# Operating manual of control unit

## Manual Reset

1. Keep pressing down key till the desktop reach the lowest position (display shows "60"), release the key.

2. Keep pressing the down key again for about 5 seconds until the desktop moves further down and reaches  absolutely lowest desktop  position (display will show  "EO1", and then "60").

3. Release the key, the height-adjustable desk can be used normally.

## 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 -"

3. Press "1" to set the first memory position .Similar progress for 2 and 3 memory positions.

# Operating manual for control unit

## Container and shelf stop positions

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.

1    **M**    Keep pressing the key "M" for 15 seconds into setup state (display starts flashing)

2    **▲**    Press up key till the required upper limit position is reached,

3    **1** **H-P**    Press "1" (display will show "H-P"), the shelf stop position has been set

4           Keep pressing down key till the required lower limit position is reached

5    **2** **L-P**    Press "2" (the display will show "L-P"), the container stop position has been set.

6    **M**    Press key "M" to exit after the setup is complete.

**Note**: The container stop could be only stored in the lower half of movement, and shelf stop could be only stored in the upper half of movement.

To deactivate the container stop/ shelf stop position  by manual reset .

## Change the displayed desktop position (cm /inch)

1    **M**    Keep pressing key "M" till the display show "P-1".

2    **▲** **P-2**    Press up key, the display will show "P-2".

3    **M**    Press key "M" into switch state, you can switch by up/down key. It means
     **1** **0**    "cm"; when display show "0", if show "1" ,means "inch".

4    **M**    Press key "M" to save your settings. ( the display will show "P-2")

5           Press key "1" to exit.

# Operating manual of 6 key

## Anti-Collision function

**Note:** Before use, please make sure removing obstacle in advance and human body is in the safe position.

1    `E05`    Once the desktop encounters any obstacle in its path, the screen displays "EO5"

2    The desktop runs back around 2 inch, and it would  be used normally after removing the obstacle

It can adjust sensitivity of high-adjustable desk during obstacle in its path.

1    `M` `P-1`    Keep pressing key "M" until the display show "P-1".

4    `△` `P-3`    Press up key, the display will show "P-3".

5    `M`    Press key "M" to adjust sensitivity through up or down key (Lower numbers equate to better sensitivity), and it is suggested to set the number not lower than 10.

6    `M` `P-3`    Press key "M" to save your settings (the display will show "P-3").

# Code meaning

| Code | Information | Operating |
|------|------------|-----------|
| E01 | Resetting | Refer to the progress of manual reset |
| E04 | Overloading | Remove the load on desktop till it less than 800N (175 LBS) for further operation |
| E05 | Anti-Collision function | It can be used normally after removing the obstacle |
| E06 | Overheat protection | Make the desk rest around 15minutes for further operation |
| E07 | Need to be reset | Refer to manual reset |

# Trouble shooting

| Code | Operating |
|------|-----------|
| E02 / The height between two legs exceed 1 inch | Stop the operation and reset, refer to Manual reset |
| E08/E09 | 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 | 220~240VAC/100~130VAC |
| output voltage | 24VDC |
| Max loading | 1000N |
| Height range(without desktop) | 22.9" ～48.3"/22.5" ～47.9" |
| Duty cycle | 2 min on/ 18 min off |

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