

## Operation Manual for Height-Adjustable Desk

**DO NOT RETURN !!!**

We have 1 year warranty: Within 1 year of receiving the package, the product has functional damage, please contact our service team with Order-ID. And if that is possible, pictures or detail of issue will be helpful for a fast way solution.

## **How to contact with us**

Email: [service@topskyfurniture.com](mailto:service@topskyfurniture.com)

Customer Service Phone: +1 725-333-1988

<http://www.topskyfurniture.com>

\*About how to use, you can see YouTube video ( TOPSKY Electric Adjustable Desk DF02.01 Major functions )

<https://youtu.be/neO0EO-4iFo>

You can also scan the QR code to check it:



# Caution



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



Make sure desktop not touching the wall.



Ensure no obstacles in the desk's path and no object above and 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.

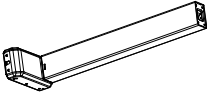


Please read the following instructions carefully before start using the high-adjustable desk. The company does not bear any warranty or liability for damage and human injury caused by any abnormal operation.

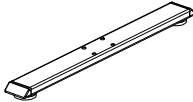


It is necessary to reset manually after the initial installation or power off.

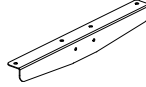
# Parts List



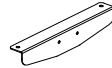
A - Column x 3



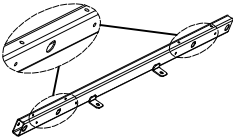
B - Foot x 3



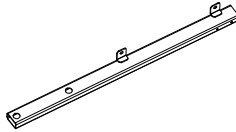
C - Long Side Bracket x 2



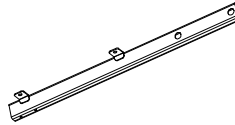
D - Short Side Bracket



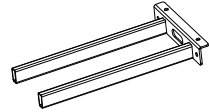
E - Girder E x 2



F - Girder F



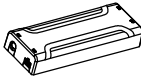
G - Girder G



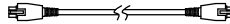
H - Short Girder



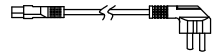
I - Hand Controls



J - Control Box



K - Extension Cable x 2



L - Power Cord



M - M6x30 Screw x 12



N - M6x10 Screw x 26



O - ST4.8x16 screw x18

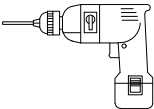


P - ST3.5x16 screw x 4

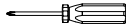


Q - M5 Allen Key

## Tools Needed (Not Included)



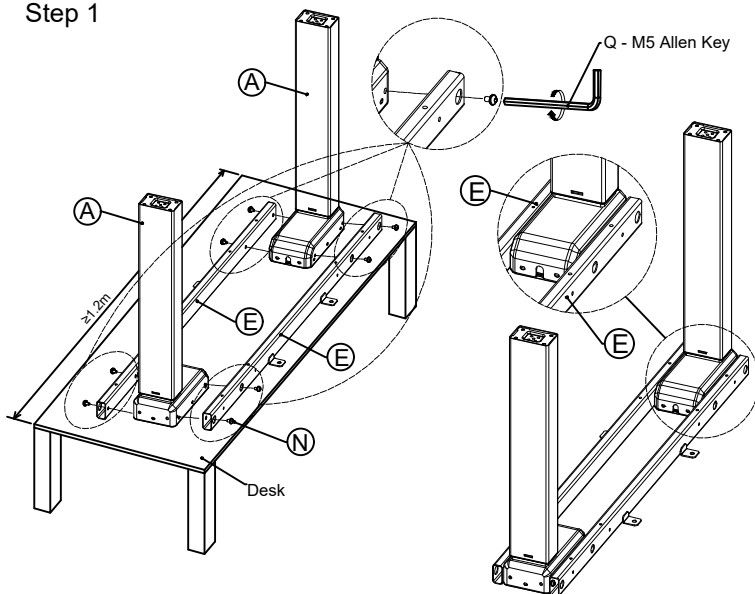
Electric Drill



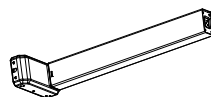
Phillips Screwdriver

# Assembly

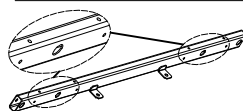
## Step 1



## Checklist



A - Column x 2

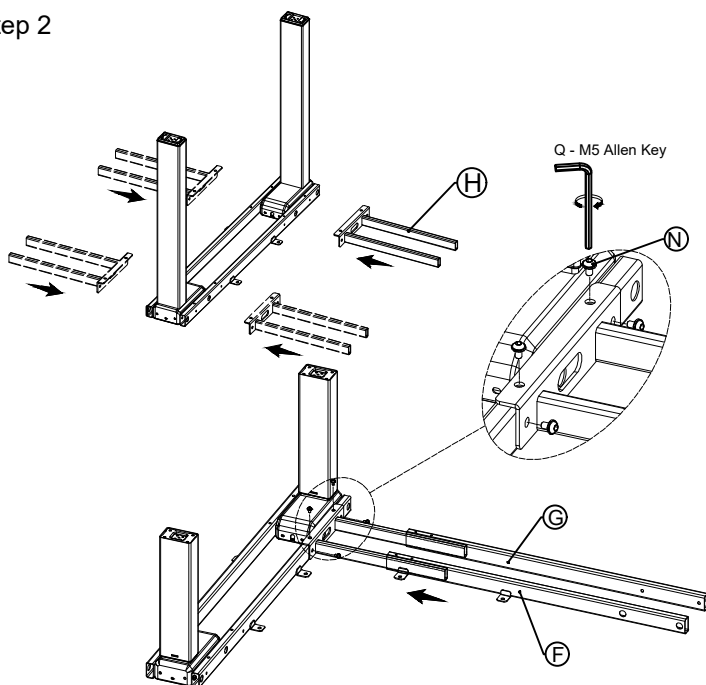


E - Girder E x 2

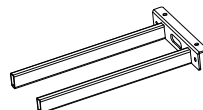


N - M6x10 Screw x 8

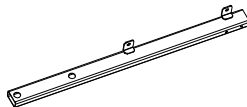
## Step 2



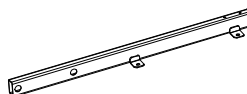
## Checklist



H - Short Girder



F - Girder F



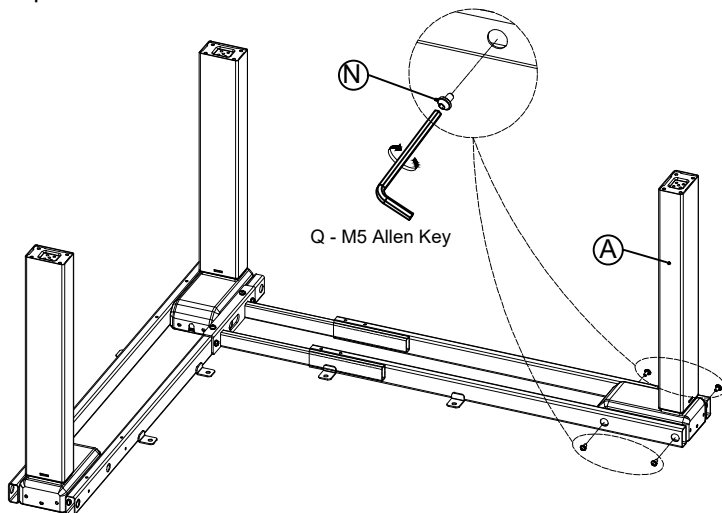
G - Girder G



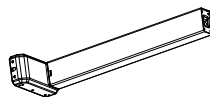
N - M6x10 Screw x 4

# Assembly

## Step 3



### Checklist

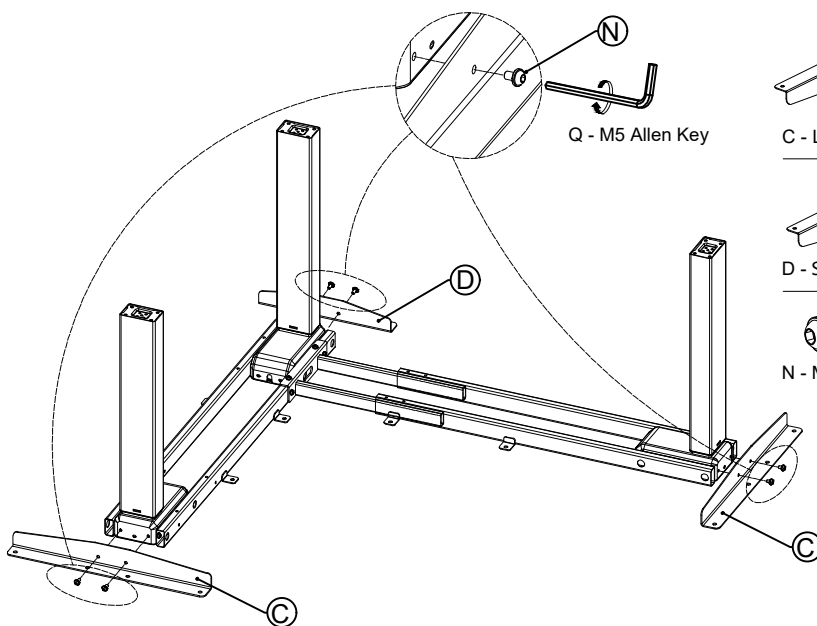


A - Column

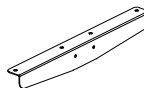


N - M6x10 Screw x 4

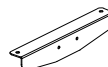
## Step 4



### Checklist



C - Long Side Bracket x 2



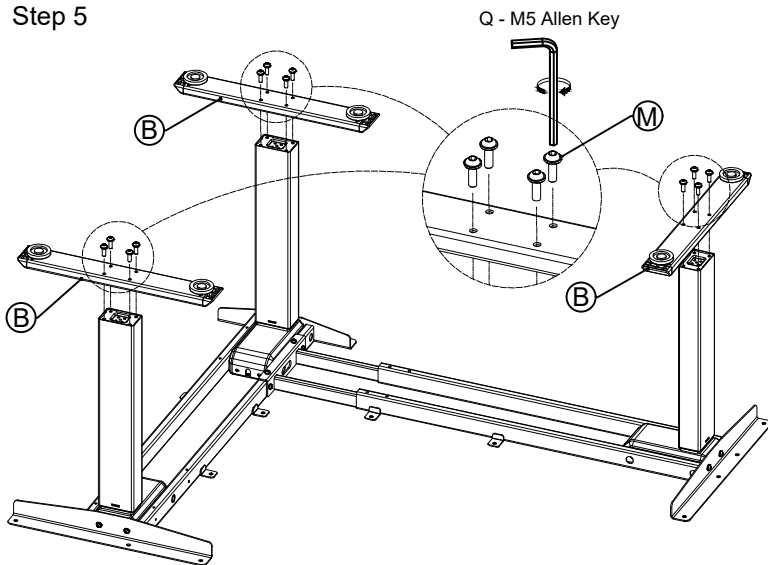
D - Short Side Bracket



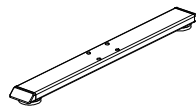
N - M6x10 Screw x 6

# Assembly

## Step 5



### Checklist

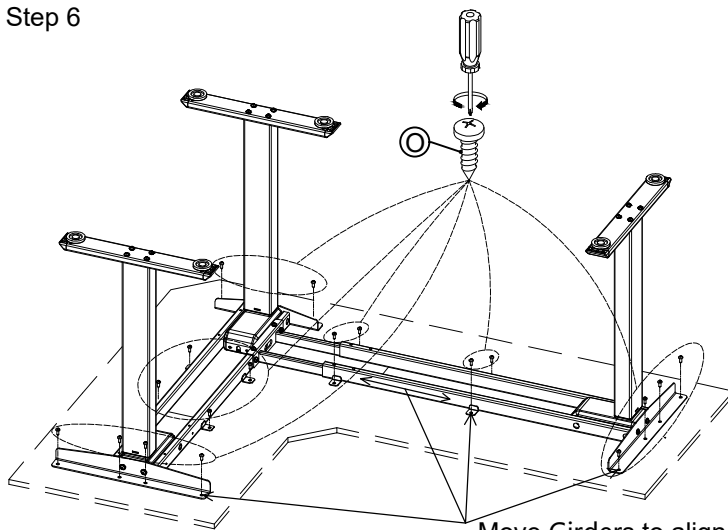


B - Foot x 3



M - M6x30 Screw x 12

## Step 6



### Checklist



O - ST4.8x16 screw x 18

Move Girders to align the holes

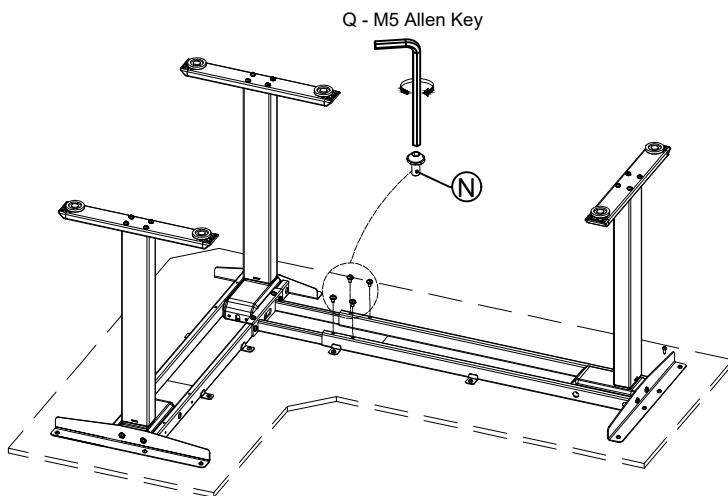


Avoid excessive tightening screws

# Assembly

## Step 7

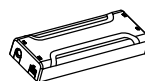
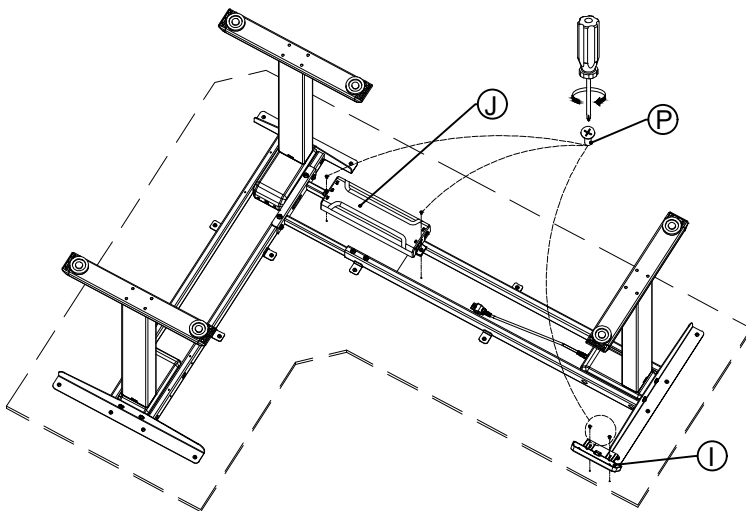
### Checklist



N- M6x10 Screw x 4

## Step 8

### Checklist



J - Control Box



I - Hand Controls



P- ST3.5x16 screw x4



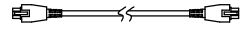
Avoid excessive tightening screws



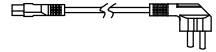
# Assembly

## Step 9 Cable Connection

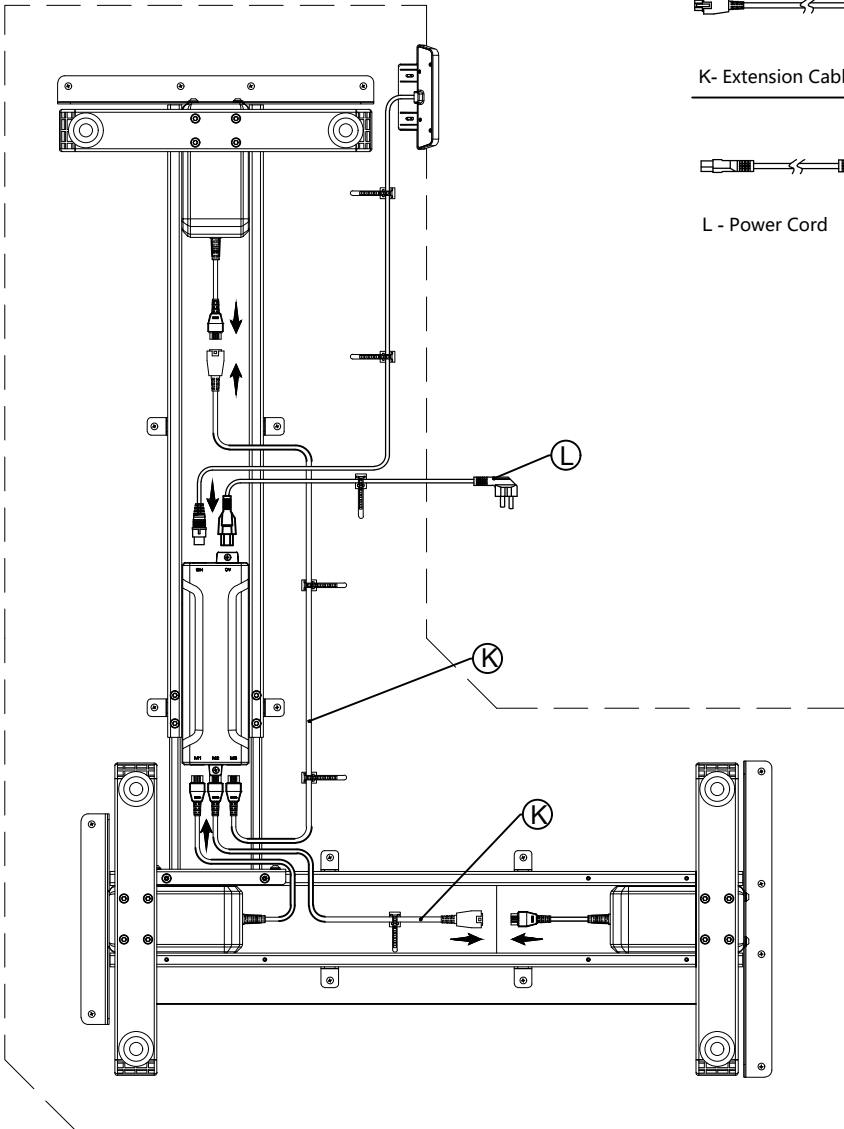
### Checklist



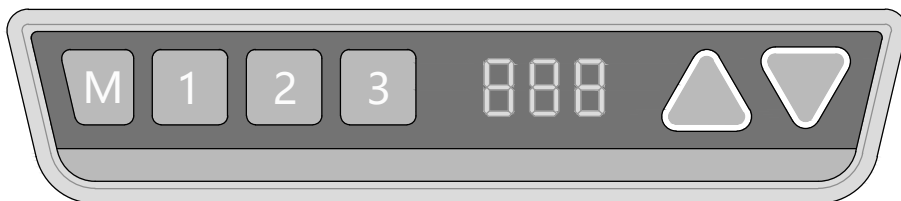
K- Extension Cable x 2




L - Power Cord






# Instruction





## • Manual Reset

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






1.  **rES** • Keep pressing down key till the desktop till display shows “E-1” and “rES” alternately and release the key.
2.  • Keep pressing down key again, the desktop will move slowly down and return back till the display shows “27.6” .
3. • Release the key, the height-adjustable desk resetting finished.

 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

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








# Instruction

## • High and Low Limitation Positions Do not enable this function unless you are really need in some situation.







1.  • Keep pressing the key "M" till the display shows "S--" .
2.   • Press "up" key till the display flash as "HLP" .
3.   • Press "1" key, the display show alternately as "H-P" and current height.
4.   • Keep pressing "up" or "down" key till the required high limit position is reached.
5.  • Press "M" key, the desktop height will be showed and the high limit position has been set.
6.   • Repeat step 1 and step 2 , then press "2" key, the display will show "L-P" and current height alternately, keep pressing "down" key till the low limit position is reached, press "M" key, the low limit 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 high or low limitation position will be stored.

## • Change the displayed Unit (cm/inch)

1.  • Keep pressing key "M" till the display shows "S--" .
2.   • Press "up" key, the display will show "Unt" .
3.  • Press "1" key, the display will show "Unt" and the current height alternately, and the unit of height is "cm" .
4.  • Press "M" key to save the unit as "cm" .
5.   • Repeat step 1 and step 2 , then press "2" key, the display shows "Unt" and the current height alternately, and the unit of height is "inch" , press "M" key to save the unit as "inch" .

## • Amend the desktop height displayed Before operating this function, execute the Manual Reset procedure.

1.  • Keep pressing key "M" till the display shows "Ur" and "Off" alternately.
2.  • Press "up" key till the display shows "End" and current height alternately. ( for metric, please note that the unit is "mm" during this procedure)
3.    • Changing the height by pressing "1" key to adjust the first numbers, "2" key to adjust the second number, and "3" key to adjust the third number.
4.  • Press "M" the height has been changed to defined digit.

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

# Instruction

## • Anti-Collision function

1. **E-2** • 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.

## • Plug detection



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.

## • Restore factory setting



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

1. **M** • Keep pressing "M" till the display shows "FAC" .
2. **M** • Press "M" ,and the control unit restore to factory setting (including memory position, high and low limitation positions, etc).

# Code meaning and Trouble shooting

## 【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 1200N / 270LBS / 122KG 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 18minutes for further operation

## 【Trouble shooting】

Code	Operating
E-4/ The height between 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	AC 100-240V 50/60Hz
Output voltage	27V DC
Max loading	1200N / 270lbs / 122kg
Height range	27.6"~47.3"/700mm~1200mm
Duty cycle	2 min on/ 18 min off





