

**Attention!!!**

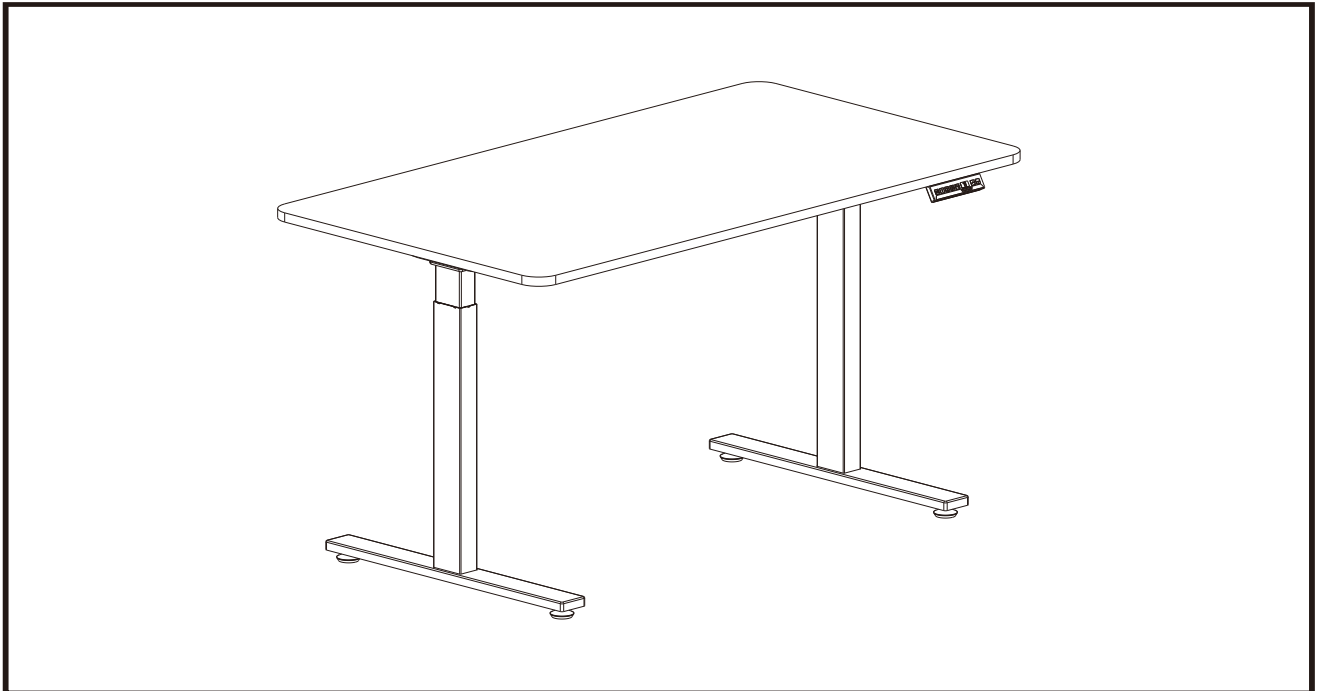
**Please use the attached lift base mounting instructions. The instructions in the desk top do not match our upgraded synchronized dual motor lift base.**

**If you have any questions Please call Customer Service at 619-671-5100.**

**MARTIN**  
FURNITURE

# Electric Height Adjustable Desk 2-Leg

## User Guide



### CAUTION

**MAKE SURE NO OBSTACLES ARE IN THE DESK'S PATH AND ALL CORDS ARE OF APPROPRIATE LENGTH FOR DESK TRAVEL. FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY, AND OPERATION INSTRUCTIONS AND WARNINGS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS PROPERTY DAMAGE OR BODILY INJURY.**

### IMPORTANT:

Any user or installer of desk base must study this manual carefully.  
If this desk is sold, please provide the manual to the buyer.

TABLE OF CONTENTS	PAGE
1. SAFETY AND WARNINGS	2
2. USAGE	2
3. SETUP AND INSTALLATION	2
4. PARTS LIST	3
5. ASSEMBLY INSTRUCTIONS	4
6. TECHNICAL SPECIFICATIONS	8
7. TROUBLESHOOTING GUIDE	8
8. ADVANCED PROGRAMING FUNCTIONS	9

## 1. SAFETY AND WARNINGS

- Inappropriate use of this product may cause property or bodily injury.
- Check surroundings on all sides before using the desk. Body parts and property can be crushed if trapped between an immobile obstacle and the desk's range of motion.
- Ensure the length of power cords are accounted for when operating the desk. Monitors, computers, speakers, anything with a cord that is not long enough for the desk's range of motion could be pulled down or have its wires broken. Items pulled off the desk may cause other items to fall.
- Please provide this operation to any users, installers, or support personnel operating the product.

## 2. USAGE

This height adjustable desk has electric motors and is designed for use in dry work areas only. The desk height is adjustable so that it can be positioned at the most ergonomically suitable height. These desks are designed only for the purposes included in this manual. They should not be used in environments with high humidity or dampness. Any other use is at user's risk.

Do not move around, crawl or lie under the desk frame. Do not sit or stand on the desk frame.

Children should never use the desk unless they are supervised by adults.

**Liability:** Under no circumstances does the manufacturer accept warranty claims or liability claims for damages caused from improper use or handling of the desk frame other than that which is described in this operation manual.

## 3. SETUP AND INSTALLATION

Once the desk has been assembled, adjust the feet so that the desk is level and does not shift its position. After this, connect the desk to the 110v or 220v outlet and the desk is ready for use.

Check that no cables can get jammed.

Choose a placement for the desk that's a safe distance from window frames, radiators, furniture etc. so that people do not get stuck or trapped by the desk.

Do not place any objects that are taller than 54cm(21") underneath the desk.

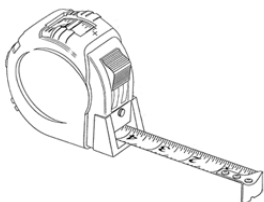
After it has been assembled, when moving the desk, DO NOT lift the desk by the desktop. Lifting this way can stress the fasteners connecting the desk base to the desktop. Lower the desk completely and lift the desk by grabbing the top of the desk base or by removing the desktop first.

## 4. PARTS LIST

### Tools Required



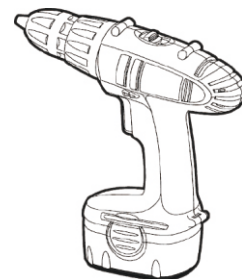
4mm  
Allen Wrench (included)



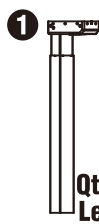
Tape Measure



Philips Head Screwdriver, and/or Power Drill



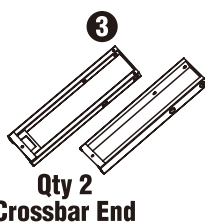
### Components



Qty 2  
Legs



Qty 2  
Feet



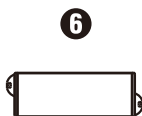
Qty 2  
Crossbar End



Qty 2  
Crossbar Center Rails



Qty 2  
Side Brackets



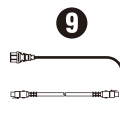
Qty 1  
Control Box



Qty 1  
Handset



Qty 4  
Leveling Studs



Qty 2  
Wires  
Qty 1 power cord  
Qty 1 connecting  
cables

### Hardware



Qty 16  
M6X12  
Machine  
Screws



Qty 4  
M6X8  
Flat Head  
Screws



Qty 10  
M5X18  
Pan Head  
Screws



Qty 5  
Cable  
Clips



Qty 10  
Washers

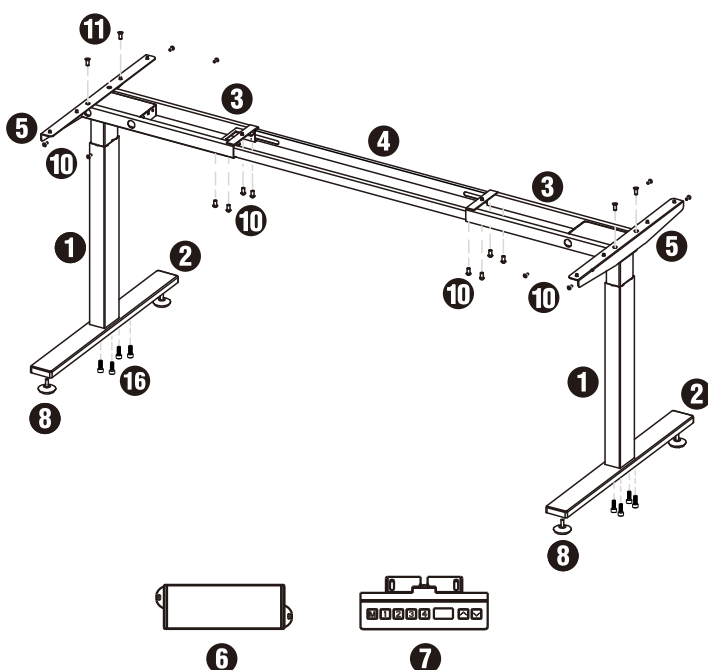


Qty 2  
M4X12  
Pan Head  
Screws



Qty 8  
M6X16  
Machine  
Screws

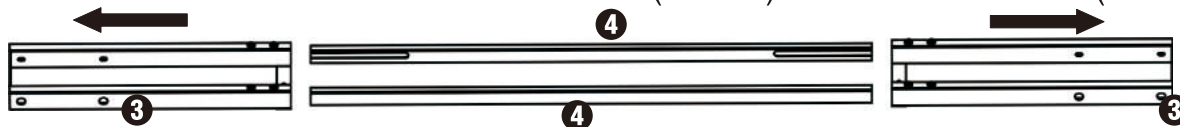
Please count all pieces before disposing of any carton or packing material. Use a padded or carpeted area for assembly to avoid damage. For ease and safety, we recommend two people for assembly.



Part #	Description	Qty
1	Leg	2
2	Foot	2
3	Crossbar End	2
4	Crossbar Center Rail	2
5	Side Bracket	2
6	Control Box	1
7	Handset	1
8	Leveling Studs	4
9	Wires (Power & Connector wires)	2
10	M6x12 Machine Screw	16
11	M6x8 Flat Head Screw	4
12	M5x18 Pan Head Screw	10
13	Cable Clips	5
14	Washers	10
15	M4x12 Pan Head Screw	2
16	M6x16 Machine Screws	8

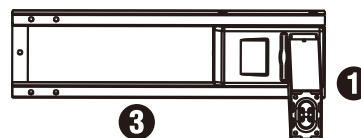
## 5. ASSEMBLY INSTRUCTIONS

A. First, Lay out all components and hardware on a soft surface (blanket or carpet) to ensure you do not scratch your floor and that you have all the parts listed on the components list. Then Slide Crossbar Center Rails (Part #4) out of Crossbar Ends (Part #3).



*This will end up being the top side of the desk.*

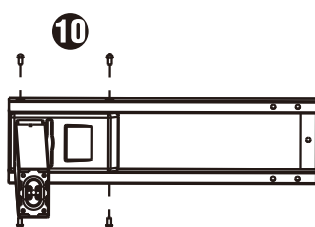
Turn Legs (Part #1) and Crossbar Ends (Part #3) on their sides.



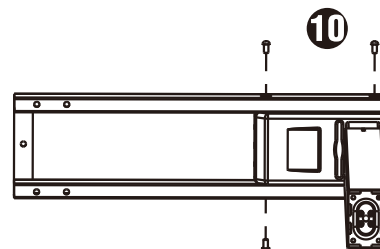
Line up the holes on each Leg (Part #1) with the holes on each Crossbar End (Part #3).

B. **IMPORTANT! DO NOT TIGHTEN SCREWS IN THIS STEP, ONLY INSERT THEM AND ROTATE 3 TIMES. YOU WILL TIGHTEN IN STEP D.**

Insert qty 4 Machine Screws (Part #10) through the 2 holes of each Crossbar End (Part #3) going into the Leg (Part #1). Using the Allen Wrench, rotate each screw ONLY 3 times.



*Do not tighten machine screws yet, only rotate each 3 times.*

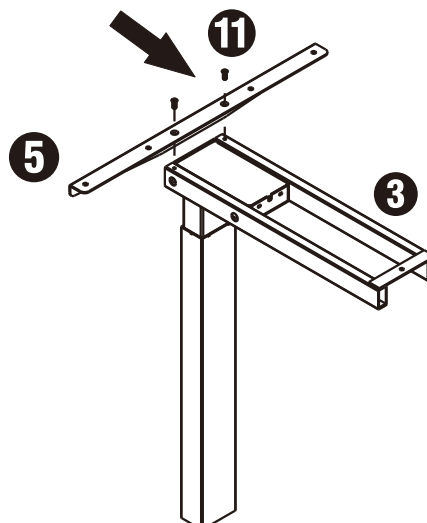


*If you drop a screw inside the Crossbar End, simply tilt to retrieve the screw.*

C. **IMPORTANT! DO NOT TIGHTEN SCREWS IN THIS STEP, ONLY INSERT THEM AND ROTATE 3 TIMES. YOU WILL TIGHTEN IN STEP D.**

Line up the 2 holes on the Side Brackets (Part #5) with the Crossbar End and Leg assembly from the previous step.

Insert qty 4 Grub Screws (part #11) through the 2 holes on each Side Bracket (Part #5) going into the Crossbar End/Leg Assembly. Using the Allen Wrench, rotate each screw ONLY 3 times.



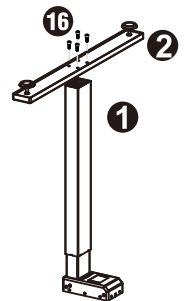
*If you are having trouble getting all the screws started, it is because other screws are too tight. You'll need to back out some screws in order to loosen the tolerance of the screw holes.*

D. Once all of these screws have been started, you can now tighten the qty 4 Grub Screws (Part #11 ) from Step C and the qty 8 Machine Screws (Part #10 ) described in Step B (12 screws in total).

E. Slide Crossbar Center Rails (Part #4) back into Crossbar Ends (Part #3). Ensure the slots of the Crossbar Center Rails are facing inward.



F. Attach each Feet (Part #2) with qty 4 Machine Screws (Part #16) and tighten bolts in a cross pattern. Attach 2 Level Studs (Part # 8) on each foot.




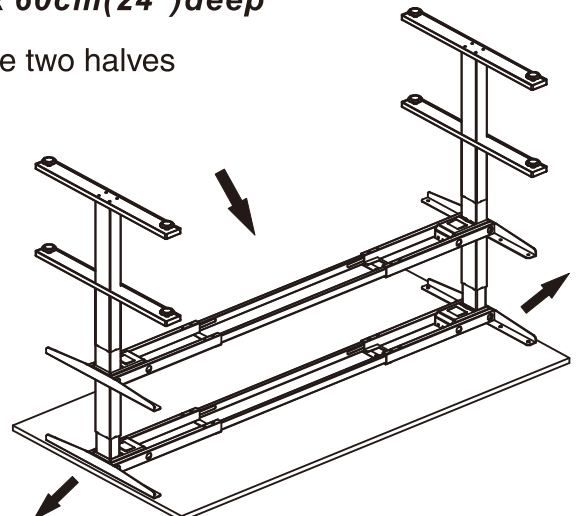
G. Your desktop may or may not be pre-drilled. Please check both sides of the desktop before placing the desk base on it for pre-drilling! Carefully place the upside down desk base on the underside of the desktop.

If your model has pilot holes -Expand the frame side to side to line up holes on part #5.  
If your model does not have pilot holes - expand the frame side to side leaving a approximately 2 " on each side from the edge of the desk then center front to back.


**Note: minimum top size: 110cm(43")wide x 60cm(24")deep**

Adjust the width of the base to fit the desktop by sliding the two halves outward 101cm(40") to 174 cm(68.5") max.


 Center the frame by using the desktop edge as a reference. Measure to the metal brace. Do not use the screw holes as a point of reference.



H. Double-check that the base is centered on the underside of the desktop and is located where you want it. Also, double-check that the included wood screws are not too long for your desktop and won't puncture the surface when screwed all the way in.



We recommend you pre-drill .5" in deep holes needed for fasteners connecting the base to the top. **NOTE: PLEASE ENSURE THAT YOUR DESKTOP DOES NOT ALREADY HAVE HOLES BY CHECKING BOTH SIDES.** This will make it easier to attach the screws and will greatly lessen the stress caused by driving a screw into the desktop material.

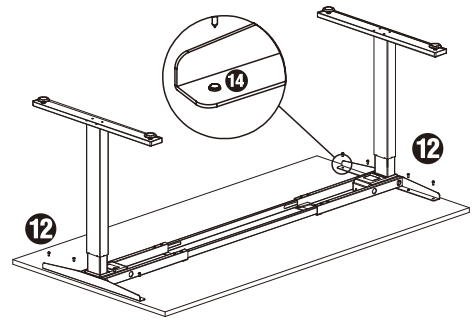


Never use countersunk screws to fasten into the desktop. This will cause much greater stress on the desktop. Ensure any screw used will not puncture through the desktop surface or otherwise damage the material.


Now, proceed with securing the desk base to the desktop using qty 8 of the Pan Head Screws (Part #12).

Install as follows:

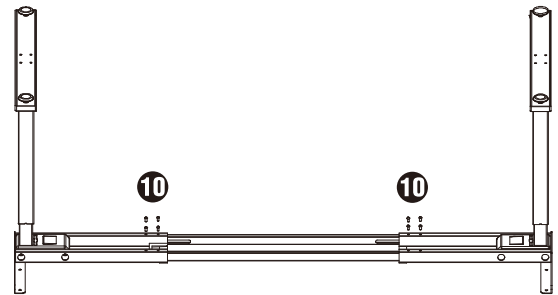
- 4 per Side Bracket (left)
- 4 per Side Bracket (right)



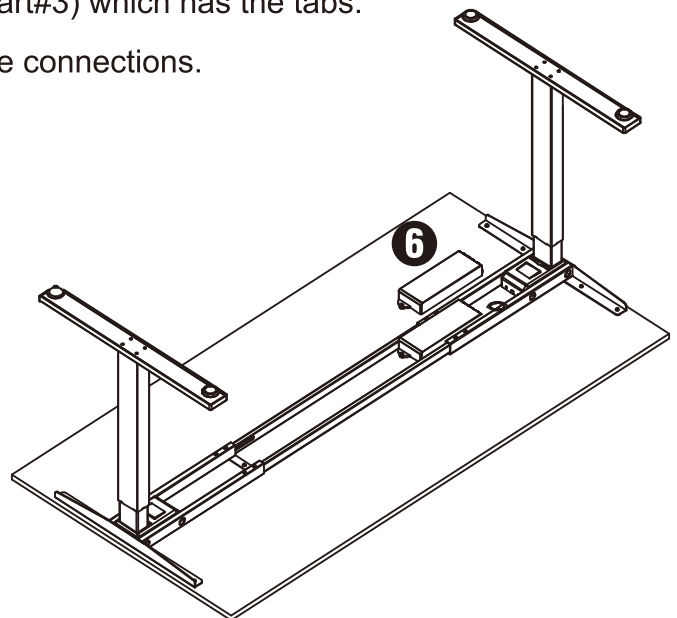
I. Secure the Center Rails at both ends using qty 8 Machine Screws (Part#10) qty 4 per side.



Ensure that the screw hits the metal center rail by sliding the center rail as needed.



J. Insert the Control box into the cross bracket (Part#3) which has the tabs. Ensure enough clearance at the wire ports for cable connections.



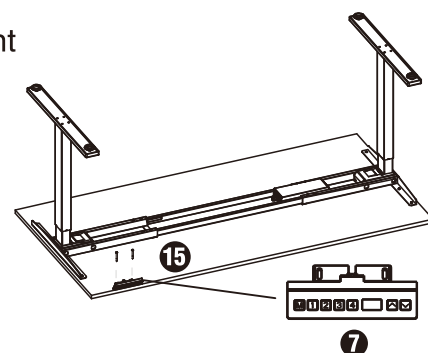


- K. **IN THIS FOLLOWING STEP, DO NOT OVERTIGHTEN SCREWS. OVER TIGHTENING COULD CAUSE THE PLASTIC ON THE COMPONENTS TO BREAK.**

Place the Handset (Part #7) so the front of the Handset runs flush with the desktop edge. The Handset can be placed anywhere along the front edge of the desk, but we recommend placing it near the side so it doesn't interfere with your chair or legs when seated.

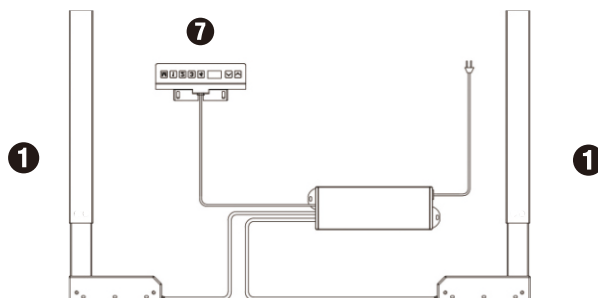
Your desk may or may not be predrilled.

Use qty 2 of the Pan Head Screws (Part #15) to attach the Handset (Part #7) to the desktop.



- L. Connect the wires as per the diagram below. Use the adhesive-backed Cable Clips (Part #13) to secure the Connecting Wires, so they don't sag.

If your desk top has a built in Power Center you can plug the lift into the power center to minimise the cord to the wall outlet.



- M. Turn the assembled desk right-side-up. With two people lift the desk by the base and the top. Then turn the assembled desk right-side-up. Adjust the leveling studs on the feet (Part #2) as needed.



**MAKE SURE NO OBSTACLES ARE IN THE DESK'S PATH.  
MAKE SURE ALL CORDS ARE OF A LENGTH THAT WILL  
ACCOMMODATE THE CHANGE IN HEIGHT.**

- N. Plug the Power Cord into a 110v or 220v outlet

**IMPORTANT!**

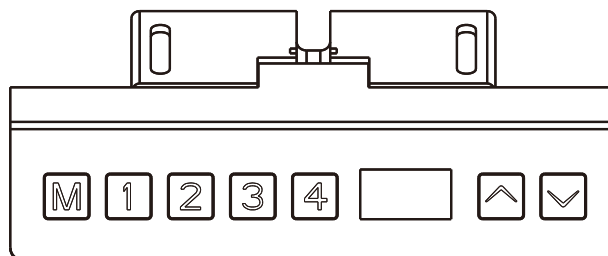
**You must RESET the desk prior to use:**

Press and hold the DOWN button on the Handset (Part #7) until the desk reaches its lowest height. Release the DOWN button. Press and hold the DOWN button again for about 10 seconds until the desk lowers a little bit more, slightly rises and stops. Release the DOWN button.

Your desk is now ready to use.

To program up to four presets:

Use the up/down buttons to find a desired height, then press "M" followed by a number 1 – 4.





## 6. TECHNICAL SPECIFICATIONS

Height Range	Lift Only-24"(61cm)to 41"(104cm)-PIUS desk Top
Base Width	101cm (40") min to 174cm (68.5") max
Travel Speed	20mm (1.5") per second
Weight Capacity	32KG( 70 lbs)
Duty Cycle	10%, Max. 2 mins on, 18 mins off
	4 Memory presets Soft Start/Stop Adjustable leveling studs

## 7. TROUBLESHOOTING

--Reset Instructions--

If experiencing error messages showing on the Handset or no response when trying to raise or lower:

Unplug the power cable and plug cord back in, Reset by holding "down" button for 5 seconds. The desk will reach its lowest height and slightly rises and stops. (buzzer will remind by "bee" which means "reset" have finished)

If the desk crashed into something or there is a sudden force on it, our anti-collision feature will detect and move the desk into opposite direction and stop. If the handset display "E8", it is desk inclination remind and this code will disappear after 15 seconds automatically.

If the handset displays E11 or E21, confirm that all wired connections are secure (legs to cables, cables to control box). Then perform the reset procedure above. If the error message persists after the reset procedure or if the height between the legs exceeds 5cm (2 inches) stop the reset procedure and contact us or local distributors.

If the handset displays "HOT", let the base rest and cool down for 20 minutes.

If the desk seems to be uneven, try the reset instructions above. If that does not work you may need to adjust the levelers at the bottom of the foot.



In the event of a power outage or if the power cord is unplugged, a manual reset may be necessary (see Reset Instructions above)



This product is designed with a duty cycle of 10% (2 min. on, 18 min. off)



Keep Children away from electric height-adjustable desks, control units and handsets. There is a risk of injury and electric shock



Do not open any of the components: lifting columns, control box, or handset. There is a danger of electric shock



Keep all electrical components away from liquids



## 8. ADVANCED PROGRAMING FUNCTIONS

### 1. HEIGHT CONTROL UP AND DOWN

The UP and DOWN buttons are used for moving the table up and down when the user presses the button.

### 2. FOUR MEMORY PRESETS

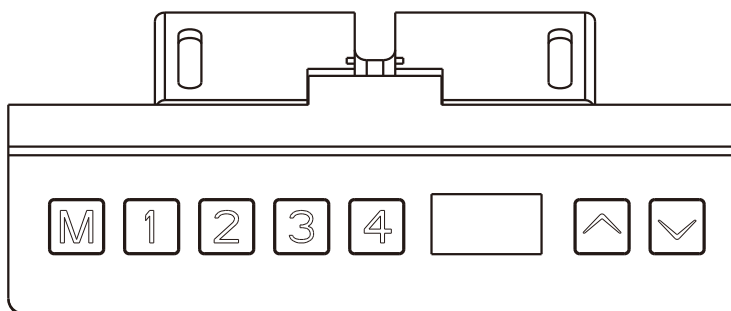
Use the UP/DOWN button to find a desired height, then press “M” and release, the handset will display “set”, choose number 1-4.

### 3. LOCK FEATURE

Press and hold “up+down” for 5 seconds until the screen show “LOC”, now your desk is locked.

#### TO UNLOCK

Press and hold “up+down” for 5 seconds until the screen show the current height, now your desk is unlocked.



7

# FCC Instruction

Caution: Change or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

# MARTIN

## FURNITURE

Martin Furniture, 2345 Britannia Blvd, San Diego, CA 92154  
(800) 268-5669 / [www.martinfurniture.com](http://www.martinfurniture.com) / [info@martinfurniture.com](mailto:info@martinfurniture.com)