Controller Operation

⌃⌃	Press ⌃⌃ to elevate desk height
⌄⌄	Press ⌄⌄ to lower desk height
1	Press 1 until 1 appears, the desk adjusts to the corresponding height stored in memory 1.
2	Press 2 until 2 appears, the desk adjusts to the corresponding height stored in memory 2.
3	Press 3 until 3 appears, the desk adjusts to the corresponding height stored in memory 3.
4	Press 4 until 4 appears, the desk adjusts to the corresponding height stored in memory 4.
M	Memory Button, used to enter save height function.
Memory Position	Press M Button Once the display flashes, press and hold the corresponding number button you want to save to. H(number key) appears in display. Release button to save and display current height.
Reset	Long press ⌄⌄ for 5 seconds, display shows RES. Continue to hold button until desk is at lowest height then rebounds slightly. Release button to finish reset and display height.

Protection mode (auto locks desk for protection)	
Over-heating protection	Hot: Displays when continuously working for 2 minutes. Re-power on and wait for at least 18 minutes before adjusting height.
Sensorless alarm	E10: Displays when motor sensor can't be detected. Power off first. Check the connections between each monitor and control box then re-power on.
Overload protection	E20: Overload alarm. If displaying when desk is going up, remove objects on the desk and try again. If displaying when desk is going down, power off first, remove objects on the desk and re-power on.
Rebound protection	E02: Displays when vibrated, collided or inclined when desk is moving. Check if there is environmental vibration, obstacles or incline. If no issues above, do the reset process and use it again.
Overvoltage alarm	E32: Displays 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: Displays 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: Displays 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 the same height. Power on again.
Breaking protection	Desk stops and enters protection state when motor lines or manual control lines are removed or disconnected accidentally; returns to normal after reconnected and alarm cleared.

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

Electric 3 Leg Corner Standing Desk Frame

AVLT-MT30-1
AP4-0085C

- **Desktop Dimensions:**
  112 - 165cm / 44" - 64.9"
  130 - 180cm / 51.1" - 70.8"
- **4 Height Position Memory**
- **Vertical Range:**
  72 - 120 cm / 28.3" - 46"

Power Input
110V-240V

Speed
0.98 inch/s
25 mm/s

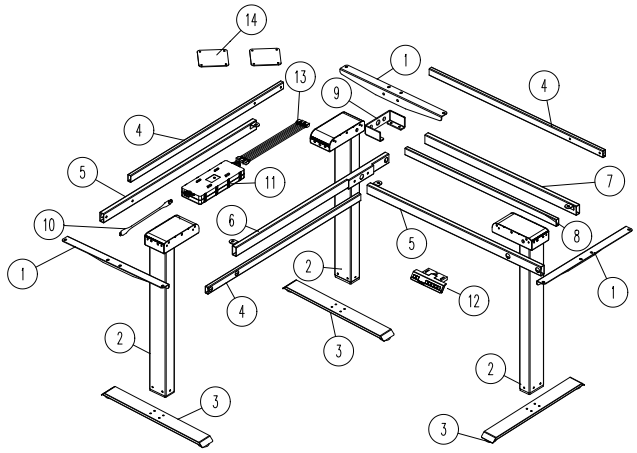
Motion Noise
＜55dB

Load Capacity
264 lbs / 120 kg

CAUTION: DO NOT EXCEED MAXIMUM LISTED WEIGHT CAPACITY.SERIOUS INJURY OR PROPERTY DAMAGE MAY OCCUR!

If you have any questions or concerns about this product.
Please feel free to email us at support@avlab.com.tw

COMPONENT LIST

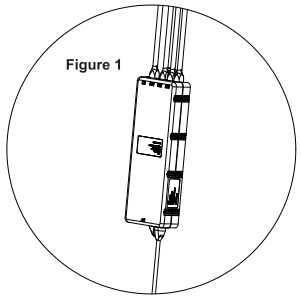


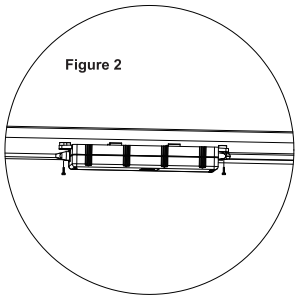
1 Side Plates (x3)	2 Table Leg (x3)	3 Leg Base (x3)
4 Crossbar (x3)	5 Crossbar (x2)	6 Crossbar (x1)
7 Crossbar (x1)	8 Crossbar (x1)	9 Connector (x1)
10 Power cord (x1)	11 Controller box (x1)	12 Controller (x1)
13 Connection lines (x3)	14 Tabletop Connector (x2)	

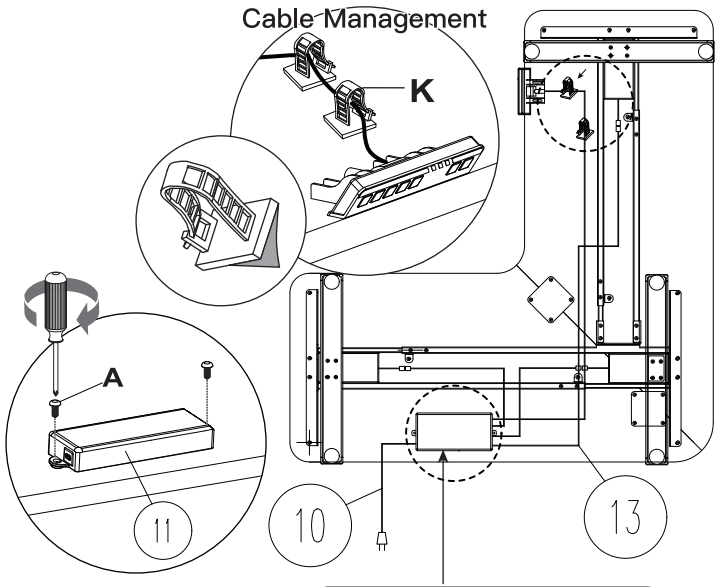
Step 5 Assemble the controller

Figure 1: If the controller suspends in mid air, safety mechanisms will stop the desk from continuing to operate.

Figure 2: The controller must be fixed on a horizontal flat surface before operating.

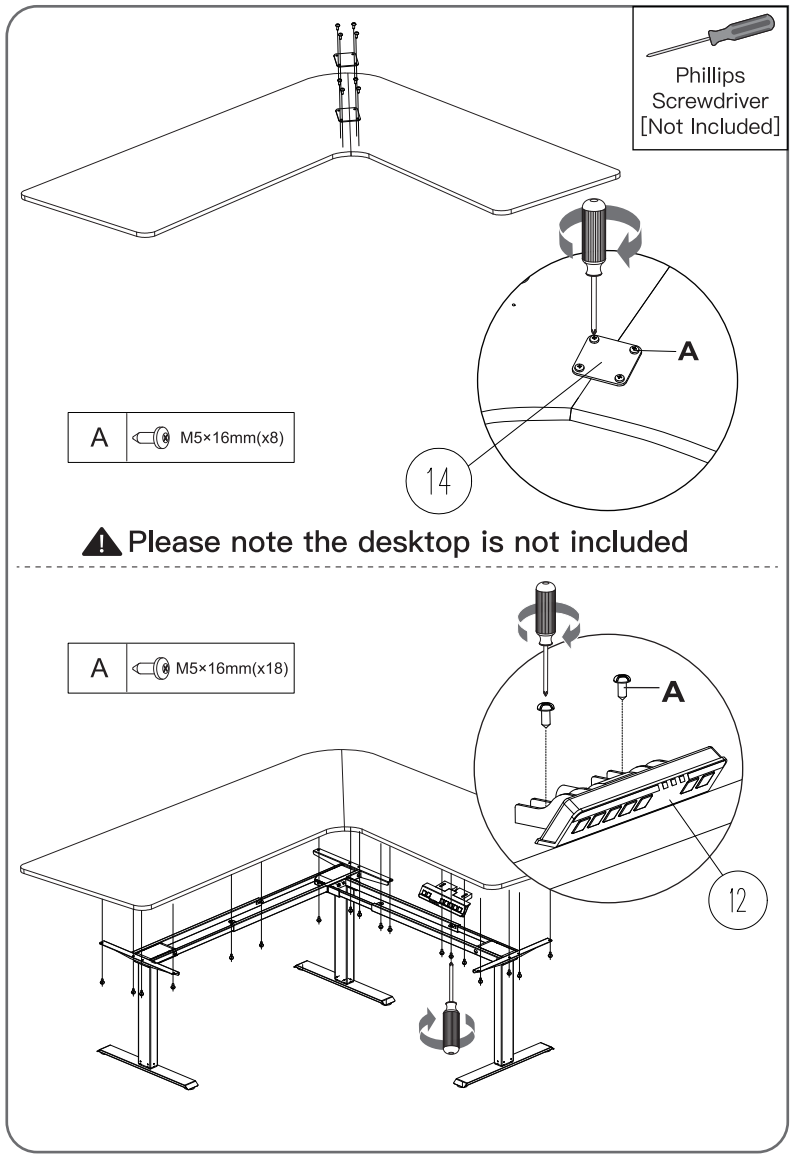






K	Cable Clip (x8)
A	M5×16mm(x2)

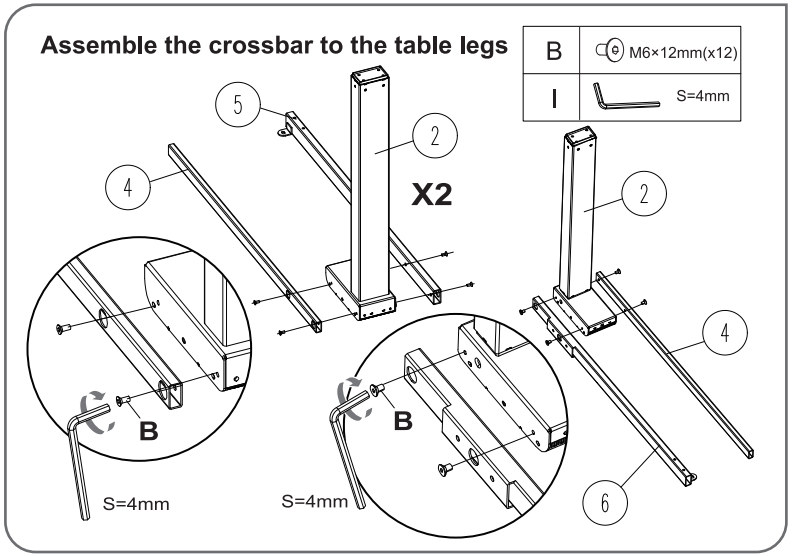
Step 4 Assemble the desktop (Not Included)



HARDWARE LIST

A screws M5×16mm (x30) (Include 2pcs extra screws)	B Screws M6×12mm (x20) (Include 2pcs extra screws)	C Screws M8×12mm (x2)	D Foot M8×15mm (x6)
E Foot M8×18mm (x1)	F screws M6×12mm (x18) (Include 2pcs extra screws)	G Screws M6×35mm (x12)	H Rubber Pad (x18) (Include 2pcs extra pads)
I Allen Key S=4mm (x1)	J Allen Key S=5mm (x1)	K Cable Clip (x8)	L Connector (x1)

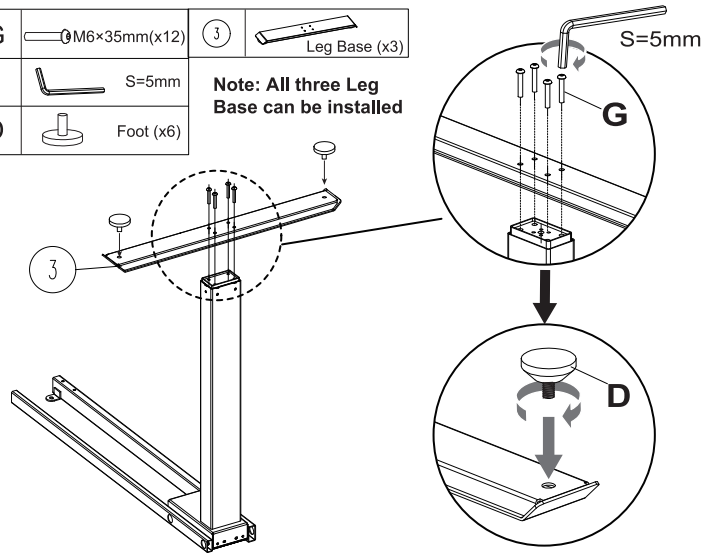
Step 1 Assemble the table legs



Step 2 Assemble the leg base

G	M6×35mm(x12)	3	Leg Base (x3)
J	S=5mm		
D	Foot (x6)		

Note: All three Leg Base can be installed



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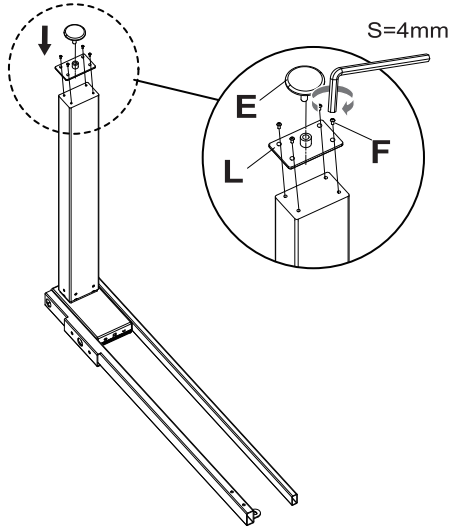
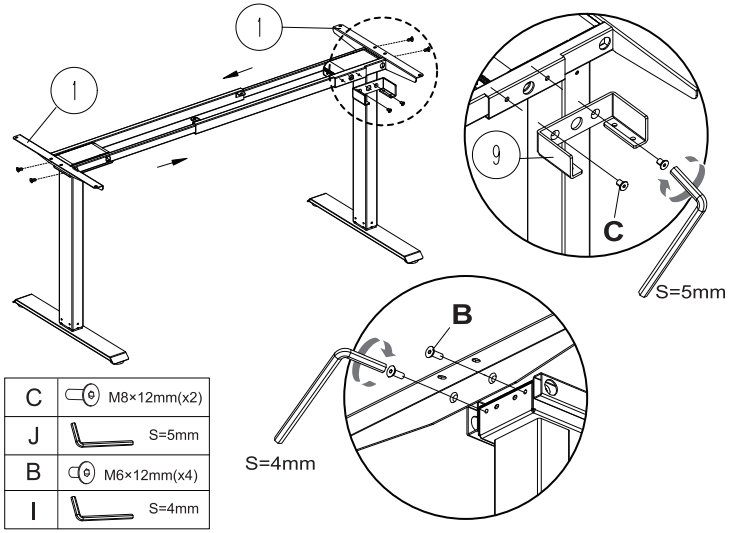


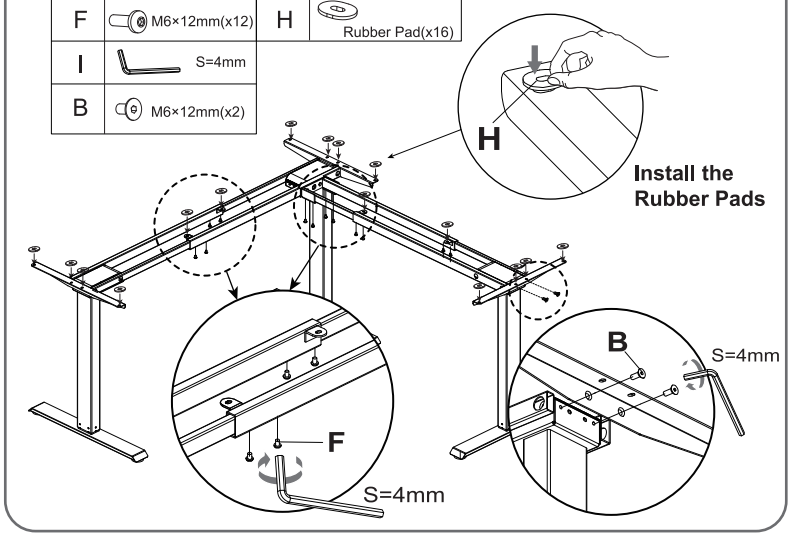
Warning:
Only install the Foot on the middle Table Leg. Failure to do so will result in loss of desk stability which may lead to serious injury.

F	M6×12mm(x4)
I	S=4mm
E	Foot (x1)
L	Connector (x1)

Step 3 Assemble the side plates

Secure the side plates and transmission rod to the table legs



C	M8×12mm(x2)
J	S=5mm
B	M6×12mm(x4)
I	S=4mm

F	M6×12mm(x12)	H	Rubber Pad(x16)
I	S=4mm		
B	M6×12mm(x2)