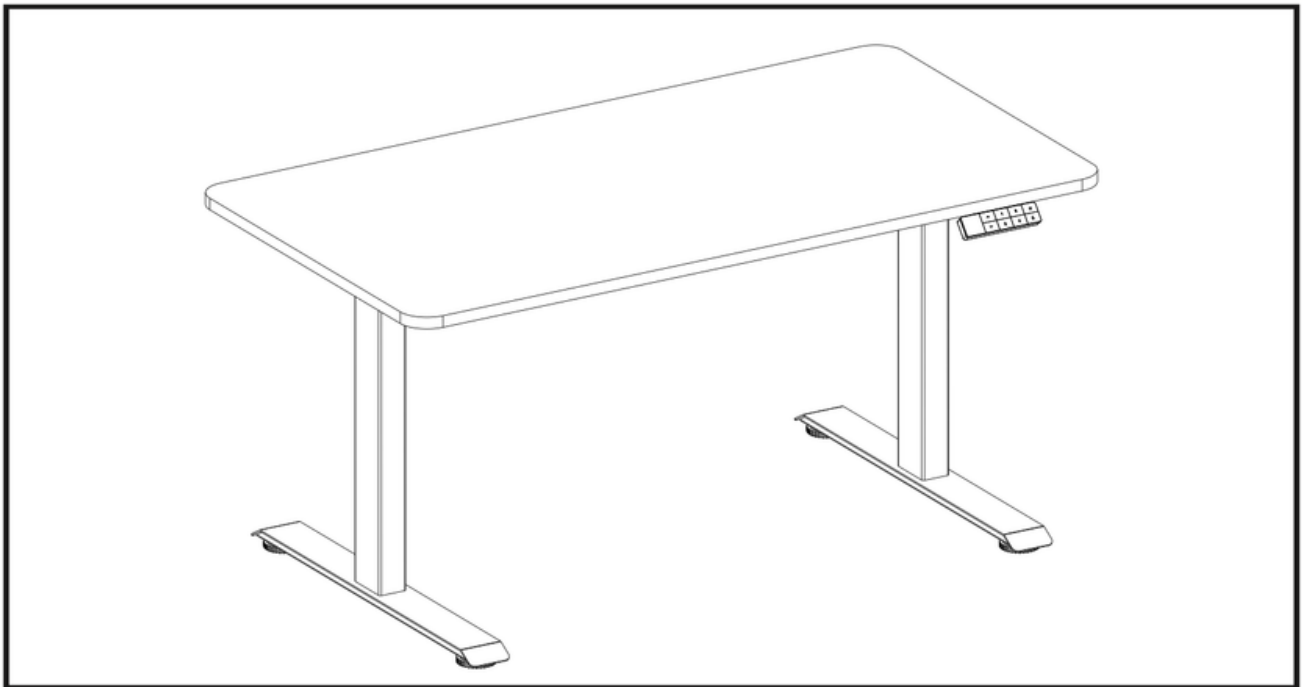




USER GUIDE - ergotune Pro



CAUTION

Make sure no obstacles are in the frame's path and all cords are of appropriate length.

Failure to comply with or observe all assembly, safety and operation instructions and warnings regarding the use of this product may result in serious property damage or bodily injury.

IMPORTANT!

Any user or installer of ergotune Pro must study this manual carefully.



CAUTION:

SAFETY AND WARNINGS

- Inappropriate usage of this product may cause property or bodily damage.
- Check the surroundings on all sides before using the table. Make sure the table is not in contact with a wall.
- Please unplug the power supply when the product is no in use for a long time.
- Make sure NO obstacles are in the table's path and no obstacles higher than 50 mm under the table.
- Keep the work environment temperature at 0 - 40 °C. And keep goods away from corrosive gases, liquids and dusty objects.
- Ensure the length of power cords has sufficient length when operating the table. Monitors, computers, speakers, and anything with a cord that is not long enough for the frame's range of motion could be pulled down.
- Please provide this operation manual to any users, installers, or support personnel operating the product. Read relevant operating instructions before usage. The company does not take any responsibility for damage caused by inappropriate usage of the product.

USAGE

- This table frame allows independent adjustment of its height based on the user's ergonomic preferences. It is designed only for the purposes included in this manual. They should not be used in environments with high humidity or dampness. Any other usage or purpose is at the user's risk.
- Do not move around, crawl or lie under the table frame. Do not sit or stand on the table frame.
- Liability: Under no circumstances does the manufacturer accept warranty claims or liability claims for damages caused by improper use or handling of the table frame.

SETUP AND INSTALLATION

- Once the table has been assembled, make sure the table is level with the ground.
- After this, connect the table to the 110v or 240v outlet to start using. Check that no cables are jammed.
- Position the table at a safe distance from window frames, furniture, etc. This is to ensure that no items get stuck or trapped by the table.
- Do not place any objects that are taller than 50cm underneath the table.
- When shifting the table, make sure the frame is at its lowest height and carry both sides of the table.

1.Component List

Tools Required

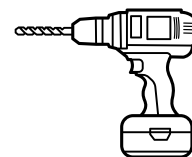


3mm
Allen
Key



4mm
Allen
Key

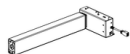
OR



Power Drill

Components

1



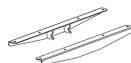
Motor Leg x 2

2



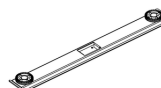
Frame Bar x 1

3



Side Bracket x 2

4



Footbase x 2

5



Magnetic Cable Tray x 1

6



Hanger x 1

7



Power Adapter x 1

8



Handset x 1

9



Wires x 3

Hardware

A

A1



Qty: 8
M6x14
Screws

A2 (N/A)



Qty: 10
M5x18
Screws

B1



Qty: 2
M4x14
Screws

B

B2 (N/A)



Qty: 2
M4x16
Screws

C



Qty: 8
M6x16
Screws

D



Qty: 1
Sleeve

E



Qty: 1
Glue
Pad

F



Qty: 4
Cable
Clips

G

G1



3mm
Allen
Key

G2



4mm
Allen
Key

H

Spare Screw



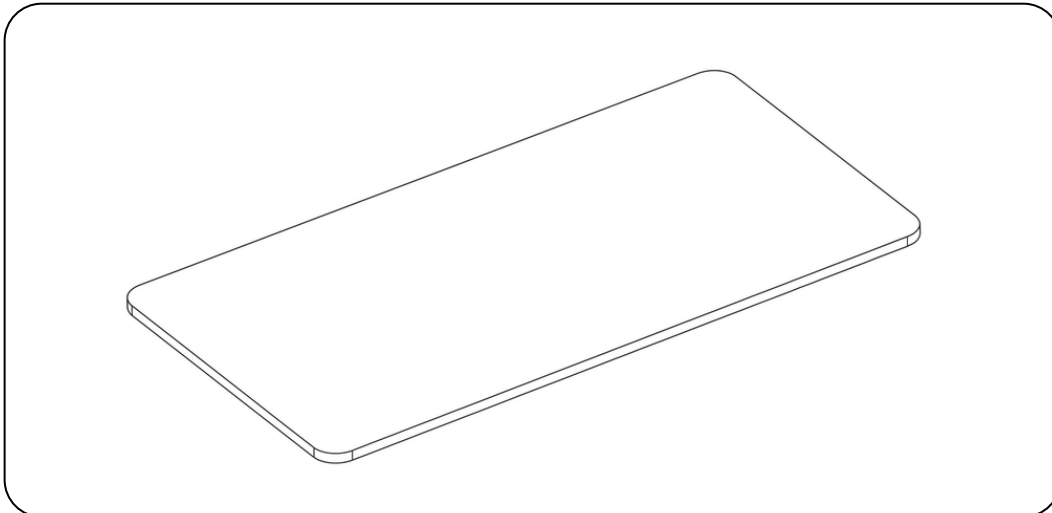
Qty: 2
M6x14
Screws

2. Assembly Instructions

1

Preparing for Assembly

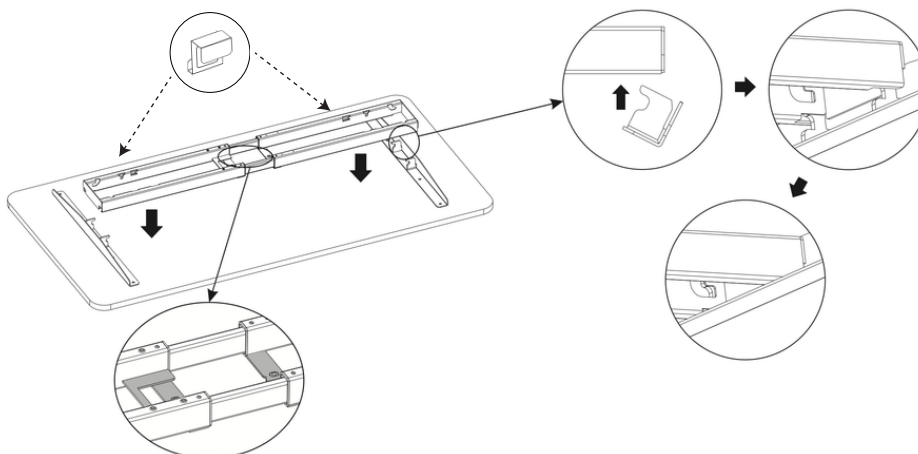
- Ensure you have all the parts and tools required before starting.
- Assemble on a flat, stable surface.
- Lay table top flat on the floor with foam at the bottom
- You may need at least two people to safely complete some steps



2

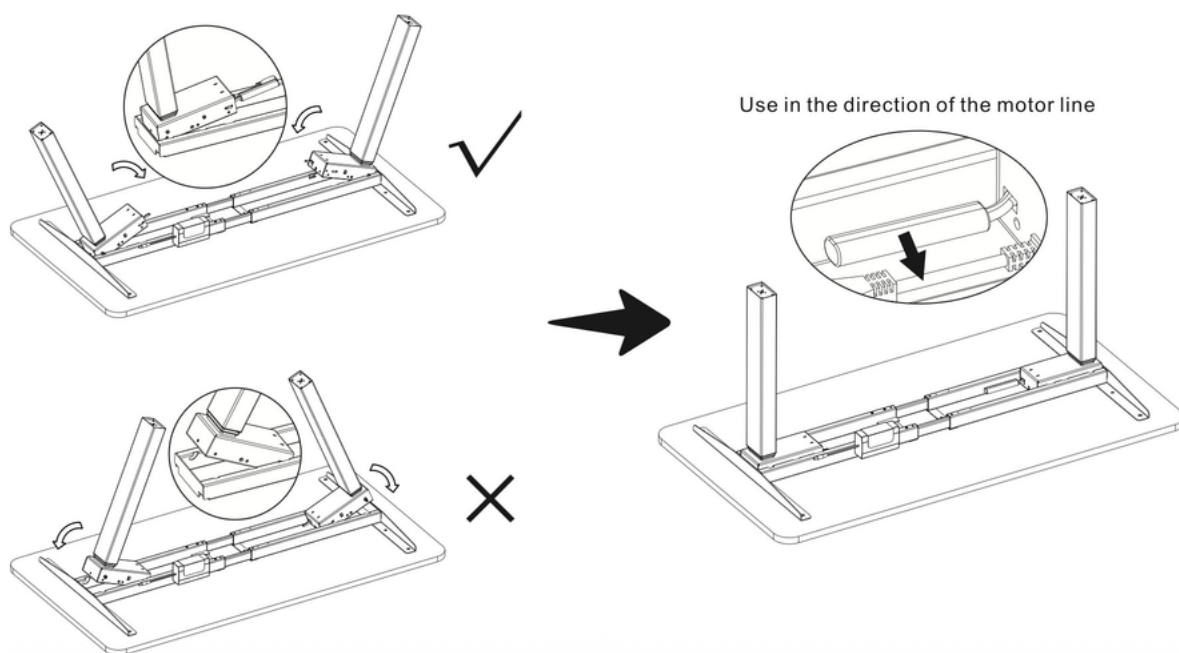
Attach Side Bracket & Installing Frame Bar

- Remove all attached rubbers on the side bracket **(3)**.
- Align the side bracket **(3)** to the holes on left & right of tabletop.
- Use 8 x M6x14 **(A1)** and half drill the screw into the wood insert.
- Ensure both side brackets **(3)** are flushed towards one direction before tightening the screws.
- Place the frame bar **(2)** on top of the tabletop.
- Loosen all 8 screws on the frame bar **(2)** & extend it to fit the side bracket.
- Slot in the hanger **(6)** - to be at the same side where you want your handset **(8)** to be placed at.
- Slot in the frame bar **(2)** to the side bracket **(3)**.
- Tighten all 8 x screws on frame bar **(2)**.



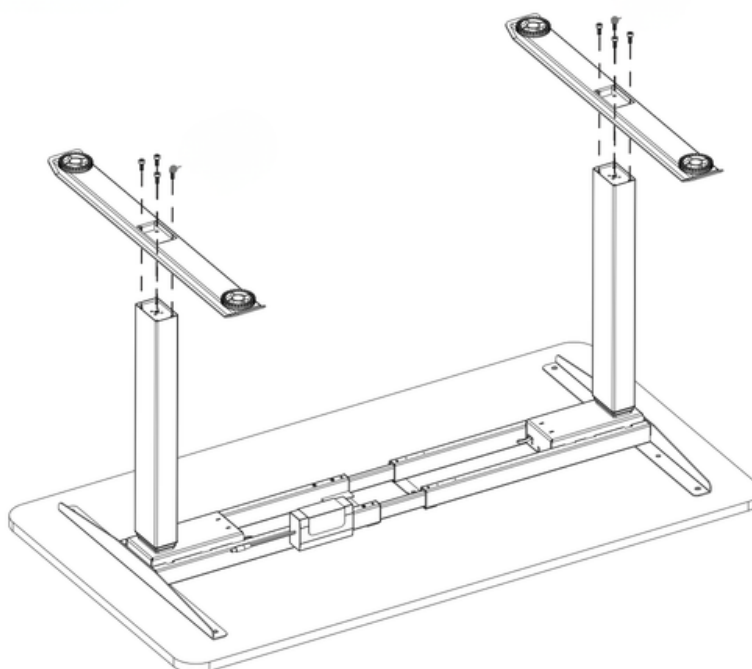
3 Attach Motor leg to Frame

- Slot in motor leg (1) to the frame bar (2) for both Right & Left.
- Use the sleeve (D) to pull up the lever & press the motor leg (1) to the frame bar (2).



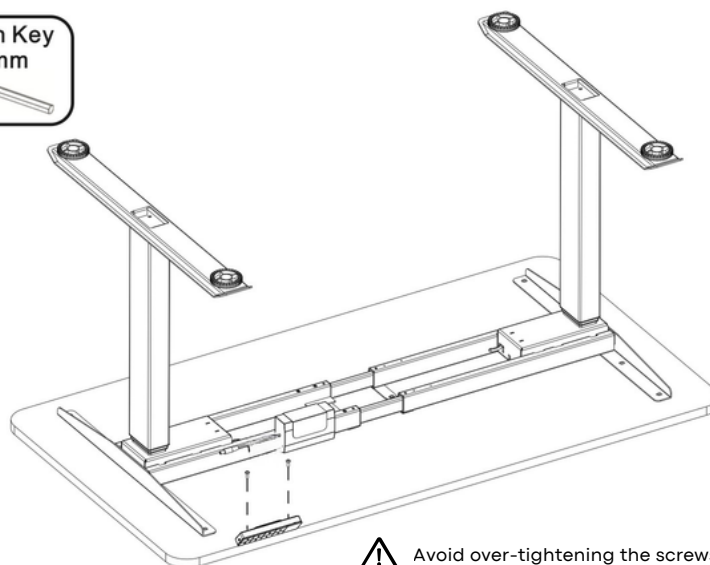
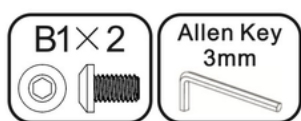
4 Attach Footbase

- Attach footbase (4) to the motor leg (1) for both left and right side.
- Use 8 x M6x16 (C) screws to tighten the footbase (4) and motor leg (1).



5 Attach handset

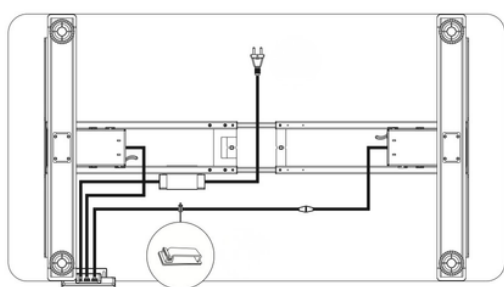
- Align handset (8) to the side where the hanger (6) is positioned.
- Use 2 x M4x14 (B1) screws to tighten the handset (8) to the tabletop



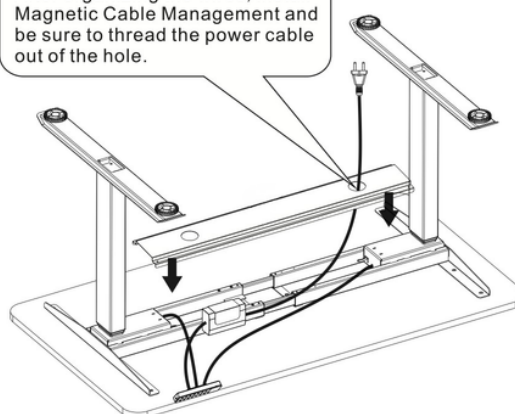
⚠ Avoid over-tightening the screws to damage the tabletop

6 Connect cables

- Connect the line pulled from motor leg - right (1) to handset (8) interface 1.
- Connect the line pulled from the other motor leg - left (1) to handset (8) interface 2.
- Connect the outgoing lines from the handset (8) to Power Adapter (7)
- Run through the wires over the magnetic cable tray (5) [1.2m table]



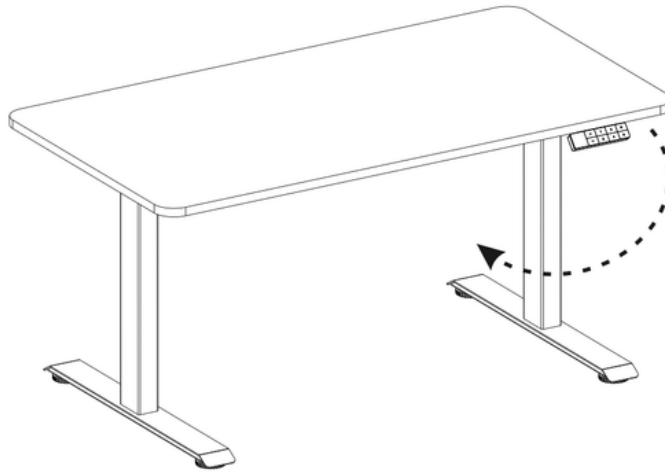
After organizing the wires, install Magnetic Cable Management and be sure to thread the power cable out of the hole.



7

Flip the table and connect power cord to power supply

- Flip the table over [with at least 2 person]
- Plug the power cord to an electric point



NOTE: Grab the table by the side frame and flip the table right-side up.

8

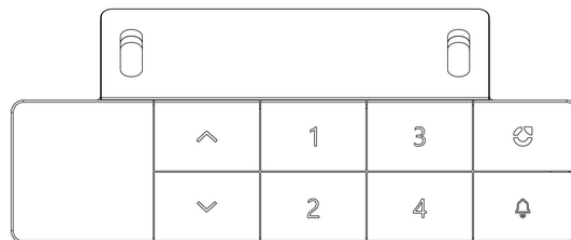
Initialise

- Press "↓" until the table reaches the lowest height.
- Press "↓" and hold for 5 seconds until there is a beep sound heard and the table moves slightly upwards, the table reset is successful.
- Your ergotune Pro is ready to use.



You must complete this initialisation step or your ergotune Pro will not function properly.

3. Operating Manual



• Reset

 Reset after the initial installation or power failure

1. 
 - When the system is abnormal, or the hand controller displays "RST", the table will require a reset.
2.  
 - Press and hold the "↓" key to lower the des to the lowest height, release and press the "↓" key until the display shows RST and a beep sound is heard, and the display shows "60"
3. 
 - Release the "↓" key, the reset is successful at this time and the table can be used normally.

• Note: During all reset processes, the anti-collision system will fail at this time. Please ensure that there are no obstacles near the table during the reset process to prevent any damage.

• Up and Down

1. 
 - Press "↑" key to ascend the height of the table.
2. 
 - Press "↓" key to descend the height of the table.

• Memory Presets

1.  
 - Ascend or descent to your desired height.
2. 
 - Press and hold the  key until show "S-"
3. 
 - Press THE "1" key to complete the setting of the 1st memory.
(" 2~4 key" are the same as above)

• Timer Setting

1. 
 - Press "🔔" buttons and press "↑" and "↓" buttons to adjust scheduled reminders.
When screen display small dot, reminder is set successfully.

• Anti-collision protection

- When the tabletop encounters an obstacle in the process of ascending or descending, it will immediately rise or fall in the opposite direction.
- The tabletop runs in reverse for some distance and works normally after removing the obstacle.

• Minimum and maximum limit setting

 Do not set this function unless necessary

1.  
 - Hold the " + "↓" button at the corresponding height for 5 seconds, then you will hear the buzzer sound, indicating that the lowest position is successfully stored.
2.  
 - Hold the " + "↓" button for 5 seconds, at this time you will hear the buzzer sound, indicating that the lowest position storage is cancelled.
3.  
 - Hold the " + "↑" button for 5 seconds, at this time you will hear the buzzer sound, indicating that the highest position stored successfully.
4.  
 - Hold the " + "↑" button for 5 seconds, at this time you will hear the buzzer sound, indicating that the lowest position storage is cancelled.

Note:

- By applying this function to adjust the movement limit position of the table top.
- Once set, the new lowest position and highest position will be archived.
- Hearing the buzzer sound indicates that the highest and lowest position is cancelled.

• Child Lock Setting

1.  
 - Locking: Hold "↑" and "↓" buttons for 5 seconds at the same time, when the digital tube shows "LOC". It means the child lock is activated and no height adjustments to the table can be made.
2.  
 - Unlock: Hold "↑" and "↓" buttons for 5 seconds at the same time, when the digital tube is displayed "LOC" to normal digital display. It means the child lock is deactivated.

Error Messages on the handset's display

Displayed error message	Possible cause	Solution
E01	The main power supply voltage is too high	Check the main power supply
E02	The height deviation between the screw rods exceeds 1cm	Reinitialize
E03	The controller is not connected	Connect to the controller
E04	Hand controller communication error	Check the wire of the manual controller
E05	Backward when encountering obstacles	Place the control box flat or remove obstacles
E06	The main power supply failed to start successfully	Replace the main power supply or check the main power supply connection cable
E07	Protection during the operation of the main power supply	Power on again
E08	Tilt the desktop when running	Reinitialize
Hot	The power supply temperature is too high	Wait for the power temperature to decrease, turn off the power or rest for 18 minutes before running again
E11	Motor 1 is not connected	Check the connecting wires
E12	Motor 1 current sampling channel error	Replace the control board
E13	Motor 1 is missing phase, and some phase lines are disconnected	Check if the motor has abnormal phase wire connections
E14	Motor 1 Hall error, or Hall wire disconnected	Check the Hall signal or replace the connecting wire
E15	Motor 1 internal short circuit	Replace the motor
E16	Motor 1 is stuck in rotation	Reinitialize
E17	Motor 1 is running in the wrong direction	Swap the motor wire or Hall wire
E18	Motor 1 is overloaded due to excessive load	Reduce load
E21	Motor 2 is not connected	Check the connecting wires
E22	Motor 2 current sampling channel error	Replace the control board
E23	Motor 2 is missing phase, and some phase lines are disconnected	Check if the motor has abnormal phase wire connections
E24	Motor 2 Hall error, or Hall wire disconnected	Check the Hall signal or replace the connecting wire
E25	Motor 2 internal short circuit	Replace the motor
E26	Motor 2 is stuck in rotation	Reinitialize
E27	Motor 2 is running in the wrong direction	Swap the motor wire or Hall wire
E28	Motor 2 is overloaded due to excessive load	Reduce load
E40	Controller disconnection in series	Check the connecting wires
E41	There is an error in the serial signal	Check the connecting wires or replace the controller
E42	Memory error	Replace the controller
E43	Encounter obstruction and stop sensor error	Replace the controller