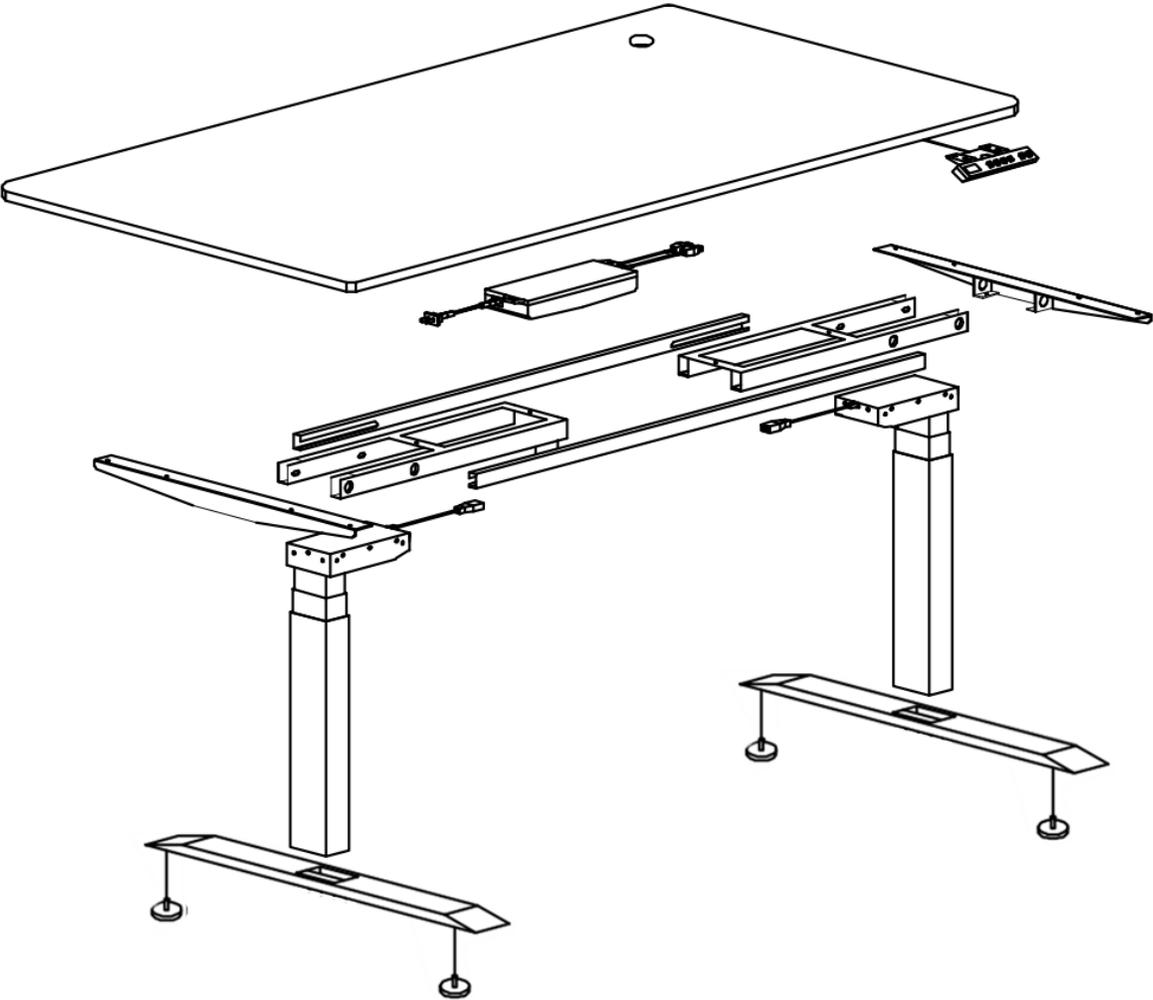


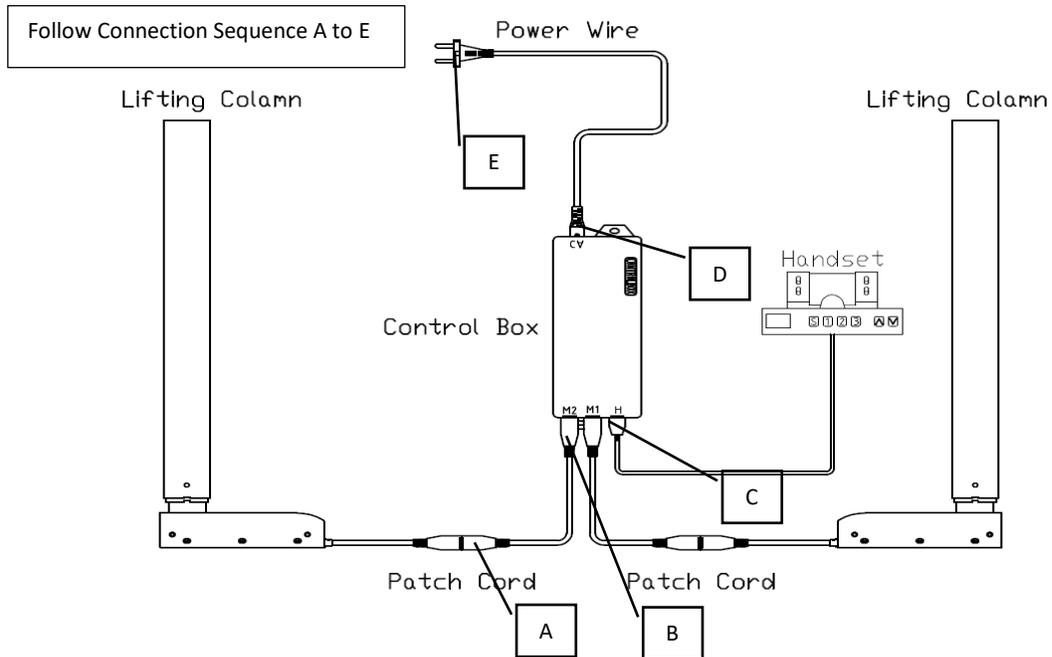
Mesa - 2 Leg Desk User Instructions



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a. Parts list

1. Control Box ----- 1pc
2. Handset ----- 1pc
3. Power Cord ----- 1pc
4. Lifting Column ----- 2pcs
5. 1.5m Patch Cord ----- 2pcs



b. Technical Specifications

1. Input----- 110~240VAC
2. Output Power ----- 24VDC
3. Load Capacity ----- 300lbs
4. Speed ----- 30mm/s
5. Stroke ----- 644mm
6. Min Install Dimension ----- 550mm
7. Operation Temperature ----- 0-40°C
8. Duty Cycle ----- Max.10% or 2min on and 18min off



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c. Direction for Use

1. Correctly connect the Control Box, Patch Cords Lifting Columns, Handset, Power Cord, in the sequence shown above. Note always power control box last!
2. Plug the power cord into 110~220VAC outlet The LCD display will show “PON” for seconds indicating a positive power connection system resetting.

After resetting the LCD display will display **21.6(INCH)**, reset finished.

Reset: (Initialization)

- Press and hold the down button, until handset display "RES" and then release button, The desk will begin to lower, until to the lowest height then slightly rise. Reset finished.
3. After reset, table can be operated normally. press and hold “Up” button to move the table in an upward direction. Display will show height of table. Release “Up” button at desired height.
 4. To lower table press and hold the “down” button. Display will show height of table. Release “Down” button at desired height.

Setting Memory Positions

Press and hold UP/DOWN button to desired height, press button M first, then press button 1, this height will be remembered by button 1.

Press and hold UP/DOWN button to another desired height, press button M, then press button 2, this height will be remembered by button 2.

Repeat steps above for position 3 and 4 .

After setting memory positions, press 1/2/3/4 button, desk will move to the stored position. At any time press “UP” and “DOWN” button. The motion will be stopped.



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d. Trouble Shooting

If the LCD Controller displays error codes when raising or lowering the desk, a reset will be required.

1. Table must be reset before first use. If the lifting columns are at different heights, reset required follow reset instructions.
2. Motor error (E01/E02/E03/E04)
These error codes mean the control box can't detect motor hall plate signal, Or Control box detects one lifting column is over loaded. Adjust Load on table and retry

Alternatively

The patch cord connected with <M1/M2/M3 port has an error and needs to be reset. Should a reset fail to resolve the issue one or more motors may need to be replaced. Please contact Customer Service for assistance.

3. Control box temperature protection (HOT)
This indicates that the control box temperature is above 75°C or the system has been in continuous use for 2min or more. The lifting columns are locked out for up to 18mins as a safety precaution. Wait for control box to cool before resuming operation. The power cord can also be unplugged to accelerate this process.
4. Motors asynchronous (E06)
The lifting columns are asynchronous (height differential >10mm), faults have occurred with the motor or other components, reset required (Remove Load)
5. Overload protection (E07)
Desk overloaded. Reduce or remove load, then reset or wait for 3 seconds, it will recover.
6. Low Voltage protection (E08)
Power Voltage is too low for operation. Operation will resume when voltage returns to normal.
7. High Voltage protection (E09)
Power Voltage is too high. Operation will resume when voltage returns to normal.



e. Warranty Notice

1. This product must be used in accordance with the install and user instructions.
2. Keep away from liquids, corrosives, gases and dusty environments.
3. Do not open any of the components, doing so will void any and all service support and manufacturer warranty.



General Navigation with Handset for Advanced Programming

"1" Button - Return to previous menu

"UP" / "DOWN" Button - Select menu

"M" Button - Confirm menu

f. Changing between cm and inch-1Un

Keep pressing Button "M" for 3 seconds, Handset will display "S---", release "M" press Button "M" again, code displayed "1Un". Press Button "M" to enter.

1. It will display **Si**, You can Press "M" button to preserve cm display and pls wait for 2 seconds it will display current height (cm).
2. After it displays **Si**, you can press Button "Up"/"Down" to change it to **in**, Press Button "M" to preserve Inch display and pls wait for 2 seconds it will display current height (Inch).

g. Setting Handset display brightness-2br

1. Press and hold "M" button for 3 seconds. Handset will display "S---", then release "M". Press Button "M" again to enter the code "1Un" will then appear.
2. Press button "Up"/"Down" to be 2br.
Then press button "M" to enter, this will display current display brightness level (L/H) 
L:Means low brightness, :Means normal brightness, H:Means high brightness.
3. Press button "Up"/"Down" to select your favourite brightness level, then press button "M" to preserve and quit, pls wait for 2 seconds and it will display current height.

h. Adjusting Sound-3bE

1. Press and Hold "M" button for 3 seconds. Handset will display "S---", release "M"
Press Button "M" again to enter the code "1Un" will then appear.
2. Press button "Up"/"Down" to be "3bE",
Then press button "M" to enter, this will display current sound situation (OFF/).
OFF:Means handset has no sound, ON:Means handset has sound.
3. Press button "Up"/"Down" to select OFF or , then press button "M" to preserve and quit, pls wait for 2 seconds and it will display current height.

i. Adjust upward sensitivity-4Fu

1. Press and hold "M" button for 3 seconds. Handset will display "S---", release. Press Button "M" again to enter the code "1Un" will then appear.
2. Press button "Up"/"Down" to be "4Fu", Then press button "M" to enter, this will display current upward sensitivity level (L5). We have 9 levels of upward sensitivity, from L1 to L9, L1 is the most sensitivity, L9 is the least sensitivity. L5 is our factory setting upward sensitivity.
3. Press button "Up"/"Down" to select your favourite upward sensitivity level, then press button "M" to preserve and quit, pls wait for 2 seconds and it will display current height.

j. Adjust downward sensitivity-5Fd

1. Press and hold “M” button for 3 seconds. Handset will display “S---”, release. Press Button “M” again to enter the code “1Un” will then appear.
2. Press button “Up”/”Down” to be “5Fd” .
Then press button “M” to enter, this will display current upward sensitivity level (L5).
We have 9 levels of upward sensitivity, from L1 to L9,L1 is the most sensitivity,L9 is the least sensitivity.L5 is our factory setting upward sensitivity.
3. Press button “Up”/”Down” to select your favourite upward sensitivity level, then press button “M” to preserve and quit, pls wait for 2 seconds and it will display current height.

k. Adjust Vibration Sensitivity-6FS

1. Press and hold “M” button for 3 seconds. Handset will display “S---”, release. Press Button “M” again to enter the code “1Un” will then appear.
2. Press button “Up”/”Down” to be “6FS”,Then press button “M” to enter, this will display current vibration sensitivity level (L5).We have 9 levels of vibration sensitivity, from L1 to L9,L1 is the most sensitivity,L9 is the least sensitivity.L5 is our factory setting vibration sensitivity.
3. Press button “Up”/”Down” to select your favourite vibration sensitivity level, then press button “M” to preserve and quit, pls wait for 2 seconds and it will display current height.

l. Adjust the lowest height display and height range-7SH

1. Press and hold “M” button for 3 seconds. Handset will display “S---”, release. Press Button “M” again to enter the code “1Un” will then appear.
2. Press button “Up”/”Down” to be “7SH”,Then press button “M” to enter, this will display H, b ,you also can press button “Up”/”Down”, so that it will display L, L , and L, H .

H, b :Mean to set the lowest position display height.
 L, L



:Mean to set a new lowest position
L, H:Mean to set a new highest position

3. Press button “Up”/”Down” to be H, b, Then press button “M” to enter, will display current lowest height, you can Press button “Up”/”Down” to adjust the lowest height display, then press button “M” to preserve and quit, pls wait for 2 seconds and it will display new lowest height.
4. Press button “Up”/”Down” to be L, L, Then press button “M” to enter, will display current lowest height, you can Press button “Up” set a new lowest position, then press button “M” to preserve and quit, pls wait for 2 seconds and it will display height. New Lowest position finished setting.
5. Press button “Up”/”Down” to be L, H, Then press button “M” to enter, will display current highest height, you can Press button ”Down” to set a new highest position, then press button “M” to preserve and quit, pls wait for 2 seconds and it will display height. New Highest position finished setting.
6. After setting, desk can only motion between new lowest position and new highest position.

m. Switching between modes-8Hc

1. Press and hold “M” button for 3 seconds. Handset will display “S---”, release. Press Button “M” again to enter the code “1Un” will then appear.
2. Press button “Up”/”Down” to be “8Hc”, Then press button “M” to enter, this will display current mode:”001”.you also can press button “Up”/”Down”, so that it will display ”002”.

We have two modes for your choosing.

“001” mode: You need to keep pressing up or down button so that desk will motion.

“002” mode: You only need to press one time up or down button, the desk will move, click press any button the motion will be stopped.

3. Press button “Up”/”Down” to select your favourite mode(001 or 002), then press button “M” to preserve and quit, pls wait for 2 seconds and it will display current height.



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n. Adjust time reminder-9St

1. Press and hold "M" button for 3 seconds. Handset will display "S---", release. Press Button "M" again to enter the code "1Un" will then appear
2. Press button "Up"/"Down" to be "9St", Then press button "M" to enter, this will display 0.0H. (Mean no time reminder, H mean hour)
3. Press button "Up"/"Down" to select your favourite reminder time (Like 1.5H mean 1.5hour), then press button "M" to preserve and quit, pls wait for 2 seconds and it will display current height.

Note:

When handset time reminder beep, press any button, the beep will disappear. The time reminder beep will last for 30 seconds for 1 time, if no pressing any button.

o. Adjust bounce height-10H

1. Press and hold "M" button for 3 seconds. Handset will display "S---", release. Press Button "M" again to enter the code "1Un" will then appear
2. Press button "Up"/"Down" to be "10H", Then press button "M" to enter, this will display current bounce height.
3. Press button "Up"/"Down" to set a favourite bounce height, then press button "M" to preserve and quit, pls wait for 2 seconds and it will display current height.

p. Restore factory Settings-11r

1. Press and hold "M" button for 3 seconds. Handset will display "S---", release. Press Button "M" again to enter the code "1Un" will then appear
2. Press button "Up"/"Down" to be "11r", press button "M" to enter, **F r t** will flash.
3. Then press button "M" to preserve and quit, **F r t** will stop flashing and wait for 2 seconds it will display current height.

q. Fatigue test mode-12d

1. Press and hold "M" button for 3 seconds. Handset will display "S---", release. Press Button "M" again to enter the code "1Un" will then appear



2. Press button “Up”/”Down” to be “12d”,Then press button “M” to enter.
It will appear **PH_** ,Press 5 times button “1” continuously, you can enter into fatigue mode selecting menu. There will be 5 modes for your choosing.

OFF:No fatigue test.

51:Level 1 fatigue test, continue working, no stop.

52:Level 2 fatigue test, Upward and Downward 1 time then rest for 4 minutes.

53:Level 3 fatigue test, Upward and Downward 1 time then rest for 6 minutes.

54:Level 4 fatigue test, Upward and Downward 1 time then rest for 10 minutes.

3. Pls press “up” and “down” to select your favourite fatigue mode, Then press button “M” to preserve.
4. You can press “UP” button to begin fatigue test, also you can quit the fatigue test by unplugging the power cord.

r. Handset Lock

1. Keep pressing “Up” and “Down” button for 5 seconds, Handset will lock.
2. Keep pressing “Up” and “Down” button for 5 seconds, Handset will be unlocked.

