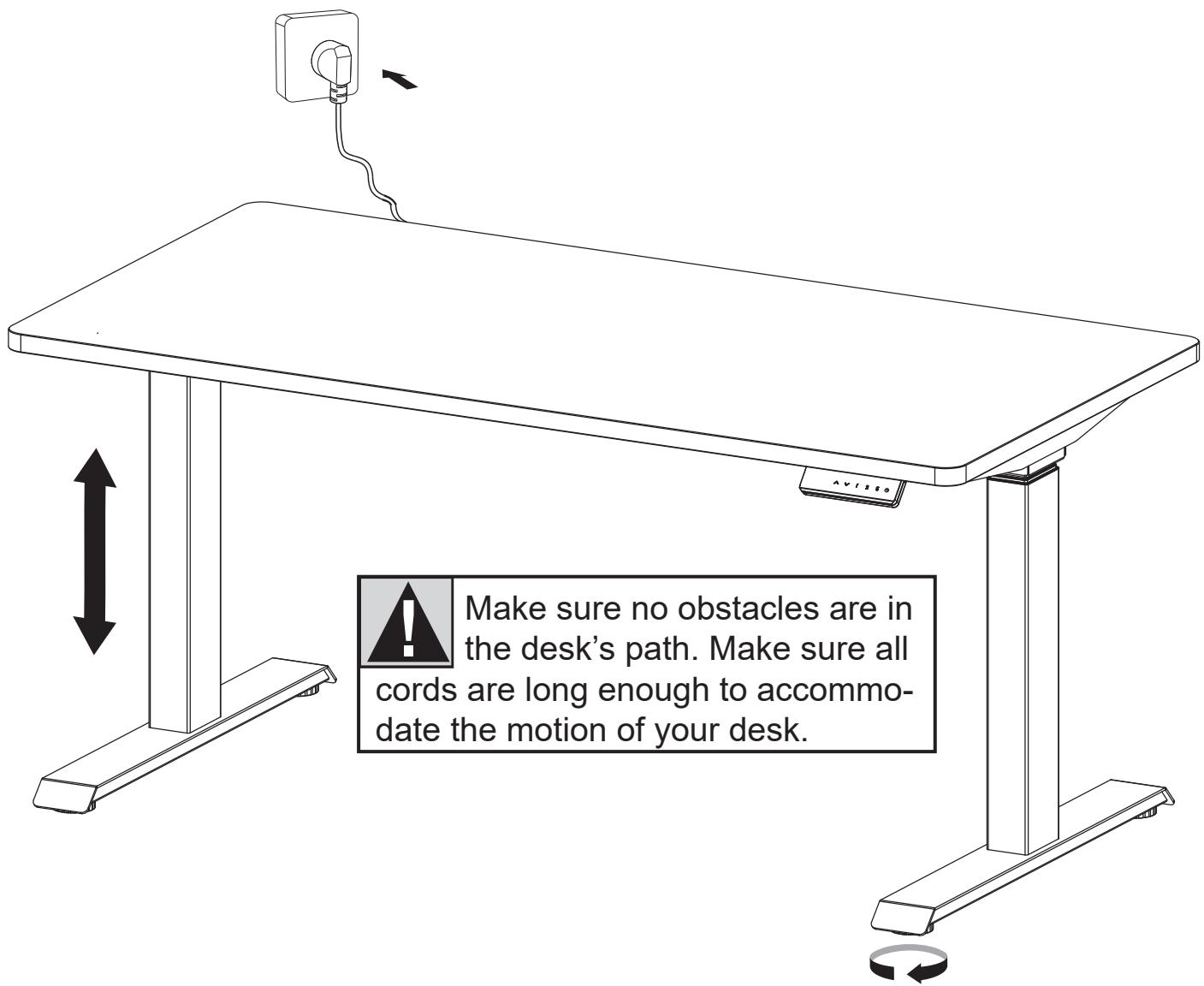
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**IMPORTANT! You must Reset the desk prior to use:**

Press and hold the "⌄" button on the Handset until the desk reaches its lowest height. Release the "⌄" button.

Press and hold the "⌄" button again for about 10 seconds until the desk lowers a little bit more, slightly rises and stops. Release the "⌄" button.

The handset will then display the current height.

Your desk is now ready to use.

rSt   ⌃ ⌄ 1 2 S 🕐
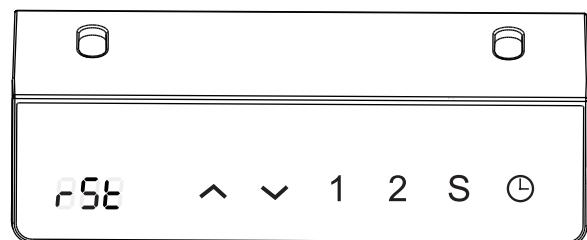
TECHNICAL SPECIFICATIONS

Height Range	63cm (24.8") - 129cm (50.8")
Base Width	100cm (39.4") min 170cm (67") max
Travel Speed	38mm (1.5") per second
Weight Capacity	120kg (264 lbs)
Duty Cycle	10%, Max. 2 mins on,18 mins off

PROGRAMMING INSTRUCTIONS

MEMORY SETTINGS

Save commonly used desk heights and recall them quickly.

1. Use the " ⌃ " or " ⌄ " button to move the desk to the desired height.
2. Press the " S " button.
3. Press the " 1 or 2 " button to assign the current height to a number on the Handset.
4. To bring the desk back to any of these assigned heights, press the numbered button.
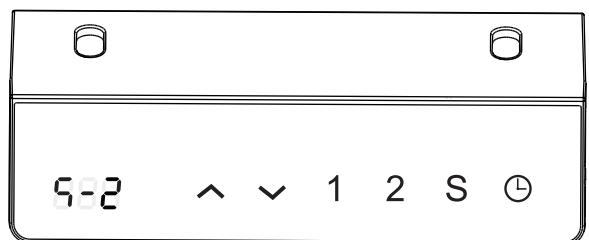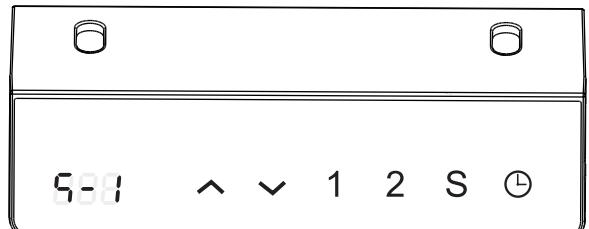
HANDSET LOCK

The Handset can be locked to prevent accidental activation or movement of the desk and to prevent desk settings from being accidentally changed by children or coworkers.

TO LOCK: Press and hold the " ⌃ " and " ⌄ " buttons simultaneously for 5 seconds until the LED reads "**Loc**".

TO UNLOCK: Press and hold the " ⌃ " and " ⌄ " buttons simultaneously for 5 seconds until the LED switches from "**Loc**" to the height display.
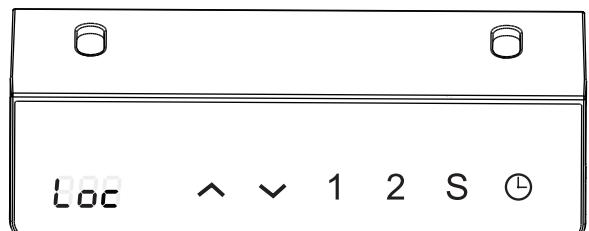
SEDENTARY REMINDER

Press the " ⏱ " button to set reminders every " **0.5** " , " **1** " , " **1.5** ", " **2** " hours.
The handset will send reminders to alternate between sitting and standing.

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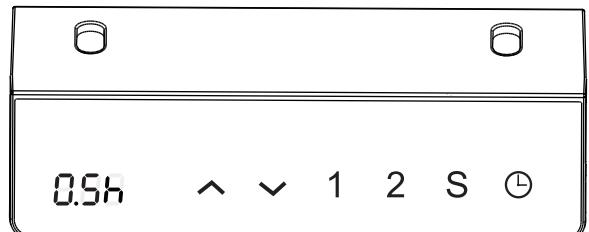
ADVANCED SETTINGS

Press the " Ⓢ " button for 5 seconds until the LED flashes. The menu contains 7 items as the table below. Short press the " Ⓢ " button to select the item you'd like to set, then use the " ⌃ " and " ⌄ " buttons to adjust the value. Long press the " Ⓢ " button to save the settings and a progress bar will appear. "SUS" will be displayed if it has saved successfully, and "FAL" will be displayed if it has failed. The menu will return to the display height automatically if no operation is taken within 10 seconds.

MENU	SETTING RANGE	REMARKS
Minimum Height	63.0cm~119cm (24.8"~46.9")	A RESET procedure requires the desk frame to fully retract (Beyond any minimum height set). Please ensure that you have the proper clearance below the desk frame
Maximum Height	73.0cm~129cm (28.7"~50.8")	If memory settings were previously set outside of the new minimum and maximum height settings, they will default to the new minimum and maximum settings
Starting Height	0.0~30.0cm (11.8")	Increase the Starting Height to the current height range
Upward Anti-Collision	PC0~PC5	0: shut down 1~5: The higher the number, the higher the sensitivity
Downward Anti-Collision	dC0~dC5	0: shut down 1~5: The higher the number, the higher the sensitivity
Sensor Anti-Collision	SS0~SS5	0: shut down 1~5: The higher the number, the higher the sensitivity
Display Unit	U-0	Change the numeric display to show heights in centimeters
	U-1	Change the numeric display to show heights in inches

TROUBLESHOOTING

If your desk does not respond when you try to raise it or lower it, or if the handset displays error messages, perform the reset procedure below.

RESET PROCEDURE
1. Unplug the power cord. Reconnect all the cables and make sure all the cables are secure (Legs to Control Box, Control Box to Handset).
2. Plug the Power Cord back in.
3. Press and hold the " ⌄ " button until the desk reaches its lowest height, then release.
4. Press and hold the " ⌄ " button again for about 10 seconds until the desk lowers a bit more, then slightly rises and stops, then release.
5. The Handset will then display the current height, and you should be able to operate the desk.
6. You may also need to do this if the desk is ever unplugged or loses power.

If the error message persists after reset procedure, contact your supplier.

ERROR CODE TABLE

DESCRIPTION	CODE	TROUBLESHOOTING SOLUTION
Self-Checking Issues	SC0 SC1 SC2 SC3	Power on again. If the code persists, replace the Control Box
Collision Protection by Sensor	r-2	Make sure the Control Box is attached to your frame or desktop tightly. If the code persists, set the Sensor Anti-Collision to a less sensitive level or shut down the Sensor Anti-Collision (Please refer to ADVANCED SETTINGS)
Unsynchronized Legs	r-3	Check all cables to ensure they're all firmly plugged in, and perform Reset procedure
Overheating Protection	hot	Let the desk rest for 18 minutes
Communication Failure	r-5	Check the connection between Handset and Control Box. If the code persists, replace Handset
Abnormal Voltage	r-6	Power on again. If the code persists, replace the Control Box
Reset not Completed	rst	Proceed the Reset procedure
Short Circuit	E10 E20 E30	Power on again. If the code persists, replace the Control Box
Overload Protection	E11 E21 E31	Reduce the load on desk
Motor Open Phase	E12 E22 E32	Perform Reset procedure. If the code persists, replace the Leg
Wrong Running Direction	E13 E23 E33	Perform Reset procedure. If the code persists, replace the Leg
Collision Protection	E14 E24 E34	Check your desk's surroundings to make sure there will be no obstacles in the desk's path and that all cords are long enough to accommodate the motion of your desk. If the code persists, set the Upward Anti-Collision/Downward Anti-Collision to a less sensitive level or shut down the Upward Anti-Collision/Downward Anti-Collision (Please refer to ADVANCED SETTINGS)
Motor Stalling	E15 E25 E35	Perform Reset procedure. If the code persists, replace the Leg
Disconnection of Motor Cable	E16 E26 E36	Check the connection between Leg and Control Box
Mechanical Failure	E17 E27 E37	Perform Reset procedure. If the code persists, replace the Leg