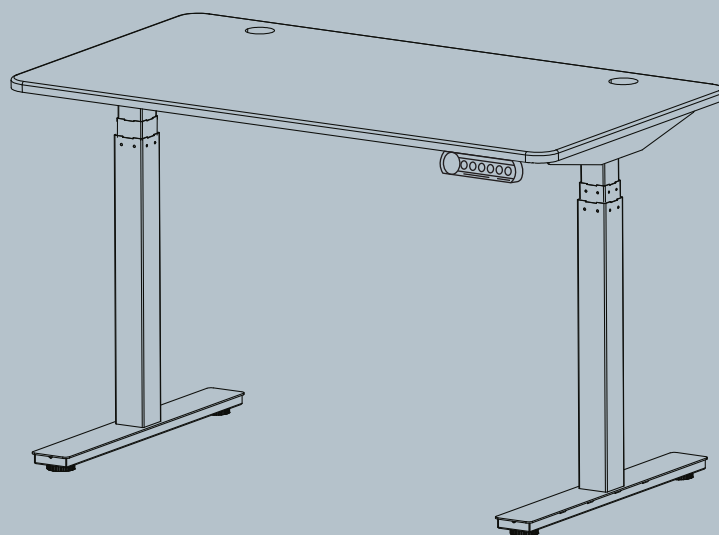


Autonomous



SmartDesk - Anti-collision Edition

ASSEMBLY INSTRUCTIONS

Content

1. Caution.....	1
2. BOM Information and Tools.....	2
3. Assembling instruction.....	3
4. Operating manual for control unit.....	5
5. Code meaning.....	9
6. Trouble shooting.....	9
7. Technical data.....	9

Caution



Keep children and pets away from the electric high-adjustable desk during the operation. Unplug the power cord during a thunderstorm or if you do not intend to use the desk for long time.



Make sure desktop not touching the wall.



Ensure no obstacles in the desk's path, and no any object above 20" under the desk.



Working environment temperature 0-40°C, keep products away from corrosive gas, liquid and dusty objects.



It is strictly forbidden to disassemble the products privately to avoid that the failure of the products or the damage to the human body caused by electronic products, etc.



Although the product with anti-collision function, in order to avoid any pinching, please ensures that hands or other parts of your body are in a safe position during the operation. Anti-collision is not enabled during all resets.



Please read following instruction carefully before use the high-adjustable desk. The company does not bear any warranty or liability for damage and human injury caused by any abnormal operation.



It is necessary to reset manually after initial installation or power off.

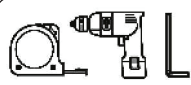
BOM

5 min

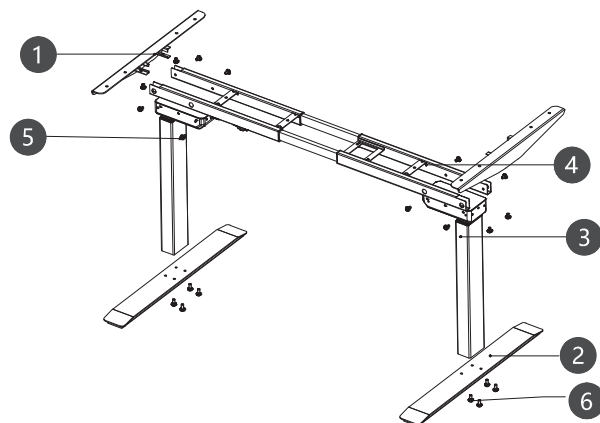
Assembling time



Two people



Tools



7



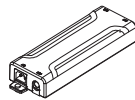
8



9



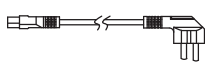
10



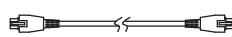
11



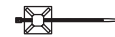
12



13



14



NO	Part name	Qty(PCS)
1	Side Bracket	2
2	Foot	2
3	Column	2
4	Frame	1
5	M6*10 Screw	12
6	M6*16 Screw	8
7	Guide Sleeve	1

NO	Part name	Qty(PCS)
8	ST4.8*16 Tapping Screw	17
9	ST3.5*16 Tapping Screw	2
10	Control Box	1
11	Handset	1
12	Power Cord	1
13	Extension Cable	1
14	Cable Clip	6

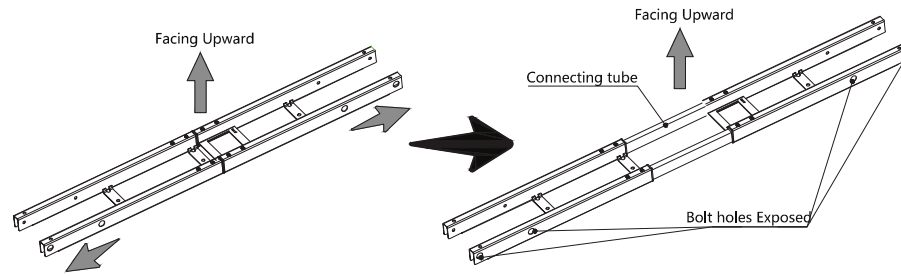
Installation Instruction

STEP 1

- Set Frame Flat, Pull out Inner tube until bolt is exposed from frame hole.

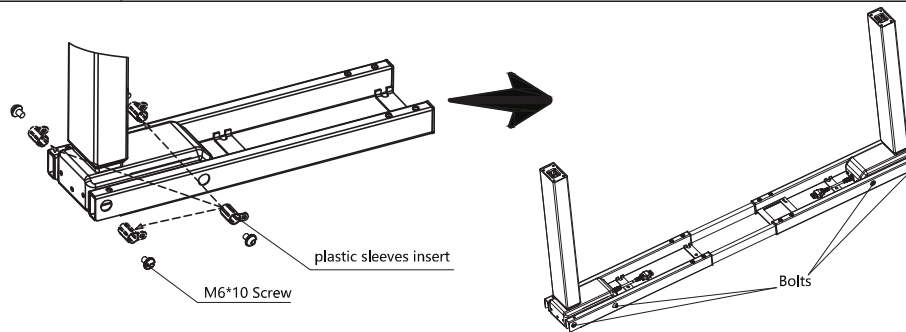


This step has been pre-installed before shipment, please check whether there is a lack of spare parts, and adjust the frame expansion tube to the appropriate length.



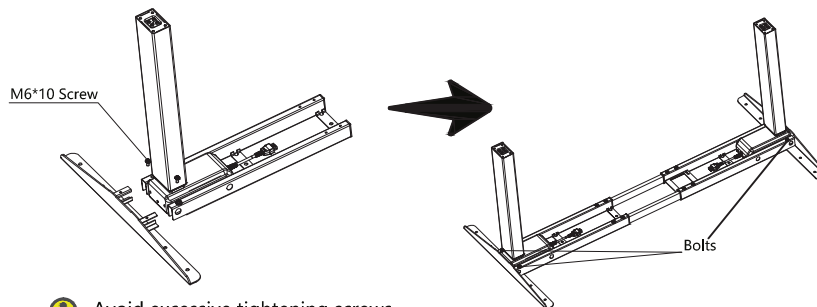
STEP 2

- Insert the columns into frame respectively, line up the holes on the frame and column.
- Take off plastic sleeves after installing one bolt at a time.



STEP 3

- Insert the side brackets into the frame of the tube respectively.
- Fasten the bolts.

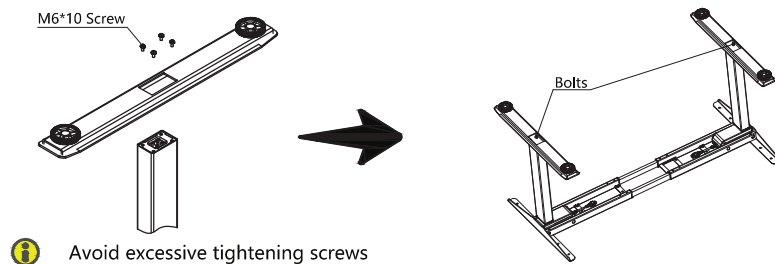


Avoid excessive tightening screws

Installation Instruction

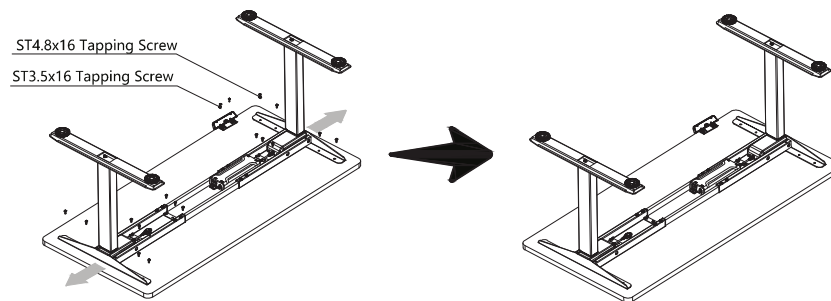
STEP 4

- Line up the screw holes on the feet and columns.
- Fasten the screws.



STEP 5

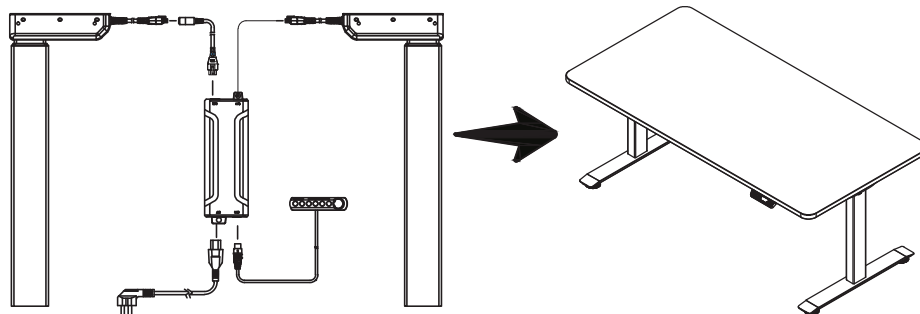
- Check both side of desktop before placing the base on the bottom side of the desktop. Adjust the suitable width. It is suggested that the two sides of the frame side brackets are 2 inch from the edge of the desktop and fasten screws.
- As shown in below, connect related parts, including control box, extension cable and power cord.



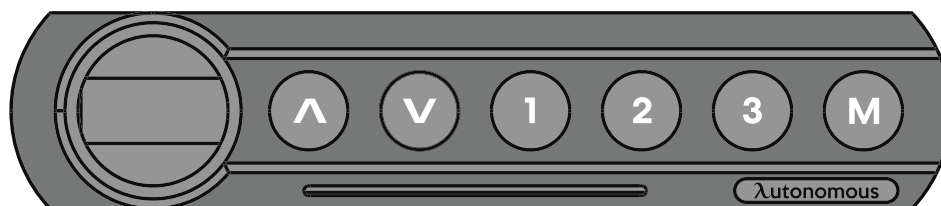
▲ The frame width is adjustable: 44 inch~70 inch, which is suitable for different desktop.

STEP 6

- Install the handset on suitable position of desktop edge to avoid interference with humans or chairs.
- Tidy up all the power cables, and fasten with cable clip.



Operating manual for control unit

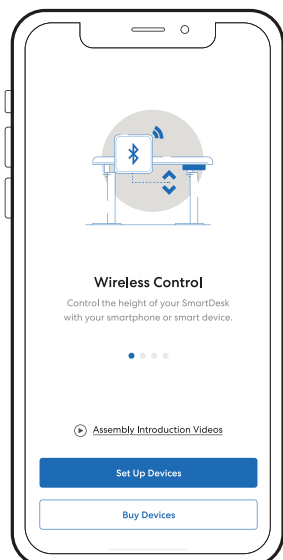


Adding A New Device

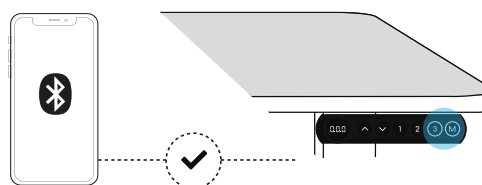
- 1 Download the **Autonomous app** from Apple Store or Google Play.



- 2 After downloading, follow detailed instructions in the app to activate the Bluetooth connection between the app and SmartDesk.



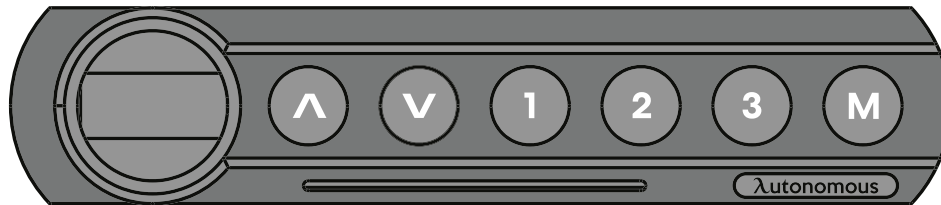
- 3 Turn on bluetooth on your smart phone or smart device. Press and hold **3 + M** on your SmartDesk's keypad until the digital display shows 3 digits.



- 4 After successfully connecting the Bluetooth, input the Wi-Fi name, and password. Now the Autonomous app is well connected to the SmartDesk.






Operating manual for control unit



Manual Reset



Note: It is necessary to be reset manually or unplug after the initial installation. The procedure as following:

- 1   Keep pressing down key till the desktop till display shows "E-1" and " rES" alternately and release the key.
- 2  Keep pressing down key, the desktop will move slowly down and return back till the display shows "60"

Release the key. The electric height-adjustable desk can be used normally




Note: The anti-Collision function is not enabled during all resets. Please note that there is a potential risk of pinching in this case, and be sure no obstacles in the desk's path.

Up and Down


- 1  Keep pressing up key till the required height is reached
- 2  Keep pressing down key till the required height is reached.

Saving position

By saving the memory position, the desktop can be easily reached the defined height











- 1   Adjust the desktop to the height you want to save
- 2  Press "M" key , the display will show "S --"

Operating manual for control unit





- 3  Press "1" and memory is set.
- 4 The first memory position is set successfully. Similar progress for "2" and "3" memory positions.

Modified High and Low positions



By this function would be used to limit the movement area of desktop, when the drawer is underneath or any shelf above the desktop. Once it is set, the new High or Low limitation position will be stored.

- 1  Keep pressing the key "M" for 3 seconds till the display shows "S--" to enter setup menu.
- 2   Press up key till the display flash as "HLP"
- 3   Press "1", the display show alternately as "H-P" and current height.
- 4   Keep pressing up or down key till the required upper limit position is reached.
- 5  Press "M", the desktop height will be showed and the shelf stop position has been set.
- 6   Press "2", the display will show alternately "L-P" and current height, keep pressing down key till the lower limit position is reached, press "M", the drawer stop position has been set.

Changing the displayed desktop height unit (cm /inch)






- 1  Keep pressing key "M" till the display show "S--" to enter the setup menu.
- 2   Press up key, the display will show "Unt".
Press key "1" , and the display shows alternately as "Unt" and desktop height,
- 3  the unit is "cm"

Operating manual for control unit

- 4  Press key "M" to save the unit as "cm".
- 5  Press key "2", the display shows alternately as "Unt" and the desktop height by inch, press key "M" to save the unit as inch.


Changing the desktop height displayed

The function enables you to change the height shows on the display based on the actual measurement.

- 1  Keep pressing "M" till the display shows "Ur" and "oFF" alternately.
- 2  Press up key till the display shows "End" and original height.
- 3   Changing the height by press "1" to adjust the 10-digit numbers and "2" to adjust 10-digit numbers. And "3" to adjust 1- digit numbers (please note that the unit is cm during this procedure)
- 4  Press "M", the height has been changed to defined digit

Anti-Collision function

Note: Before use the electronic height-adjustable desk, please make sure removing obstacles in advance and human body is in the safe position.

- 1  Once the desktop encounters any obstacle in its path, the screen displays "E-2"
- 2 The desktop will move a defined distance in opposite direction, and it would be used normally after removing the obstacle

Operating manual for control unit

Plug detection

The function can detect whether the motors are connected normally.

- 1 **E-3** **rES** Once the display shows "E-3" and " rES", it reminds you check whether any motors connected with control unit. Please disconnect the main cable, wait at least 5 seconds
- 2 Connect all the plugs
- 3 **rES** Follow manual reset procedure.

Reset control unit to factory setting

With this function, you can make the control unit to factory setting.

- 1 **M** Keep pressing "M" till the display shows "FAC"
- 2 Press " M", and the control unit to factory setting (including memory position, drawer-and shelf-stop position, etc)

Code meaning

Code	Information	Operating
E-1/rES	Manual resetting	Refer to the progress of manual reset
ovr	Overloading	Remove the load on desktop till it less than 800N (175 LBS) for further operation
E-2	Anti-Collision function	It can be used normally after removing the obstacle
dut	Operated continuously without suitable rest	Make the desk rest around And reach for Continue operation

Trouble shooting

Code	Operating
E-4	Stop the operation and reset, refer to Manual reset
E-3	Check the cables and ensure they are well connected, and the height-adjustable desk can be used normally after manual reset

Technical Data

Item	Data
Input voltage	100~240VAC 50/60HZ 4.7A
output voltage	216VA 24VDC
Max loading	1000N
Height range(without desktop)	22.9" ~ 48.3"/22.5" ~ 47.9"
Duty cycle	2 min on/ 18 min off

Autonomous

smart office

**21800 OPPORTUNITY WAY
RIVERSIDE, CA 92508**

www.autonomous.ai
human@autonomous.ai