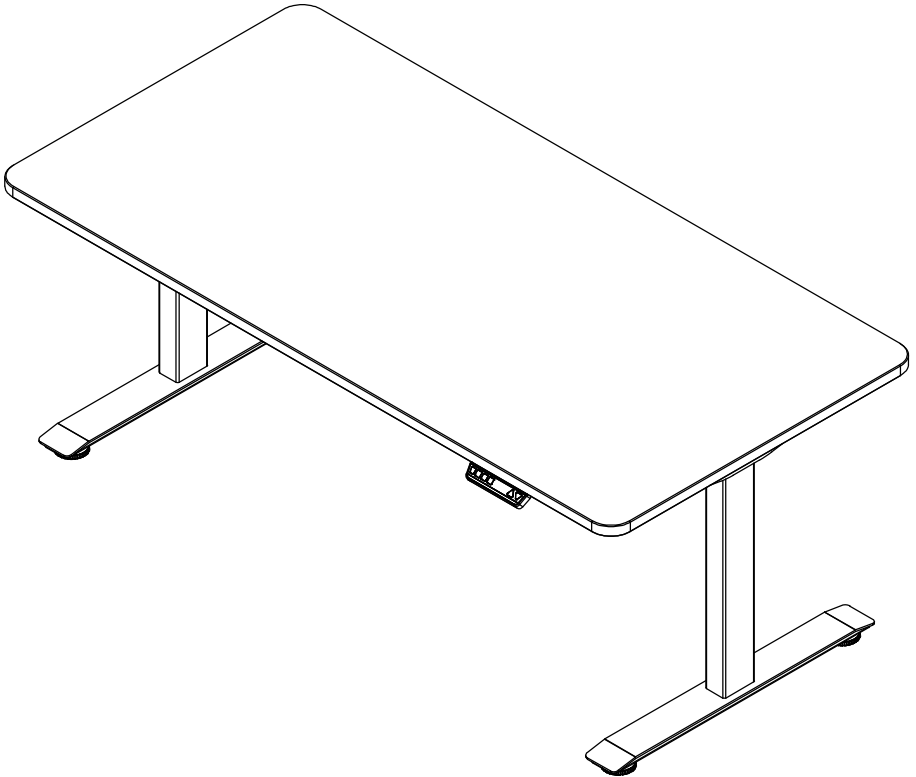


*Frommann*

**Superior Quality  
Originated from Germany**



# **Operation Manual for Height-Adjustable Desk**

Code	Information	Operating
E-1/RES	Manual resetting	Manual reset
ovr	Over Load	Remove the load on the desktop
E-3	lug Detection	1.Check the connection of all the cables, 2.Manual resetav
E-4	There is a height difference (over 1 inch) between two legs.	Manual reset
dut	Operated continuously without suitable rest	Make the desk rest around 15 minutes for further operation



Restart: If you want to restart the desk, please cut off the power supply at least 30 seconds.

Function	STEP1: Keep pressing	Shows	STEP 2: Keep pressing	Shows	STEP 3: Keep pressing	Shows	STEP 4: Keep pressing	Shows
Reset to factory setting	M	FAC	M	60	OK			
Manual Reset	down key	E-1/eS ALTERNATELY	Keep pressing		OK			
Saving position	M	S--	1		S-1	M	OK	
			2	S-2				
			3	S-3				
Amend the desktop height displayed	M	Ur/OFF alternately	up key	End	1(10-digit numbers) 2(single digit numbers) * cm during this procedure		M	OK
Change unit (cm/inch)	M	S--	up key	Unt	1	Unt(unit by cm)	M	OK
					2	Unt(unit by inch)	M	
Container and self-stop positions	M	S--	up key	HLP	1	H-P	adjust to upper limit position	M
					2	H-P	adjust to lower limit position	M
					OK			

# 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 touch 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 height-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 be reset manually after initial installation or power off.

How to contact with us ?

Email: [info@smartfromann.com](mailto:info@smartfromann.com)

You can check the FAQ from this YouTube video:  
[www.smartfromann.com](http://www.smartfromann.com)

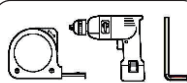


**5** min

Assembling time

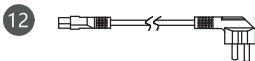
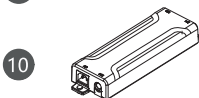
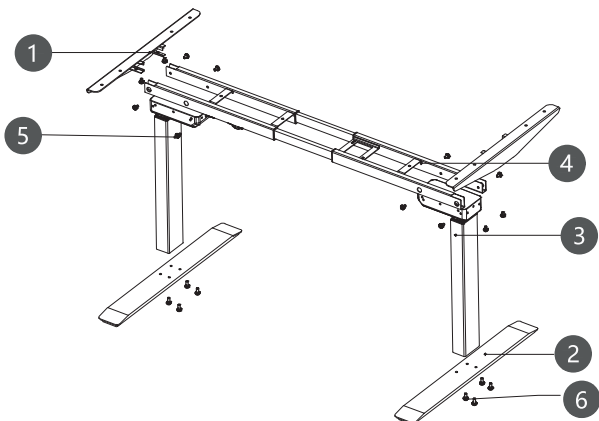


Two people



Tools

Better not use part 7-guide sleeves,without this part will not affect normal use.



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	8

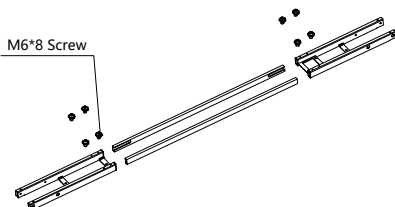
NO	Part name	Qty(PCS)
8	ST4.8*16 Tapping Screw	11
9	ST3.5*16 Tapping Screw	2
10	Control Box	1
11	Handset	1
12	Power Cord	1
13	Extension Cable	1
14	Cable Clip	6

# Installation Instruction

## STEP 1

- Set frame 1 and frame 2 flat.
- Insert frame 1 into frame 2 respectively.

M6\*8 Screw



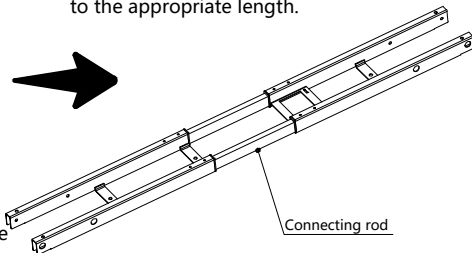
This step has been pre-installed before shipment, please check whether there is a lack of spare parts, and adjust the frame extension tube to the appropriate length.



Avoid excessive tightening screws



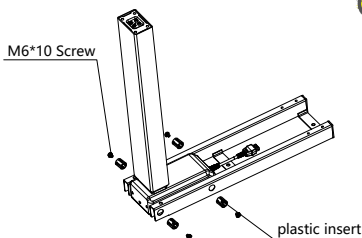
pay attention to the direction of pipe orifice sleeve and connection tube notch.



## STEP 2

- Insert the columns into frame 1 and frame 2 respectively, line up the holes on the frame and column.
- Pre-tighten the screws.

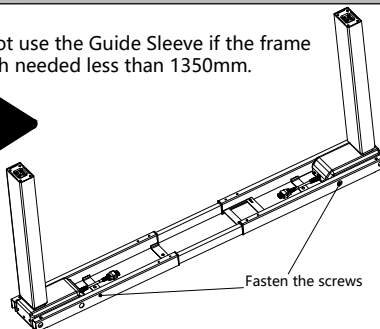
M6\*10 Screw



Do not use the Guide Sleeve if the frame length needed less than 1350mm.



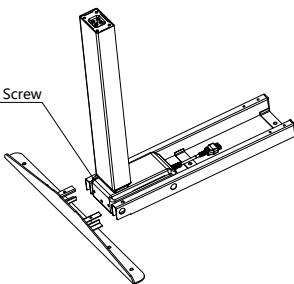
Avoid excessive tightening screws



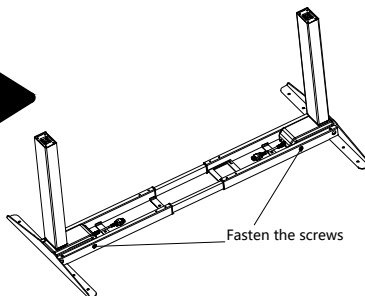
## STEP 3

- Insert the side brackets into frame 1 and frame 2 respectively.
- Fasten the screws.

M6\*10 Screw



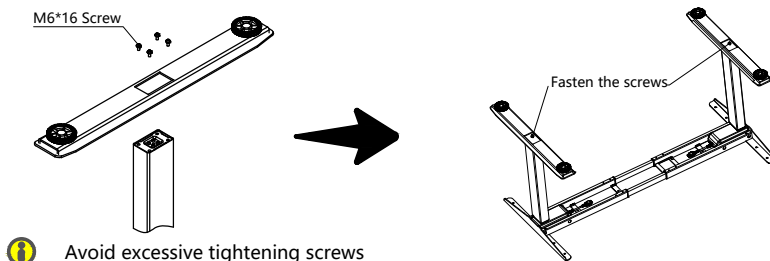
Avoid excessive tightening screws



# Installation Instruction

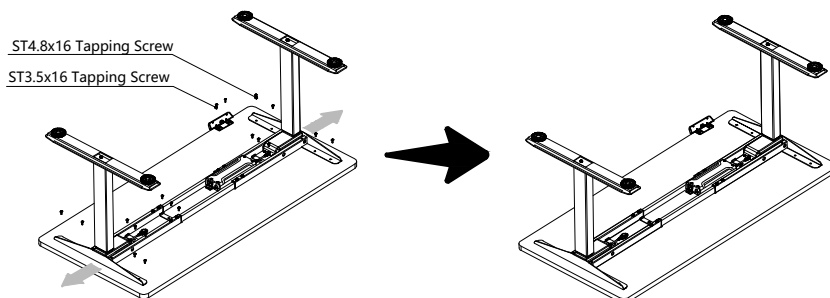
## STEP 4

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



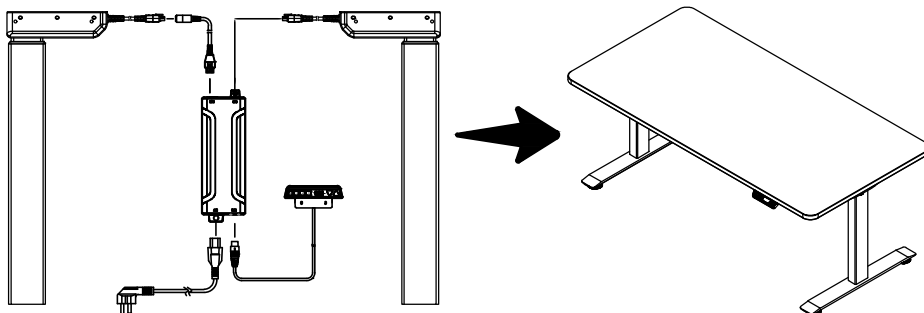
## STEP 5

- 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.



## 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.







# Instruction





## • Manual Reset

 It is necessary to be reset manually after the initial installation and power off.


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(23.6)”. Display “70(27.6)”for 1-stage column system.
3. • Release the key , the 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.  • Keeping pressing down key till the required height is reached.


## • Saving position

 Press and hold the memory key until the columns have reached the desired memory position.


1.   • Adjust the desktop to the height you want to save.
2.  • Press “M” key , till the display will show “S --”
3.  • Press “1” , and the display will show alternately as “S-1” and the desktop height.
4.  • Press “M” key, the first memory position is set successfully .Similar progress for 2 and 3 memory positions.











## • Anti-Collision function

 Before use, please make sure removing obstacle 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”.  
• The desktop will move a defined distance in opposite direction, and it would be used normally after removing the obstacle.







## • Container and self-stop positions

 Do not enable this function only when you are really need in some situation.









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 container stop position has been set.


 Note: By this function would be used to limit the movement area of desktop, when the container is underneath or any shelf above the desktop. Once it is set, the new upper or lower limitation position will be stored.

## • Change the displayed 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”.
3.  • Press “1” , and the display will show alternately as “Unt” and the desktop height unit by “cm”.
4.  • Press “M” key to save the unit as cm.
5.  • Press “2”, and the display will show alternately as “Unt” and the desktop height unit by “inch”,press key “M” to save the unit as inch.

## • Amend the desktop height displayed

1.   • Keep pressing down key till the desktop till display shows “E-1” and “rES” alternately and release the key.
2.  • Keep pressing key “M” till the display show “Ur” and “OFF” alternately.
3.   • Keep “Up” or “Dn” several times, till the display show “End” and height.(In this case, the unit is mm or inch when this system’s metric or imperial)
4.    • Press “1”, “2” and “3” respectively, and to adjust the first number, the second number and the third number. If you click one, the number will increase by 1, till you get to the value you want.

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



5. **M** • Press "M" the height has been changed to defined digit.

## • Plug detection

**i** The function can detect whether the motors are collected normally.

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

## • Reset to factory setting

**i** 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, container-and shelf-stop position, etc).

# Code meaning and Trouble shooting

## 【Code meaning】

Code	Information	Operating
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 15minutes for further operation

## 【Trouble shooting】

Code	Operating
E-4 / The height between two legs exceed 1 inch	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

## 【Technical Data】

Item	Data
Input voltage	100~240VAC
output voltage	24VDC
Max loading	1000N
Height range (without desktop)	27.6" ~ 47.3"/ 23.7" ~ 49.3"
Duty cycle	2 min on/ 18 min off