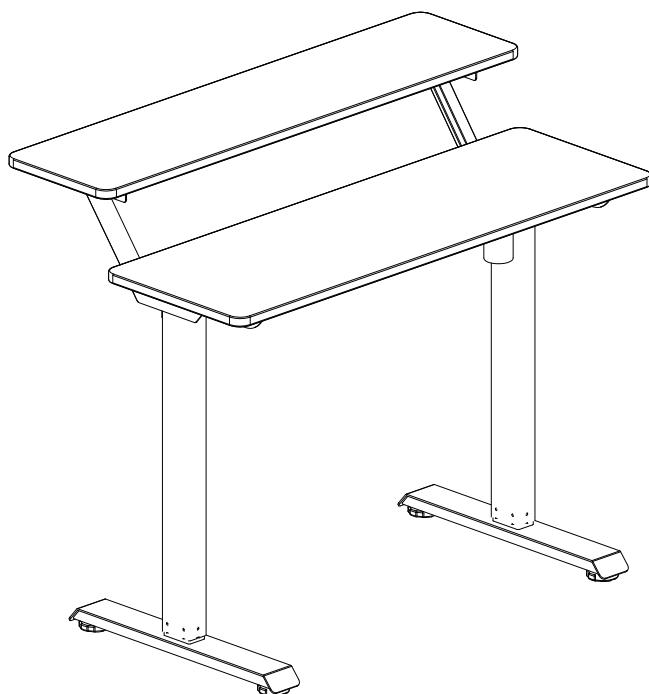




USER'S MANUAL

Elevating Desk

HW67549DE

THIS INSTRUCTION BOOKLET CONTAINS **IMPORTANT** SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.

Please give us a chance to make it right and do better!

Contact our friendly customer service department for help first.

Replacements for missing or damaged parts will be shipped ASAP!

Follow Costway



Contact Us!

Do NOT return this item.

Contact our friendly customer service department for help first.



Before You Start

- ⚠ Please read all instructions carefully.
- ⚠ Retain instructions for future reference.
- ⚠ Separate and count all parts and hardware.
- ⚠ Read through each step carefully and follow the proper order.
- ⚠ We recommend that, where possible, all items are assembled near to the area in which they will be placed in use, to avoid moving the product unnecessarily once assembled.
- ⚠ Always place the product on a flat, steady and stable surface.
- ⚠ Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.

1.Product Description

Our advanced intelligent control system combined with the DT0 hand controller series offers many advantages such as low energy consumption with anti-collision technology including plug and play UL certified components. Soft-start and soft-stop technology means anything you have on your desk moves without being jarred or unsteady—even your cup of coffee. The motion of our table is very smooth and is completely stable with extremely low noise.

2.Functional parameter

1.Basic Function Parameters

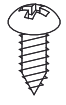
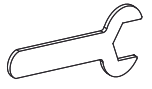
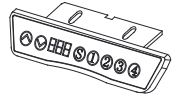
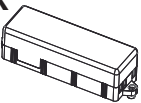
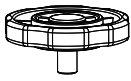
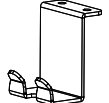
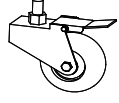
Features	1.1/2/3/4 switch with programmable positions with digital height display. 2.Factory Reset 3.LED lifting height 4.Touch screen button 5.Sedentary reminder function 6Automatic standby mode after 10 seconds 7.Plug and play 8. Anti Collision function
Safeguard	1.Over current protection 2.Over heating protection
Low power consumption	1.Wide power output:110-240v for all markets 2.Low standby power 0.1W

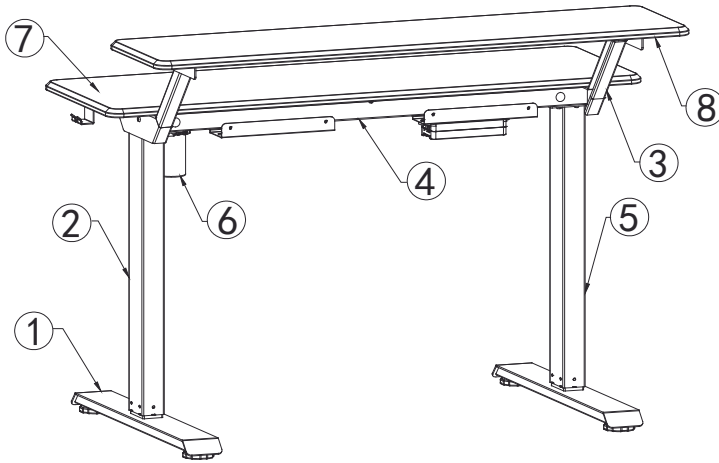
2.Product Specifications

Features	100 - 240VAC,50/60HZ,Max3A
Output Voltage	Max32VDC/Max6A
Number of Motors	1

Operating Frequency	Working cycle 10%, work 2 minutes, Reset 18 minutes
Certification	CE / UL / Bifma 5.5
Operating Temperature	-20℃—50℃
Colour	☐ Black ☐ White ☐ Grey
Height Range (Including panel thickness)	730mm-1220mm 880mm-1370mm
Lifting speed	30mm/S
Noise Level	≤ 45 db
Ambient Temperature	-10 °~ 45° C

3. Parts and Tools

A  Screws	B  Caps (X2)	C  Tapping Screws (X19)	D  Screws (X6)	E  Allen Key (X1)
F  Hexagon driver (X1)	G  Open end Wrench (X1)	H  Cable ties (X4)	I  Screw (X2)	J  Digital Keypad (x1)
K  Control Unit (x1)	L  Foot pads (X4)	M  Power Supply Cord(X1)	N  Hanging Hook(X1)	P  Wheel (X4) (Optional Part)

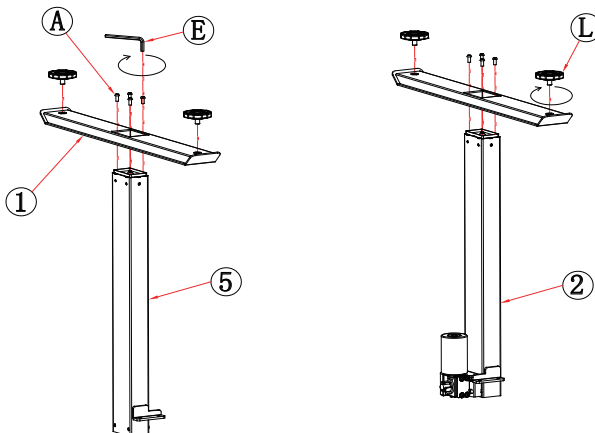


- | | |
|-----------------------|------------------------|
| ① Foot | ⑤ Right Lifting Column |
| ② Left Lifting Column | ⑥ Left Motor |
| ③ Side Bracket | ⑦ Main Worktop |
| ④ Expandable Beam | ⑧ 2nd Tier Worktop |

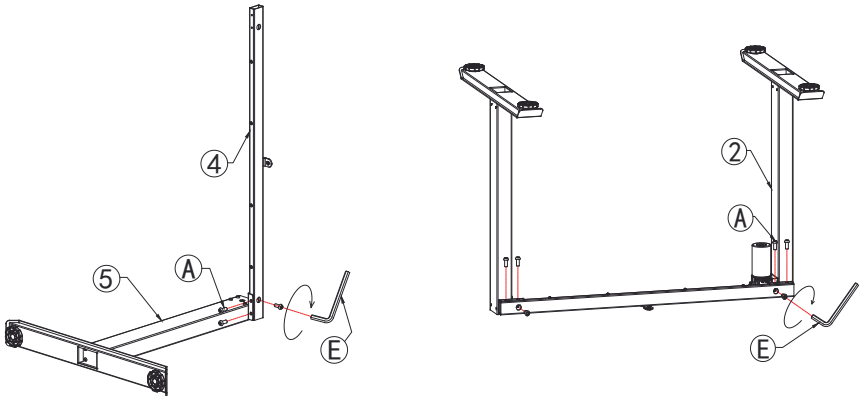
4.Assembly Instructions step by step

1

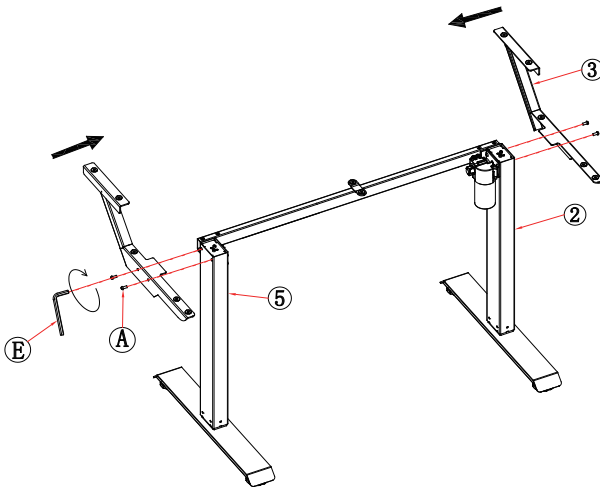
Attach the feet ① to each lifting column ② ⑤ and tighten clockwise with ① screws-(8PCS) using the Allen wrench ① as shown, then screw in the foot pads ① as shown in the diagram.



- 2** Attach the beam ④ on the right column ⑤ with screws ①-(3pcs), then attach the left column ② to the beam with screws ①-(3pcs), and tighten the screws clockwise with the Allen wrench ⑥ as diagram shows .

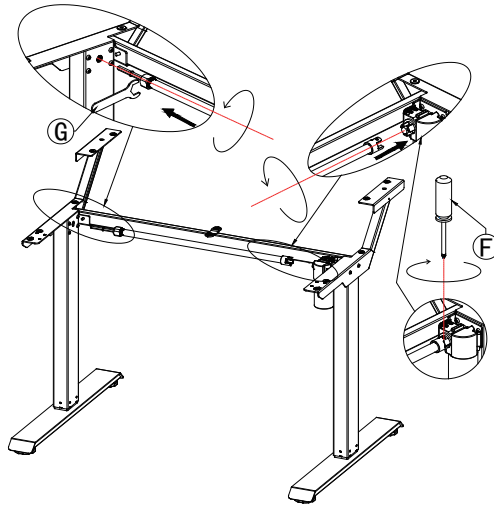


- 3** Attach each side bracket ③ to each lifting column ② ⑤ as shown and secure clockwise with screws ① -(4 PCS) by the Allen wrench ⑥ as shown in the diagram.

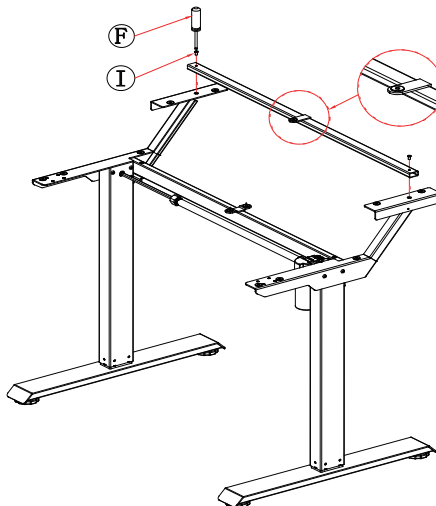


4

Loosen the large nut using the spanner ⑥ and extend the sync rod then insert into the motor spindle as shown, then twist clockwise to lock, adjust the rod to required length then tighten the screw with a screwdriver ⑦ as shown.

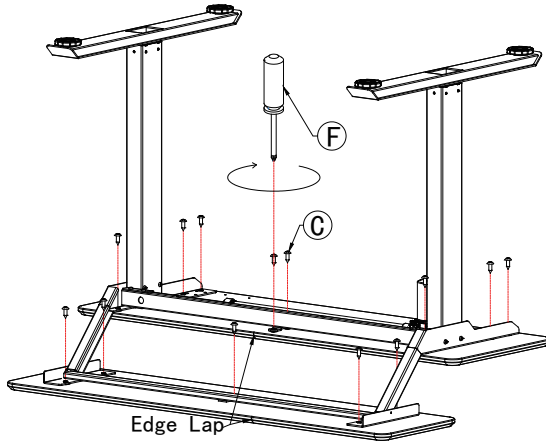

5

Make sure the small middle beam bracket is facing inwards as shown, then fix the 2nd tier beam with screws ①-(2 PCS), using the hexagonal screwdriver ⑧ to secure the centre of the beam to the worktop from underneath as diagram shows.



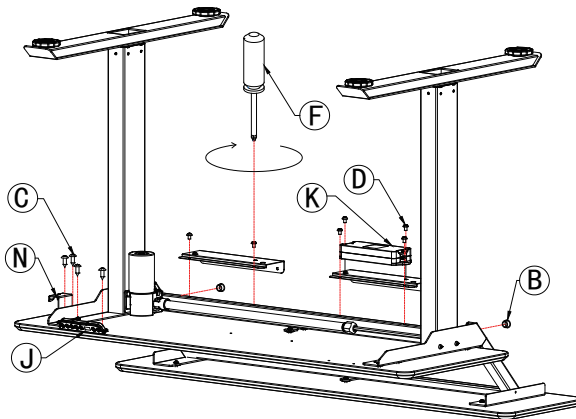
6

Attach small worktop on the 2nd tier bracket, place the larger worktop onto the lower bracket. Line up the pre-drilled holes. Use the hexagonal screwdriver (F) and secure clockwise with tapping screws (C) -(13PCS) as shown in the diagram.



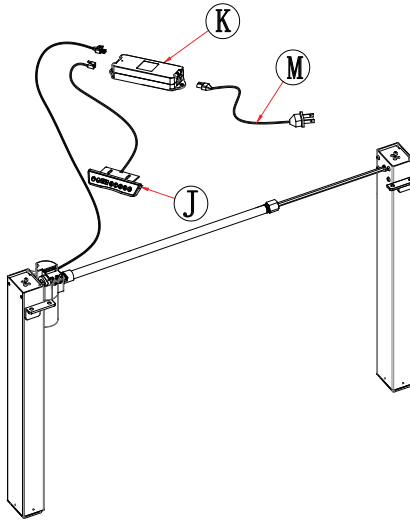
7

Attach the 2 cable trays with screws (D) -(4PCS) to the beam, then attach the control box (K) to the cable tray with screws (D) -(2PCS). Attach the bracket & Digital Keypad (J) to the worktop with screws (C) -(4PCS), and tighten the locking screws clockwise with a screwdriver, then finally plug the caps (B) -(2PCS) then carefully turn over to complete the assembly as diagram shows.

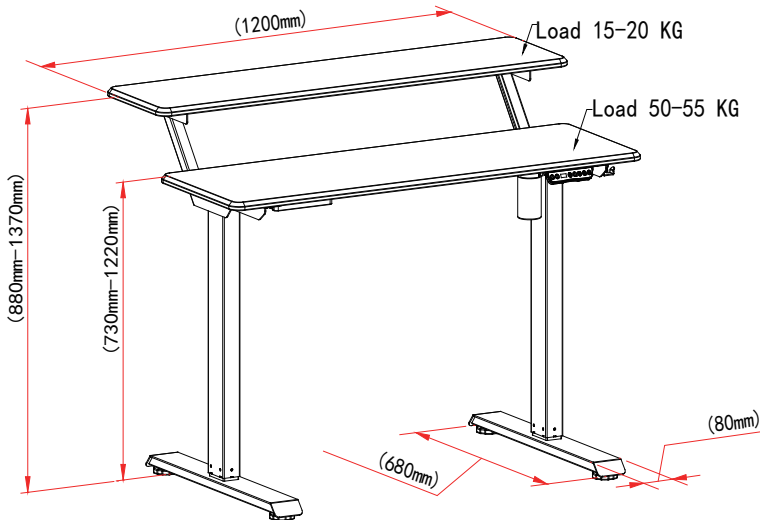


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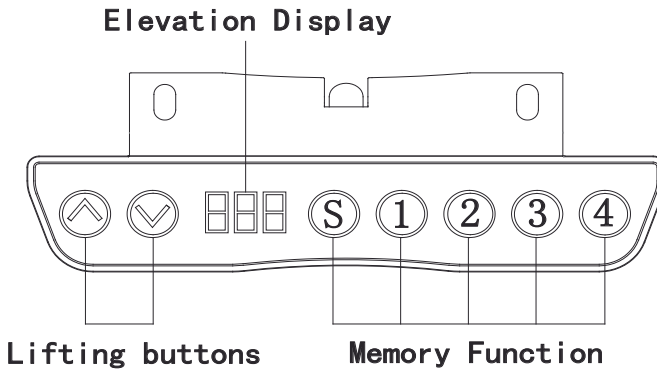
Plug the motor cord into the control box (K) (1PC), then plug in the marked power cord (M) (1PC), then plug in the Digital keypad (J) (1PC) as diagram shown.


9

Dimension Diagram



5.Control System Instructions



1) Initialization Operation

When the system is abnormal, or hand controller display the "RST", the lift table needs to be initialized. Press the "DOWN" button until the motor stops, then after 5 seconds, it enters the initialization mode automatically. The "DOWN" button cannot be released at this time. If the "DOWN" button is released, the system initialization will stop. After the initialization is completed, the buzzer will prompt, indicating that the initialization is successful.

2) Up Down Operation

- Press "UP" button, the desktop will move up until reaching the highest point of the desktop. When press "DOWN" button, the desktop will run down until it reaches the lowest desktop.
- Short press the "UP" or "DOWN" button, the desktop will run a short distance, corresponding implementation point will move.

3) Store Position and Memory Operation

- The hand controller can store 4 different height settings, the setting method is as follows. When a certain height is stored to a specific point, press the "SET" button, the display will show "S" and "-" flashing at the same time. When pressing "1-4" at this time, the height position will be stored to the preferred corresponding button.

➤ Once memorized, you can recall any of the 4 heights by pressing the corresponding button of the corresponding height position, then automatically respond to the stored height. To stop, press any key.

4) Height limit setting

➤ The system supports the height limit of the desktop. When the current height is set to the height limit of the desktop, press the UP + DOWN button for 5 seconds at the corresponding height, then the buzzer sound will be heard,

➤ Cancel the storage height: Method 1: Initialize the system at this time, the system height limit is canceled. Method 2: Let the desktop run to the limit high or low point, while holding down the "UP" + "DOWN" button for 5 seconds, you will hear the buzzer sound, indicating that the restriction position was canceled successfully.

➤ When the table is in the first half of the itinerary, the limit is high. When the table is in the second half of the itinerary, the limit is the lowest position.

5) Lock and Unlock the desktop

➤ Lock: Press the "SET" + "UP" at the same time for 5 seconds. When the digital tube displays "Loc", it means the system has been locked and you can't make a lift to the system operation.

➤ Unlock: Press the "SET" and "DOWN" at the same time for 5 seconds. When the digital tube displays from "Loc" to normal digital display, it means the system has been unlocked.

6) Sedentary reminder

Press button "1" + "3" at the same time, the hand controller displays "x.xh". press "UP" or "DOWN" to set a specific time, such as 0.5h, it would exit automatically after 2 seconds, the digital tube will go out and display a flashing ".", indicating it is running for a specific time, when the buzzer prompts five times, the hand controller would wake up automatically.

7) The internal parameters and installation height Settings

➤ By pressing the "SET" key for 5 seconds, you can enter the setting interface, it displays "S-x" and "x" flashes, where "x" is the parameter group. Press "SET" to enter the parameter group and set the corresponding parameters. Press "UP" or "DOWN" to switch the parameter group. After setting the parameters, press the "SET" key and return to the running interface.

The parameters can be set as follows:

- A. "S-1" 0 means metric display, 1 means inch display.
- B. "S-2" means the accuracy of the sensor being blocked, 0 means off, 8 is the most sensitive, and 1 is the least sensitive.
- C. "S-3" means the accuracy of the upward current being blocked, 0 means off, 8 is the most sensitive, and 1 is the least sensitive.
- D. "S-4" means the accuracy of the downward current being blocked, 0 means off, 8 is the most sensitive, and 1 is the least sensitive.
- E. "S-5" means the installation distance at this time, the unit is cm.
- F "S-6" 0 means loosening and stopping operation by pressing the storage location key, 1 means automatically running to the storage location by pressing the storage location key, and stopping by pressing any key.
- G. "S-7" 0 means to close the 2-minute and 18-minute working system, relying solely on the temperature protection controller. 1 means to open the 2-minute and 18-minute working system.
- H. "S-8" means the tilt and sensitivity of the desktop. Prevent the inconsistent height of the two table legs caused by the break of the screw rod or other reasons. 0 means off, 1-8 means an inclination angle of 0.5-4°.

9) Troubleshooting / Error Codes

Error Code	Description	Solutions
E1	The main power supply voltage exceeds 45V	Check main power
E2	The height deviation between the screw rods exceeds 1cm	Reinitialize
E4	Hand control connection or communication error	Check the hand controller line
E5	Blocked off stop	Release the button and restart
E6	The main power supply failed to start and is lower than 20V	Replace the main power supply, or check the main power connection line
E8	Tilt when the desktop is running	Reinitialize
HOT	The power supply temperature is too high, or it runs for more than 2 minutes in 18 minutes	Wait for the temperature of the power supply to drop, or let the system rest for 18 minutes to run again
E11	Motor 1 is not connected	Check the connection line
E12	Motor 1 current sampling channel error	Replace the control board
E13	Motor 1 phase loss, phase line disconnection	Check whether the phase line of the motor is connected abnormally
E14	Motor 1 Hall error or Hall wire disconnection	Check the Hall signal, or replace the connection line
E15	Motor 1 internal short circuit	Replace the motor
E16	Motor 1 blocked	Reinitialize
E17	Motor 1 runs in the wrong direction	Exchange motor wire or Hall wire
E18	Motor 1 is overloaded	Reduce loads
E21	Motor 2 is not connected	Check the connection line
E22	Motor 2 current sampling channel error	Replace the control board
E23	Motor 2 phase loss, phase line disconnection	Check whether the phase line of the motor is connected abnormally
E24	Motor 2 Hall error or Hall wire disconnection	Check the Hall signal, or replace the connection line
E25	Motor 2 internal short circuit	Replace the motor

E26	Motor 2 blocked	Reinitialize
E27	Motor 2 runs in the wrong direction	Exchange motor wire or Hall wire
E28	Motor 2 is overloaded	Reduce loads
E40	The controller is disconnected in series	Check the connection line
E41	Series signal is wrong	Check the connection line, or replace the controller
E42	Memory error	Replace the controller
E43	Blocking sensor error	Replace the controller

WARNING!

- ☆ If you do not understand these directions, or if you have any doubts about the safety of the installation, please call a qualified technician.
- ☆ Check carefully to make sure there are no missing or defective parts. Improper installation may cause damage or serious injury.
- ☆ Do not use this product for any purpose that is not explicitly specified in this manual and do not exceed weight capacity.
- ☆ We cannot be liable for damage or injury caused by improper mounting, incorrect assembly.

ELECTRICAL SAFETY INSTRUCTIONS

THIS PRODUCT IS POWERED BY ELECTRICITY. IN ORDER TO AVOID BURNS, FIRE AND ELECTRIC SHOCK, PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

- 1.DO NOT CLEAN PRODUCT WHILE POWER IS CONNECTED.
- 2.DO NOT DISASSEMBLE OR REPLACE COMPONENTS WHILE POWER IS CONNECTED.
- 3.NEVER OPERATE THE SYSTEM WITH A DAMAGED CORD OR PLUG. PLEASE CONTACT YOUR SELLER TO REPLACE DAMAGED PARTS.
- 4.NEVER OPERATE SYSTEM IN DAMP ENVIRONMENTS OR IF ANY ELECTRICAL COMPONENTS HAVE MADE CONTACT WITH LIQUIDS.
- 5.ALTERATIONS OF THE GIVEN POWER UNIT ARE NOT ALLOWED.
- 6.OUTDOOR USE IS PROHIBITED.

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- * Order History

5 Star Rating



We would like to extend our heartfelt thanks to
all of our customers for taking time to assemble
this product and giving us valuable feedbacks.

THANK
you
😊