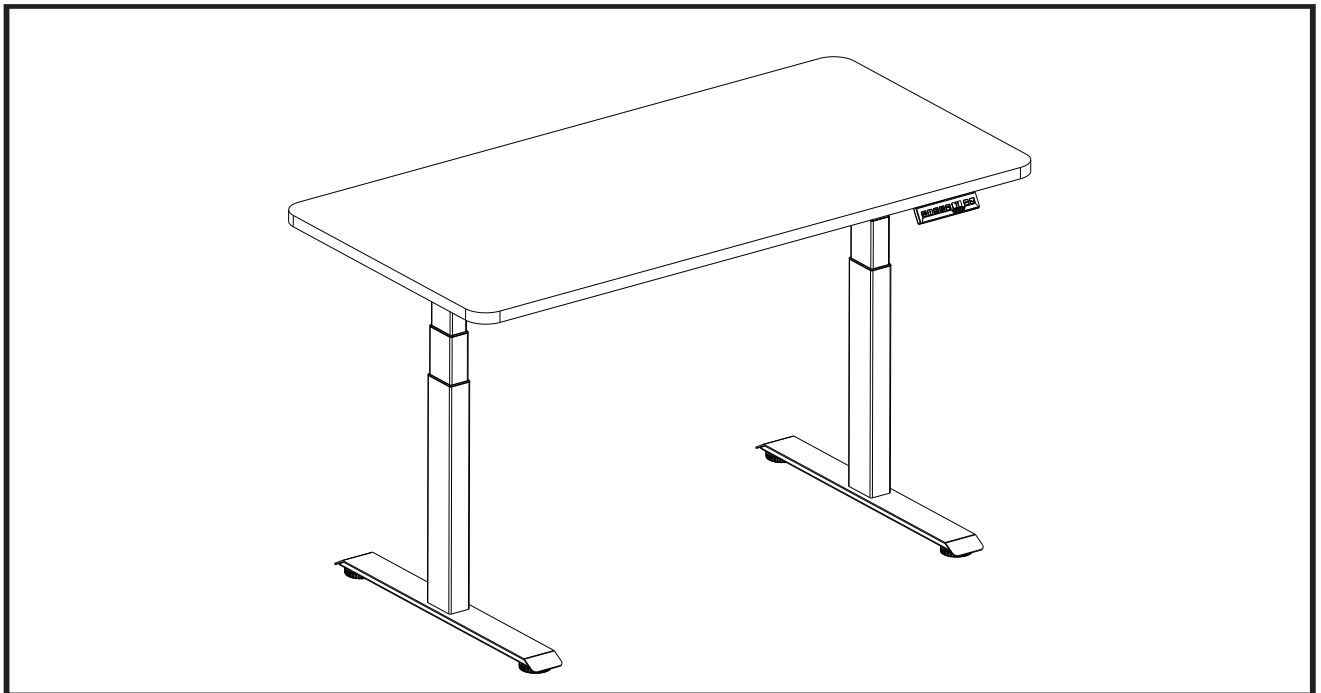


Electric Height Adjustable Desk 2-Leg

User Guide



CAUTION

MAKE SURE NO OBSTACLES ARE IN THE DESK'S PATH AND ALL CORDS ARE OF APPROPRIATE LENGTH FOR DESK TRAVEL. 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 base must study this manual carefully.

If this desk is sold, please provide the manual to the buyer.

▲ CAUTION:

SAFETY AND WARNINGS

- Inappropriate use of this product may cause property or bodily injury. Make sure that children, pets, etc. stay away from the product when the desk is in operation.
- Check the surroundings on all sides before using the desk. Make sure the desk does not touch the wall.
- Please unplug the power supply during lightning and when the product is not in use for a long time.
- Make sure NO obstacles are in the desk's path and no obstacles higher than 500 mm under the table. Body parts and property can be crushed if trapped between an immobile obstacle and the desk's range of motion.
- Keep the work environment temperature at 0-40 °C. And keep goods away from corrosive gases, liquids, and dusty objects.
- Ensure the length of power cords is accounted for when operating the desk. Monitors, computers, speakers, and 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.
- It is strictly forbidden to disassemble the product without permission, in order to prevent the product from malfunctioning and electronic products from causing harm to the human body.
- Please provide this operation to any users, installers, or support personnel operating the product. Read relevant operating instructions before using. The company does not take any responsibility for product damage and human body injury caused by the abnormal operations.

SETUP AND INSTALLATION

Once the desk has been assembled, adjust the feet so that the desk is level and does not shift its position. After this, connect the desk to the 110v or 240v outlet and the desk is ready for use.

Check that no cables can get jammed.

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.

SAFETY AND WARNINGS

This 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 the 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 by improper use handling of the desk frame other than that which is described in this operation manual.

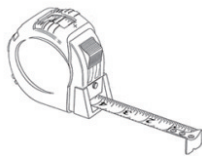
4. PARTS LIST

Tools Required

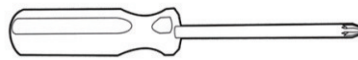


4mm

Wrench(included)



Tapeline



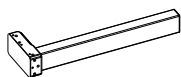
Philips Head Screwdriver



Power Drill

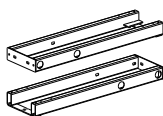
Components

1



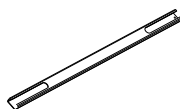
Lifting Column *2

2



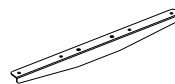
Crossbar End *2

3



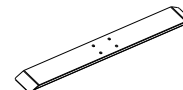
Crossbar Center Rails *2

4



Side Bracket *2

5



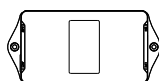
Foot *2

6



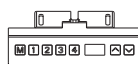
Leveling Studs *4

7



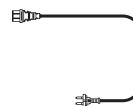
Control Box *1

8



Handset *1

9



Wires *1

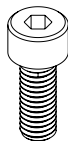
Hardware

A



Qty 8
M6X12
Screws

B



Qty 8
M6X16
Screws

C



Qty 4
M6X8
Screws

D



Qty 10
M5X18
Screws

E



Qty 2
M4X12
Screws

F



Qty 8
M8X10
Screws

G



Qty 10
Washers

H

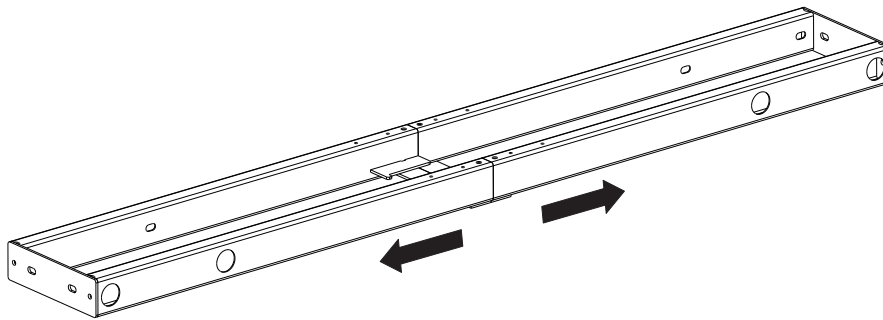


Qty 5
Cable
Clips

5. ASSEMBLY INSTRUCTIONS

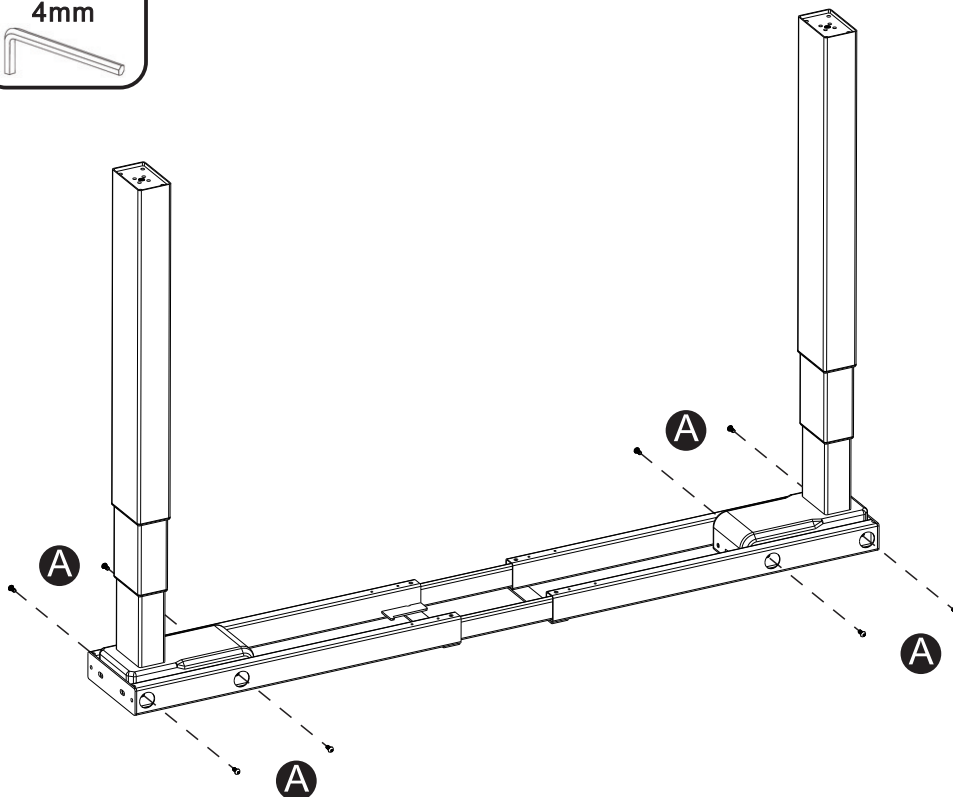
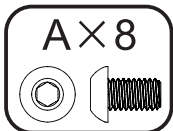
1 Pull out the frame

- a** Before you start, ensure you have all the necessary parts and tools.
- b** We recommend assembling the desk on a clean, flat, and stable surface.
- c** Some steps may require two people for safe lifting and assembly.
- d** Adjust the crossbar to your desired length.



2 Attach legs to Frame

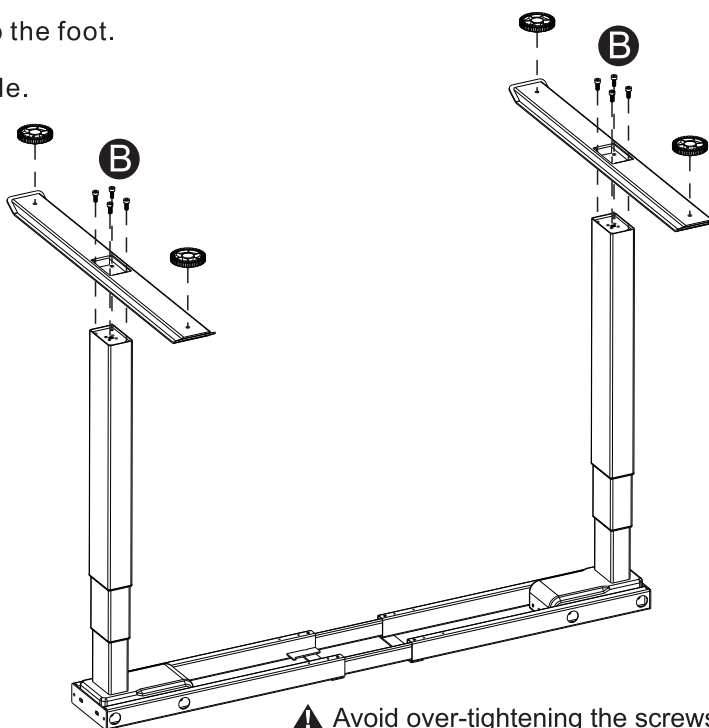
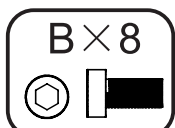
- a** Align the crossbar end to the lifting column, Insert the M6×12 mm screws(A), and tighten it.



⚠ Avoid over-tightening the screws to damage the product.

3 Attach Foot

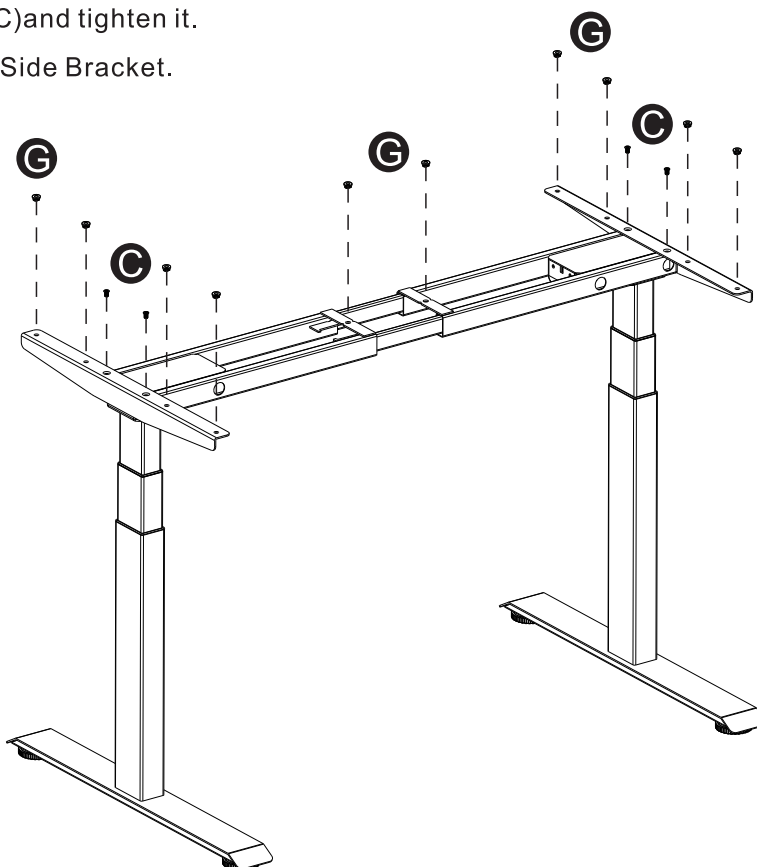
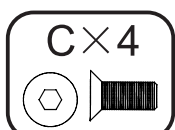
- a** Align the foot with the lift column, and insert four M6×16 mm(B) into the holes under the feet, tighten it.
- b** Attach leveling studs to the foot.
- c** Repeat for the other side.



⚠ Avoid over-tightening the screws to damage the product.

4 Attach Side Bracket

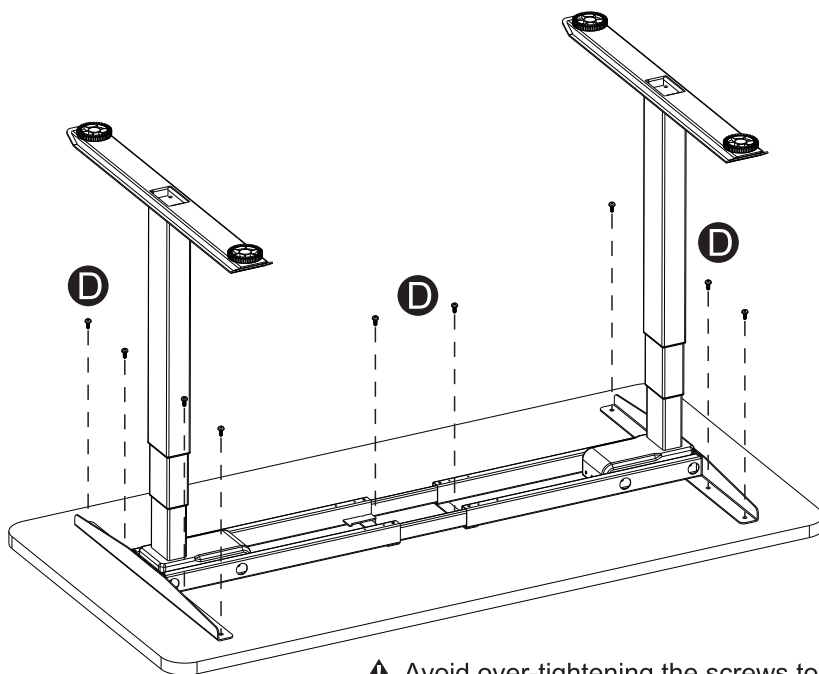
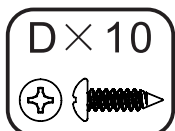
- a** Line up the two holes on the side bracket with the Crossbar End . Insert two M6×8 mm screws(C)and tighten it.
- b** Attach the washers(G) on the Side Bracket.
- c** Repeat for the other side.



⚠ Avoid over-tightening the screws to damage the product.

5 Attach Frame Set to tabletop

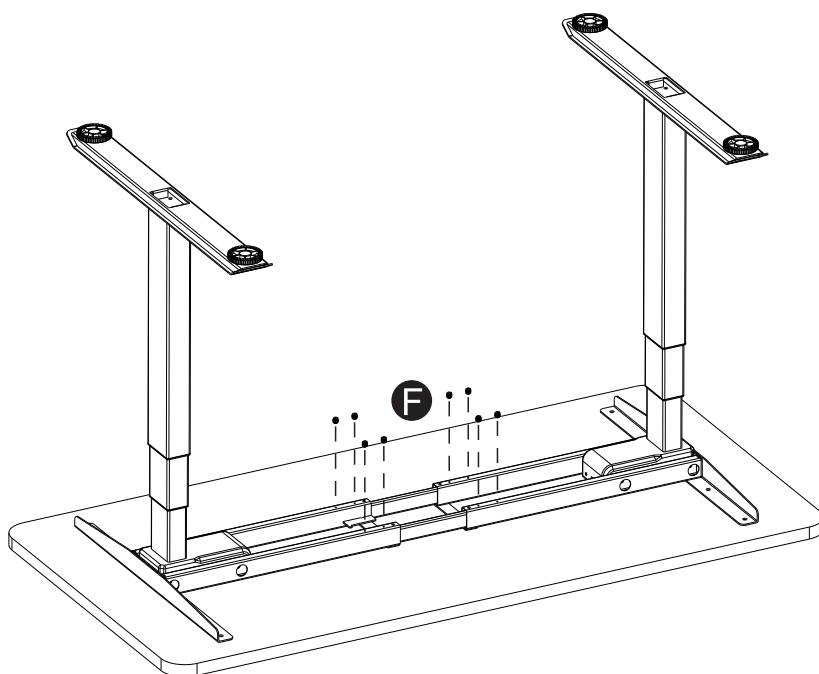
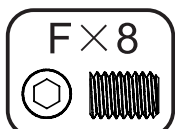
- a** Place the bottom of the tabletop on the underside of the installed frame, stretch the frame. It is recommended that the frame side boards at both ends be 50mm away from the edge of the table board, and fasten with M5×18 mm screws(D).



⚠ Avoid over-tightening the screws to damage the product.

6 Locking Frame Screws

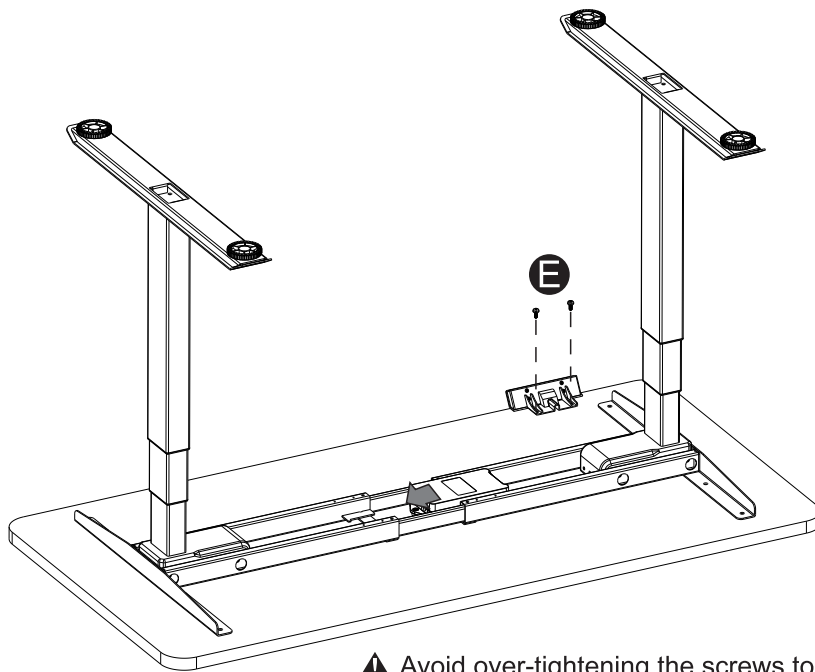
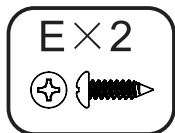
- a** Use M8×10 mm screws(F) to fasten the crossbar ends and crossbar center rails.



⚠ Avoid over-tightening the screws to damage the product.

7 Attach Handset & Control Box

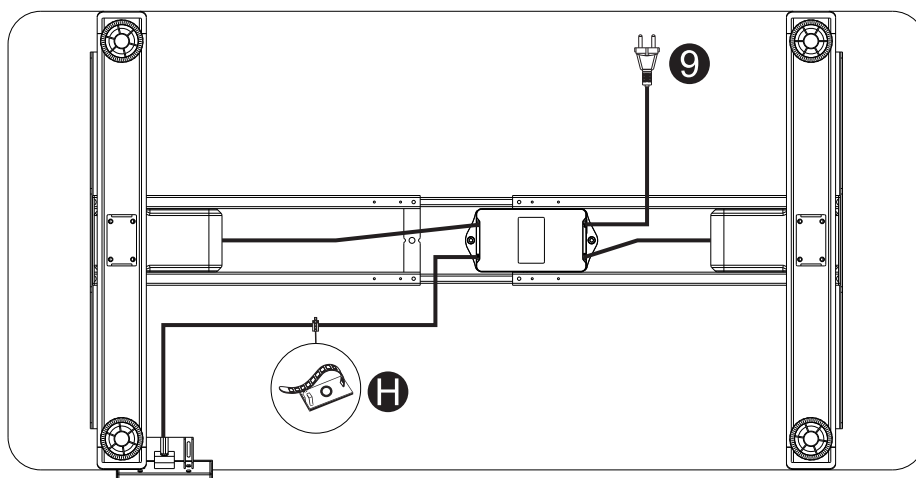
- a** Insert the Control Box (7) controller into the crossbar.
- b** Attach the Handset(8) to the tabletop plate with M4×12mm(E) screws.



⚠ Avoid over-tightening the screws to damage the product.

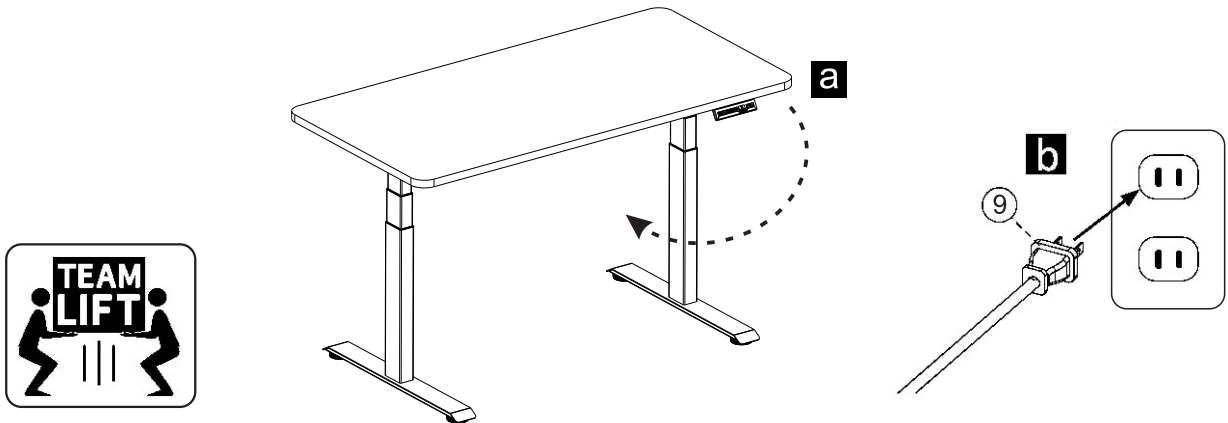
8 Attach Connect Cables

- a** Connect the line pulled from lifting column 1 to Control Box(7)M1. Connect the line pulled from the other lifting column to Control Box(7)M2.
- b** Connect the outgoing lines from the Handset (8) to the Control Box(7) HS port.
- c** Connect power cable (9) to Control Box(7) AC port.



9 Put desk Upright and Connect Power Cord to the Power Supply

- a** With the desk at its lowest height, turn the assembled desk right-side up with the help of at least two people.
- b** Plug the Power Cord(9) into a 110–240v outlet.



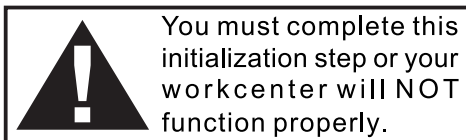
! NOTE: Grab the desk Frame (not the desktop) and turn the desk right-side up.
Use at least two people.
CAUTION, the desk is very heavy!

10 Adjust Leveling Studs

If necessary, adjust the leveling studs to level the desk.
Unscrew to increase height, screw in to decrease height.

11 Initialize

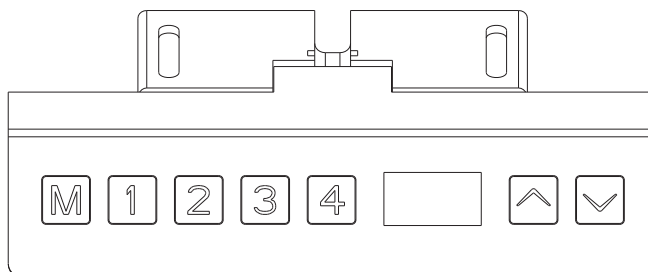
- a** Press "⏮" button until desk reaches the lowest position.
- b** Press "⏮" 5 seconds until there is a beep sound heard, the desk reset successful.
Your desk is ready to use.



You must complete this initialization step or your workcenter will NOT function properly.

Hold down the down arrow until workcenter moves slightly upwards!

6. OPERATING MANUAL



• Reset

⚠ Reset after the initial installation or power failure

1. • When the system is abnormal, or the hand controller displays "RST", The lifting table needs to be reset.
2. • Press and hold the "↵" key to lower the desk to the lowest height, release and press the "↵" key until the display shows RST and a beep sound is heard.
3. • Release the "↵" button, the reset is successful at this time, and the desk can be used normally.

• **Note:** During reset, the anti-collision function is disabled. Please ensure that there are no obstacles near the table during the reset process to prevent danger.

• Up and Down

1. • Press "↑" key to adjust ascending height freely.
2. • Press "↵" key to adjust descending height freely.

• Memory Function

⚠ By memorizing the position setting, you can easily reach the position you want with one click. (Two key switches do not have this function)

1. • Move the desk to your desired height.
2. • Press and hold the M key until show "S—"
3. • Press the "1" key to complete the setting of the first memory. ("2~4" key are the same as above)

• Anti-collision Protection

⚠ Before using this product, check for obstacles and remove them in advance.

- When the tabletop encounters an obstacle in the process of ascending or descending, it will immediately rise or fall in the opposite direction.
- The tabletop runs in reverse for some distance and works normally after removing the obstacle.

● Minimum and Maximum Limit Setting

⚠ Do not set this function unless necessary.

1.   • Hold the "M" + "↓" button at the corresponding height for 5 seconds, then you will hear the buzzer sound, indicating that the lowest position is successfully stored.
2.   • Hold down the "M" + "↓" button for 5 seconds, at this time you will hear the buzzer sound, indicating that the lowest position storage is canceled.
3.   • Hold the "M" + "↑" button for 5 seconds, you will hear the buzzer sound, indicating that the highest position is stored successfully.
4.   • Hold down the "M" + "↑" button for 5 seconds, you will hear the buzzer sound, indicating that the highest position storage is canceled.

⚠ Note: By applying this function to adjust the movement limit position of the table top, once set, the new lowest position and highest position will be archived. Buzzer sound, indicating that the highest position storage is canceled.

● Child Lock

1.   • To lock: Hold "↑" + "↓" for 5 seconds until 'Loc' appears.
2.   • To unlock: Hold again for 5 seconds until display returns to normal.

● Internal Parameters and Installation Distance Settings

1.  • By long pressing the M key for 10 seconds, you can enter the setup interface, showing the x-y simultaneously y flashing, where x is the parameter group, and the parameter value corresponding to y. The parameter group can be switched by pressing "M" and the value of the parameter can be changed by pressing "up" or "down". Set the parameters by pressing the "M" key for 10 seconds to return to the running interface.
2. The following parameters can be set:
 - a. "1-y" When "y" is "0", it means cm. When "y" is "1", it means inch.
 - b. "2-y" "y" indicates the anti-collision sensitivity of the gyro sensor:
0=off, 1=most sensitive, 8=least sensitive
 - c. "3-y" "y" indicates the anti-collision sensitivity when desk is going up:
0=off(not recommended), 1=most sensitive, 8=least sensitive
 - d. "4-y" "y" indicates the anti-collision sensitivity when desk is going down:
0=off(not recommended), 1=most sensitive, 8=least sensitive
 - e. "5-y" "y" indicates the anti-collision sensitivity when desk is slant:
0=off(not recommended), 1=most sensitive, 8=least sensitive
 - f. "yyy" "yyy" indicates the lowest height of the table frame without table top
 - g. "7-y" "y" indicates save key constant touch and one touch
0=constant touch, 1=one touch

● Automatic testing

Specific hand controller, support system run for 2 min stop for 18 min automatic test, the travel of test is between M1 storage location to M2 storage location. When auto test mode, the system will run back and forth for 2 min between M1-M2, then stop for 18 min, infinite loop.

1.    • Access Hold down the "M" + "↑" + "↓" button for 2 seconds, and all decimal points in the digital tube are displayed, indicating automatic test mode, and exiting automatic mode is also holding down the "M" + "↑" + "↓" button for 2 seconds.

Error messages on the handset 's display

Displayed error message	Possible cause	Solution
E01	The main power supply voltage is too high	Check the main power supply
E02	The height deviation between the screw rods exceeds 1cm	Reinitialize
E03	The controller is not connected	Connect to the controller
E04	Hand controller communication error	Check the wire of the manual controller
E05	Backward when encountering obstacles	Place the control box flat or remove obstacles
E06	The main power supply failed to start successfully	Replace the main power supply or check the main power supply connection cable
E07	Protection during the operation of the main power supply	Power on again
E08	Tilt the desktop when running	Reinitialize
Hot	The power supply temperature is too high	Wait for the power temperature to decrease, turn off the power or rest for 18 minutes before running again
E11	Motor 1 is not connected	Check the connecting wires
E12	Motor 1 current sampling channel error	Replace the control board
E13	Motor 1 is missing phase, and some phase lines are disconnected	Check if the motor has abnormal phase wire connections
E14	Motor 1 Hall error, or Hall wire disconnected	Check the Hall signal or replace the connecting wire
E15	Motor 1 internal short circuit	Replace the motor
E16	Motor 1 is stuck in rotation	Reinitialize
E17	Motor 1 is running in the wrong direction	Swap the motor wire or Hall wire
E18	Motor 1 is overloaded due to excessive load	Reduce load
E21	Motor 2 is not connected	Check the connecting wires
E22	Motor 2 current sampling channel error	Replace the control board
E23	Motor 2 is missing phase, and some phase lines are disconnected	Check if the motor has abnormal phase wire connections
E24	Motor 2 Hall error, or Hall wire disconnected	Check the Hall signal or replace the connecting wire
E25	Motor 2 internal short circuit	Replace the motor
E26	Motor 2 is stuck in rotation	Reinitialize
E27	Motor 2 is running in the wrong direction	Swap the motor wire or Hall wire
E28	Motor 2 is overloaded due to excessive load	Reduce load
E40	Controller disconnection in series	Check the connecting wires
E41	There is an error in the serial signal	Check the connecting wires or replace the controller
E42	Memory error	Replace the controller
E43	Encounter obstruction and stop sensor error	Replace the controller