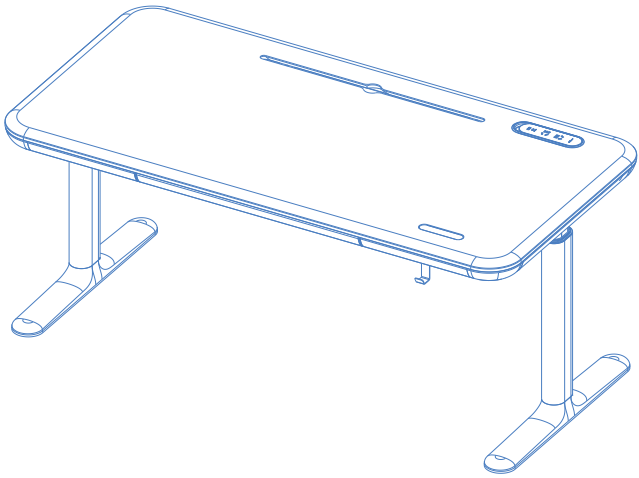
UniDesk Electric Height-Adjustable Desk

Installation and User Manual



Model: EXA

Two people are required for some installation steps

English

A0120260115

Foreword

First of all, thank you for purchasing our product! We are delighted to have gained your trust and have you buy this product from our company. We are committed to providing you with a high-value electric height-adjustable desk. We believe this electric height-adjustable desk will bring you a healthy and pleasant user experience.

Index

Warnings 02

Parts Diagram 03

Installation Steps 04-07

Hand Controller Operation Instructions 08-11

User Instructions 12

Warnings

1. Ensure there are no obstacles within the lifting stroke of the height-adjustable desk.
2. Ensure the desktop of the height-adjustable desk does not touch any walls.
3. Ensure the length of the power cord can adapt to the height changes of the height-adjustable desk.



Keep children away from the electric height-adjustable desk, the controller and the hand control panel.
Improper operation may cause bodily injury and electric shock hazard.



Prevent all electronic components from coming into contact with liquids.



Do not sit or stand on the desk frame.
English: Do not lean over or squat under the desk frame.



Do not place objects higher than 50 centimeters under the desk frame.



Do not open any components, including the table legs, the controller and the hand control panel.
English: Opening the components may lead to the risk of electric shock.



The designed duty cycle of this product is 10%. (Namely: work for 2 minutes and rest for 18 minutes)



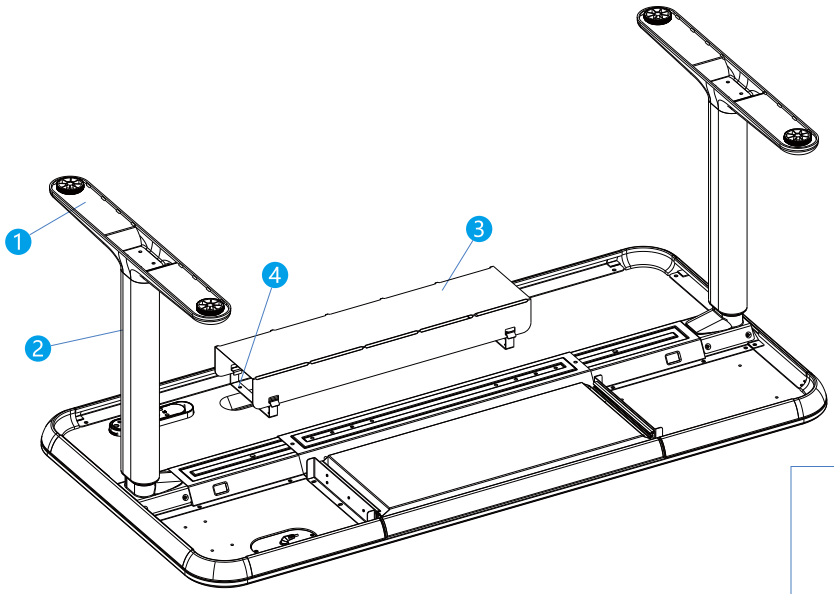
In case of power failure or unplugging the power cord, manual reset operation may be required. Please refer to the reset and abnormal protection operation in the hand controller operation instructions.

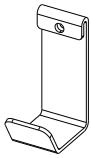
Usage and Liability

This height-adjustable desk of ours is designed to be lifted and lowered by an electric motor and should be used in a dry working area. The height of this desk is adjustable, so it can be set to most ergonomically applicable heights. The user shall bear the risks caused by any other uses. We shall not be liable for claims for product damage and liability arising from improper use or operation.

Important Reminder: This manual does not express any position or imply anything else. For this reason, our company reserves the right to revise the manual, and the content may be updated at any time without prior notice.

Parts Diagram



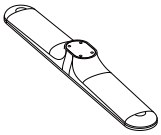


X1 Headphone hook



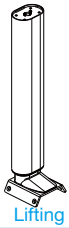
X1 Desktop

1



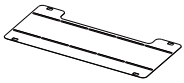
X2 Foot cup

2



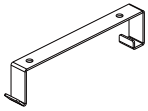
X2 Lifting column

3



X1 Wire duct

4



X2 Hook

Screw List

Parts	Quantity	Specification	Schematic Diagram
A	8	M6x12mm	
B	8	M6x45mm	
C	4	M6x10mm	
E	1	4mm	

Installation Tools

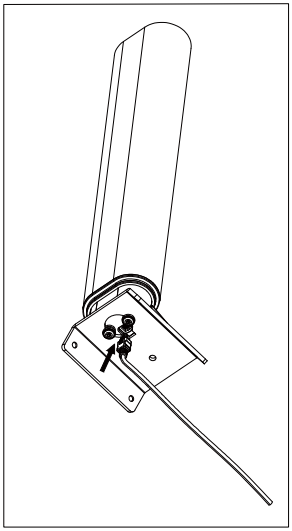
 Electric screwdriver or Phillips screwdriver	 Tape measure	**Using these tools will make your installation more convenient.**

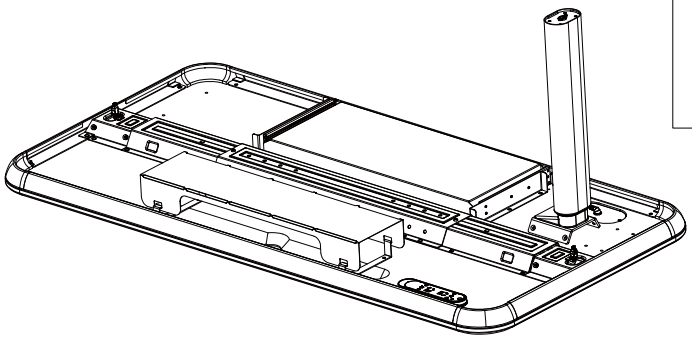
Installation Steps

Before installation, please check all parts and hardware screws to ensure you have received all parts as shown in the manual.

1

Connect the plug wire led out from the frame to the column.

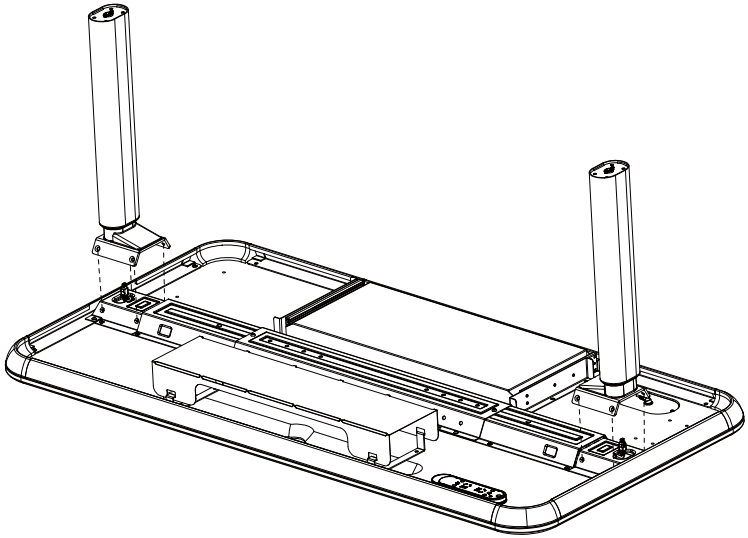




Installation Steps

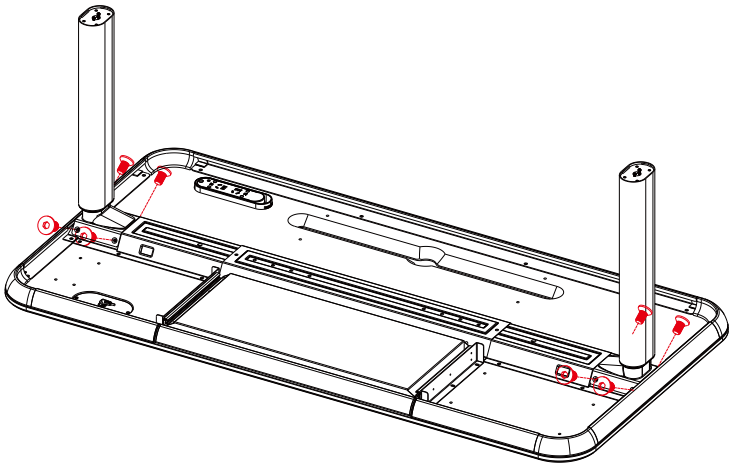
2

Put the column wiring into the frame, place the column on the frame and align it with the hole positions of the frame.



3

Fix the lifting column with 8 PCS of 4mm screws (D) and M6x12mm screws (A).



▪ Screws

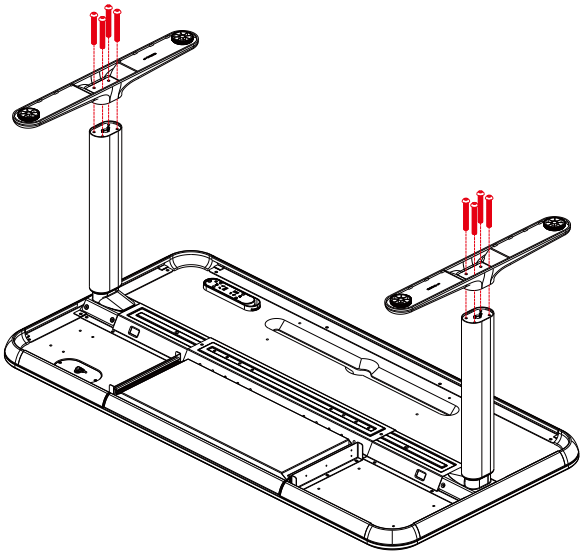
A M6x12mm 8PCS

D 4mm

Installation Steps

4

Assemble the foot cups with 8 PCS of M6x45mm screws (B) and 4mm screws (D).



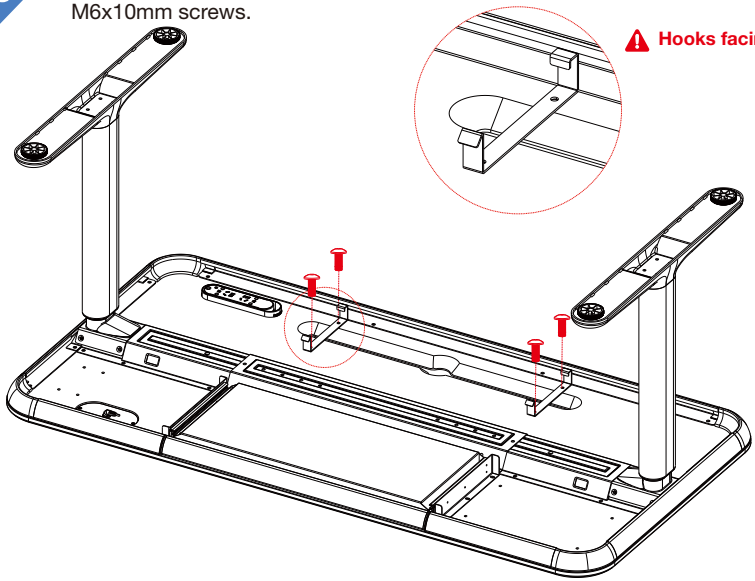
- Screws

B M6x45mm 8PCS

D 4mm

5

Assemble the wire duct with the hooks facing inward, using 4 PCS of 4mm screws (D) and M6x10mm screws.



- Screws

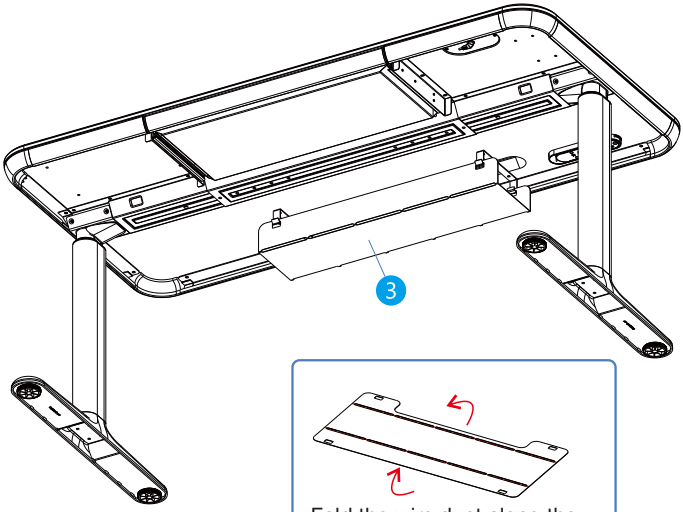
C M6x10mm 4PCS

D 4mm

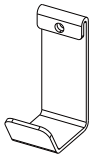
Installation Steps

6

Fold the wire duct along the slot and hang it on the edge of the desk.



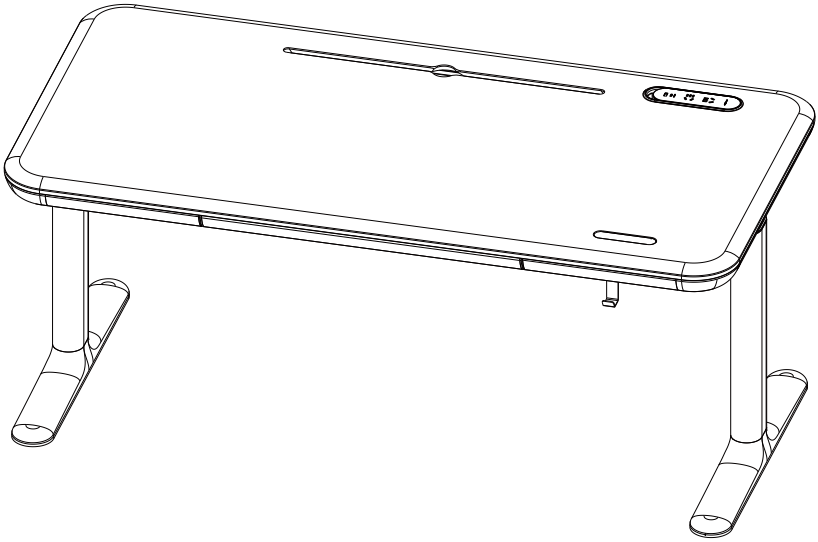
Fold the wire duct along the slot

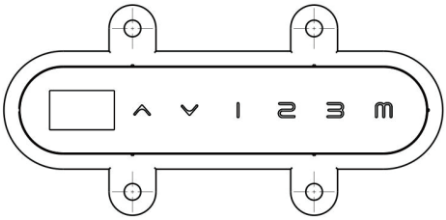


Hang it on the edge of the desk.

7

Installation completed.



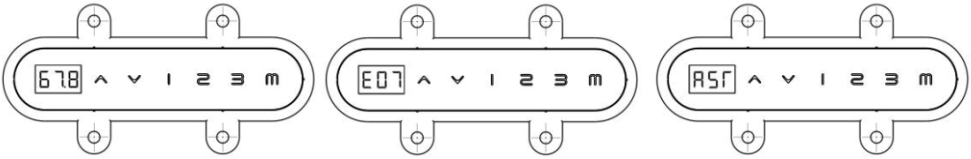


Hand Controller

System Function Description

1. Digital Display Function

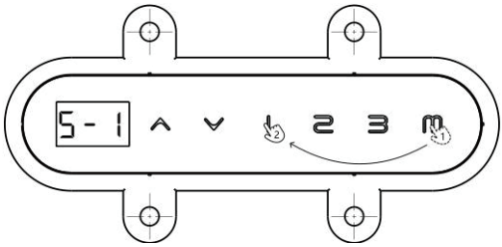
The hand controller can display the height, error report, reset and other information of the height-adjustable desk. For details of error reports, please refer to the controller manual.



2. Key Function (In height display state)

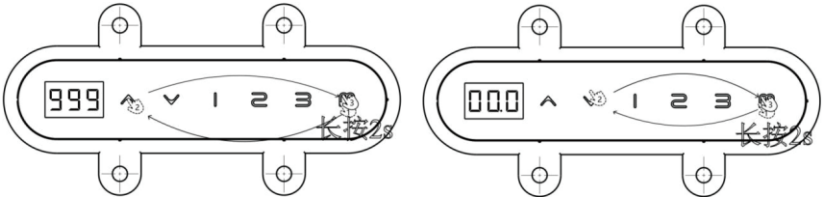
(1) Press the up or down key, the height-adjustable desk will rise or fall, and stop working when the key is released. Press the "1", "2" or "3" key, the height-adjustable desk will run to the specified memory position, and the operation mode is determined by the controller.

(2) Press the "M" key, the nixie tube displays "S-". At this time: ① Press "1", "2" or "3" to set the current position as the corresponding memory position, and the display shows "S-1", "S-2" or "S-3".

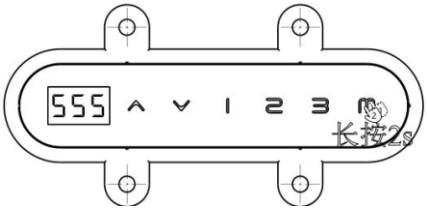


Hand Controller Operation Instructions

② Press the up or down key, the nixie tube flashes. Long press the "M" key for another 2 seconds. If the nixie tube displays "999", the upper limit is set successfully; if it displays "00.0", the lower limit is set successfully.

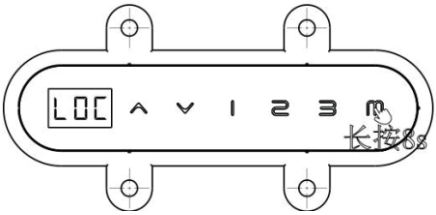


③ Long press the "M" key for another 2 seconds, the nixie tube of the hand controller displays "555", and all limits are cancelled.



Lock and Unlock:

① Lock method: Long press the M key of the hand controller for 5 seconds, the nixie tube display changes from "S-" to digital display. Continue to hold the M key for 3 seconds to lock the hand controller keys, and the nixie tube displays LOC. At this time, pressing the hand controller keys has no effect.



② Unlock method: In the locked state with "LOC" displayed, long press the M key for 8 seconds, the nixie tube displays the current height, and the key functions are restored.

Note: The lock function is controlled by the controller.

3. Reset Function

Abnormal reset: In an abnormal state, long press the down key for 5s to enter the reset state, and the screen displays "RST". Release the key and then long press the down key again until the screen displays the height, and the reset operation is completed.

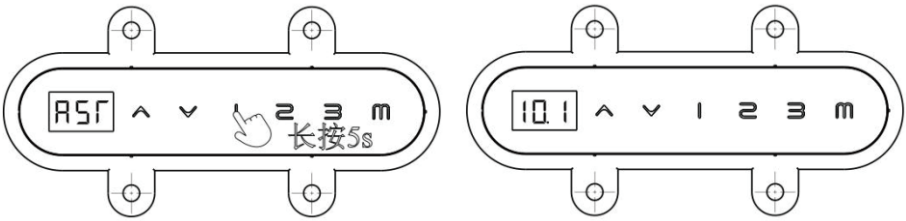
Active reset (Bottom): After running to the lowest point and releasing the key, long press the down key for 5s to enter the reset state, and the screen displays "RESET". Release the key and long press the down key until the screen displays the height, and the reset operation is completed.

Active reset (Top): After running to the highest point and releasing the key, long press the up key for 5s to enter the reset state, and the screen displays "RESET". Release the key and long press the down key until the screen displays the height, and the reset operation is completed. Note: Top reset or bottom reset is determined by the controller parameters.

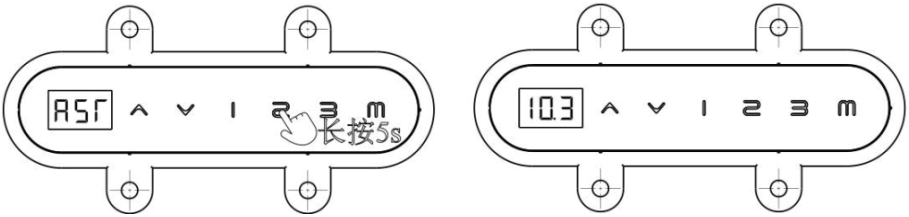
4. Reset Setting Function

If the controller is in the reset state and displays "RST", the operation mode of the controller memory position, height display unit, obstacle detection retraction sensitivity and minimum height value can be modified.

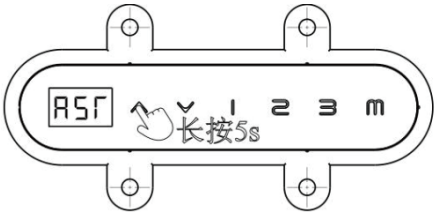
(1) Memory position operation mode switching: In the state where the nixie tube displays "RST", long press the "1" key for 5 seconds to switch the memory point-to-point and memory continuous operation functions. The nixie tube displays "10.1", the memory position operation mode is continuous after reset; it displays "10.2", the memory position operation mode is point-to-point after reset.

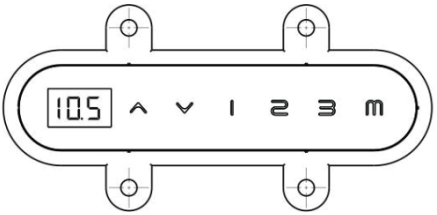


(2) Height display unit switching: In the state where the nixie tube displays "RST", long press the "2" key for 5 seconds to switch the height display unit of the height-adjustable desk. When the nixie tube displays "10.3", the height value is displayed in centimeters after reset; when it displays "10.4", the height value is displayed in inches after reset.

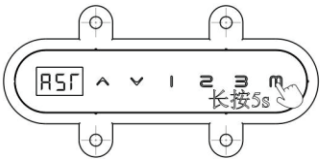


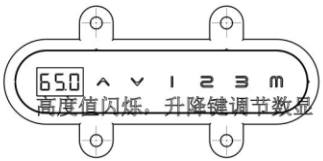
(3) Obstacle detection retraction sensitivity modification function: In the state where the nixie tube displays "RST", long press the up key for 5 seconds to change the obstacle detection retraction sensitivity. The nixie tube switches to display "10.5" for selecting the 1st gear of sensitivity, "10.6" for the 2nd gear, and "10.7" for the 3rd gear. The sensitivity from high to low is in the order: 1st gear > 2nd gear > 3rd gear.

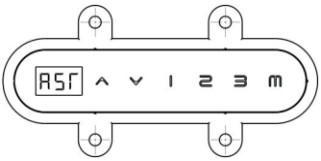




(4) Nixie tube minimum height value modification function: In the state where the nixie tube displays "RST", long press the M key of the hand controller for 5 seconds, the nixie tube flashes to display the minimum height value after reset. At this time, press the up or down key to adjust the height display value. After 5 seconds of no operation, the nixie tube displays "RST", which indicates that the modification is successful.







5. 10s Screen Off Function

If the low power consumption function of the controller is enabled, the screen will turn off after 10s of no operation. When the key is pressed for the first time after low power consumption, the nixie tube and backlight turn on; when pressed for the second time, the actual action is generated.

User Instructions

1. Cleaning and Maintenance Instructions

(1) For daily maintenance, wipe off the dust on the surface with a clean soft cloth. Do not wipe the surface with a wet cloth or hard objects. Do not let the surface come into contact with acidic, alkaline chemical substances, etc.

(2) For the painted part of the metal table legs, clean only with a towel dipped in water and wrung out, and avoid contact with corrosive liquids such as acid and alkali.

(3) If there is a slight scratch, rub it repeatedly and gently with a soft cloth to smooth the scratch.

(4) When using tape to fix the packaging, avoid pasting it directly on the outer surface of metal table legs to prevent the paint film from falling off.

(5) Avoid staining the desktop with ballpoint pens, printing ink, etc. If there is any stain on the desktop, wipe it clean with a warm wet towel (no dripping), and finally care for it with a protectant.

(6) Avoid long-term exposure of the desktop to sunlight, placing it in high-temperature conditions or dry environments to prevent local discoloration or fading.

For Wooden Top Height-Adjustable Desk

(1) During the use of the wooden top height-adjustable desk, pay attention to water proofing, moisture proofing and oil proofing.

(2) For daily cleaning of the wooden top height-adjustable desk, gently brush off the surface dust with a feather duster.

(3) When cleaning, must follow the wood grain direction and try not to wipe back and forth.

For Leather Top Height-Adjustable Desk

(1) During the use of the leather top height-adjustable desk, pay attention to water proofing, moisture proofing, oil proofing and powder proofing.

(2) Do not squeeze hard or place heavy objects on the leather top during the use of the leather top height-adjustable desk. If there are indentations on the leather top, cover it with a warm thin towel and wait for the leather to rebound, or blow it with a hair dryer on hot air until the leather rebounds. Do not blow for too long or at too high a temperature, and the air outlet should not be too close to the leather top. It is recommended to lay a desk mat on the leather top to protect it before normal use.

(3) When using a hot water cup at ordinary times, place a coaster on the desktop to prevent cup marks caused by overheating of the leather top.

(4) For daily cleaning of the leather top height-adjustable desk, gently brush off the surface dust with a feather duster.

2. Additional Warnings

(1) Please place it on a flat ground when in use.

(2) When moving the product, never push it on a rough hard ground; lift the table legs and desktop together to move.

(3) Do not let children use the height-adjustable desk alone.

(4) Do not sit on the desktop, which may easily cause product damage and danger.

(5) Do not stand on the desktop or use it as a ladder, which may easily cause falls and injuries. (6) Do not scratch the table surface with sharp and hooked objects, and keep away from open fire.

(7) Place the product away from heat sources such as coal fires and radiators to prevent discoloration and aging of the decorative materials due to overheating of the furniture.

(8) Use the product in a dry and ventilated place. If water is accidentally spilled on the desktop, wipe it with a dry cloth immediately to prevent it from seeping into the board and causing swelling or mildew.