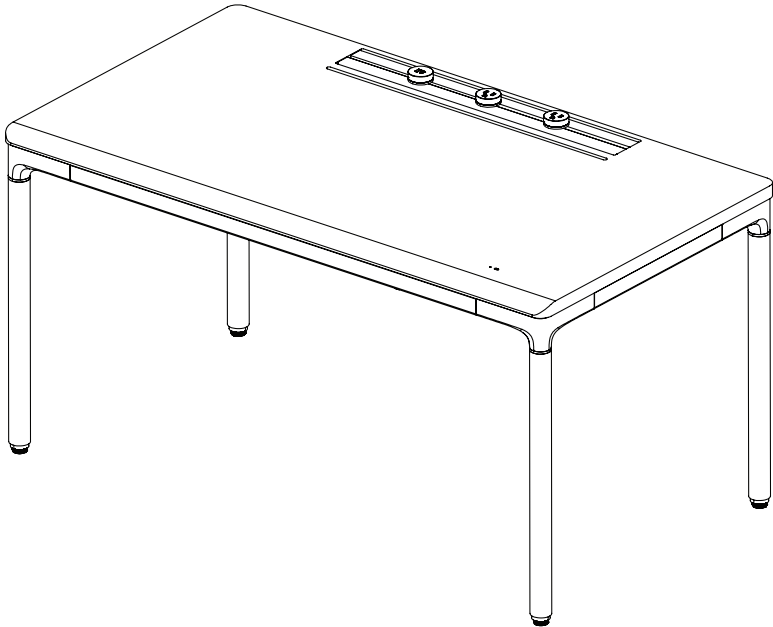# Autonomous

SmartDesk Levitate

Assembly Instructions

Warning

Before assembling this product, please read the instructions carefully

⚠ Make sure that children, pets, etc... are away from the product while it is in operation. When not using the product for a long time or there is lightning, please unplug the power supply.

⚠ Ensure that the desktop does not touch the wall.

⚠ Ensure that the product is free of any obstacles during operation. There should be no obstacles higher than 500mm under the desktop.

⚠ The working environment temperature is 0-40 °C, and make sure the product is kept far away from corrosive gases, liquids and dusty objects.

⚠ To prevent the product from malfunctioning and electronic parts causing harm to the human body, it is strictly prohibited to disassemble the product without permission.

⚠ Although the product has anti-collision and other functions, in order to avoid unnecessary harm to human body. Make sure your hands and other parts of your body are in a safe position. During manual reset, this function does not will be activated.

ⓘ Please read the relevant assembly instructions carefully before using this product. Our company does not assume any responsibility for product damage or human injury caused by abnormal operation.

ⓘ After initial use or power failure, manual reset is required before performing related operations.

ⓘ Before debugging the product, please make sure that the keypad is assembled on the desk top and the desk top is firmly fixed in a horizontal position.
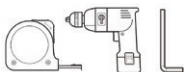
Part list

Before assembling this product, please read the instructions carefully
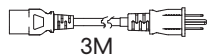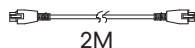
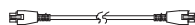30 min

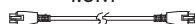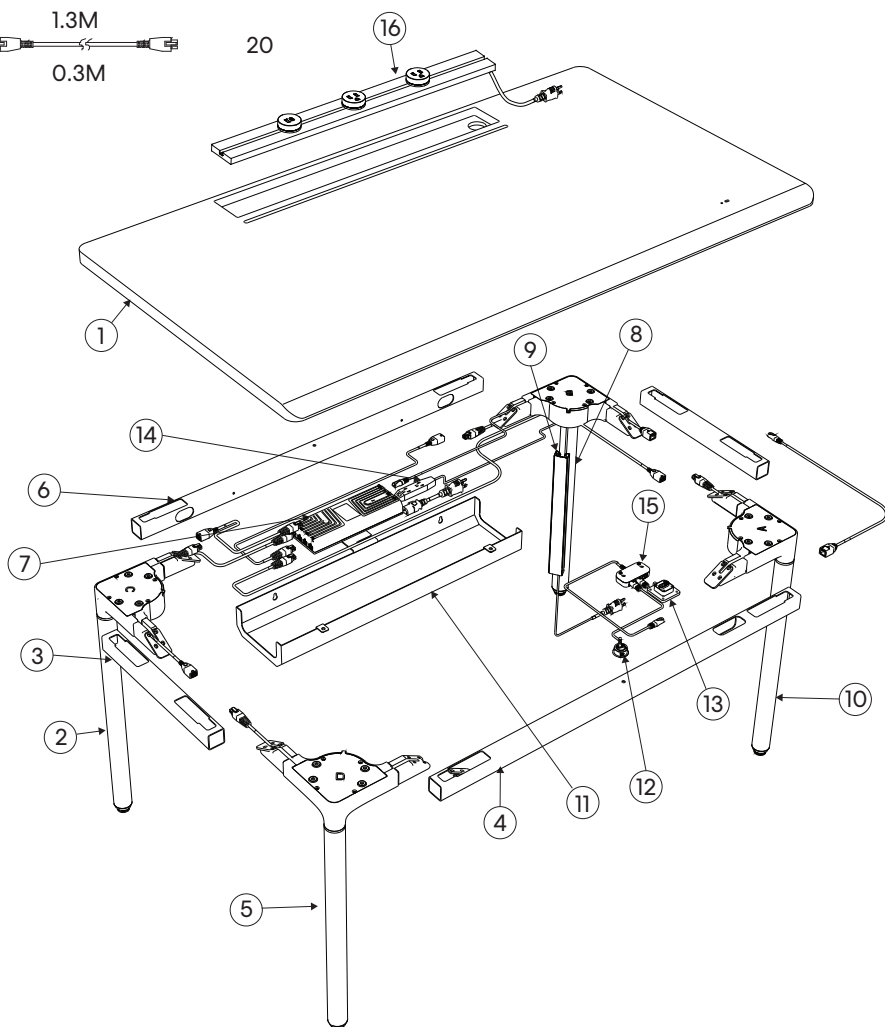Installation time   Installer   Installation tools

3M   17

2M   18

1.3M   19

0.3M   20

16

1

14

9   8

6

7   15

3

2   13

5   11   12   10

4

Part list

Before assembling this product, please read the instructions carefully

A	B	C	D	E	F	G
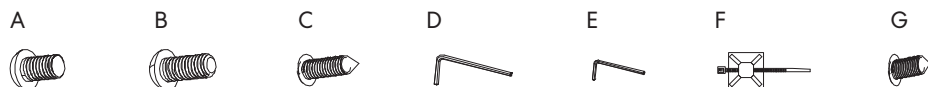
S/N	Component Name	Number	Unit
1	Desktop	1	PCS
2	Column C	1	PCS
3	Short crossbeam	2	PCS
4	Long crossbeam (with screw holes for keypad)	1	PCS
5	Column D	1	PCS
6	Long crossbeam (with screw holes for cable tray)	1	PCS
7	Control box	1	PCS
8	Column B	1	PCS
9	Upper tube	1	PCS
10	Column A	1	PCS
11	Cable Tray	1	PCS
12	Single-button keypad	1	PCS
13	Sensor keypad	1	PCS
14	Extension socket	1	PCS
15	Splitter	1	PCS
16	Track socket	1	PCS
17	3M power cord of the control box	1	PCS
18	2M Connecting cable *(pre-assembled)*	1	PCS
19	1.3M Connecting cable *(pre-assembled)*	1	PCS
20	0.3M Connecting cable *(pre-assembled)*	1	PCS
A	M5×10 Screws	32	PCS
B	M6×10 Screws	2	PCS
C	ST5×20 Screws	20	PCS
D	M4 Wrench	1	PCS
E	M3 Wrench	1	PCS
F	Zip Ties	10	PCS
G	ST4×20 Screws	2	PCS

Before assembling this product, please read the instructions carefully

B

D

A

C

Plug the adapter into the tube.
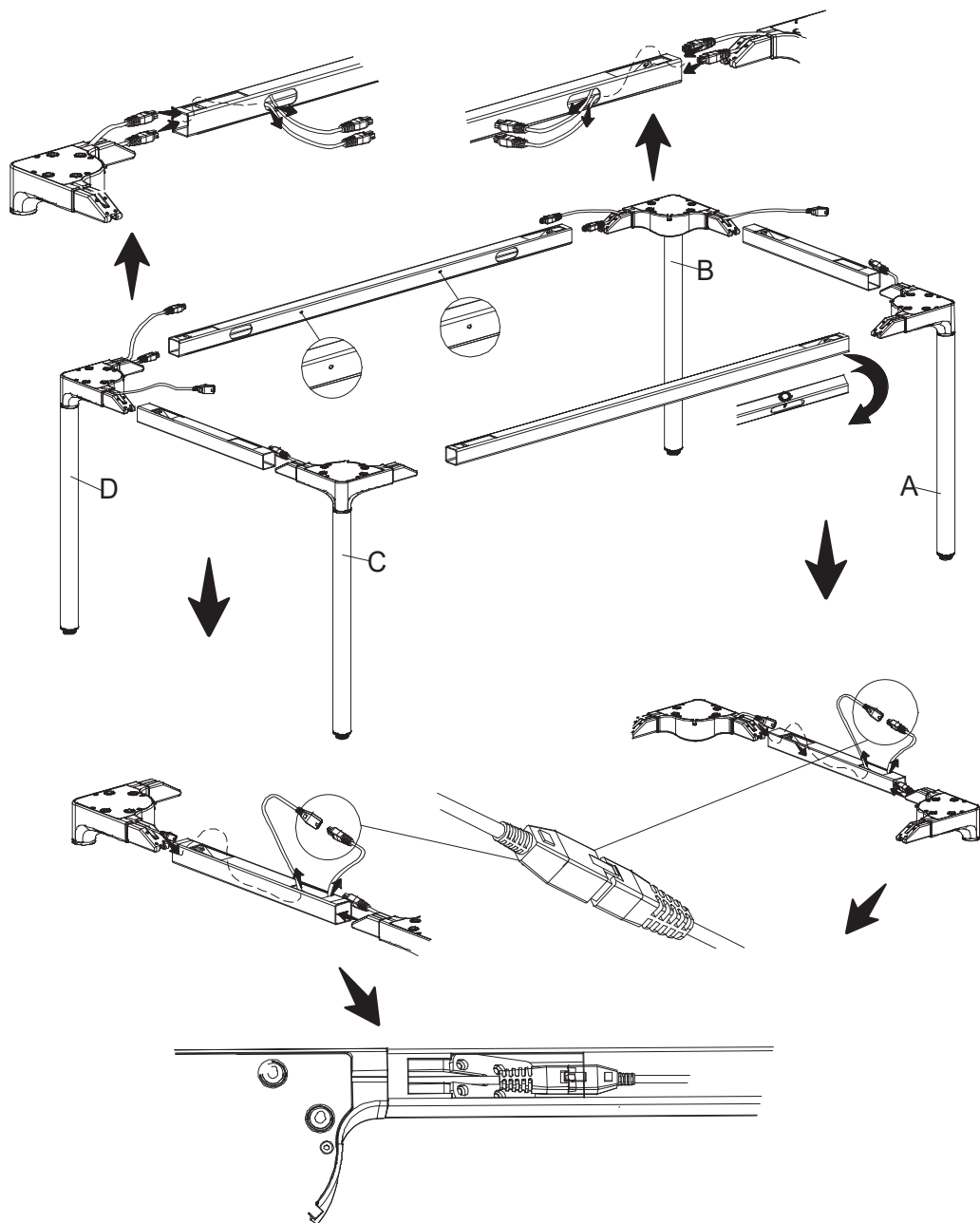
Before assembling this product, please read the instructions carefully
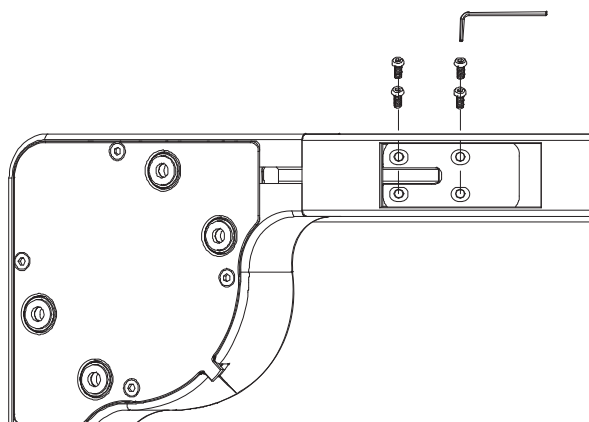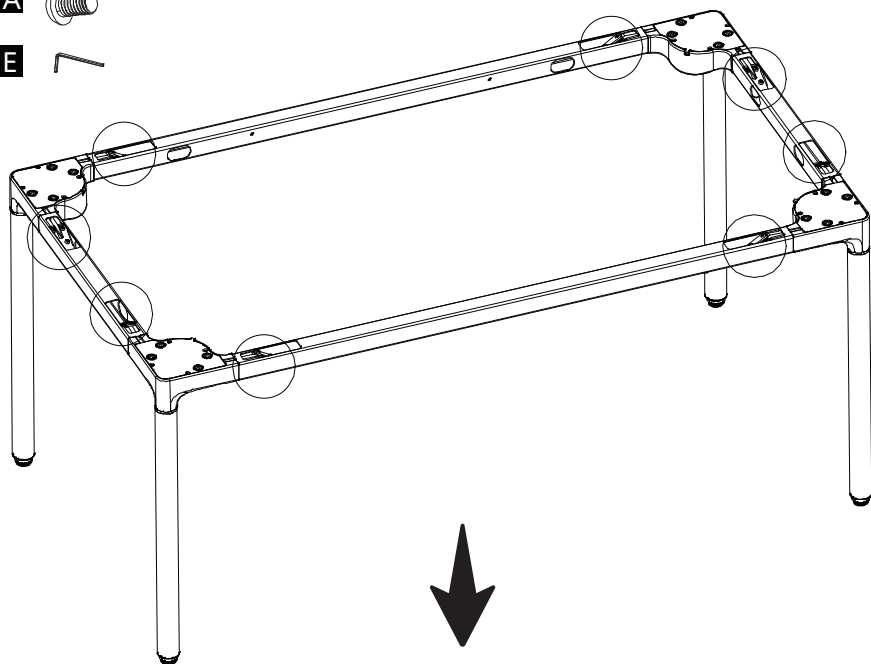
Fix 4 crossbeams with 32 M5×10 hex socket screws and an M3 wrench.

Before assembling this product, please read the instructions carefully

B

D

Fix the cable tray with 2 M6×10 hex socket screws and an M4 wrench on the long crossbeam(6).
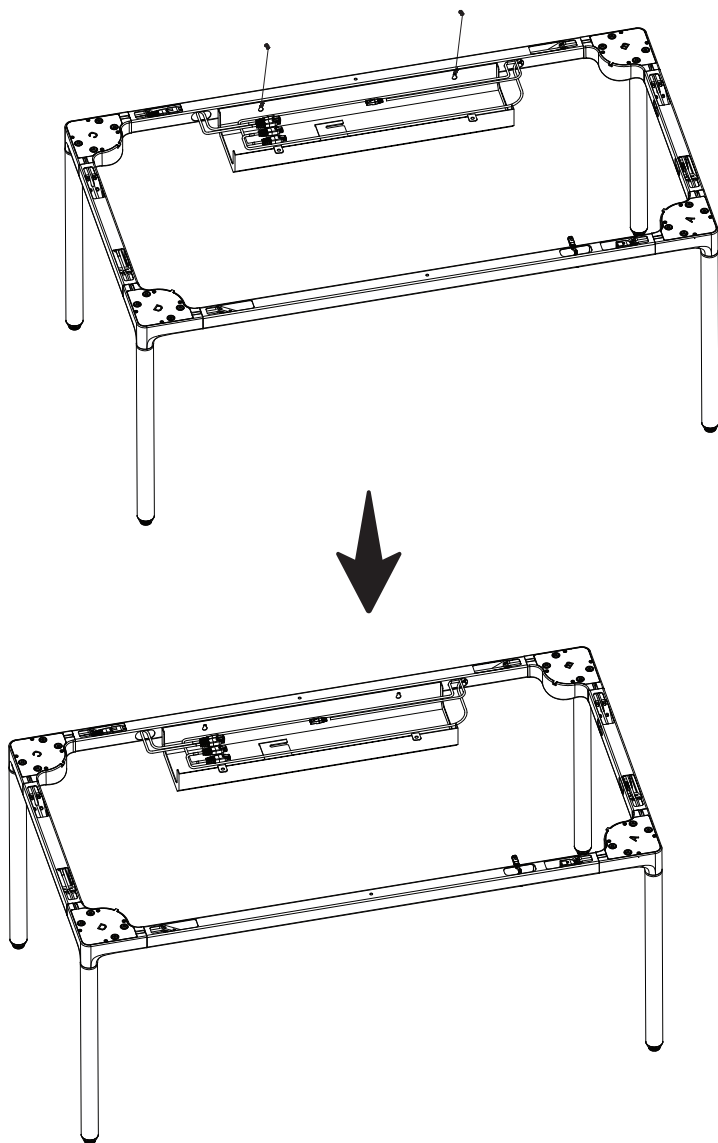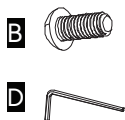
Before assembling this product, please read the instructions carefully
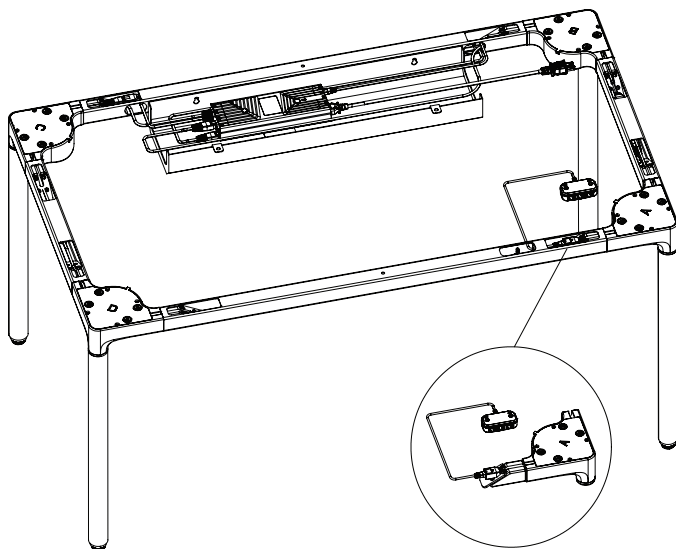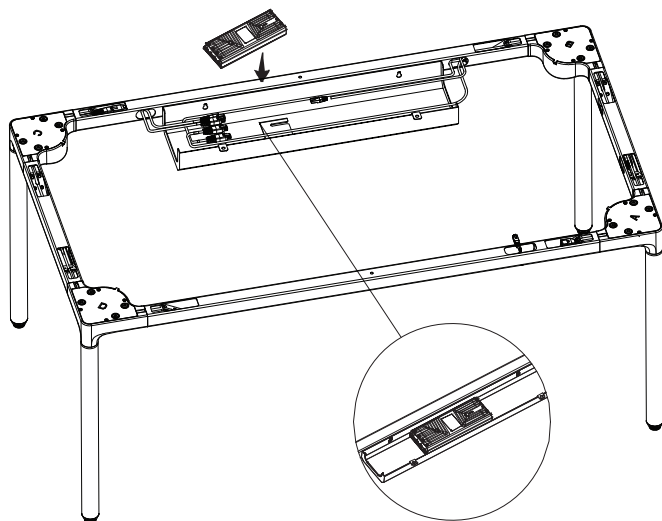
Connect the cord on the motors and the splitter, the power cord of the control box to the control box. Then connect the splitter to the splitter extension cord pre-assembled inside the column A. Plug in the power cord of the control box into the extension socket(14).

Before assembling this product, please read the instructions carefully

Put the cord of the track socket through the slot and then put the track socket in to the groove on the desktop. Connect the plug of the track socket into the extension socket.

Before assembling this product, please read the instructions carefully

C
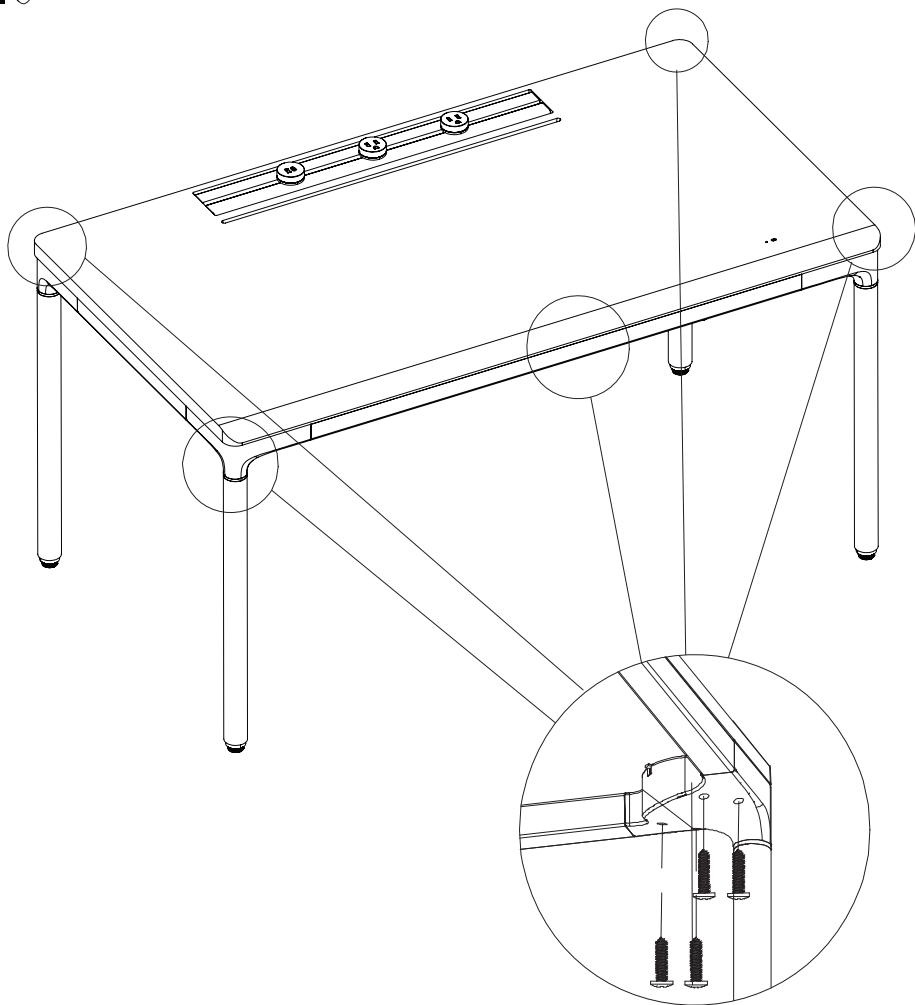
Place the desktop on the desk frame and fix it with 17 ST5*20 cross self-tapping screws and an M4 wrench.

Installation Guidance

Before assembling this product, please read the instructions carefully

C

G

F

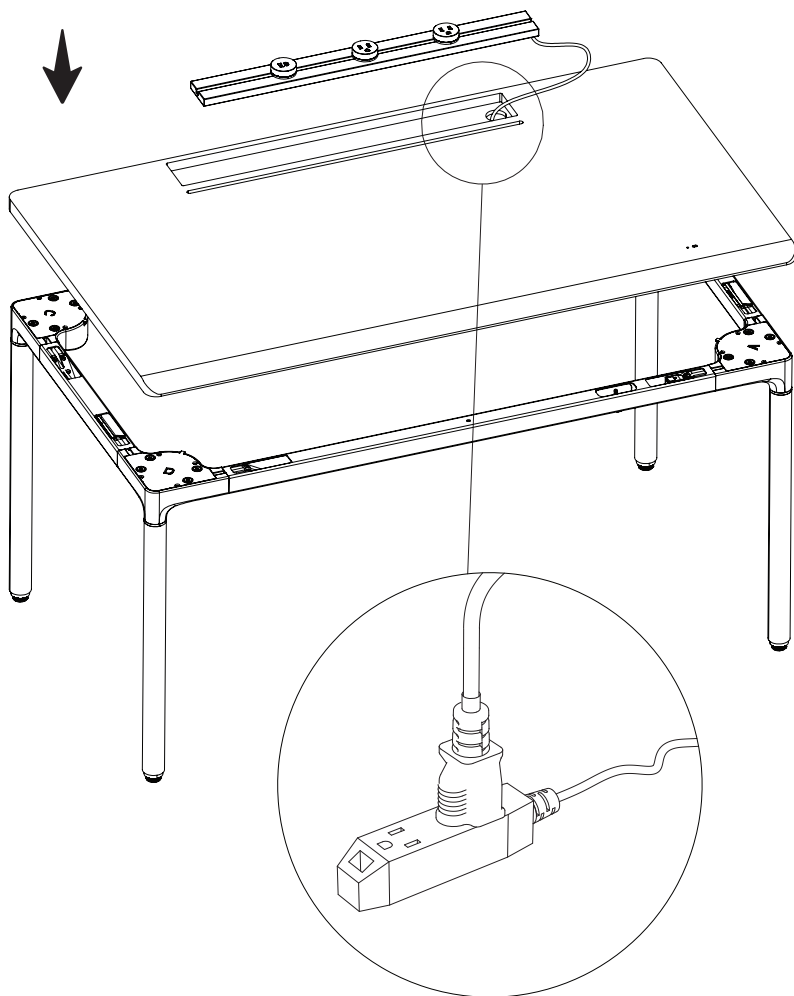Fix the cable tray under the desktop with 2 ST5×20 cross tapping screws and an M4 wrench.
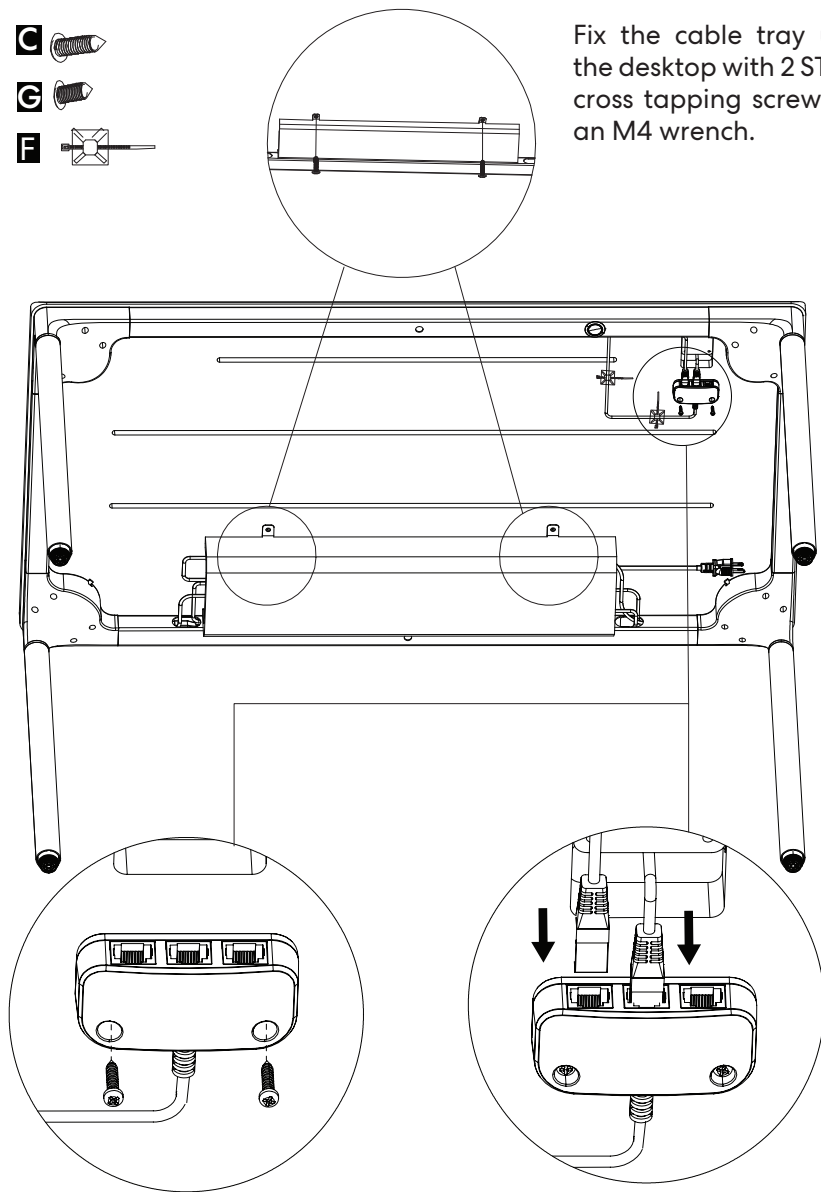
Fix the splitter with ST4×20 cross self-tapping screws and plug in the single-button keypad and sensor keypad into the splitter.

Installation Guidance

Before assembling this product, please read the instructions carefully

F
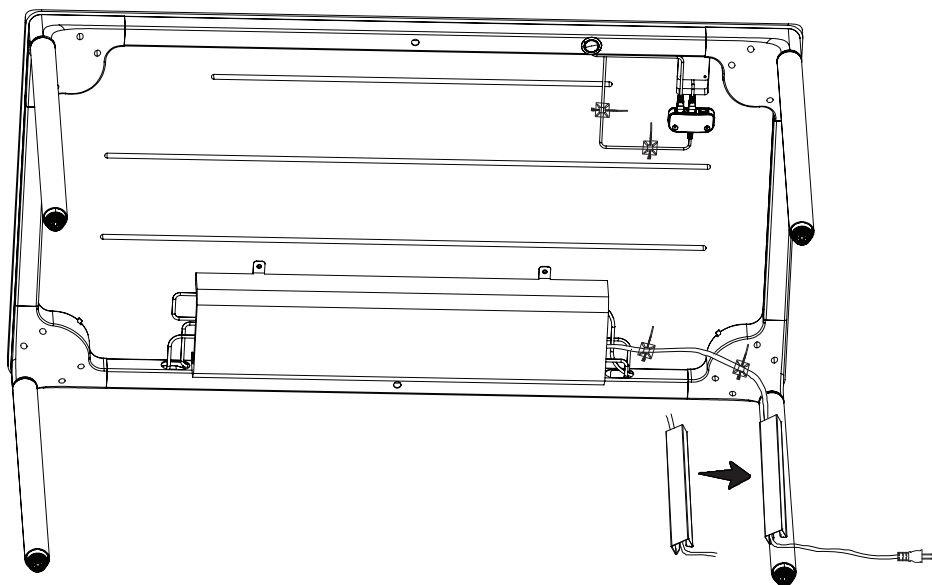
Put the power cord of the extension socket into the upper tube.
Then attach the upper tube onto the Column B.
Organize the power cord with zip ties.

Installation Guidance

Before assembling this product, please read the instructions carefully

1. Reset

Press and hold the single-button keypad for 10 seconds and the system starts to reset. There is a long beep sound. Keep pressing until the reset is completed, there is another long beep sound. Release your hand and the reset is done. (If the operation is interrupted during the reset process, the reset operation needs to be done again, i.e. press and hold the button for 10 seconds again.)

2. Adjusting the Height

【UP 】Click the button twice and keep pressing it at the second time. Releasing the button means going up stops. (The response waiting time after the first press is 0.5 seconds, if there is no operation within 0.5 seconds, execute the command of memory operation, the following is the same)

【DOWN 】Click the button three times and keep pressing at the third time. Releasing the button means going down stops.

3. Memory

1. Setting of standing memory position: Run to the required position in the upper half of the stroke. Press and hold the button for 3 seconds. There is a short beep and the set up is completed (If you have already set a standing memory position and then set another standing memory position in the upper half of the stroke, the new memory position will overwrite the old one.)

2. Setting of sitting memory position: Run to the required position in the lower half of the stroke. Press and hold the button for 3 seconds. There is a short beep and the set up is completed (If you have already set a sitting memory position and then set another sitting memory position in the lower half of the stroke, the new memory position will overwrite the old one.)

3. Memory position usage:

1) When the standing and sitting memory positions are not set:

① Press the button once at any position in the upper half of the stroke (except already at the upper limit) and the desk frame will run to the upper limit first. Press it again and it will run to the lower limit. Then press it once more and it will cycle in sequence.

② Press the button once at any position in the lower half of the stroke (except already at the lower limit) and the desk frame will run to the lower limit first. Press it again and it will run to the upper limit. Then press it once more and it will cycle in sequence.

2) When only the standing memory position is set:

①. Press the button once at any position in the upper half of the stroke (except already at the standing memory position) and the desk frame will run to the standing memory position first. Press it again and it will run to the lower limit. Then press it once more, it will cycle in sequence.

②. Press the button once at any position in the lower half of the stroke (except already at the lower limit) and the desk frame will run to the lower limit first. Press it again and it will run to the standing memory position. Then press it once more and it will cycle in sequence.

3) When only the seating memory position is set:

①. Press the button once at any position in the upper half of the stroke (except already at the upper limit) and the desk frame will run to the upper limit first. Press it again and it will run to the sitting memory position. Press it once more and it will cycle in sequence.

②. Press the button once at any position in the lower half of the stroke (except already at the standing memory position) and the desk frame will run to the sitting memory position first. Press it again and it will run to the upper limit. Press it once more and it will cycle in sequence.

4) When the standing and sitting memory positions are set:

①. Press the button once at any position in the upper half of the stroke (except at the standing memory position) and the desk frame will run to the standing memory position first. Press it again and it will run to the sitting memory position. Press it once more and it will cycle in sequence.

②. Press the button once at any position in the lower half of the stroke (except at the seating memory position) and the desk frame will run to the sitting memory position first. Press it again and it will run to the standing memory position. Then press it once more and it will cycle in sequence.

5) Remarks:

①. During the running process of the memory position, press the button will interrupt and stop the running. Only after the interruption can other commands be executed, including reset, up, down. The memory commands can be executed again.

②. If the current desk top is already at the limit position or memory position, press the button once and the desk frame will run to another limit position or memory position first. Press it again and it will cycle in turn.

③. When running at the memory position, if there is an interruption of using the button or there is an obstacle and the desk frame runs back, press the button once again. First check whether the current position is in the upper half-stroke or lower half-stroke. If it is in the upper half-stroke, the desk frame will first run to the upper limit or standing position. If it is in the lower half-stroke, it will first run to the lower limit or sitting position first.

④. The division of the upper half-stroke and the lower half-stroke is made according to half of the software stroke, and there is no intermediate value That is, it is either greater than the half-stroke or less than the half-stroke. There is no equal to the half-stroke.

⑤. All memory positions are executed as a continuation motion and it is not necessary to consider the inching situation.

4. Alarm Indicator

Alarm Twice	Reminder for excessive use and overheating protection	Pause use, resume after resting for 18 minutes or forcibly power off to reset
Alarm Three times	Exceptionally	Reset