

New Heights Classic Table Base



FURNITURE MADE SIMPLE®

User Guide

Warnings

⚠ WARNING

Carefully read all instructions and review all illustrations before installing. Failure to observe these warnings could result in a fire, electric shock, or personal injury.

⚠ DANGER

Ensure there are no obstacles above or below the table that would prevent movement. All cords must be appropriate length to accommodate the table's full range of height.

⚠ CAUTION

Keep electrical components away from liquids. Components to be opened by professional technicians only. Use this table indoors only.

⚠ NOTICE

This table is designed for a 10% duty cycle. For every minute of operation the table should be allowed to rest for 9 minutes.

Table should be built in the room it is intended to be used in. Use two people to flip or move the table.

Keep unsupervised children away from the table. Ensure children understand the dangers of operating this table without supervision.

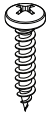
Do not sit or stand on table's base or worksurface. Do not exceed the 220 lb weight rating, including worksurface.

In the event of a power outage, or if any cord is unplugged, an initialization is required.

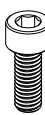
Components



A / 12 pcs (M5 x 20mm)



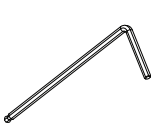
B / 2 pcs (M5 x 25mm)



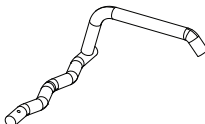
C / 8 pcs (M6 x 15mm)



D / 3 pcs (M3 x 20mm)



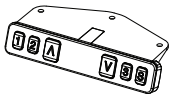
E / 1 pc (allen wrench)



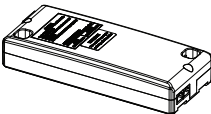
F / 2 pcs (cam lever)



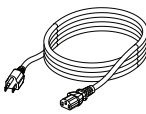
G / 2 pcs (cotter pin)



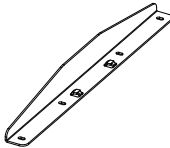
H / 1 pc (control keypad)



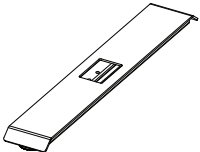
I / 1 pc (control box)



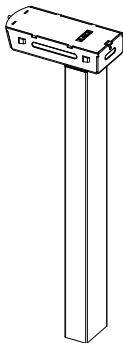
J / 1 pc (power cable)



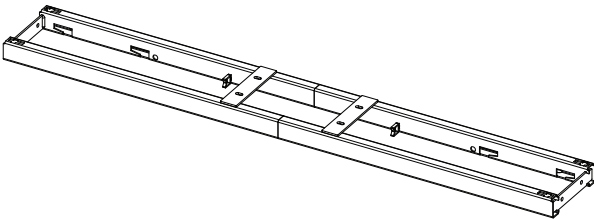
K / 2 pcs (side beam)



L / 2 pcs (foot)



M / 2 pcs (lifting column)



N / 1 pc (frame assembly)

Optional Cable



O / 1 pc (lifting column cable)

Optional Wire Management Clips



P / 10 pcs



Q / 4 pcs



R / 10 pcs (M3.5 x 16mm)

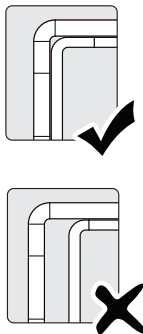
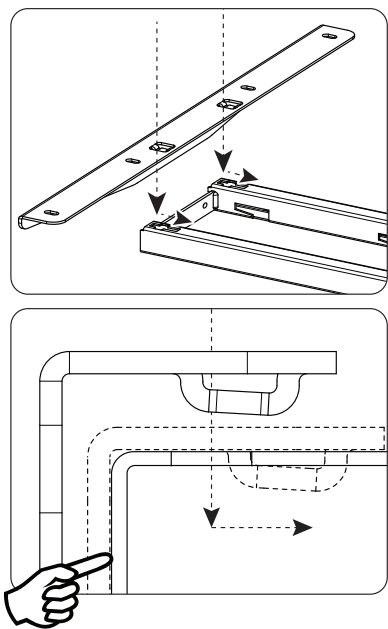
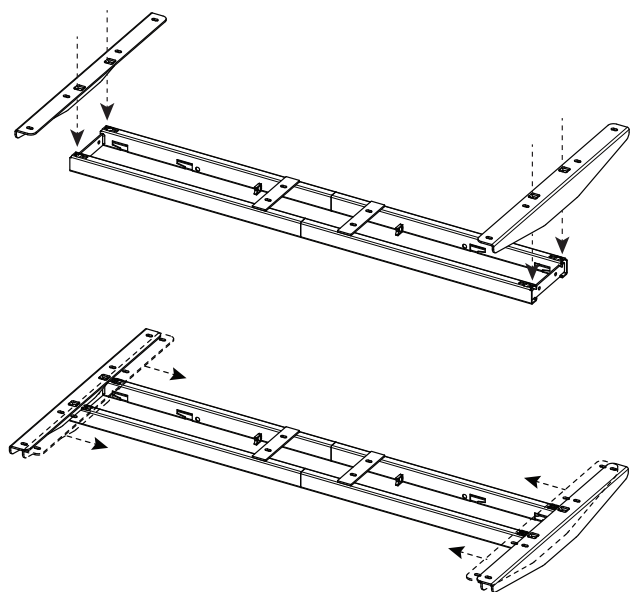


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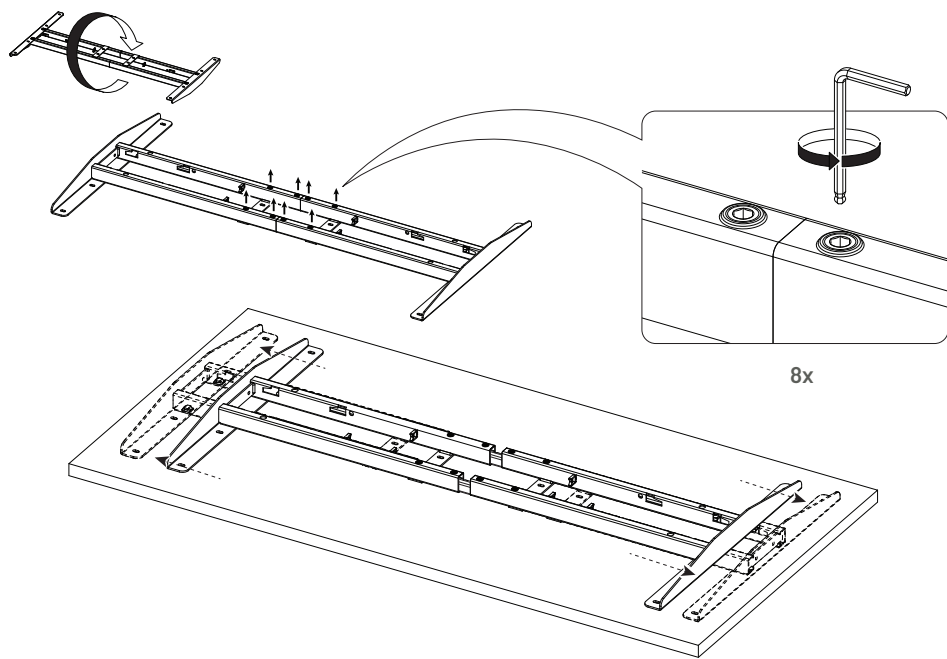
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Assembly

1



2

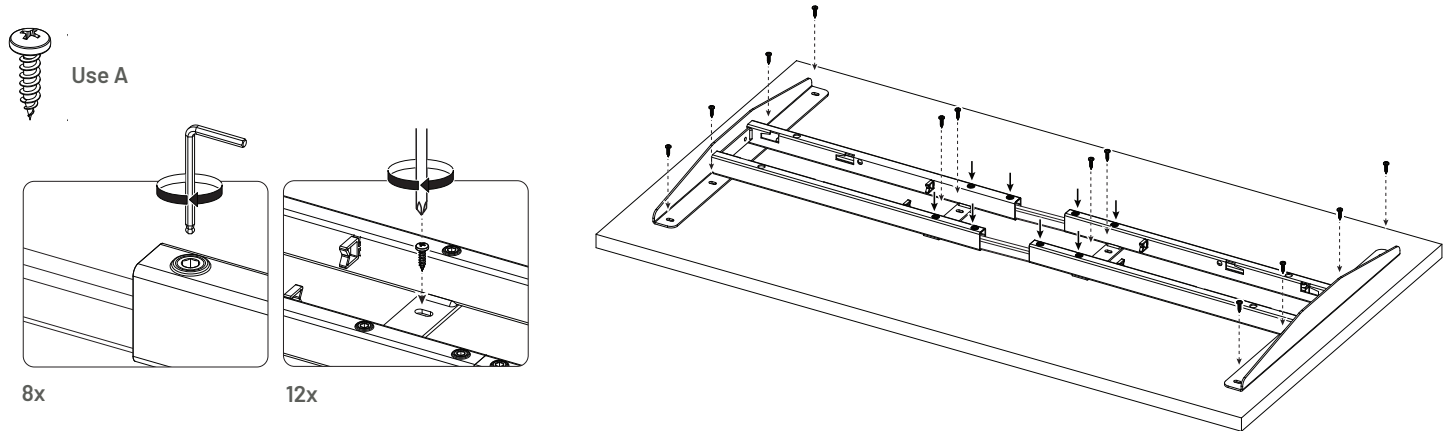


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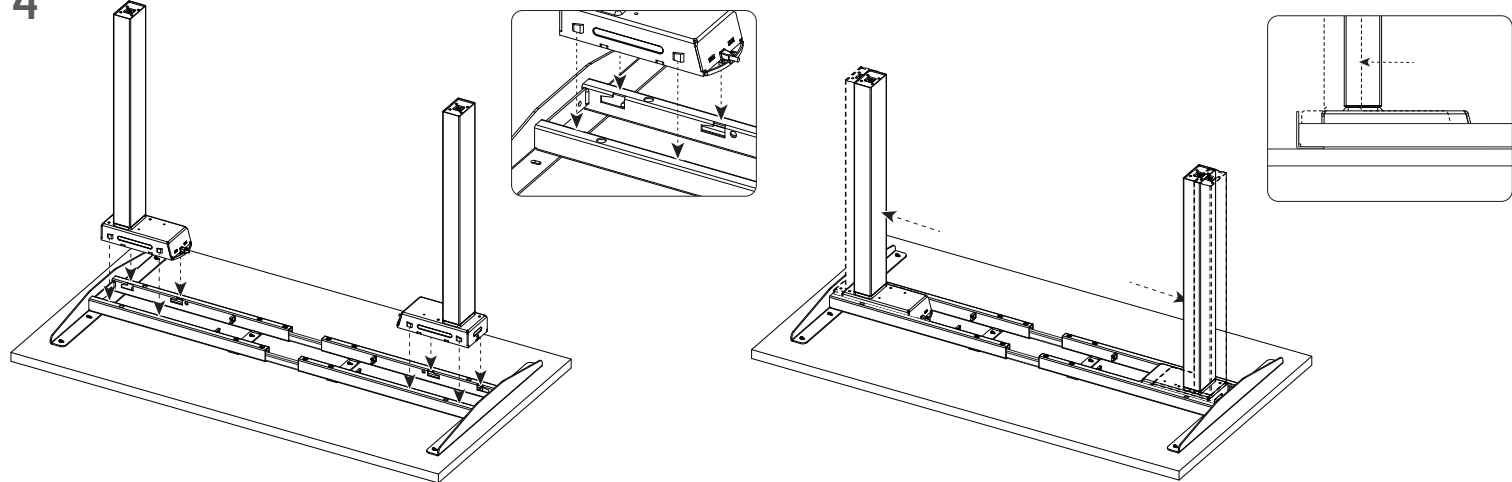
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Assembly

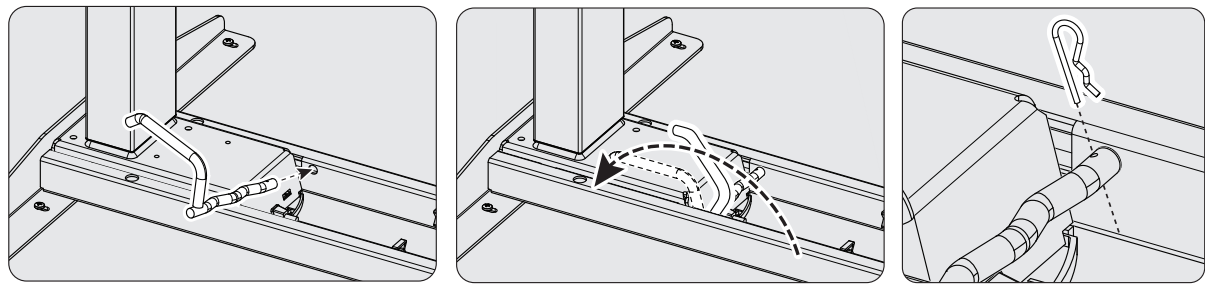
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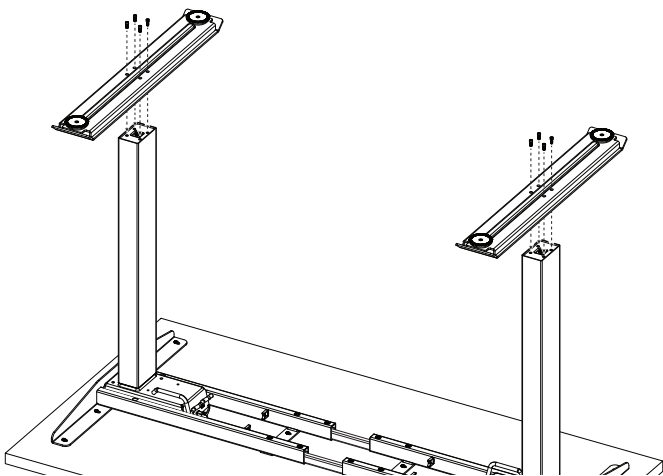
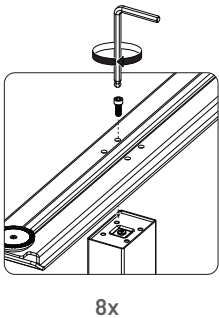


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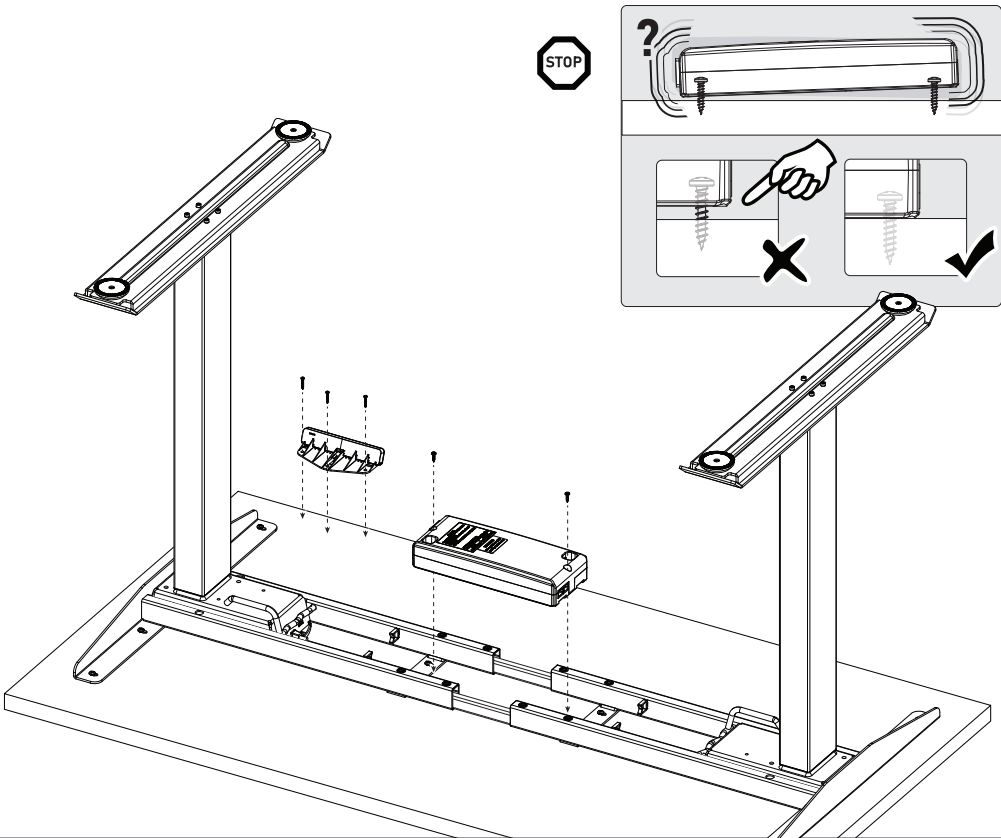
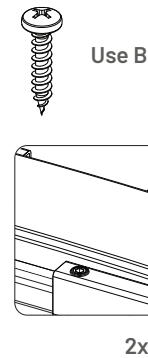
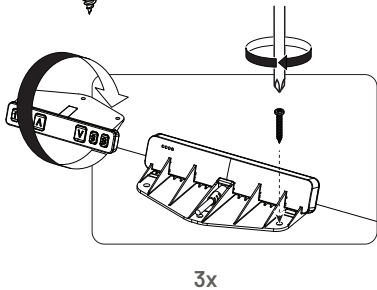
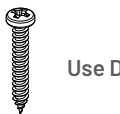
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Assembly

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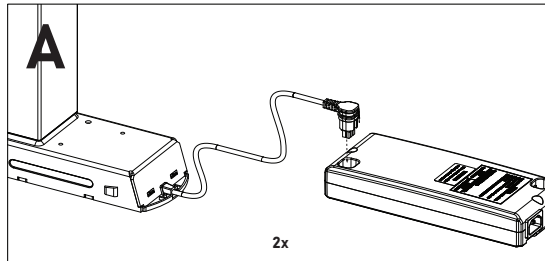
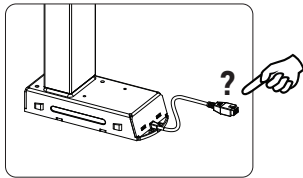


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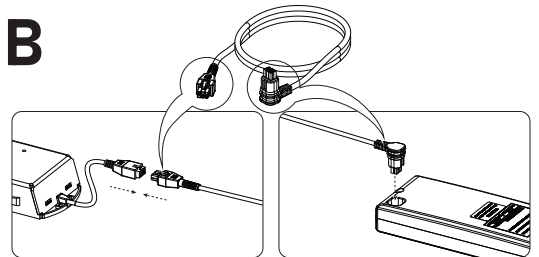
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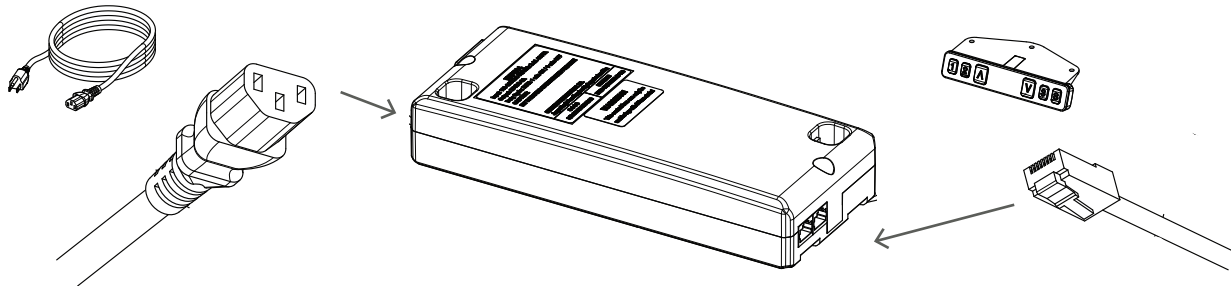
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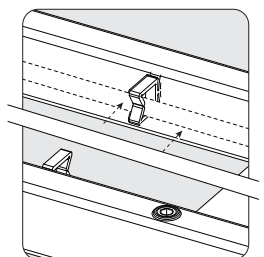
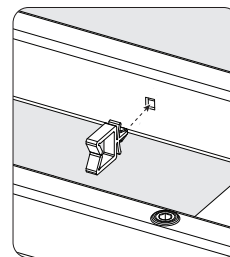
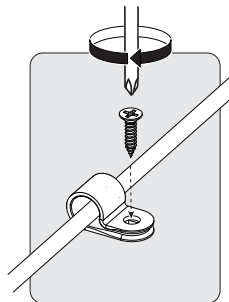
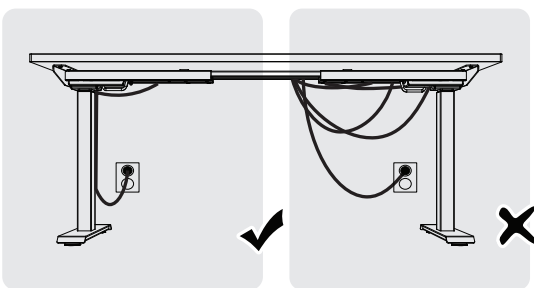
B



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Note: Check to make sure that the power cable and the table are free and clear of any obstacles. Table and cords must be able to ascend and descend without any binding, tightness, pulling, or collision interference.

Check all cords to assure they are fully seated and secured with the built-in connector clip and control box is level and securely fastened to the underside of the work surface.

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Initialization

STEP 1

Simultaneously, press and hold the UP and DOWN buttons.

The legs will begin to descend at half-speed of normal operation. Do not release buttons.

STEP 2

Continue holding both buttons. The legs will descend to the lowest position and then rebound slightly.

This rebound indicates that the base is initialized.

STEP 3

Release the UP and DOWN buttons.

Initialization is complete. Table can now be utilized in normal fashion.

Additional Information

ANTI-COLLISION

This table is equipped with a gyroscopic anti-collision system that is designed to detect unexpected changes in velocity and quickly reverse the motion of the table. This anti-collision system is only intended to help reduce the risk of the table causing accidental injury or damage and will not completely prevent incidents of collision. Extreme care should always be used when operating this table to ensure no obstructions interfere with its motion.

ERROR CODES

The first step for all troubleshooting will begin with Initializing. If Initialization continually fails, the handset will display an Error Code.

E01 • COLUMN MALFUNCTION

Possible Cause:

Lifting columns and control box are disconnected.

Troubleshoot:

- Check if the connection between the lifting columns and control box are loose. If so, reconnect and be sure that the end connectors are fully seated and secured with the built-in connector clip. Run Initialization again.

- If there is damage found on the cable connector or the control box receptor, they will need to be replaced. If able, note the defective item and supplier.

E02 • TOO FREQUENT OPERATIONS

Excessive, continuous lifting for 5 minutes.

Troubleshoot:

- Allow the base to rest for a minimum of 10 minutes.

E03 • TABLE OVERLOAD

Possible Cause:

The weight on the base is heavier than recommended.

Troubleshoot:

- Remove any weight from the table. Verify that the table is level and appears normal and run the Initialization process.

E04 • DATA EXCEPTION

Possible Cause: Data interrupted, Control Box operating at Extreme Condition

Troubleshoot:

- Run the Initialization process.

E05 • HANDSET BUTTON STUCK

Possible Cause: Button is stuck

Troubleshoot:

- Press the button several times to loosen/reseat the button. If the button does not become free, replace the handset.

E06 • COMMUNICATION INTERRUPTED

Possible Cause: Communication between the handset and the control box is interrupted.

Troubleshoot:

- Disconnect and reinstall the handset cable in the control box, assuring that the end connector is fully seated and secured with the built-in connector clip. If the connector will not fully seat and clip into the control box, determine if the handset connector is damaged or if the control box receptor is damaged. Replace damaged item.

E07 • HEIGHT SETTING SET TOO SMALL

Possible Cause: the height of the table was incorrectly set. The handset needs to have the height readout reset.

Troubleshoot:

- Reset the height readout
- Simultaneously press the S button and the UP button for approximately 3 seconds. The first digit will begin to blink.

Using the UP or DOWN buttons, set the desired height.

Press the S button. The next digit will begin to blink.

Repeat steps 2 and 3 to change the 2nd digit.

Press the S button and the 3rd digit will begin to blink.

Repeat steps 2 and 3 to change the 3rd digit.

Press the S button to apply the settings.

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Troubleshooting

ERROR CODES

The first step for all troubleshooting will begin with Initializing. If Initialization continually fails, the handset will display an Error Code.

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Possible Cause:

Lifting columns and control box are disconnected.

Troubleshoot:

- Check if the connection between the lifting columns and control box are loose. If so, reconnect and be sure that the end connectors are fully seated and secured with the built-in connector clip. Run Initialization again.
- If there is damage found on the cable connector or the control box receptor, they will need to be replaced. If able, note the defective item and supplier.

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Excessive, continuous lifting for 5 minutes.

Troubleshoot:

- Allow the base to rest for a minimum of 10 minutes.

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Possible Cause:

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- Remove any weight from the table. Verify that the table is level and appears normal and run the Initialization process.

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Possible Cause:

Data interrupted, Control Box operating at Extreme Condition

Troubleshoot:

- Run the Initialization process.

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Possible Cause:

Button is stuck

Troubleshoot:

- Press the button several times to loosen/reseat the button. If the button does not become free, replace the handset.

E06 • COMMUNICATION INTERRUPTED

Possible Cause:

Communication between the handset and the control box is interrupted.

Troubleshoot:

- Disconnect and reinstall the handset cable in the control box, assuring that the end connector is fully seated and secured with the built-in connector clip. If the connector will not fully seat and clip into the control box, determine if the handset connector is damaged or if the control box receptor is damaged. Replace damaged item.

E07 • HEIGHT SETTING SET TOO SMALL

Possible Cause:

The height of the table was incorrectly set. The handset needs to have the height readout reset.

Troubleshoot:

- Reset the height readout

- Simultaneously press the S button and the UP button for approximately 3 seconds. The first digit will begin to blink.

- Using the UP or DOWN buttons, set the desired height.

- Press the S button. The next digit will begin to blink.

- Repeat steps 2 and 3 to change the 2nd digit.

- Press the S button and the 3rd digit will begin to blink.

- Repeat steps 2 and 3 to change the 3rd digit.

- Press the S button to apply the settings.

E08 • LIFTING COLUMN MOTOR SHORT CIRCUIT

Possible Cause:

Motor cable damaged; motor damaged

Troubleshoot:

- Inspect for any visible damage is done to the motor cable.

- If no damage is found, wait 5 minutes and run Initialization.

- If damage IS found, then it will need to be replaced with a new leg.

E09 • HALL SIGNAL INTERFERENCE

Possible Cause:

Hall signal abnormal, obstruction in table operation

Troubleshoot:

- Inspect the area for any object that is interfering above or below the tabletop. Run the Initializing process.

- If Initialization process cannot run, replace the damaged part.

E10 • CONTROL BOX DRIVE ABNORMAL

Possible Cause:

Malfunction inside the control box

Troubleshoot:

- Disconnect the base from the main power source and let it rest for a minimum of 1-2 minutes. Plug the base back into the power source and run the Initialization process.

- If Initialization process cannot run, replace the damaged part.

E11 • POWER ADAPTER FAILURE

Possible Cause:

Power Adapter malfunction inside the control box

Possible Cause:

- Disconnect the base from the main power source and let it rest for a minimum of 5 minutes. Plug the base back into the power source and run the Initialization process.

- If Initialization process cannot run, replace the damaged part.

E12 • GYRO SENSOR MALFUNCTION

Possible Cause:

Gyro sensor malfunction, obstruction in table operation

Possible Cause:

- Inspect control box and ensure that it is tightly secured to the bottom side of the tabletop.

- Disconnect the base from the main power source and let it rest for a minimum of 1 minute. Plug the base back into the power source.

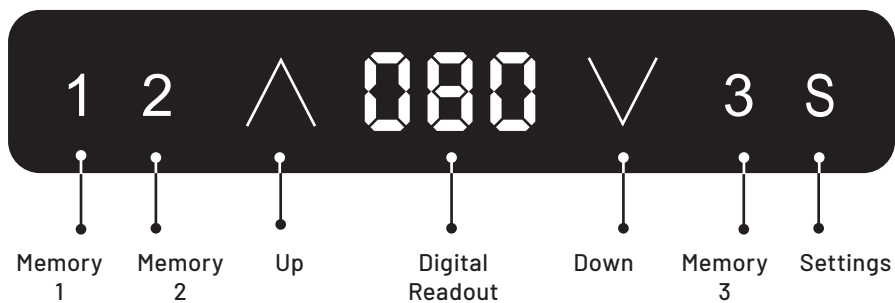
- Inspect the area for any object that is interfering above or below the tabletop. Run the Initializing process.

- If Initialization process cannot run, replace the damaged part.

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Memory Controller Handset Functions



Handset Operation Instructions

1. INITIALIZATION STEPS

1	Press and hold ^ & V simultaneously for more than 6 seconds	Legs begin to move down at half the speed of normal operation
2	Keep pressing ^ & V	Legs move down to the lowest position and rebound 2-5 mm, then stop
3	Release ^ & V together	Initialization is completed

The initialization procedure must be completed first after the table is installed or parts are replaced.

2. MOVE UP AND DOWN

1	Press and hold ^	Legs move up
2	Release ^	Legs stop
3	Press and hold V	Legs move down
4	Release V	Legs stop

3. SET MEMORY POSITIONS 1/2/3

1	Press and hold ^ & V, then release	Run the legs to your desired height
2	Click button S, then click button 1, 2 or 3 within the next 3 seconds	Position 1, 2, or 3 is saved

- Memory position will be erased after initialization
- Memory position can be overwritten

4. MOVE TO MEMORY POSITIONS

1	Press and hold button 1, 2, or 3	Legs return to the corresponding saved position
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5. ONE-CLICK OPERATION TO MEMORY POSITION 1/2/3

1	Press and hold button 1, 2, or 3	Legs move to the memory position
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Handset Operation Instructions

6. MEMORY KEY ONE-CLICK LIFTING FUNCTION

1	Hold S button over 5 seconds	Subtitles flashing on the screen “- -”
2	Release S button, hold 1 button in for 3 seconds	“H-0” or “H-1” shows on the screen, indicating lock or unlock of the one-click lifting function
3	Hold ^ or v to change the existing function	“H-0” indicates function off; “H-1” indicates function on
4	Hold S button for 2 seconds	One-click lifting function is on or off

· One-click lifting function is turned off by default

7. SET IMPERIAL OR METRIC SYSTEM

1	Hold S button, then hold v button for 3 seconds	Display height switches between centimeters and inches
2	Release v	Switch complete

- Imperial system minimum change in height is 0.5 inches
- Metric system minimum change in height is 1 centimeter

8. CORRECT DISPLAY HEIGHT TO OFFICE TABLE HEIGHT

1	Set the table at any height, recommended at the bottom position	Measure the table height and write down the number in inches or centimeters
2	Hold S buttons and hold ^ button over 3 seconds	First digit flashing on screen
3	Release button, then click ^ or v to adjust the first digit	Increase or decrease the first digit on the screen to your measured number
4	Click S button	Second digit flashing on screen
5	Click ^ or v to adjust second digit	Increase or decrease the second digit on the screen to your measured number
6	Click S button	Third digit flashing on screen
7	Click ^ or v to adjust third digit	Increase or decrease the second digit on the screen to your measured number

8	Click S button	Setting complete
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- Check whether the handset display format matches your measurements in centimeters or inches
- Imperial system minimum change in height is 0.5 inches
- Metric system minimum change in height is 1 centimeter

9A. SET THE RISING HEIGHT LIMIT

1	Press and hold ^ or v, then release	Run the legs to your desired height position
2	Hold S button, then hold 3 button for more than 3 seconds	The caption “-L-” is displayed on the screen, indicating that the current height is locked as the highest running height
3	Release the key	Setting complete

- The column cannot run higher than the locking height
- Setting the highest stroke limit will erase the memory positions higher than the locking height, and even if the unlocking operation is performed, the memory positions higher than the locking height cannot be recovered.
- You must reset the memory position according to the setting instruction for memory position
- The locking height will not be unlocked after initialization

9B. SET THE LOWERING HEIGHT LIMIT

1	Press and hold ^ or v, then release	Run the legs to your desired height position
2	Hold S button, then hold 1 button for more than 3 seconds	The caption “_L_” is displayed on the screen, indicating that the current height is locked as the lowest running height
3	Release the key	Setting complete

- The column cannot run higher than the locking height
- Setting the highest stroke limit will erase the memory positions higher than the locking height, and even if the unlocking operation is performed, the memory positions higher than the locking height cannot be recovered.
- You must reset the memory position according to the setting instruction for memory position
- The locking height will not be unlocked after initialization

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Handset Operation Instructions

10. UNLOCK STROKE LIMIT

1	Press and hold S button, then press and hold 2 button for over 2 seconds	The caption “-C-” is displayed on the screen, indicating that the stroke limits are both unlocked
2	Release the button	Complete

11. ADJUSTING THE SENSITIVITY OF GYRO ANTI-COLLISION

1	Press S button for more than 5 seconds	Subtitles flashing “- - -” on the screen
2	Release S button and click the 3 button within 3 seconds	“G-N” subtitles are displayed on the screen, indicating current Gyro anti-collision sensitivity level (N indicates the sensitivity level)
3	Click ^ or v to adjust the anti-collision sensitivity	Increase or decrease the anti-collision sensitivity: “G-0”, “G-1”, “G-2”, “G-3”, “G-4”, where G-4 indicates the highest sensitivity
6	Hold S button for 2 seconds	Sensitivity adjustment complete

12. TROUBLESHOOTING

After connecting the power, press ^ or v, the legs have no response	Re-initialize the table; check if the connection is correct or not; if problem persists, please contact your supplier
After connecting the power, press and hold ^ & v together, the legs have no response	Check if the connection is correct or not; please contact your supplier
Legs rising slowly	Check in the input power is correct or not; if problem persists, please contact your supplier
The legs don't move according to your operation	Please contact your supplier
One leg moves while the other leg does not move	Check if the connection is correct or not; if problem persists, please contact your supplier
Legs only move down and don't move up	Re-initialize the table; if problem persists please contact your supplier
Table slides down itself	Check if the weight of the load on the table exceeds 75kg; if problem persists, please contact your supplier
The table goes into initialization frequently	Check if the weight of the load on the table exceeds 75kg; check the noise of the motor; if problem persists, please contact your supplier