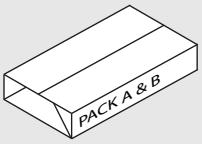
01-05-2019

Elev8² Touch - Back-to-Back Desks

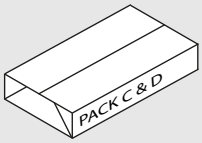
EVTB-1200 | EVTB-1400 | EVTB-1600

ASSEMBLY INSTRUCTIONS

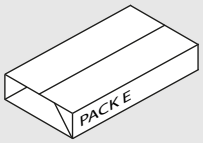
Elev8² Touch
Back-to-Back Desk



Pack A & B:
2 x DESKTOPS



Pack C & D:
2 x LEG FRAMES



Pack E:
1 x CROSS BEAMS

TOOLS REQUIRED FOR ASSEMBLY

1 x Pozi screwdriver

1 x 4mm Allen key

1 x 5mm Allen key

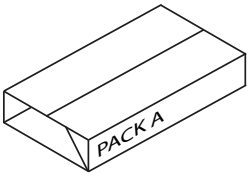
DONT STRUGGLE 2 MAN LIFT

ALWAYS HANDLE ITEMS WITH CARE

IF UNSURE CALL FOR ASSISTANCE

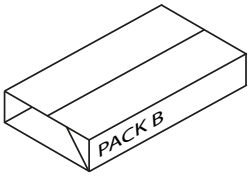
KEEP FITTINGS AWAY FROM CHILDREN

Please check that you have all the components



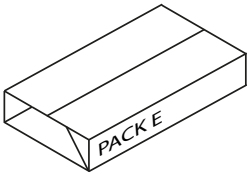
PACK A & B:
2 x DESKTOPS

1200mm = ED128T
1400mm = ED148T
1600mm = ED168T



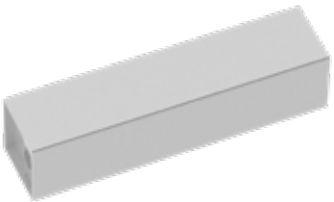
PACK C & D:
2 x UNDER FRAMES

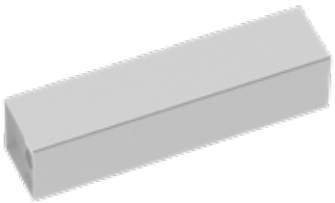
Leg pack code = B2B-T-*-A



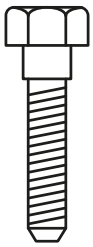
PACK E:
1 x CROSS BEAMS

Cross beam code = B2B-T-*-B

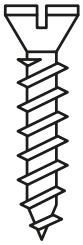




FITTINGS SUPPLIED



Size	PCS
M6 x 16mm	**24**
M10 x 12mm	**8**
M10 x 20mm	**16**



Size	PCS
Ø4 x 25mm	**4**
Ø5 x 20mm	**28**

✱ Code to include suffix of colour ordered eg. Silver (**S**), White (**WH**) or Black (**K**)

ELEV8² TOUCH BACK-TO-BACK DESKS ASSEMBLY

1

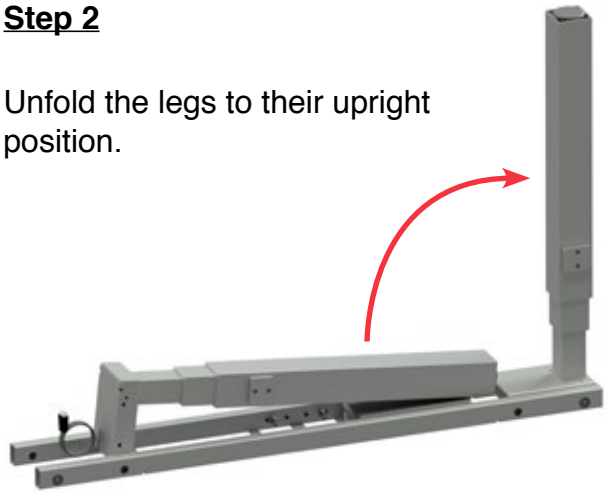
Step 1

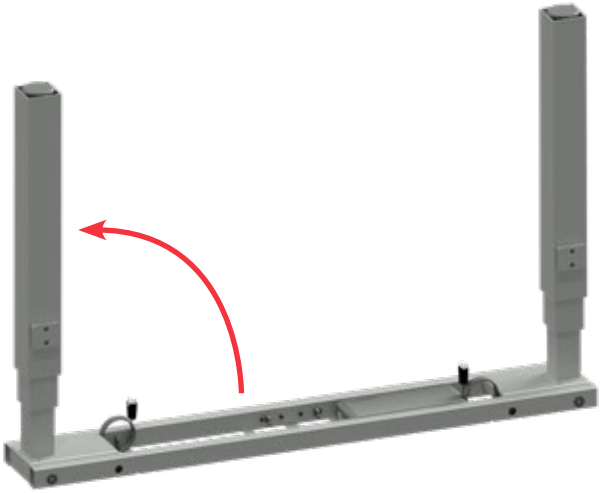
Unpack your new height adjustable desk frame and place on a flat surface.

2

Step 2

Unfold the legs to their upright position.





3

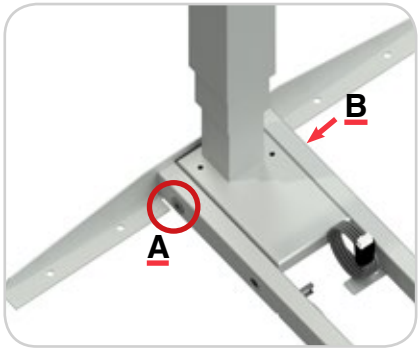
Step 3

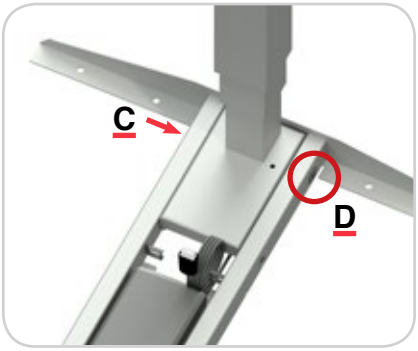
Insert the 2 desktop end rails into the frame cross sections.

4

Step 4

Once inserted, tighten the bolts at **A-D.**





5

Step 5

Once the end rails are attached, turn the desk over into its upright position.
2 person lift, do not attempt to do this without assistance, this could result in injury or damage to the product.

6

Step 6

Repeat these steps for both of the back-to-back leg frame sets.

7

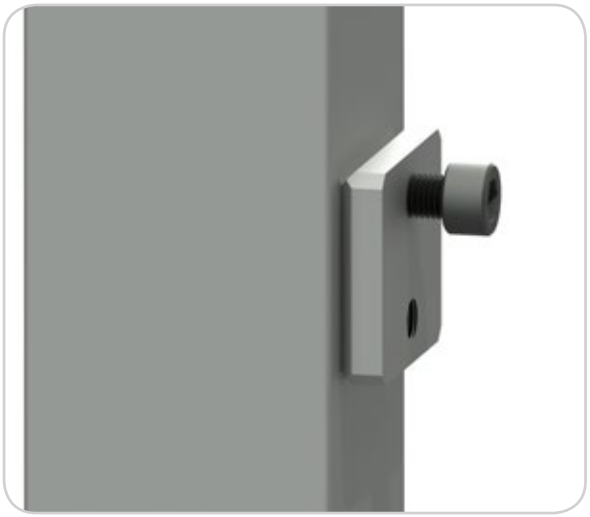
Step 7

Insert one of the supplied bolts into the top hole on the leg frame as shown. This will be to attach the cross beam.

8

Step 8

You should be able to still see some of the thread of the bolt.
If the thread is not visible, loosen the bolt by a few turns to leave a gap as displayed.



9

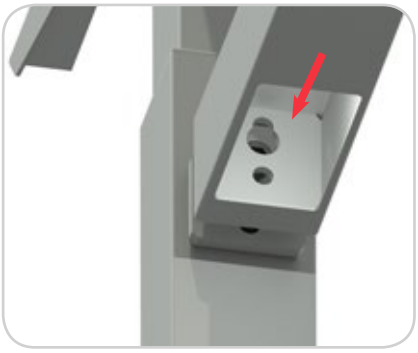
Step 9

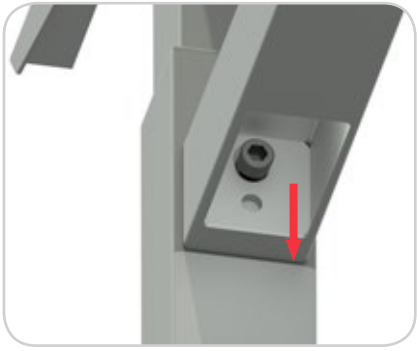
Attach one end of the cross beam to the leg and tighten the bolt when in place.

Insert the cross beam over the bolt.

Move the cross beam down until the bolt is settled in the keyhole fixing.

Tighten the bolt.

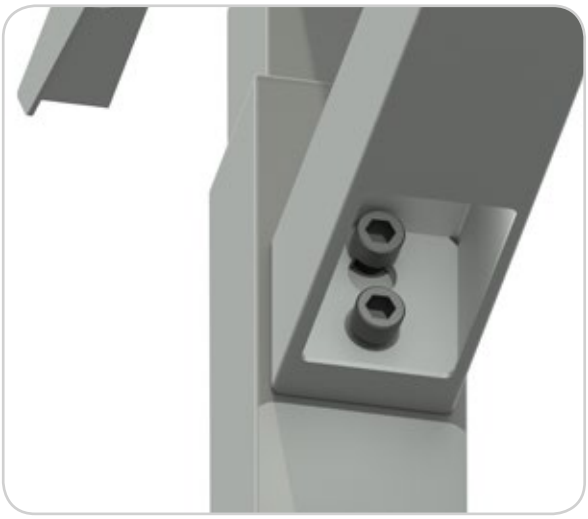




10

Step 10

Insert a second bolt from the cross beam to the frame and tighten.



11

Step 11

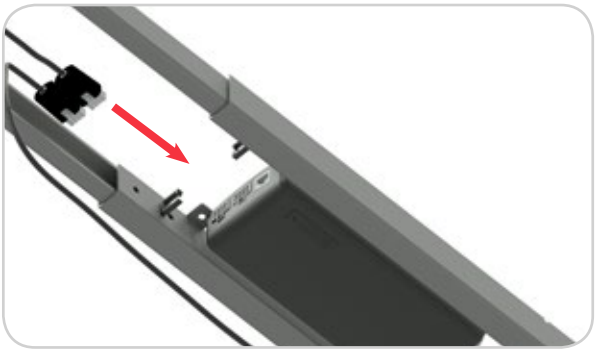
Repeat this on all 4 legs attaching the two frames together.

12

Step 12

Now that your desk is assembled you can proceed with the wiring. Connect both end legs to the control box, insert the connectors into ports “**M1**” & “**M2**”.

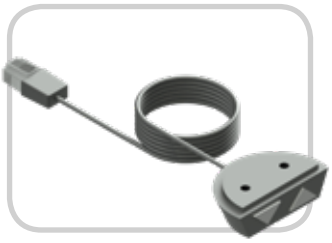
Before proceeding ensure the connector plugs are connected properly. You should hear the plugs click and lock into place.

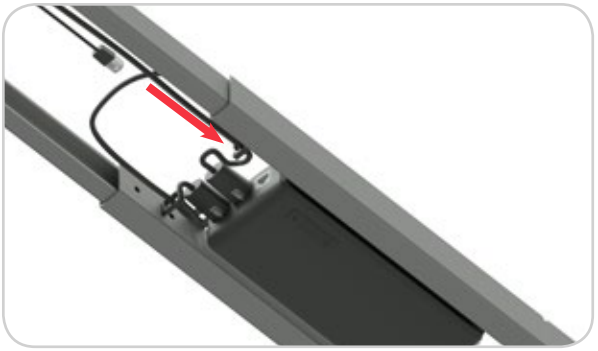


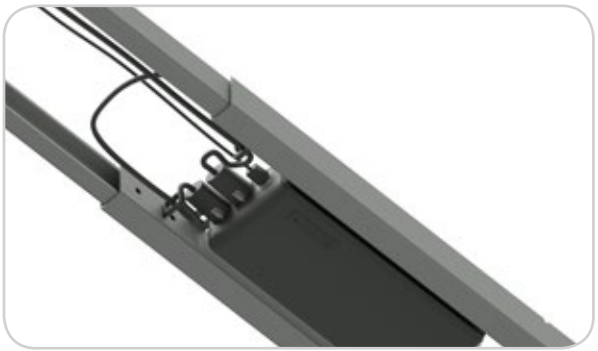
13

Step 13

You can now attach the desktop controller. This connector plug should be inserted into the port marked “H” on the control box.



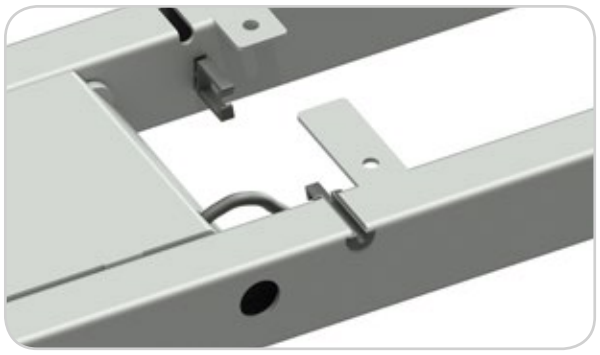


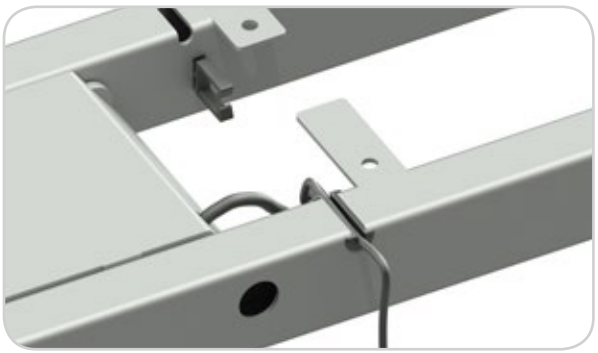


14

Step 14

The desktop controller can be positioned on either side of the desktop. Ensure that once the controller is connected to the control box the wires are neatly tucked into the cable management clips.
Insert the wire protector into the recessed cut out in the top of the cross section and ensure the wire passes through the protector.

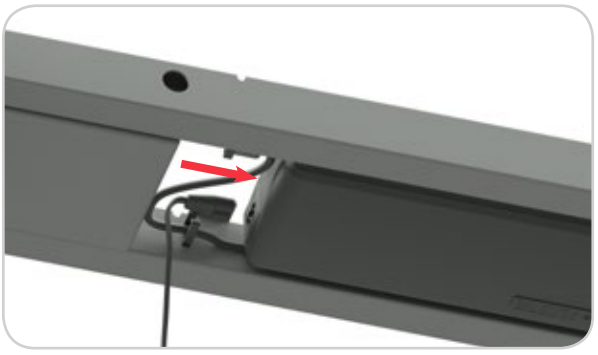


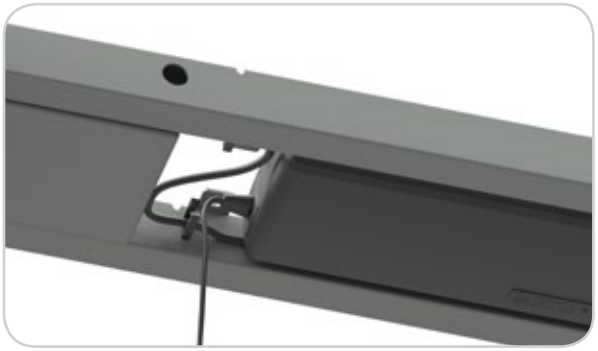


15

Step 15

You are now ready to connect the mains lead to the control box. Insert the figure 8 connector plug into the corresponding socket on the control box, this is marked “**AC**”.





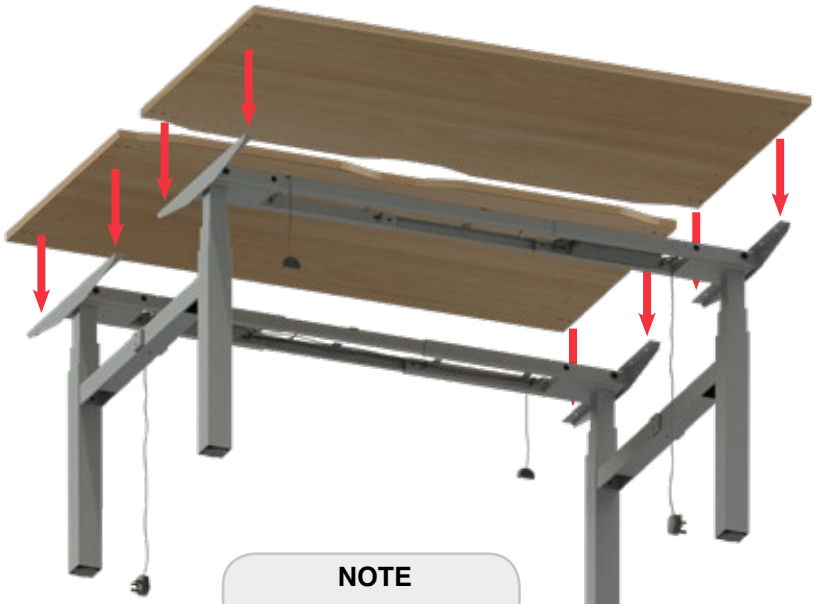
16

Step 16

Now position the desktop onto the framework ensuring that the scalloped edge of the desktop is at the centre of the frame.
Align the holes in the desktop end rails with the pre-drilled holes on the underside of the desktop.
Use the wood screws supplied to attach the top to the frame, if you are using a cordless/power driver make sure it is on a low torque setting.

NOTE

Use Ø5 x 20mm wood screws to attach the top to the frame.



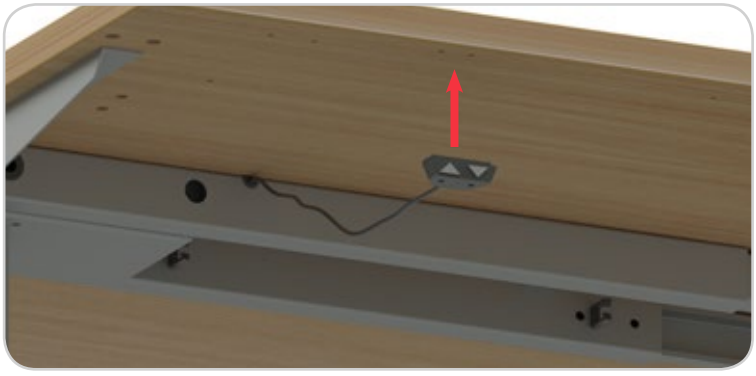
NOTE

If the holes don't line up, loosen the grub screws and adjust the width of the frame before re-tightening the grub screws.

17

Step 17

Finally attach the desktop controller to the underside of the desktop using the wood screws provided. If you are using a cordless/power driver make sure it is on a low torque setting. There are pre-drilled holes on either side of the top so the controller can be attached to the Left or Right of the desk.



NOTE

Use Ø4 x 25mm wood screws to attach the controller to the top.

18

Step 18

Your desk is now ready to be connected to the mains outlet.
Before you proceed with operating your new desk it is recommended that you perform a full reset of the controller to calibrate the height of each leg.

This can be done using the following steps;

- Press both buttons at the same time for 3 seconds.
- Continue pressing the buttons until both columns are in lowest position.
- Keep pressing the buttons until control box makes 1 beep.
- When control box makes 1 beep, it is confirmed that reset has been completed and buttons can be released.
- Now the desk is operational.
- If the desk is disconnected by accidently pulling out the plugs at the control box, motors, handset, main power source or system status reach overload, overheat etc. then the desk must be reset.
- If the desk is powered off intentionally at the main power switch, then the desk does not need to be reset.

Operating the desk
Press this button, to operate the desk for upwards running.
Press this button, to operate the desk for downwards running.

19

Step 19

Upgrading to the Digital control unit

Make sure that your height adjustable desk is turned off and unplugged from the mains. Unplug the controller supplied with your height adjustable desk and replace with the digital control unit. Fix this to your top using the wood screws provided.

After connecting the digital control unit you will need to perform a reset.

Reset
• Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in lowest position. When the reset is finished, the control box makes a beep and the buttons can be released.
• When conducting reset, the display shows “000” in last 100mm stroke. When the reset hsd finished, the display shows starting height again.
• If releasing up & down buttons before the display shows ”000”, the desk goes back to normal operation.
• Reset is necessary for first operation of the desk.

Normal operation
• Press any button. 3-digits display shows current desk height in centimeters.
• Press up or down button to adjust the desk height.
• When no button has been pressed for 10 seconds, display goes off. Press any button to light up the display again.
• When no button has been pressed for 30 seconds, the system goes to <0.1 W standby mode. Long press any button to wake the system up. Display shows desk height again.

Memory position
The digital control unit supports 4 memory positions. to set the positions follow these steps;
1. Operate the desk to preferred height.
2. Press any of 1,2,3,4 buttons together with up or down buttons for 2 seconds to store the current height. Display shows P1/P2/P3/P4 when the position has been stored.
3. Now, hold any of the 1,2,3 or 4 buttons until the desk reaches the stored height.

Stored postion can only be overwritten, not to be cleared.

Trouble shooting information

Error Code	Beeps-Buzzer alert	Protection	Situation	Solution
000	1 Beep	Resetting	Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in the lowest position. When control box makes 1 beep it is confirmed that reset has been completed and buttons can be released.	Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in the lowest position. When control box makes 1 beep it is confirmed that reset has been completed and buttons can be released. Now the desk is opperational.
E00	No beep	Not reset completely	When reset is required but not fully reset/completed.	Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in the lowest position. When control box makes 1 beep it is confirmed that reset has been completed and buttons can be released. Now the desk is opperational.
E01	3 Beeps when operating, until it has completely recovered	Oveuse protection	Continuous running the frame for 300 seconds will activate the overheat protection.	The system will recover and after 75 seconds it is possible to run the frame for 300 seconds again. If the resting time or the interval time between operations is too short, the next running time will be reduced in order to give the system enough time to cool down.
E02	2 Beeps	Unbalance protection	Difference between 2 motors over 10mm.	Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in the lowest position. When control box makes 1 beep it is confirmed that reset has been completed and buttons can be released. Now the desk is opperational.
E03	No Beep, reverses 40mm no matter pressing the button	Anti-collision	Detecting the variation in electronic current motor will stop when excessive variation detected in a certain time.	
E04	No beep, reverses 30mm no matter pressing the button	Sensi touch protection	Detecting if the system has collided with an object, becoming uneven or has shifted during operation.	Remove the obstacle and desk will become opperational again.
E11	5 Beeps	M1 motor over current protection	When the column M1 is overloaded or internal transmission is jammed.	Remove some load from your desk to lower the current to operate the desk. If the desk is still not operational, the nut might be broken or the spindle/bracket might be damaged.
E12	5 Beeps	M2 motor over current protection	When the column M2 is overloaded or internal transmission is jammed.	
E21	No beeps, screen flashes E21	No hall sensor from M1	Only current is detected, no hall sensor. Column is not moving.	Change motor or motor cable. Press both up & down buttons at the same time for 3 seconds. Continue pressing the buttons until both columns are in the lowest position. When control box makes 1 beep it is confirmed that reset has been completed and buttons can be released. Now the desk is opperational.
E22	No beeps, screen flashes E22	No hall sensor from M2	Only current is detected, no hall sensor. Column is not moving.	
E31	4 Beeps	No current from M1	No current is detected from column M1. 1 Column is not moving and the other column slightly shakes.	Check if the motor plug is well connected.
E32	4 Beeps	No current from M2	No current is detected from column M2. 1 Column is not moving and the other column slightly shakes.	