Electric Height Adjustable Desk Base

Assembly Instructions And User Manual



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A: Part Listing



NO.	Component Name	PCS
1	Feet	2
2	Lifting Column	2
3	Bracket	2
4	Frame	1
5	Rubber pad	10
6	M5x90	4
7	ST4x16	11
8	M6x12	4
9	M6x16	12

NO.	Component Name	PCS		
10	Feet Pad	4		
11	Power Cord	1		
12	Patch cord 2			
13	Control Box	1		
14	Handset	1		
15	ST4x20	2		
16	Tie	3		
17	Hex Wrench(4mm)	1		

B: Assembly Instructions

1 Put the lifting column into the frame, first fix 4pcs screws M6x12 ,as shown in figure

A. then tighten the pre-screwed bolts on lifting column, as shown in figure B.

(bolt:4 pcs,M6x12) (pre-screwed bolt: 8 pcs,M6x10) (Tool:4mm Hex Wrench)



2 Insert connecting blocks of the bracket into the frame top,tighten together with bolts, as shown in figure C.

(bolt:4 pcs,M6x16) (Tool:4mm Hex Wrench)



3 Step(a): Install the feet on the lifting columns, tighten with bolts.

(bolt:8 pcs,M6x16) (Tool:4mm Hex Wrench)

Step(b): Tighten the feet pad. (4 pcs)



Step(a): Fix the rubber pad on the frame and side panel, as shown in Figure D
(10pcs Rubber pad)

Step(b):Adjust and install the frame and side panels in the appropriate position match with the holes in the tabletop (screw: 6pcs ST4x16) Step(c):Insert and Fix the control box on the frame bit, as shown in Figure E (screw: 2pcs ST4x16)

Step(d):Fix the control panel on tabletop with screws, as shown in Figure F

(screw: 2pcs ST4x20 1pcs ST4x16 1pcs Tie)

Step(e):As shown in Figure G, please refer to the separate instruction manual attached to the wooden tabletop.





6 Connect all power supplies.

(screw: 2pcs ST4x16) (2pcs Tie)



C: Use Instructions Connected like below photo:



Picture 1

1.Parts List

Control Box	
Handset	1PCS
Power Cord	1PCS
Lifting Column	2PCS
Patch Cord	2PCS

2.Technical Specifications

Input:	100~240VAC
Output Power:	24VDC
Load Capacity:	140KG
Max.Speed:	30MM/S
Stroke:	25.6inch
Min.Install Dimension:	23.6inch
Min.Install Dimension:	23.011ch
Operation Temperature:	5-40°C
Duty Cycle:	2 min.on and 18 min.off

3. Direction for Use

Note: Before using, the control box should be fixed flat at the bottom of the desktop, as there is a balance detection device in the control box. A reset prompt "rES" will appear if not flat. When "rES" appears, please press the reset method to restore factory Settings.

3.1 Correctly connect the Control Box, Handset, Power Cord, Lifting Column, Patch Cord. (Picture 1).

3.2.Plug the power cord into 100~240VAC outlet:The Digital Tube will display "23.6" for seconds it means electrified successfully.

3.3. press and hold " button, lifting column will rise, release to Stop.

3.4.press and hold "V" button, lifting column will fall, release to Stop.

3.5. How to memory:

After pressing and holding \swarrow / \checkmark button to a height, press button M first, then press button 1, this height will be remembered by button 1. Still pressing and holding \checkmark / \checkmark button to another height, press button M, then press button 2, this height will be remembered by button 2. The same way, the button 3/4 can remember other heights. After memory, press 1/2/3/4 button, desk will motion to the height it remembers, press

", M " and " M " button. The motion will be stopped.

3.6 RESET :

When the handset displays "**rES**", reset is required. Press and hold the down button, after 5 seconds the desk will begin to lower, until to the lowest height then slightly rise.Reset finished. Release the down button.

3.7 CHILD LOCK:

The handset can be locked to prevent accidental activation or movement of the desk. Press button "UP" and "DOWN" at the same time and no release , Hold for 5 seconds, handset display "LOC", The desk locked. Press button "UP" and "DOWN" at the same time and no release , Hold for 5 seconds, handset display the height number. The desk unlock.

4. Handset Displays Error Codes and Solutions

NO.	Error Codes	Troubleshooting	
1	Hot	1.1Wait 18 minutes. 1.2Plug out power cable(until handset without display) then plug the power again. The error code will auto disappear	
2	RES	Operate "Reset" operation.	
3	E01 /E02	3.1Please check the cables and make sure there're connected.Then waiting 3 seconds, the error code will auto disappear.3.2 Waiting 3 seconds, the error code will auto disappear. If not	
		disappear, Contact supplier.	
		3.3 Remove over weight, then code will auto disappear.	
4	E06	Operate "Reset" operation.	
5	E07	Please remove weights to make sure weight not over 140kg	
6	E08	Only the service voltage rise to product requirement, then the error code will auto disappear	
7	E09	Only the service voltage fall to product requirement, then the error code will auto disappear.	
8	E10	Insert handset after control box already have power.Waiting 1 seconds, the error code will auto disappear.	

D:Handset operation instructions

1. Then meaning of each key function

1.1 HEIGHT 1	return key (return to the previous menu) If you want to set several functions at the same time, you can directly return to continue setting through 1 key without exiting the background
1.2 UP key	Last page (switch to the previous interface of the
	current menu page)
1.3 DOWN key	Next page (switch to the next interface of the
	current menu page)
1.4 M	-Confirmation key (confirm to enter the next menu of the
	current interface or confirm to select the current
	parameter item)

2.How to enter the background of manual controller

2.1 Press "M" button and hold 3 seconds, handset display "S--", Release "M" button,

- 2.2 Press "M" button to enter, Display " 1Un"
- 2.3 Press UP or Down to found "1Un~12D" different functions

Code	Function	Sub function	Setting method
1Un	Display units		Press "M" button to enter the first function programming
			setting,It will display 51 ,Press"M"button to confirm,wait
			2 seconds, It will display current height (cm), centimeters
		S (Initial)	setting is done
			After it display , press UP or DOWN , It will display
			Press button "M" to confirm, Wait 2 seconds, .It will
			display current height (Inch),inches setting is done

2br	Handset display brightness	∏ _(initial)	Press "M" button to enter,It will display ,Press "M" button to confirm. Wait for 2 seconds,It will display current height, the medium brightness setting is completed
		L	After it display ,press UP or DOWN ,It will display , Press "M" button to confirm. Wait for 2 seconds,It will display current height, the low brightness setting is completed
		H	After it display , press UP or DOWN , It will display H ,Press "M" button to confirm . Wait for 2 seconds, It will display current height, the high brightness setting is completed
3bE	Setting voice	OFF (Initial)	Press "M" button to enter,It will display DFF, Press "M" button to confirm. Wait for 2 seconds, , It will display current height,the no voice setting is completed After it display DFF, press UP or DOWN, It will display
			Im, Press "M" button to confirm. Wait for 2 seconds, It will display current height, the bee voice setting is completed
4Fu	Go up anti-collision sensitivity	L0~L9	Press "M" button to enter, It will display L5 (Initial) ,Press UP or Down to select the your favorite level, Press "M" button to confirm, Wait for 2 seconds, , It will display current height, the setting is completed ("L1" is the most sensitivity setting, "L9" is the least sensitivity setting. "L0" is to turn off this function, "L5" is about 15kg)
5Fd	Go down anti-collision sensitivity	L0~L9	Press "M" button to enter, It will display L5 (Initial) ,Press UP or Down to select the your favorite level, Press "M" button to confirm, Wait for 2 seconds, , It will display current height, the setting is completed ("L1" is the most sensitivity setting, "L9" is the least sensitivity setting."L0" is to turn off this function, "L5" is about 15kg)

6FS	Balance sensitivity	L0~L9	Press "M" button to enter, It will display L5 (Initial), Press UP or Down to select the your favorite level, Press "M" button to confirm, Wait for 2 seconds, , It will display current height, the setting is completed ("L1" is the most sensitivity setting, "L9" is the least sensitivity setting. "L0" is to turn off this function, "L5" is about 2 degrees)
7SH	Setting the new lowest display range and height range	Ні Ь _{10≤} Ні Ь _{≤100}	about 3 degrees) Press "M" button to enter,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 your need ,Press "M" to confirm,It will display current height,the setting is completed H ₁ b: Set the lowest position height display,The adjustable range is 10-100mm.
		Lı L Hı b ≤Lı L ≤Lı H ₋₁₀₀	Press UP or DOWN ,It will display L L ,Press "M" button to enter,It will display current lowest height,Press UP to set a lowest height position ,Press "M" to confirm .,It will display current height,the setting is completed L L :Set a new minimum desk height,The L L height should be greater than H b height.
		L, H L, L +100≤ L, H ≤ H, b +stroke	Press UP or DOWN ,It will display $L_1 H$, Press "M" button to enter,It will display current highest height,Press DOWN to set a new highest height position ,Press "M" to confirmIt will display current height,the setting is completed $L_1 H$:Set a new maximum desk height ,The height $L_1 H$ should be more than 100 mm higher than $L_1 L$ height.
8Hc	Setting Constant-touch & One-touch for go Up or Down	0.01(Initial)	Press " M" button to enter, It will display current mode Press "M" to confirm ., It will display current height, the setting is completed . Keep pressing UP or DOWN button to make the desk moving up or down. Press UP or DOWN, It will display . Press "M" to confirmIt will display current height, the setting is completed
			BORNELEA BORNELEA moving up or down automatically; Press any button can stop the desk when it moving.

9St	Reminder setting	0.0H(Initial)	Press " M" to enter, It will display " 0.0H", It no time reminder ,(H means Hour)Press UP or DOWN to select the time reminder you need (1.5H means 1.5 hours), Press " M" to confirm. It will display current height, the setting is completed Note: When handset time reminder beep, press any button to make it disappear ; the time reminder will last 30 seconds if no any operations. The adjustable range is 0.0H-9.5H.
10H	Setting bounce height		Press "M" button to enter, It will show current bounce height (005) Press up or down to fine tune the bounce height. The adjustable range is 5-20mm, Press "M" to confirm; Wait 2 seconds, It will display current height.
llr	Restore Factory Defaults	Frb	Press "M" to enter, It will display FrE and flash.Press "M"to confirm, wait 2 seconds, It will display "RES", reset is required.
12d	Fatigue test mode	PR_	Please ignore this program for fatigue test before shipment.

F.Notice

- 1. This product must be used under the correct technical parameters.
- 2.Keep away from liquids, corrosive gases, dusty environment.
- 3.Contact our factory when necessary.