

USER'S MANUAL

Adjustable Computer Desk Frame with Dual Electric Motors

THIS INSTRUCTION BOOKLET CONTAINS **IMPORTANT** SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.

Before You Start

- ⚠ Please read all instructions carefully.
- ⚠ Retain instructions for future reference.
- ⚠ Separate and count all parts and hardware.
- ⚠ Read through each step carefully and follow the proper order.
- ⚠ We recommend that, where possible, all items are assembled near to the area in which they will be placed in use, to avoid moving the product unnecessarily once assembled.
- ⚠ Always place the product on a flat, steady and stable surface.
- ⚠ Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.

1. Product description

Our advanced intelligent control system is combined with the intelligent electric control system of the DT0 series hand controller. It has many advantages such as low energy consumption, intelligent ISP and Gyro sensor / tilt, easy to change settings 1/8 with plug and play UL certified components it can realize soft start and soft stop of the lifting table, and the lifting table runs smoothly with low noise.

2. Functional parameter




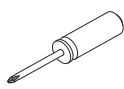

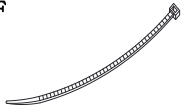
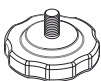
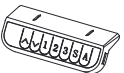
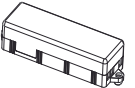
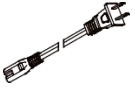
1. Basic function parameters

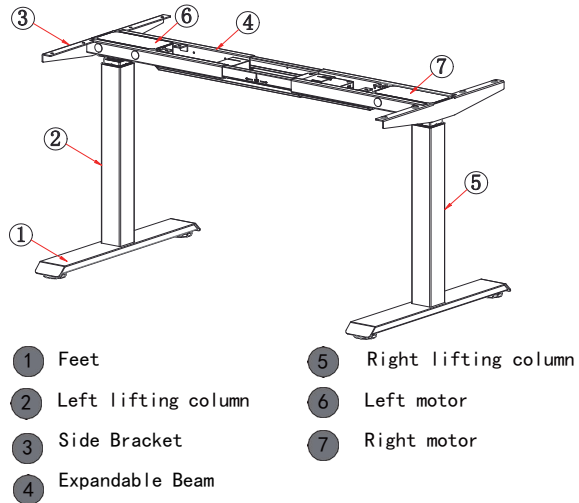
Features	<ol style="list-style-type: none"> 1. 1/2/3 switch with programmable positions with digital height display 2. ISP and Gyro sensor / tilt, easy to change settings 1/8 3. Factory Reset 4. LED lifting height 5. Inductive touch screen button 6. Sedentary reminder function 7. Automatic standby mode after 10 seconds 8. Plug and play
Safeguard	<ol style="list-style-type: none"> 1. Over current protection 2. Over heating protection
Low power consumption	Wide power output: 110-240v for all markets Low standby power 0.1W

2. Product Specifications

Input	100 - 240VAC, 50/60HZ, Max 3A
Output Voltage	Max 32VDC / Max 6A
Number of motors	2
Operating frequency	Working cycle 10%, work 2 minutes, Rest 18 minutes
Certification	CE / UL / Bifma 5.5
Operating temperature	-20°C ~ 50°C
Colour	<input type="checkbox"/> Black / <input type="checkbox"/> White / <input type="checkbox"/> Grey
Desk Width	43" - 67"
Height range	27.5" - 45"
Noise Level	< 50db
Ambient Temperature	-10 ° ~ 45° C

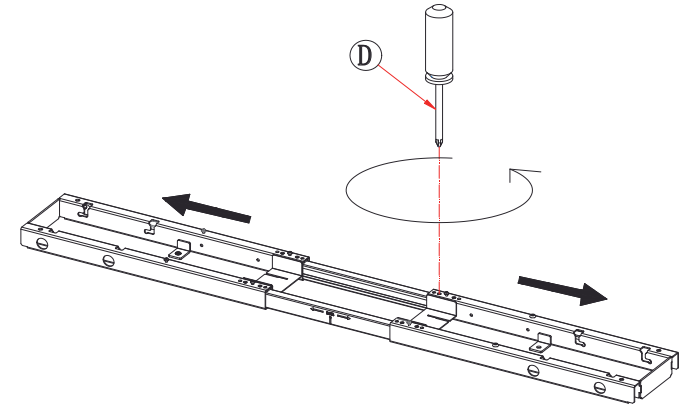
3. Parts and tools

A  Screw (X20)	B  Tapping screws (X14)	C  Allen Key (X1)	D  Hexagon driver (X1)
E  Caps (X8)	F  Cable ties (X8)	G  Feet levellers (X4)	H  Digital Keypad (X1)
I  Control unit (X1)	J  power supply cord (X1)		

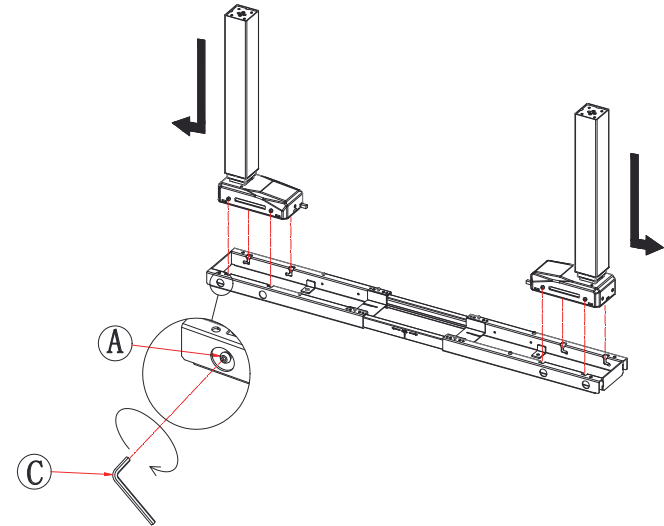


Assembly Instructions step by step

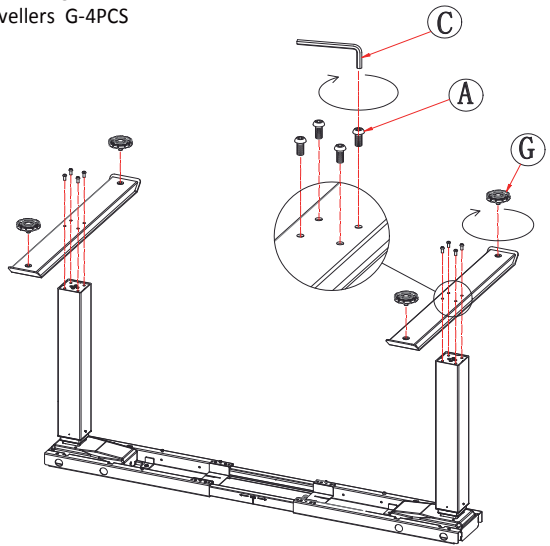
- 1 Loosen the fixing screw 4PCS and extend the cross-rail exposing the mounting holes from left to right.



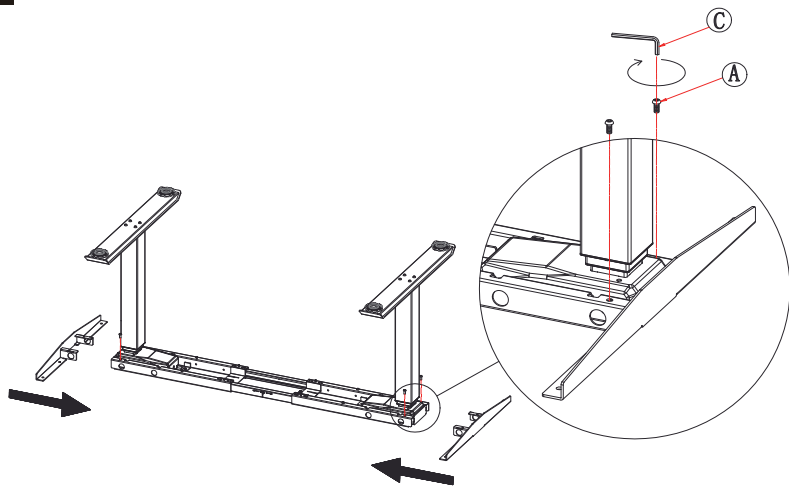
- 2 Mount the leg to each end of the frame as illustrated and fasten tightly using the hexagonal head-screws as shown A-8PCS



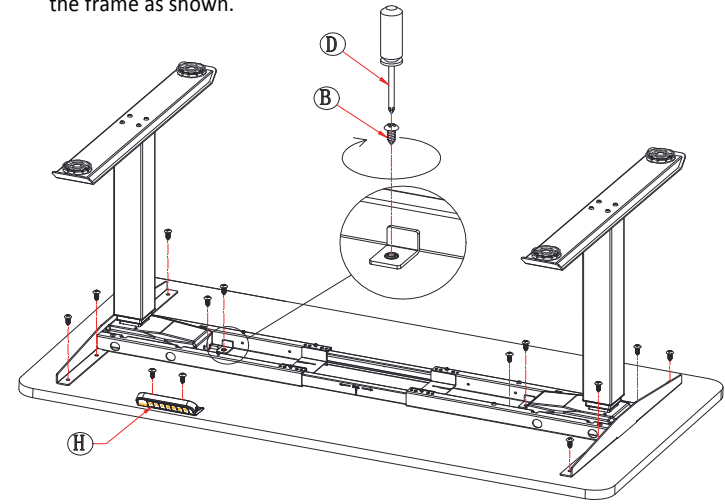
- 3** Secure feet using A-8PCS and foot levellers G-4PCS



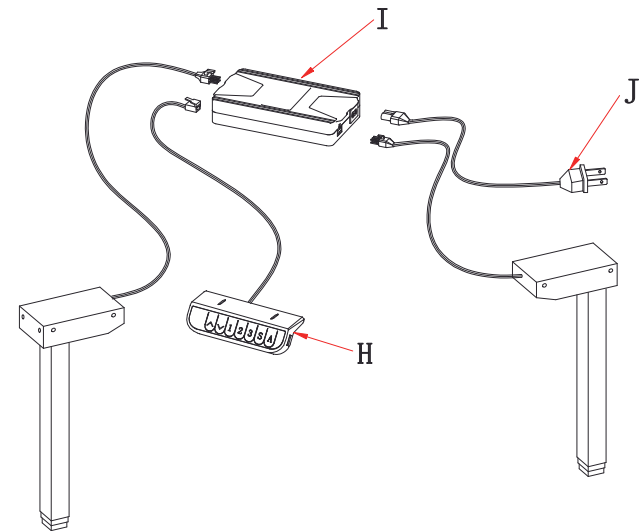
- 4** Attach the left and right side brackets with A-4PCS



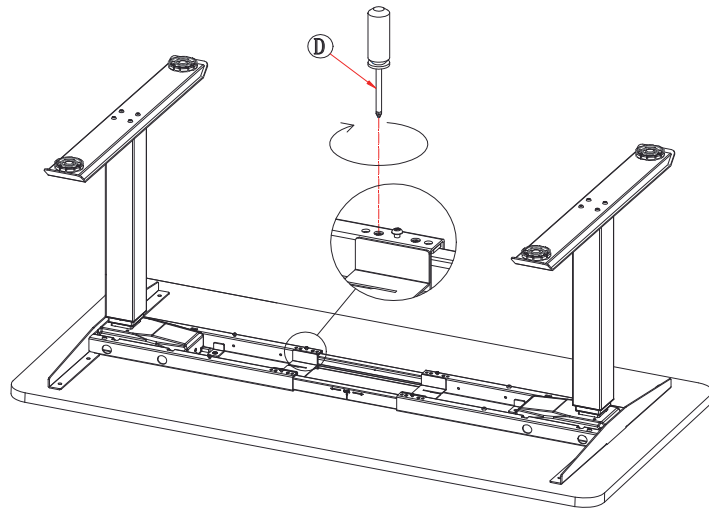
- 5** Install the Keypad controller H-1PCS, and use B-14PCS to affix the entire work surface to the frame as shown.



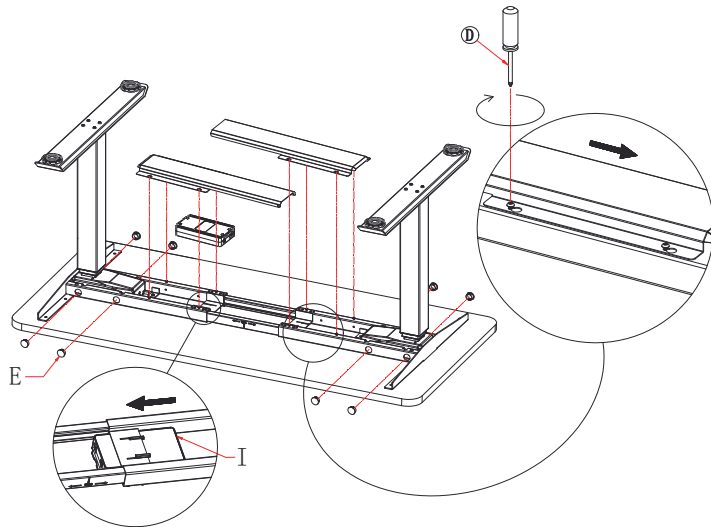
- 6** Install the control unit I-1PCS, Plug in the marked power cord J-1PCS, Digital keypad H-1PCS and motor cord into the control unit as shown in the diagram.



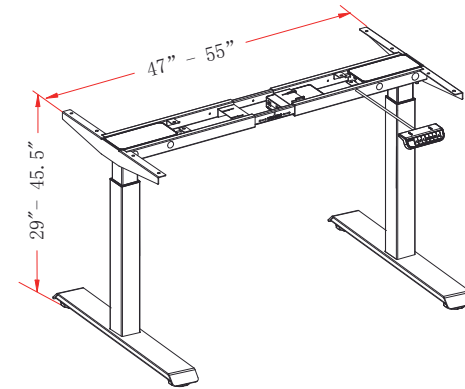
7 Secure the telescopic beam with machine screws-8PCS as shown



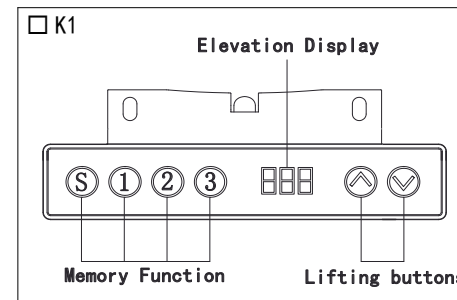
8 Slot in the control box I-1PCS and secure the expandable rail using E-8PCS then affix the cable tray with B-4PCS whilst affixing the covering assembly is complete.



9 Dimension Diagram



5. Control System Instructions



5.The manual operation of the lifting table
The first step must be initialized operation / stroke reset

1. motor stroke reset:

In the "E10, E20" alarm state or after running to the lowest height position, press and hold the key for 3 seconds, and release (Reset), the lifting table will start running downwards and rebound to a certain height, and the reset will display the lowest height.

2. Multi-motor stroke reset:

In the "E10, E20, E60" alarm state or after running to the lowest height position, press and hold the key for 3 seconds, and release (Reset), the lifting table will start to run downwards and rebound to a certain height. The reset will display the lowest height.


1) 1. Lifting


The desk will go up and down when pressing  or , along with the number shown on the height interface changing.




2. Position Invoking and Memory

The following operations are performed under the height display interface.

A. Touch Key Handle





It shows "H1" when pressing , then the desk will run to the sitting position when loosen it.

It shows "H2" when pressing , then the desk will run to the standing position when loosen it.

Press  and loosen it, height interface blinks, then press  and loosen it to save the current height to sitting position at last. Or press  and loosen it to save the current height to standing position at last. It will stop blinking and exit memory mode if there is no numeric key pressed within 6 seconds.


B. Others

Press numeric key to invoke its corresponding height, and the desk will run to the position you invoked automatically.

Press  and loosen it, height interface blinks, then press numeric key (, , ) to save the current height to the corresponding position. It will stop blinking and exit memory mode if there is no numeric key pressed within 6 seconds.

3. Screen Awaken


A. WN18H45 Touch Key Handle


The height interface will be closed after lightening for a long time in order to avoid contacting by mistake. You can long press  to awaken it.

B. Others

The height interface will be closed after lightening for a long time. You can press any key to awaken it.



4. Setup Mode

A. press  3 seconds, handle shows "S--" and blinks.


B. loosen  and press again to enter set up mode, it will display the function name, the function can be listed as the followings:

- Unit of the height displayed on the screen: Unit (Un) ;
- Brightness of the screen : Brightness (br) ;
- On-off state of the beep : Beep (bEE) ;
- Force of the collision protection : Collision Force (CF) ;
- Setting of the use height limitation : Set Height (SH) ;
- Setting of the demonstration mode : Demo (dE) ;

























The function of each key in the setting mode :

 /  Backspace key (back to previous menu)

  Tab switch

 Enter key (enter to next menu or confirm the current operation)

It will exit setting mode if there is no numeric key pressed within 20 seconds

Main menu interface	Sub menu interface	Description	
Un Unit	SI SI Metric	The interface displays last height unit setting after entering. Use  or  to choose the height unit, and press  to confirm and save it.	
	In Inch		
br Brightness	L Low	The interface displays last handle brightness setting after entering. Use  or  to choose the brightness level, and press  to confirm and save it. The system will exit after 2 seconds.	
	n Normal		
	H High		
bEE Beep	OFF Off	The interface displays last buzzer setting after entering. Use  or  to choose the buzzer condition, and press  to confirm and save it. The system will	
	On On		
CF Collision Force	OFF Off	The interface displays last collision force after entering. Use  or  to choose the force condition, and press  to confirm and save it. The system will exit after 2 seconds.	
	L Light		
	n Normal		
SH Set Height	Original ①②	Use  or  to choose the type of height after entering, and press  to confirm and save it.	The interface displays last original height setting after entering. Use  or  to adjust the setting, and press  to confirm and save it.
	L Low ①③		The interface displays last highest limit setting after entering. Use  or  to adjust the setting, and press  to confirm and save it.
	H High ①③		The interface displays last lowest limit setting after entering. Use  or  to adjust the setting, and press  to confirm and save it.

dE Demo It displays PH_ (Password) enter your password to continue later	OFF Off	The interface displays last demo mode setting after entering. Use or to choose demo mode, and press to confirm and save it. The system switches to height display interface if you choose off. Otherwise, the system switches to demo mode interface. Press to start-up and press to stop in demo
	51 2min on, 18 min off	
	52 4min / cycle	
	53 6min / cycle	
	54 10min / cycle	

Note:

- ① Adjustment resolution is 1cm or 0.5inch.
- ② Original height refers to the position after reset, it can be adjusted between -20cm and +20cm (or -8inch and +8inch).
- ③ The highest limit set shall be 20cm or 8inch larger than lowest limit.
- ④ Password is five when using WN18H45 handle.

5. Protection and Warning

A. Block protection: when it displays “E02”, it alarms when desktop in vibration, collision and tilt, auto-clear the alarm after rebounding; or press any key to clear the alarm during rebounding. You should check and ensure that the desk won’t operate in large amplitude vibration, barrier or tilt condition, then try to run again.

B. Overheat protection: when it displays “Hot”, this protection may be launched after running for a long time, you should wait for at least 18 minutes in order to use it again.

C. Motor fault protection: when it displays “E10”, you should check and ensure that the connection between motor and controller is reliable, then power it off and power it on again or press reset to clear it.

D. Overload protection: when it displays “E20”, you should remove some objects on the desktop when it occurs during the rise phase; or if it occurs during the decline phase, power it off and power it on again or press reset to clear it.

E. Undervoltage protection: when it displays “E31”, it alarms when the supply voltage is lower than limit value, you should power it off and power it on again to clear it. Otherwise, it can be auto-cleared after voltage goes to set value.

F. Overvoltage protection: when it displays “E32”, it alarms when the supply voltage is higher than limit value, you should power it off and power it on again to clear it. Otherwise, it can be auto-cleared after voltage goes to set value.

G. Out-of-step protection^①: when it displays “E60”, you should check and make sure the motors of each channel are identical and their connection to controller is reliable, then press reset to clear it.

Note:

- ① Only multi-motor system has out-of-step protection.

6. Stroke Reset

In the condition of “E10, E20 and E60^①” or basic position mode, long press 3 seconds, loosen it until it shows , the desk runs to the bottom and rebounds to certain height, reset finishes and shows lowest position height.

Note:

- ① Only multi-motor system has this condition.

Warranty terms

We provide 1 year warranty service for our products. Starting from the ex work date, for damage caused by non-human factors under normal use conditions within 1 years, user can contact the factory or our agent for free maintenance by showing the maintenance card, invoice or other valid voucher.

■ Please note:

Please fill in the maintenance card correctly and keep the invoice or other valid voucher safe.

If return of product happens, you need to return the full set of product, and when process returning, please make sure it can be sold for the second time.

■ Below cases are not covered by the warranty term:

1. Exceeds the warranty period
2. No support of invoice or valid voucher, fake products
3. Damage caused by not following the user manual
4. Damage caused by human factor, like fall down, soaking water, violent strike, etc.
5. Damage caused by self disassembling or maintenance of the product
6. Damage caused by force majeure.

User Information & Maintenance record

User Name		Address		Contact info	
Model		Purchase Date		Installation Date	
Maintenance Times	Maintenance Date	Maintenance Item	parts Replacement	Signature	
1st					
2nd					
3rd					

