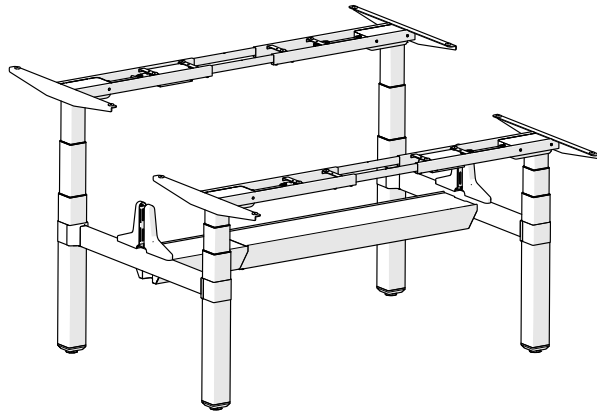


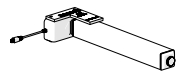


Height Adjustable Desk Back-to-back Install Guide

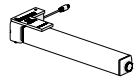


Checklist and Installation

Please check all of the components shown in the component checklist. If any of the components are missing or damaged, contact your point of purchase for a replacement.



A (x2)
Leg Column with Adjustable
Glide and Long Motor Cable



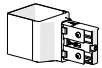
B (x2)
Leg Column with Adjustable
Glide and Short Motor Cable



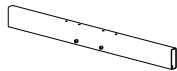
C (x2)
Top Frame, Power Adapter



D (x4)
End Pipe



E (x4)
Quick Rim Collar



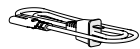
F (x2)
Column Connector



G (x2)
Screen Bracket and Cover



H (x1)
Telescopic Cable Tray



I (x2)
Power Cord



J (x2)
Integrated Handset



K (x20)
ST4.8X19



L (x4)
ST3.5X16



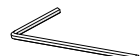
M (x8)
M6X10



N (x4)
Cable Clip



O (x4)
ST3.5X16



P (x1)
5mm Allen Key



Q (x1)
4mm Allen Key



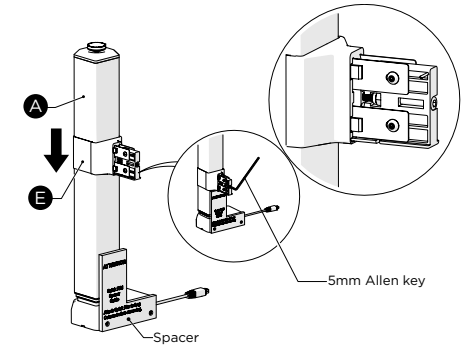
R (x2)
Cable Snake

STEP 1

Attach the Quick Rim Collar **E** onto the Leg Column **A**. Use the provided Spacer for the correct height of 168mm from top of column.

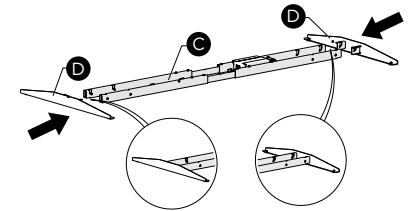
Use the 5mm Allen key from the screw kit to tighten the bolt on the Quick Rim until it **makes contact with the metal part** (Torque reference **14-16Nm**) and remove spacer. Repeat process for all 4 columns.

Ensure Quick Rims are installed correctly, with attention to its top style, as shown.



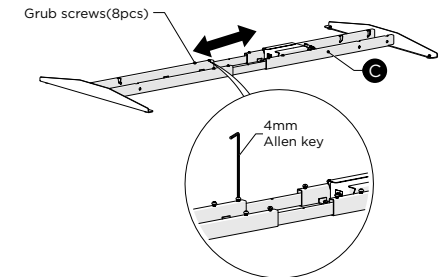
STEP 2

Place Top Frame **C** on a flat surface. Insert 2 End Pipe **D** into ends of Top Frame, as shown.



STEP 3

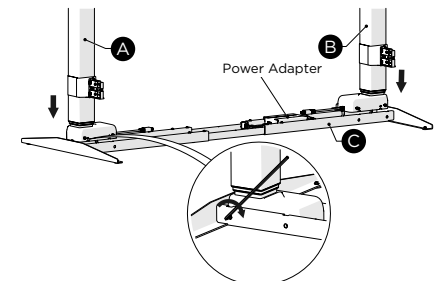
Loosen the 8 grub screws on the Top Frame **C** — **they only need to be backed off slightly, not fully removed** — and extend the frame to suit the desktop size with the desired overhang.



STEP 4

Guide 2 Leg Column **A** & **B** into the mounting slots on Top Frame **C**. Tighten 4 screws on each Leg Column.

Note: Leg Column with the short Motor Cable **B should be placed on the same side as the Power Adapter.**

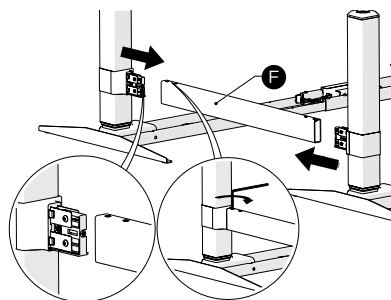


STEP 5

Align frames with Quick Rims facing inwards. Loosen the 4 grub screws on Column Connector **F** and connect to both Quick Rims on one frame.

Tighten grub screws. Connect second frame to Column Connector and tighten grub screws.

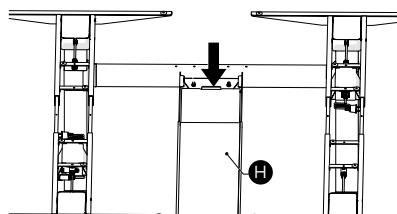
Ensure bolts at center of column connector are facing inwards.



STEP 6

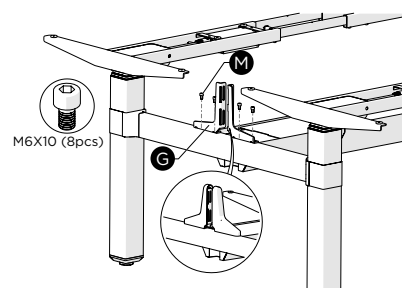
Flip the frame over (two people required). Place the Telescopic Cable Tray **H** onto the pre-installed bolts of the Column Connectors.

Do not tighten the bolts yet. Fasten them all together after installing the Cable Snake chain, refer to Step 11.



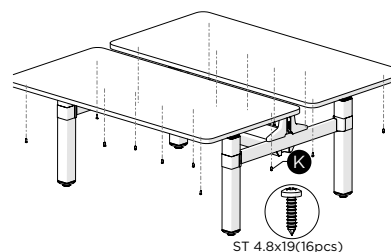
STEP 7

If using fixed screens on the frame, attach screen brackets **G** using 8pcs M6x10 screws **M**.



STEP 8

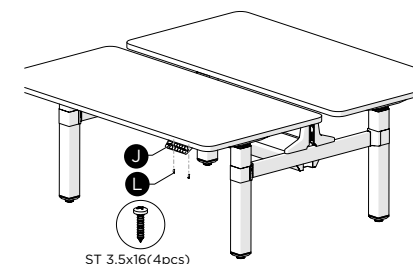
Secure the desk top to the Top Frame and End Pipes using ST4.8x19 screws **K** (8 per top, 16 total).



STEP 9

Install the integrated handset **J** on your preferred side with ST3.5x16mm screws **L** (2 pieces per handset, 4 pieces in total)

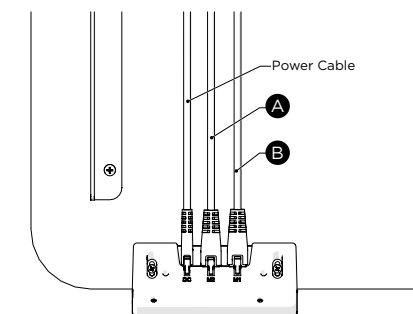
Tidy excess cable using Cable Clip, if required (4 supplied).



STEP 10

Connect Power Cable, Leg Column Motor Cable **A**, Leg Column Motor Cable **B** to the Integrated Handset as shown. Tidy excess cabling.

Workstations are now ready to be turned on and used.

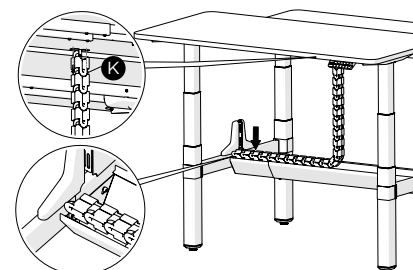


STEP 11

Insert one end of the Cable Snake chain into the shared bolt position of the Telescopic Cable Tray.

Fasten the 4 fixing bolts of the Telescopic Cable Tray with the 5mm Allen key.

Attach the other end of the Cable Snake chain to the tabletop. Use ST4.8x19 screws **K** (2 pcs per side, 4 pcs in total).



1. Zero Setting

When turning on the desk for the first time, the handset will flash 000 and will not raise. The desk must be lowered to its lowest height before operating. This is called a 'Zero Setting'. Follow these steps:

- Press "Down" button and keep pressing the button until the desktop has reached the lowest position (programmed desktop position).
- Press "Down" button again and hold. After about five seconds, the desktop will slowly move further down until it reaches the lowest possible desktop position.
- Release "Down" button. The electric height adjustable desk is now ready for use.

 Zero setting position is approximate 5mm lower than original starting height position.

2. General Operation

This function enables you to adjust the desk upwards or downwards. Press "Up" or "Down" button and keep pressing the button until the required frame height is reached.

 The desk will continue moving upwards or downwards until you release the button or the maximum / minimum height is reached.

3. Container and Shelf Stop position

These two features can be used to limit the movement area of the desktop (e.g. if a container is placed underneath the desktop). A container stop position can be defined in the lower half of the movement area, a shelf stop position in the upper half. If a container stop position is set, this position will be the lower limit position. If a shelf stop position is set, this position will be the new upper limit position. To store a container stop / shelf stop position, go on as shown below:

- Move the frame to the position where the container stop / shelf stop position shall be stored. Do so by pressing the "Up" or "Down" until you reach the desired position.
- Press both up and down button ("Up"& "Down") for 5 seconds, you will hear the buzzer sound when the container stop / shelf stop position is stored.

 A container stop position can only be stored in the lower half of the movement area and a shelf stop in the upper half.

These steps have to be done for a container stop and a shelf stop position separately!
To remove the container stop/ shelf stop position follow the instructions below:

- Move the desk to any position in the lower half to deactivate the container stop. Move the desk to any position in the upper half to deactivate the shelf stop. Do so by pressing the "Up"& "Down" button until you reach the desired position.
- Press both up and down button ("Up"& "Down") for 5 seconds, you will hear the buzzer sound when the container stop / shelf stop position is deactivated.

These steps have to be done for a container stop and a shelf stop position separately!

4. Reset control box to factory settings

Follow the instructions below to use a configured control box on another identical electric height adjustable desk or to reset the control box to its original factory settings.

- Press the ("Up"& "Down") button and hold for ten seconds.
- The handset makes a buzz at 5 seconds, and then a long beeping sound at 10 seconds. Screen will now flash 000 and will only lower, not raise, as per the original Zero Setting.
- Press the "Down" button until it reaches the lowest possible desktop position. The control box has now been reset to the original factory settings.

 If one or more motors are changed in a system, the control box must be reset to factory settings.

5. Lock Setting

It enables you to lock and unlock the handset. To do so follow these steps:

- Press "S" and "up" button and hold until the handset shows "Loc" when the lock setting is complete.
- To remove the lock setting, press "S" and "down" button and hold until a height reappears on screen of the handset.

 This function can be used as child lock.

6. Memory Setting

This function allows you to move the desk to a preset position. Follow the instruction steps:

- Move the desk to a desired position and press "S" button until the handset shows "S-" and "-" is flashing.
- Press the number buttons (1, 2 or 3) to set the position as Memory Setting.
- Repeat the above steps to remember up to three positions.

 All memory settings will be erased after performing a factory reset.

7. Programs

You can refer to the 'Appendix: Programs' to select and save settings, do so by following the steps below.

- Press "S" button and hold for five seconds, the handset will show the parameter "S-x" and "x" will flash.
- Press "up" or "down" button to select the parameter S-1 to S-12 and then press "S" button to save the setting.
- Press "up" or "down" button to adjust the corresponding specification 0-12 and then press the "S" button to save the setting.

 All program settings will be reverted to their original factory settings after performing a factory reset.

Appendix: Programs

- S-1: Switch cm or inch display unit.
 - "0" means display with "cm".
 - "1" means display with "inch".
- S-2: Balance Protection with sensitivity range options when the front-side and back-side of the tabletop are unbalanced.
 - "0" means close this function.
 - "1" means least sensitive.
 - "8" means most sensitive.
- S-3: Anti-collision Protection with sensitivity range options for desk move up.
 - "0" means close this function.
 - "1" means least sensitive.
 - "8" means most sensitive.
- S-4: Anti-collision Protection with sensitivity range options for desk move down.
 - "0" means close this function.
 - "1" means least sensitive.
 - "8" means most sensitive.
- S-5: Adjust the actual minimum height if the actual height changes, e.g. if the tabletop is raised by 20mm when using the castor.
- S-6: Switch the One-Touch & Constant-Touch memory program.
 - "0" means constant touch.
 - "1" means One-Touch.
- S-7: Duty cycle
 - "0" means off.
 - "1" means on.
- S-12: Balance Protection with sensitivity range options when the left-side and right-side of the tabletop are unbalanced.
 - "0" means close this function.
 - "1" means least sensitive.
 - "8" means most sensitive.

Appendix: Factory Default Settings Matrix

Setting	Default value	Represents
S-1	0	Non-USA market, display set to "cm" by default
S-1	1	USA market, display set to "inch" by default
S-2	6	Balance protection sensitivity level for the front-side and back-side of the desk is set to 6 by default
S-3	6	Anti-collision protection sensitivity level for desk movement upwards is set to 6 by default
S-4	6	Anti-collision protection sensitivity level for desk movement downwards is set to 6 by default
S-5	Different standards	Default position (the lowest height above ground) is in different scenarios
S-6	0	Constant touch memory program by default
S-7	1	Duty cycle is activated by default
S-8	6	Balance protection sensitivity level for the left-side and right-side of the desk is set to 6 by default

Appendix: Functions Illustrations

1 000

2 Lowest position*

* Height might be different for different market.

3 LOC

4 S -

5 S-1 - S-12

6 - - - (Anti-Collision)

7 HOT

8 E01-E08

9 0-12

Appendix: Troubleshooting of Handset

Error Code	Possible Cause	How to handle it
E01	The main supply voltage is over 45V	Replace the control box
E02	The height deviation between the legs exceeds 1cm	Zero Setting
E04	Handset connecting or communication error	Check the handset plug
- - -	Anti-Collision Protection	Wait 2 seconds and re-run
E06	Main power start failed	Replace the control box
E07	Protection when the main power supply is running lower than 20V	Re-plug the power
E08	Tilt when the desktop is running	Zero Setting
HOT	Run over 2 minutes in 20 minutes	Wait 18 minutes and re-run
E11/E12/E13/ E14	Leg for M1 port malfunction	Check all plugs
E15	Leg for M1 port internal short circuit	Replace the leg
E16	Leg for M1 port locked rotor	Zero Setting
E17	Leg for M1 port wrong operation direction	Replace the leg
E18	Leg for M1 port overload	Reduce load
E21/E22/E23/ E24	Leg for M2 port malfunction	Check all plugs
E25	Leg for M2 port internal short circuit	Replace the leg
E26	Leg for M2 port locked rotor	Zero Setting
E27	Leg for M2 port wrong operation direction	Replace the leg
E28	Leg for M2 port overload	Reduce load
...	...	...

E28	Leg for M2 port overload	Reduce load
E31/ E32 /E33 / E34	Leg for M3 port malfunction	Check all plugs
E35	Leg for M3 port internal short circuit	Replace the leg
E36	Leg for M3 port locked rotor	Zero Setting
E37	Leg for M3 port wrong operation direction	Replace the leg
E38	Leg for M3 port overload	Reduce load
E40	Cascading cable is offline	Check the cascading cable
E41	Error of the cascading signal	Check the cascading cable
E42	Memory chip error	Replace the control box
E43	Sensor chip error	Replace the control box

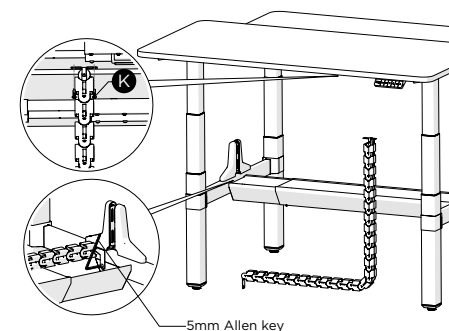
If you have any inquiries, please contact your point of sale.

Height Adjustable Desk Back-to-back **Disassembly Guide**

STEP 1

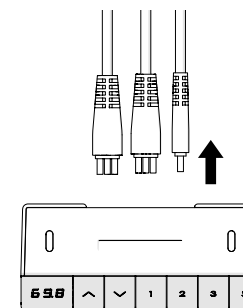
First, remove the Cable Snake fixing screws from the tabletop.
ST4.8×19 screws **K** (2 pcs per tabletop)

Then loosen the bolt on the column connector and take off the Cable Snake.



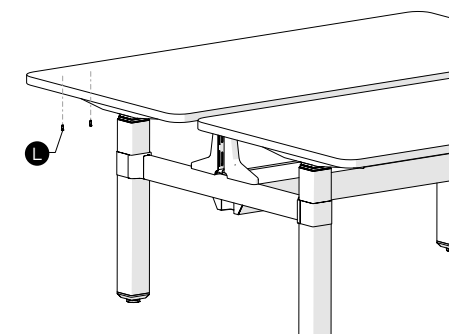
STEP 2

Disconnect the power supply, and detach the connecting cable from the handset.



STEP 3

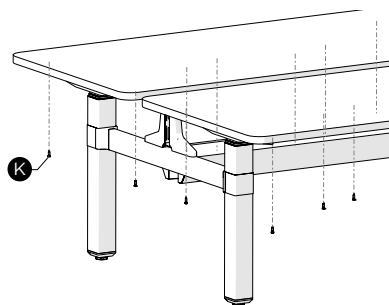
Remove the Handset fixing screws from the table top.
ST3.5×16 screws **L** (2 pcs per tabletop)



STEP 4

Loosen the tabletop fixing screws and detach the tabletop.

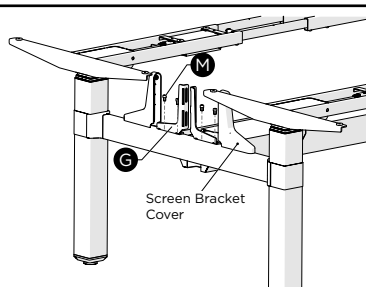
ST4.8x19 screws **K** (8 pcs per tabletop)



STEP 5

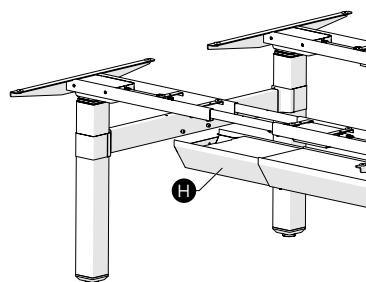
Take off the Screen Bracket Cover.

Undo the screws and detach the Screen Bracket **G**
M6x10 screws **M** (4 pcs per tabletop, 8 pcs in total)



STEP 6

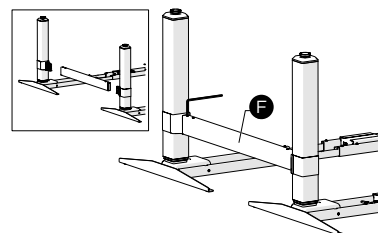
Take off the Telescopic Cable Tray **H**.



STEP 7

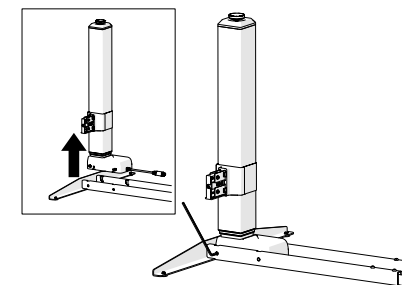
Flip the desk frame over.

Loosen the screws on the column connector **F**, then take it off.



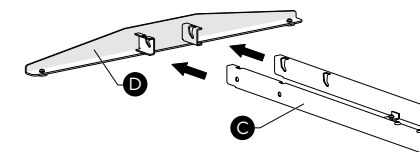
STEP 8

Loosen the screws on the leg columns slightly, do not remove them fully.
Then detach the leg columns from the top frame.



STEP 9

Separate the end pipe **D** from the top frame **C**



STEP 10

Loosen the Quick Rim Collar **E** blot with the 5mm Allen Key, then take off the Quick Rim Collar.

