

Assembly Instructions And User Manual

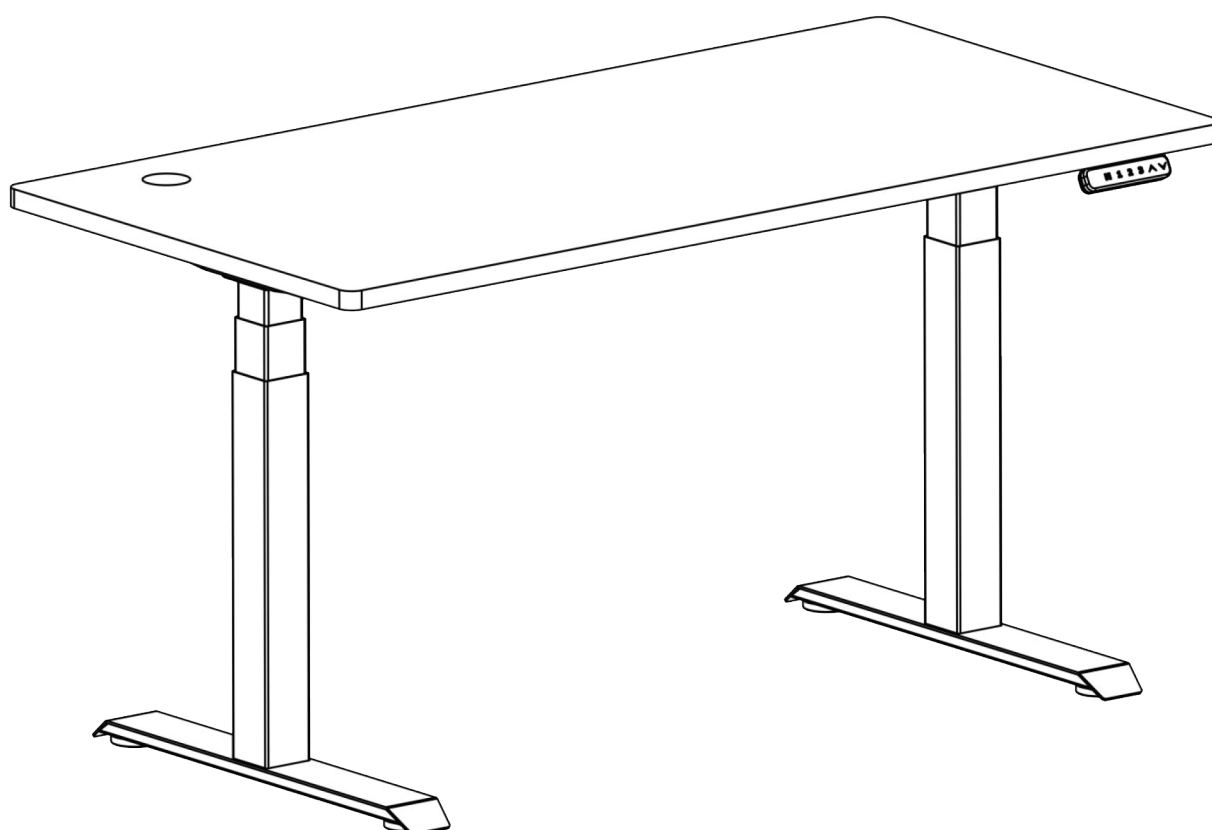
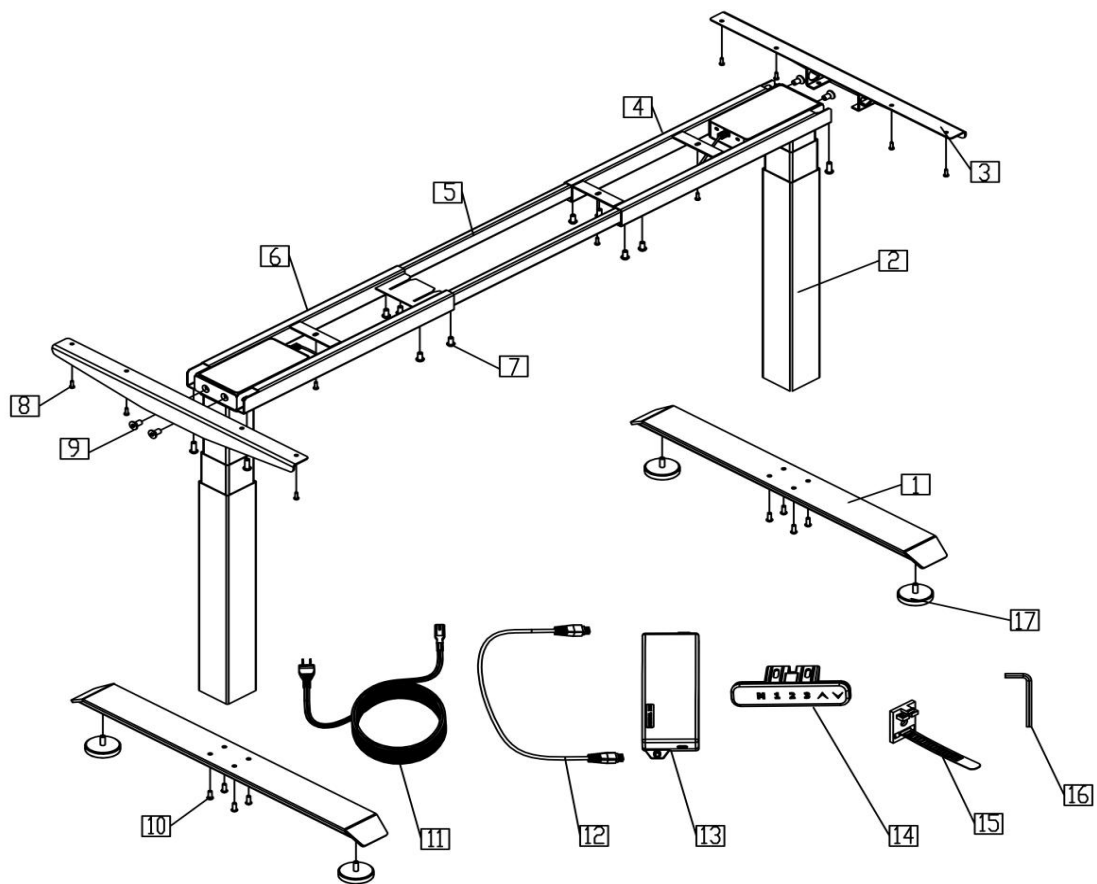


Table of Contents

Component parts	2
Assembly Instructions	3
Use Instructions	5
Troubleshooting	8
Important Safety Instructions	9
Advanced Programming	10

Component parts

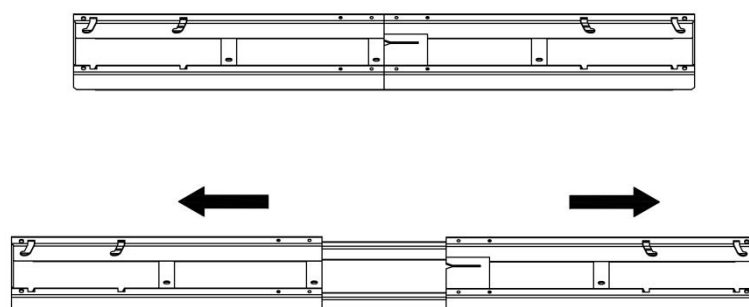


NO.	Component Name	PCS	NO.	Component Name	PCS
1	Table feet	2	10	M6x16	12
2	Lifting Column	2	11	Power cable	1
3	Side Bracket	2	12	Motor cable	2
4	Top frame -1	1	13	Control Box	1
5	Centre rail	2	14	Handset	1
6	Top frame -2	1	15	Cable Tie	5
7	M6x10	8	16	Allen Wrench(4mm)	1
8	ST4x16	13	17	Leveling pad	4
9	M6x12	4			

Assembly Instructions

Step 1

Adjust the length of the top frame

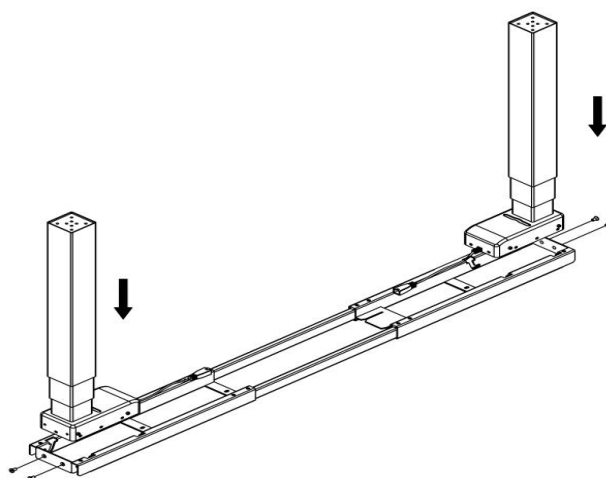


Step 2

Install the two lifting columns to the top frame

Parts required:

- M6x12: 4pcs

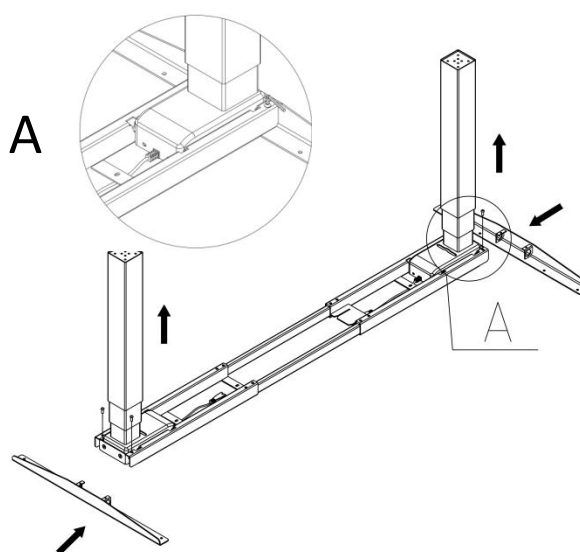


Step 3

Install the 2 side brackets on the frame

Parts required:

- M6x16: 4pcs

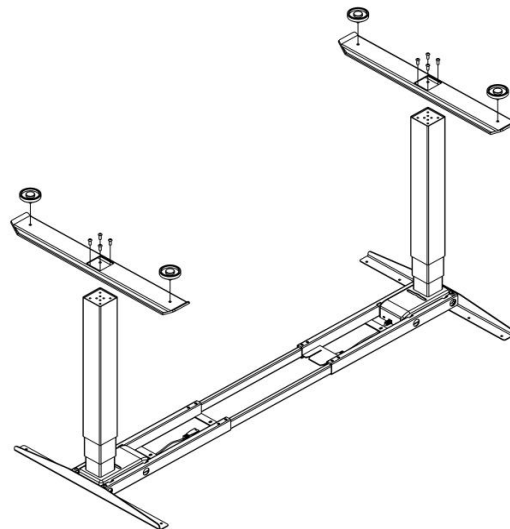


Step 4

Install the table feet on the lifting column

Parts required:

- M6x16: 8pcs
- Leveling pad: 4pcs

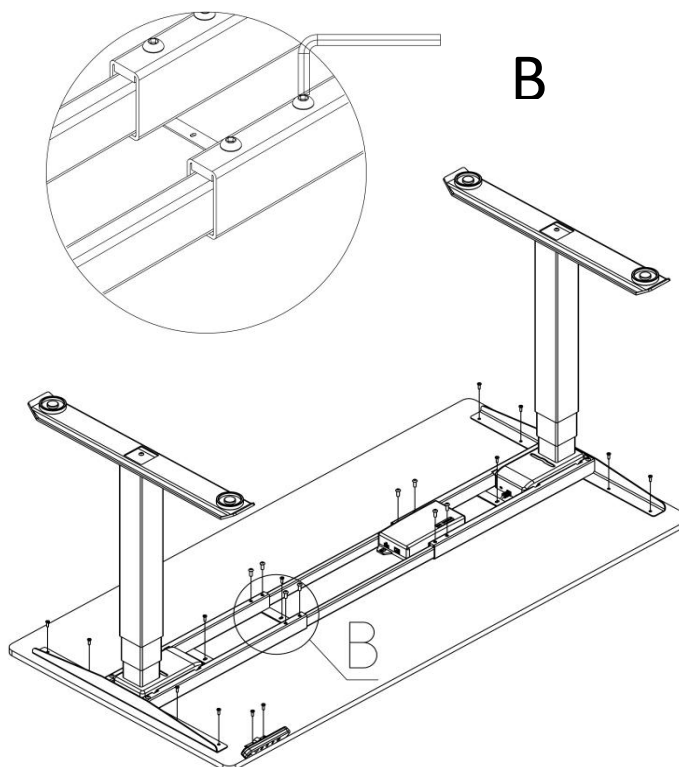


Step 5

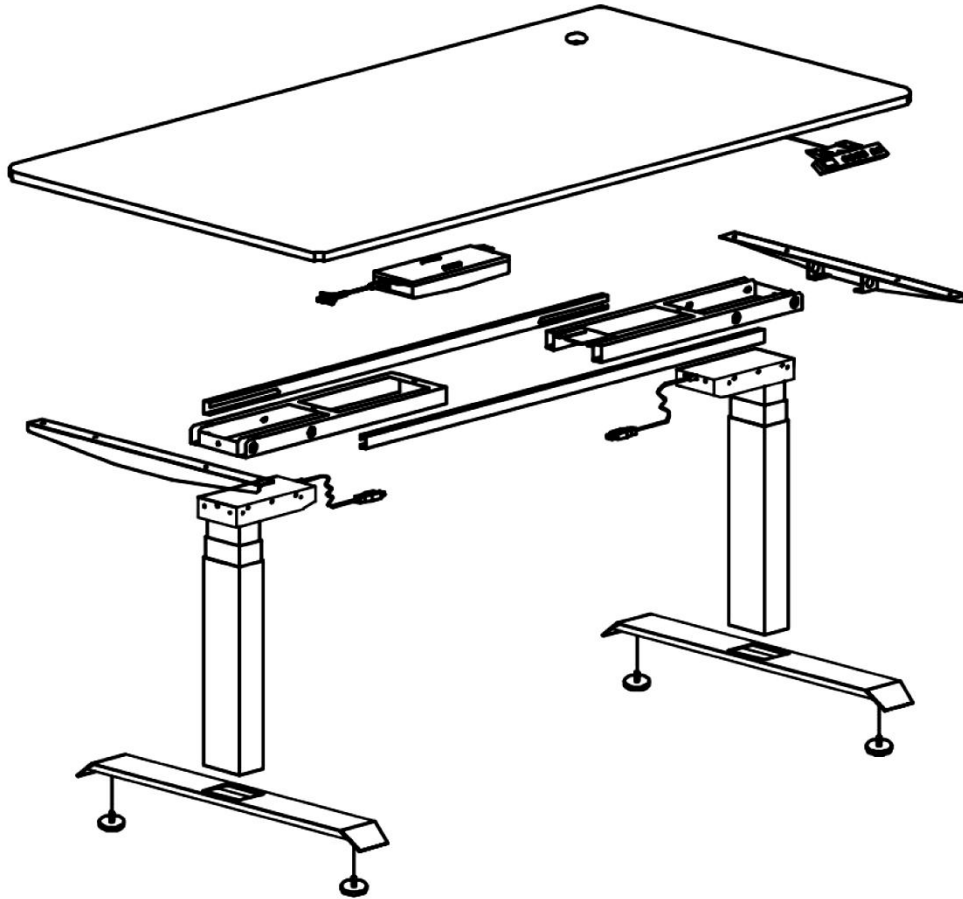
Fix the top frame with M6x10 bolts, Mount the tabletop and fix with St4x16 screws; Install the handset.

Parts required:

- M6x10 : 8 pcs
- St4x16 : 13 pcs



Use Instructions

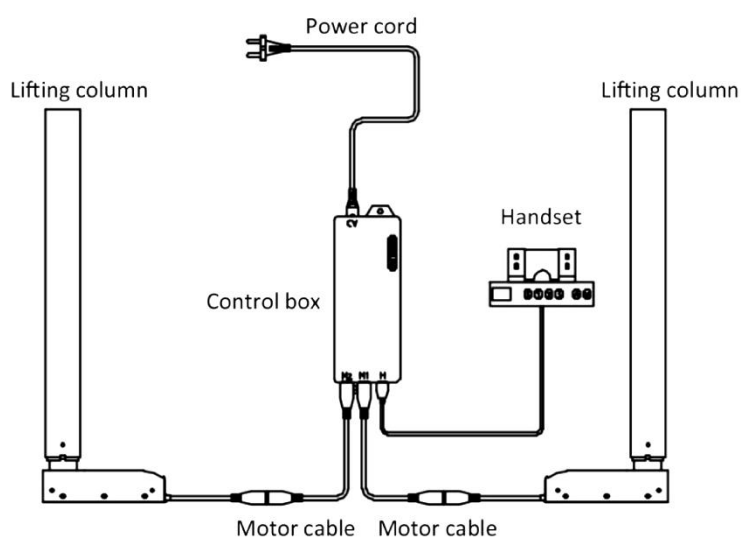


IMPORTANT: Make sure no obstacles are in the desk's path and the desk is clear of walls. Verify all cables are the appropriate length to accommodate the max height.

Connected cables like below photo:

Parts List

Control Box -----	1PCS
Handset-----	1PCS
Power cord -----	1PCS
Lifting Column -----	2PCS
Motor cable -----	2PCS



Technical Specifications

Input:	100/240VAC
Output Power:	24VDC
Load Capacity:	1200N
Max.Speed:	30MM/S
Stroke:	650MM
Min.Install Dimension:	610MM
Operation Temperature:	0-40°C
Duty Cycle:	Max.25% or 5 min.on and 18 min.off

Control Panel Operation and Programming Instructions



1. Make sure all components are connected correctly (control box, control panel, power cable and connecting cable, lifting columns).

2. Connect the power cable to a 110/240VAC outlet. After the control panel will display "61.0" sign for a few seconds, the system is turn on and the desk is ready for use.

3. Up and Down

Press and hold the "**UP**" button to move up the desk to the desired height. The desk will stop when the button is released.

Press and hold the "**DOWN**" button to lower the desk to the desired height. The desk will stop when the button is released.

4. Memory Settings

After adjusting the desk height using the "**UP**"/"**DOWN**" buttons, press the "**M**" button and "S -" sign will be displayed on the control panel. Then press the desired button from 1 to 4 to assign the current height to a number on the keypad. Can be saved and memorized 4 different heights.

Moving the desk to a preset height can be done by pressing the corresponding button from 1 to 3.

During operation you can stop the desk by pressing one of the "**UP**"/"**DOWN**" buttons.

5. Keypad Lock

To lock: Press and hold "**UP**" and "**DOWN**" buttons for 5 seconds until "**LOC**" sign appears on the display, indicating that the system is locked.

To unlock: Press the "**UP**" and "**DOWN**" buttons for 5 seconds at a same time until the "**LOC**" sign disappears and the height of the desk is displayed, indicating that the system is ready to be adjusted again.

6. Reset

When the system is experiencing a problem or the control panel displays "**RES**", the system must be reset.

Press and hold the "**DOWN**" button throughout the process. After 5 seconds, the desk will lower slightly until it reaches its lowest height, then rises slightly and the display changes back to the numeric height setting. After the desk stops, the reset process is successfully completed.

Troubleshooting

1. HOT

Issue: Operation of the control box, continuously, for more than 2 minutes.

Solution:

- a. Wait 18 minutes.
- b. Disconnect the power cable, wait a few minutes, and then plug the cable to the power source. The error code will disappear.

2. E01 and E02

Issue:

- a. One of the control box cables is not connected properly, it is defective or broken;
- b. The weight on one side of the desk exceeds 120 kg.

Solution:

Make sure all the connection cables are properly connected.

Then wait 3 seconds and the error code will disappear. If the problem still persists, replace the engine with a new one.

Remove load from desk, then the error code will automatically disappear.

3. E06

Issue: The difference between the two lifting columns is higher than 1 cm (0.4 inches).

Solution: Start the "Reset" process.

4. E07

Issue: The load weight exceeds the limit of 120 kg.

Solution: Remove some from the things on the desk to make sure the total weight does not exceed 80 kg.

5. E08

Issue: The input voltage is lower than the required value.

Solution: The error code will automatically disappear when the voltage increases and reaches the limits required by the device.

6. E09

Issue: The input voltage is too high and exceeds the maximum allowed value.

Solution: The error code will disappear automatically when the voltage decreases and reaches the maximum value that the device can support.

7. E10

Issue: The control panel is not connected or does not receive power, while the control box is already connected to a power source.

Solution: Wait 1 second, the error code will disappear automatically. If the problem persists, check the connection cables.

Important Safety Instructions

- Before using this device, read these operating instructions carefully and keep this user manual for future reference.
- Before using the product, check the desk and power cables for any visible signs of damage. If you notice cuts or deep scratches, do not turn on the device.
- Before connecting the product to the power supply, make sure that the power supply voltage is compatible with the parameters of the product.
- Before using it, make sure that the length of the power cable allows you to connect the desk to the power supply.
- The height-adjustable desk contains electronic circuits and should only be used in dry environments. Do not use outdoors or in very dusty environments. Keep away from heat sources and any corrosive materials.
- Keep all electrical components away from liquids. Never touch or handle the desk, power supply, the control box, the panel control or any other cable with wet hands.
- Clean the product only with a clean, dry, soft cloth or cloth. Disconnect from the power supply before moving or cleaning electrical components.
- Do not disassemble the columns, control box and control panel. These actions are considered damage caused by the user.
- This product contains small parts. Make sure they are out of the reach of children. Do not allow children to play with the device. Packing materials must not be used as toys.
- Do not lay or sit on the worktop. This product is not for lifting people.
- Do not exceed the maximum permissible load weight.
- This product can be used in a 10% cycle (2 minutes of operation, followed by 18 minutes pause).
- The manufacturer cannot be held liable or responsible for any damage or injuries resulting from improper use of the vacuum cleaner, in other words, non-compliance with these safety instructions and warnings.

Advanced programming






1Un-Display units setting	Page 11
2br-Handset brightness setting	Page 11
3bE-Voice setting	Page 11
4Fu-Go up anti-collision sensitivity setting	Page 12
5Fd-Go down anti-collision sensitivity setting	Page 12
6FS-Balance sensitivity	Page 13
7SH-Setting the new lowest display and height range	Page 13
8Hc-Setting Constant-touch & One-touch	Page 14
9St-Time Reminder setting	Page 14
10H-Setting bounce height	Page 14
11r-Restore Factory Defaults	Page 15
12d-Fatigue test mode	Page 15

1Un- Display units

Change the numeric display to show heights in either inches or centimeters

Press "**M**" button and hold 3 seconds, handset display "**S--**", Release "**M**" button, Press "**M**" button to enter, Display " 1Un", Press "**M**" button again to confirm the first programming setting.

1. It will display , Press S button to get CM display, wait 2 seconds, centimeters setting is done, It will display current height (cm)




2. After it display , press UP or DOWN, It will display , Press button "**M**", Wait 2 seconds, inches setting is done, It will display current height (Inch)

2br-Handset display brightness

Press "**M**" button and hold 3 seconds, handset display "**S--**", Release "**M**" button, Press "**M**" button to enter, Display " 1Un".

1. Press UP/Down, It will display 2br.

2. Press "**M**" to enter, It will display current brightness level 



 : Means normal brightness,  : Means low brightness,  : Means high brightness



3. Press UP or DOWN to select the desired brightness level, press "**M**" button to confirm, wait 2 seconds, It will display current height.



3bE-Setting voice

Press "**M**" button and hold 3 seconds, handset display "**S--**", Release "**M**" button, Press "**M**" button again to enter, Display " 1Un".

1. Press UP or DOWN, It will display "3bE"

2. Press "**M**" button, It will display current sound status,  or 

 : Means no voice when you press the button,  : Means with voice when you press the button.

3. Press UP or DOWN to select  or , then Press "**M**" to confirm, wait 2 seconds, It will display current height.

4Fu-Go up anti-collision sensitivity

The desk has an Anti-Collision Sensitivity that will stop the desk's movement if it hits something on the way up. You can change this Sensitivity level by doing the following:

Press "**M**" button and hold 3 seconds, handset display "**S--**", Release "**M**" button, Press "**M**" button again to enter, Display "1Un".

1. Press UP or DOWN ,It will display 4Fu.
2. Press "**M**" button to enter,It will display current anti-collision sensitivity level.Total 9 levels for up from

L1 to L9;

L1 is the most sensitivity setting, L9 is the least sensitivity setting.

3. Press UP or Down to select the your favorite level,Press "**M**" button to confirm,wait 2 seconds,It will display current height.

5Fd-Go down anti-collision sensitivity

The desk has an Anti-Collision Sensitivity that will stop the desk's movement if it hits something on the way down. You can change this Sensitivity level by doing the following:

Press "**M**" button and hold 3 seconds, handset display "**S--**", Release "**M**" button, Press "**M**" button again to enter, Display "1Un".

- 1.Press UP or DOWN,It will display 5Fd.
- 2.Press "**M**" button to enter,It will display current anti-collision sensitivity level L5 .Total 9 levels for down

from L1 to L9;

L1 is the most sensitivity setting, L9 is the least sensitivity setting.

- 3.Press UP or Down to select the your favorite level,Press "**M**" button to confirm,wait 2 seconds,It will display current height.

6FS-Balance sensitivity

The desk has a balance Sensitivity to make sure the 2 columns always work in the same position . You can change this Sensitivity level by doing the following:

Press **"M"** button and hold 3 seconds, handset display **"S--"** ,Release **"M"** button,Press **"M"** button again to enter,Display **" 1Un"**.

1.Press UP or DOWN ,It will display 6FS.

2.Press **"M"** button to enter,It will display current balance sensitivity level L5.Total 9 levels for down from

L 1 to L 9;

L 1 is the most sensitivity setting, L 9 is the least sensitivity setting.

4. Press UP or Down to select the your favorite level,Press **"M"** button to confirm,wait 2 seconds,It will display current height.

7SH-Setting the new lowest display and height range

The desk frame ships defaulted to its minimum and maximum height limits. These steps allow the upper and lower limits to be adjusted to your preference:

Press **"M"** button and hold 3 seconds, handset display **"S--"** ,Release **"M"** button,Press **"M"** button again to enter,Display **" 1Un"**.

1.Press UP or DOWN ,It will display 7FS.

2.Press **"M"** button to enter,It will display H 1 b,Press UP or DWON,It will display L 1 L and L 1 H

H 1 b: Set the lowest position height display L 1 L:Set a new minimum desk height

L 1 H:Set a new maximum desk height

5. Press UP or DOWN ,It will display H 1 b,Press **"M"** button to enter,It will display current lowest height,Press UP or DOWN to set the lowest height display ,Press **"M"** to confirm .















6. Press UP or DOWN ,It will display L 1 L ,Press **"M"** button to enter,It will display current lowest height,Press UP or DOWN to set a lowest height position ,Press **"M"** to confirm .

7. Press UP or DOWN ,It will display L 1 H ,Press **"M"** button to enter,It will display current highest height,Press UP or DOWN to set a new highest height position ,Press **"M"** to confirm .

8Hc- Setting Constant-touch & One-touch for go Up or Down


Press "**M**" button and hold 3 seconds, handset display "**S--**",Release "**M**" button,Press "**M**" button again to enter,Display "1Un".

1. Press UP or DOWN,It will display 8Hc

2. Press "**M**" button to enter,It will display current mode              

11r- Restore Factory Defaults

Press "M" button and hold 3 seconds, handset display "S--", Release "M" button, Press "M" button again to enter, Display "1Un".

1. Press UP or DOWN, It will display 11r
2. Press "M" to enter, It will display  and flash.
3. Press "M" to confirm, wait 2 seconds, It will display current height.

12d-Fatigue test mode

Factory use, please ignore this programming.