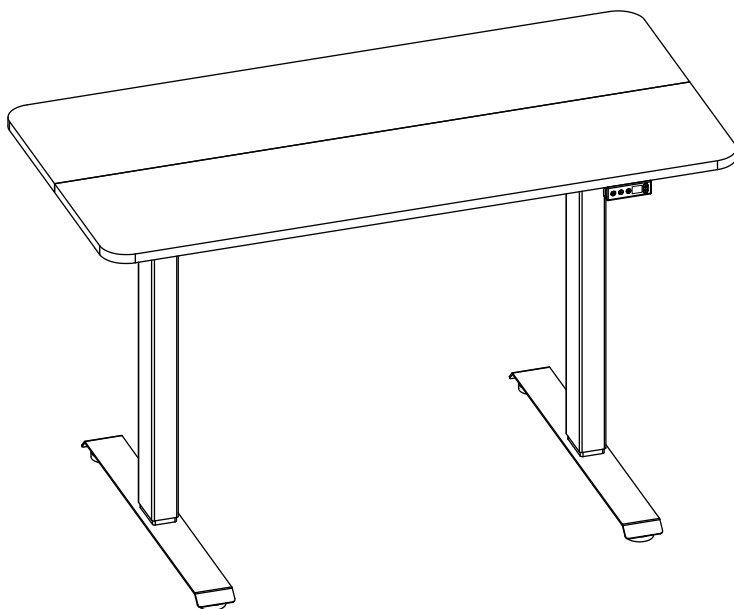# ErGear

Electric Standing Desk
Instruction Manual

V2.0

Model: EGESD3

Thank you for choosing this ErGear product! At ErGear we strive to provide you with the best quality products and services in the industry. Should you have any issues, please don't hesitate to contact
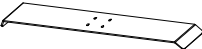
Technical Support:
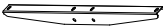1–800–651–9525 Mon–Fri 8am – 8pm(PST) (USA) (CAN)

Specification

Desk Top Dimensions: 47.2 in.(120cm)	
2 Height Position Memory	
Vertical Range: 28.3 – 47.2 in.(72–120cm)	

Power Input 110V–240V

Max.Speed 25 mm/s

Motion Noise <55dB

Load Capacity 176 lbs / 80 kg

Supplied Parts and Hardware for Step 1

Right Table Leg
01 (x1)

Left Table Leg
02 (x1)

Crossbar
09 (x1)

Leg Base
05 (x2)

Bolt
M8×47 mm
A (x4)

13/64 in.(5mm)
Large Allen Key
F (x1)

Bolt
M6×35 mm
C (x8)

Foot
H (x4)
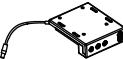
Supplied Parts and Hardware for Step 2

Side Plate
03 (x2)

Transmission Rod
04 (x1)

Bolt
M6×10 mm
B (x4)

5/32 in.(4mm)
Medium Allen Key
F (x1)

5/64 in.(2mm)
Small Allen Key
F (x1)

Rubber Pad
I (x10)
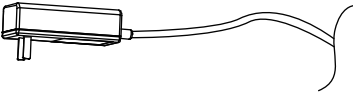
Supplied Parts and Hardware for Step 3

Desktop
07 (x2)

Tabletop Connector
08 (x3)

Screw
M5×16 mm
D (x22)

Supplied Hardware for Step 4

Controller
06 (x1)

Screw
M4×15 mm
E (x4)

Supplied Parts for Step 5

Wall Plug Power
10 (x01)

Cable Clip
11 (x02)

Step 1 | Assemble the Crossbar and Leg Bases to the Table Legs

09

02

01

A

F Large Allen Key
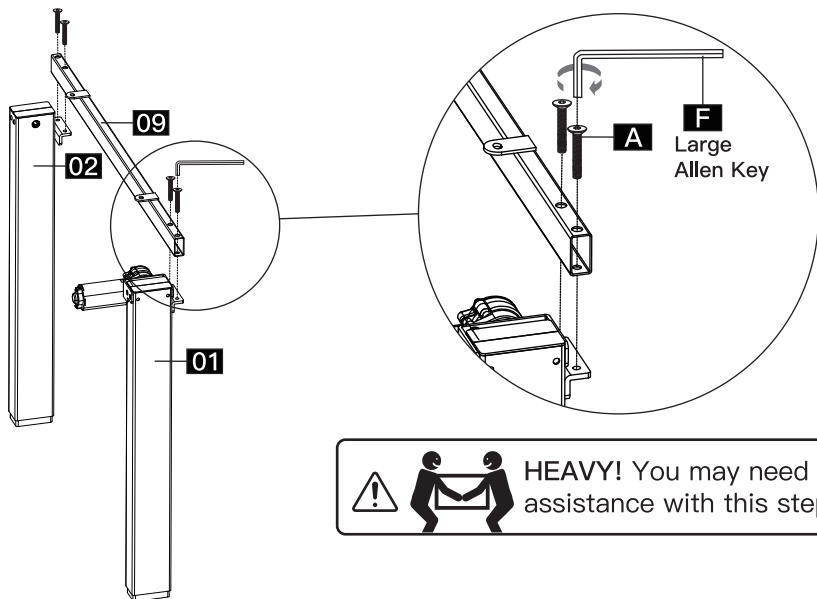
⚠ HEAVY! You may need assistance with this step.

05

F Large Allen Key

C

H
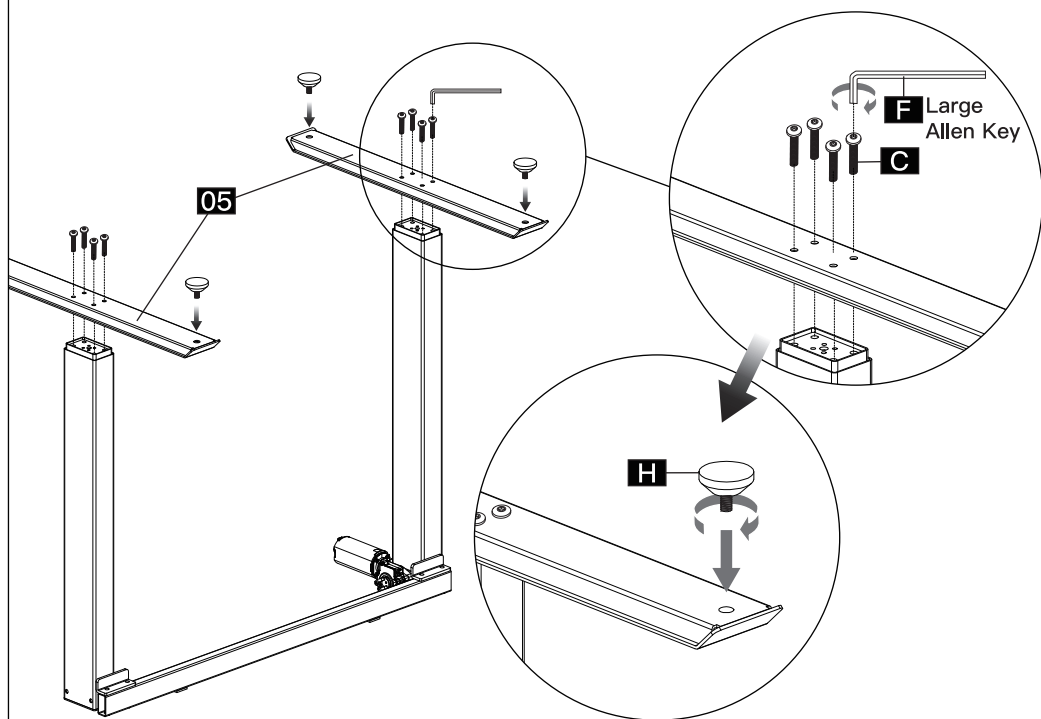
Step 2 — Secure the Side Plates and Transmission Rod to the Table Legs

03 B

F
Medium
Allen Key

① Loosen the knob [K]

K

② Insert the transmission rod into the hex hole and turn the transmission rod anti-clockwise until the left leg goes to the lowest position.

04

③ Insert the other end of transmission rod to the slot on the leg (You may rotate the rod slightly for better installation).

F
Small Allen Key

Secure the transmission rod to the slot by tightening the pre-assembled set screw using the small Allen key.

Left Leg

④ Tighten the knob [K].

K

⑤ Insert the rubber pads

I

| Step 3 | Secure the Desktop to the Stand |

Phillips
Screwdriver
[Not Included]

07
07
08 D
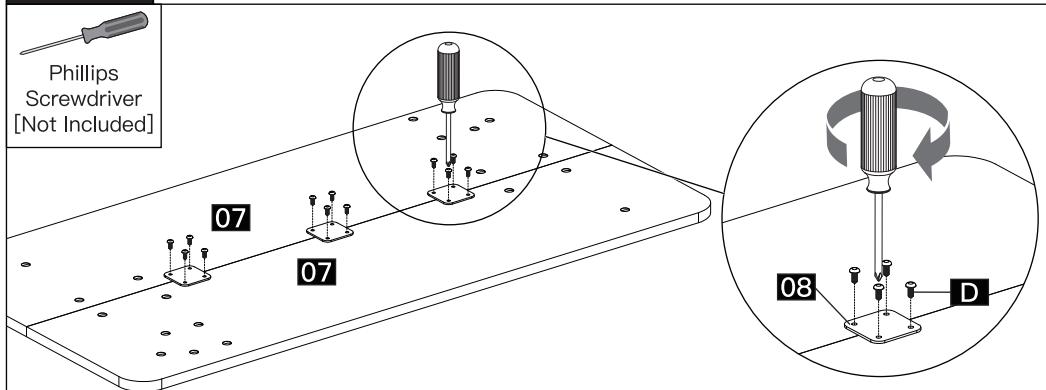
Phillips
Screwdriver
[Not Included]

D

| Step 4 | Install the Controller to the Bottom of Desktop |

E
06

Step 5 | Connect the Cables

Cable Management

① **06**
10
②
10
11
06

③

Connect power

5-1 Connect the wall plug power [10] to the port of the controller [06]

06
④

5-2 Insert the pre-assembled cable on the table leg to the port of controller [06]

Controller Introduction

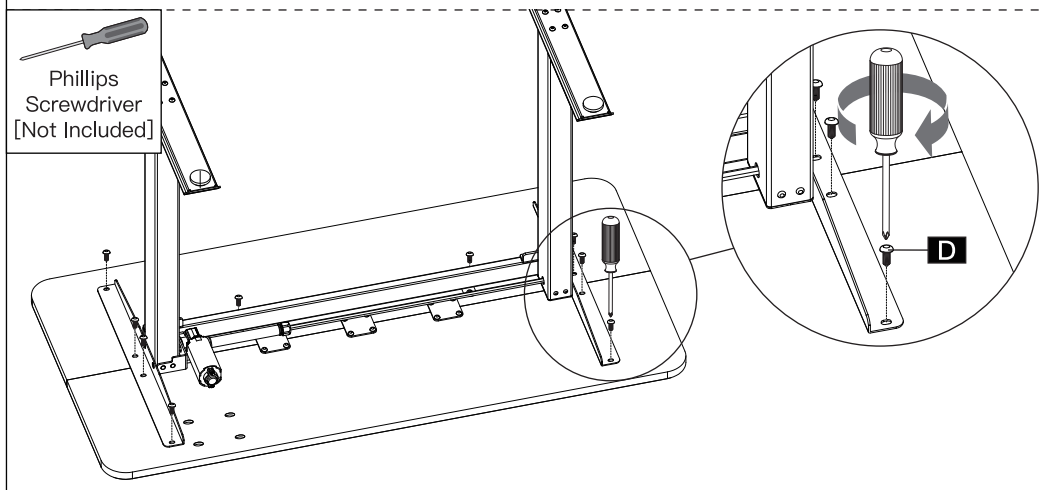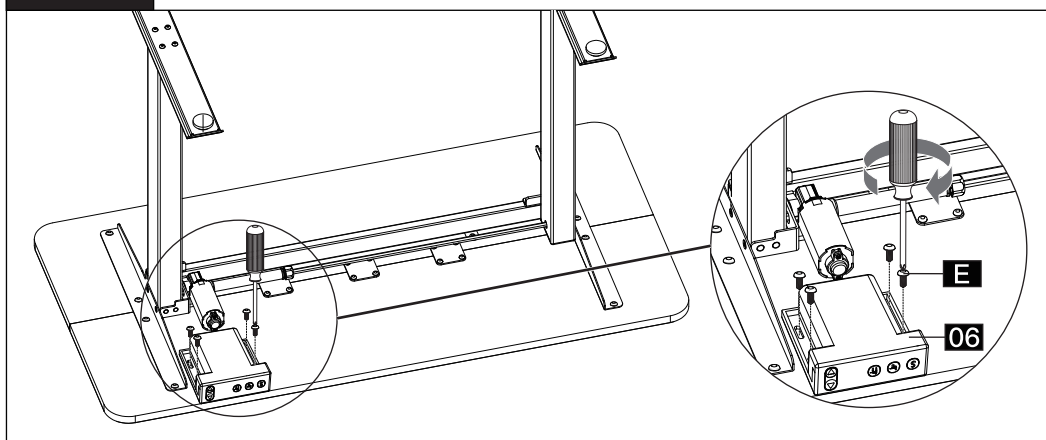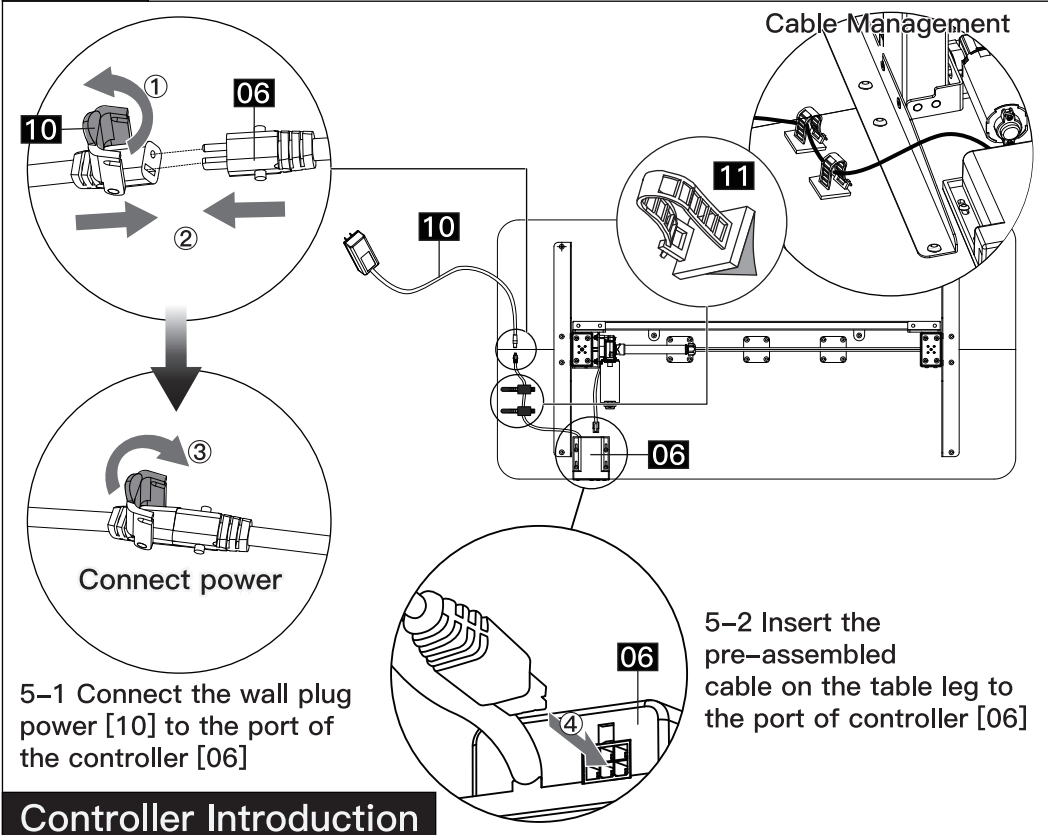|	
⌃	Short press the button, the unit will lift 0.39in.(1cm). Long press the button, the unit will continuously lift unless it reaches to the highest position of 47.24in. (120cm) or release the button.
⌄	Short press the button, the unit will lower 0.39in.(1cm). Long press the button, the unit will continuously lower unless it reaches to the lowest position of 28.35in. (72cm) or release the button.
S	Press up or down button to adjust the unit to your desired position. Then press the [S] button to save the height.
🪑	When you adjust the unit to you comfortable sitting position, you can press the [S] button to save the height, press the 🪑 button, the screen will shortly show [H1], it means unit will memorize the height you saved. The unit will automatically move back the height you saved if you press the 🪑 button.
🧍	When you adjust the unit to you comfortable standing position, you can press the [S] button to save the height, press the 🧍 button, the screen will shortly show [H2], it means unit will memorize the height you saved. The unit will automatically move back the height you saved if you press the 🧍 button.
⌄	Long press ⌄ for 5 seconds, and the screen will show RES. Keep pressing and the desk will go down to the lowest position and rebound a bit. Reset finished showing basic height.

Engineering Mode

Change Displayed Unit (Un)	Long press the ⑤ button, "S--"shows and flashes. Press ⑤ again and the display shows "Un". Press ⑤ to select. Press ⌃ or ⌄ to switch between"IN"(metric) or " SI " (imperial). Press ⑤ to save your choice.
Change Brightness (br)	Long press the ⑤ button, "S--"shows and flashes. Press ⑤ again and the display shows "Un". Press ⌃ or ⌄ to switch to "br". Press ⑤ to select. Press ⌃ or ⌄ to switch between Low (L), Normal (n) or High (H) brightness. Press ⑤ to save your choice.
Collision Force Detection (CF)	Long press the ⑤ button,"S--"shows and flashes. Press ⑤ again and the display shows "Un". Press ⌃ or ⌄ to switch to "CF". Press ⑤ to select. Press ⌃ or ⌄ to switch between "OFF", Low (L), Normal (n) or Heavy (H) collision force detection. Press ⑤ to save your choice.

Protection Mode (auto lock screen mode)

|	
Over-heating protection	Hot: It alarms when continuously working for 2 minutes. Re-powered on and waiting for at least 18 minutes before height adjustment.
Sensorless alarm	E10: It alarms when motor sensor can't be detected. Power off first. Check the connecting of motor and control box, and then re-power on.
Overload protection	E20: Overload alarm. If alarming when desk going up, remove the stuff on the desk and try again. If alarming when desk going down, power off first, remove the stuff on the desk and re-power on.
Rebound protection	E02: It alarms when vibrated, collided or inclined in desk moving. Check if there is vibrating, obstacles or incline. If no issues above, do the reset process and use it again.
Overvoltage alarm	E32: It alarms when voltage is higher than required value. Power off first. Check whether the connection between power and control box is OK. Power on again.
Undervoltage alarm	E31: It alarms when voltage is lower than required value. Power off first. Check whether the connection between power and control box is OK. Power on again.
Step out alarm	E60: It alarms when height difference between left leg and right leg exceeds the set value.Power off first. Check whether the left leg and the right leg are in the same height. If not, re-redo process 4 to make them in same height. Power on again.
Breaking protection	It stops and enters protection state when motor lines or manual control lines are removed or disconnected accidentally; back to normal after reconnected and alarm cleared.

# How to Solve the Problem of Different Heights of Two Table Legs
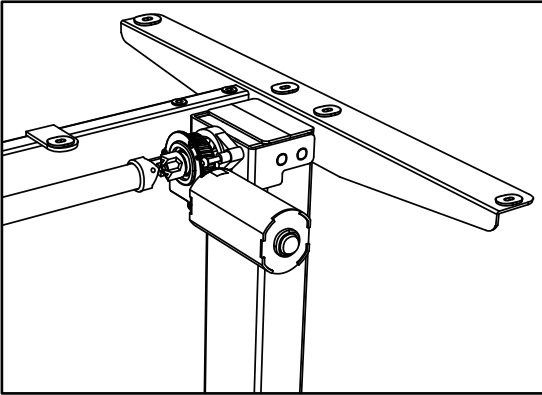
Step 1. Measure whether the height of the two table legs are the same using a measuring tape before installation.

⚠ Install Transmission Rod: Please fine–tune the transmission rod.

Turn anti–clockwise

① ②
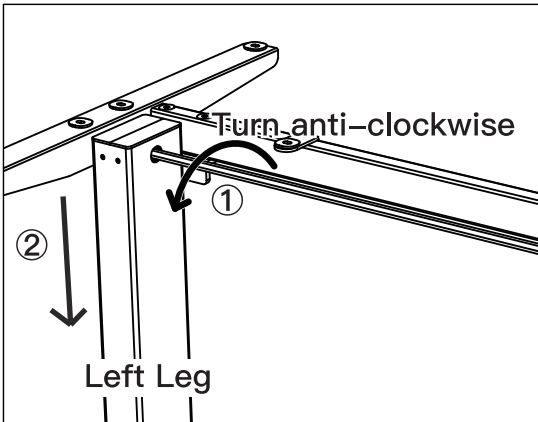
Left Leg

Step 2. If the height of left table leg is higher than the right table leg, insert the transmission rod into the hexagonal hole of the left leg, then rotate the transmission rod anti-clockwise to fine-tune the left leg to make the left table leg as high as the right table leg.

Turn clockwise

① ②

Left Leg
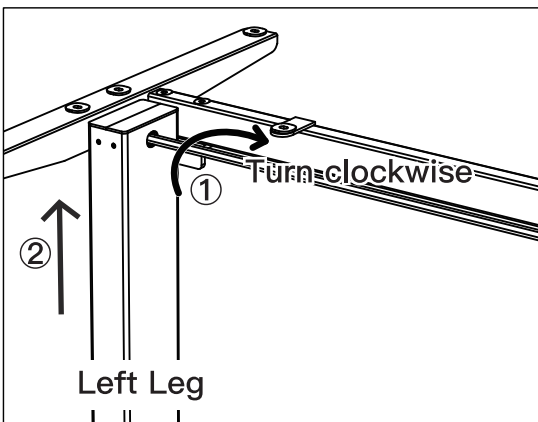
Step 3. If the height of the left table leg is lower than the right table leg, insert the transmission rod into the hexagonal hole of the left table leg and rotate the transmission rod clockwise to fine-tune the left table leg to make the left table leg as high as the right table leg.