ELECTRIC HEIGHT ADJUSTABLE DESK
(Anti-Bacterial Surface)

UV flashlight included

48"

24"
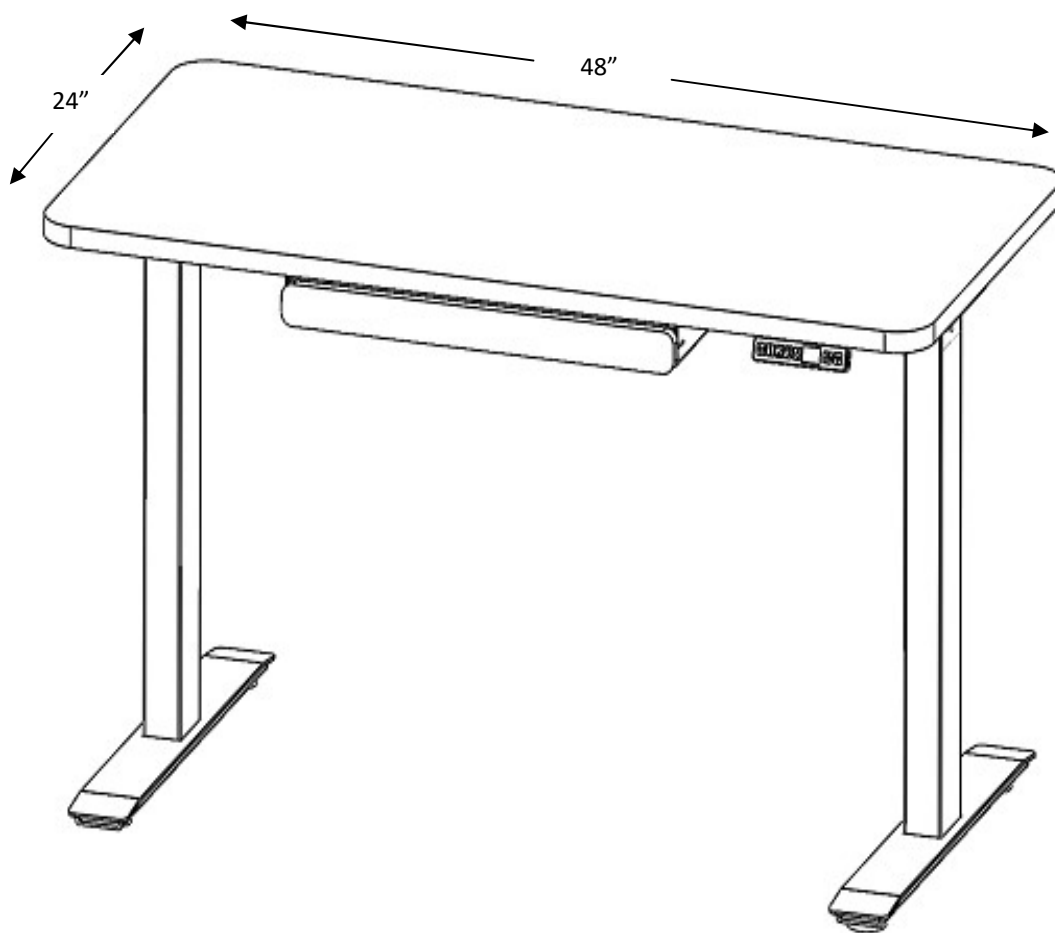
Assembly Instructions

TABLE OF CONTENTS

SAFETY INSTRUCTIONS

WARNING!

FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY AND OPERATING INSTRUCTIONS AND WARNINGS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS BODILY INJURY.

TO ASSURE SAFER OPERATION:

⚠	Read and understand this manual before attempting to install or operate.

⚠	Assure that everyone who uses this product is informed of the contents of this manual. This is the responsibility of the Purchaser.

⚠	This product is not intended for use by young children or for those persons who require supervision.

Safe use of this product is possible only when the operating instructions are read completely and the instructions contained are strictly observed. Persons who do not have the necessary experience or knowledge of this product must not use the product. Persons with reduced physical or mental abilities should not use this product, unless they are under supervision or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons. Children should be closely supervised to ensure that they do not play with this product.

⚠	This product must be INITIALIZED before use. Read the initialization part of the manual first prior to operating.

BEFORE INSTALLATION, REINSTALLATION, OR TROUBLESHOOTING:

• Switch power off and disconnect power cord from the power outlet.

• Remove any loads or items from the work surface because movement may occur unexpectedly.

BEFORE START-UP:

• Make sure desk has been initialized.

• Check all connections and cables. Make sure control box is connected to a power outlet.

• If the control box makes unusual noises or emits an odor, switch power off immediately.

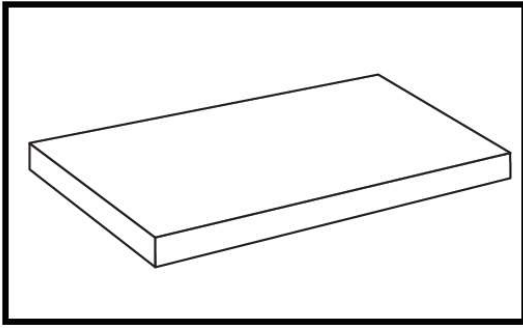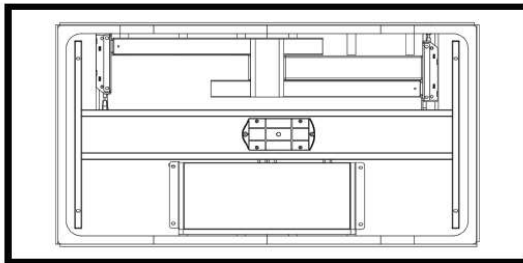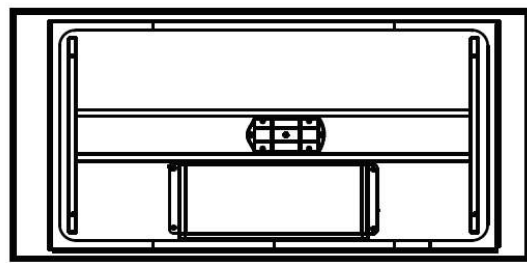# UNPACKING & COMPONENTS

TABLE & COMPONENTS BOX

TABLE TOP VIEW

COMPONENTS

PRE-ASSEMBLED TABLE BOTTOM VIEW

The desk comes in one box. Carefully remove the contents from the package and inspect all components for damage. Don't install if there is visible physical damage on any component. The table top and frame *with the control box are PRE-ASSEMBLED* making it quick and easy to assemble.
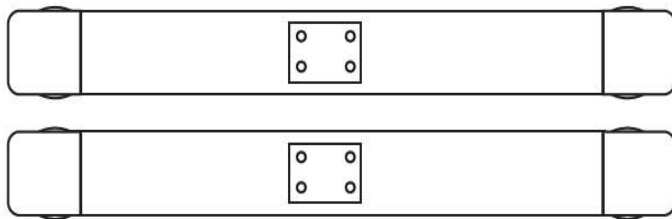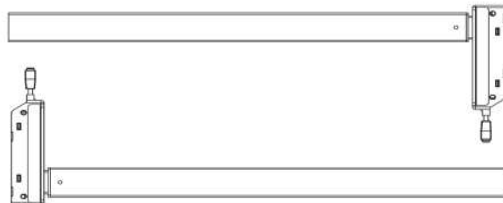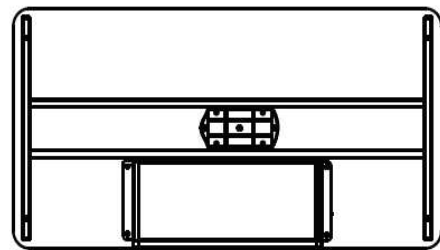

Table Foot x2
(TA6.101.039)

Control box x1
(TA3.624.028)

Table Column x2
(TA4.033.313)

Pre-Assembled Table Top x1 (TA8.610.271)
Support Beam x1 (TA8.038.185)
Support Bracket x1 (TA8.071.036)
Drawer x1 (TA6.930.012)

Height Controller with
USB Charging x1
(1103800)

Motor Cable x2
(TA6.640.360)

Power Cable x1
(TA6.641.067)

HARDWARE CONTENTS

Ref.	Qty.	Description		Ref.	Qty.	Description	
A	16	M6x16 Hexagon Screw		C	1	4mm Allen Wrench	
B	2	ST4.8x13 Pan Head Screw		D	1	UV Flashlight	

DESK DIAGRAM

Desk Support Bracket

Work Surface

Control Box

Drawer

Height
Controller

Lifting Column

Control Box

Opposite Side Of Control Box

115V Power Cord Plug

Lifting Column
Connection

Lifting Column
Connection
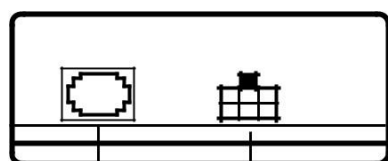
Height Controller
Connection

INSTALLING COLUMNS

Place desk top on a flat and non-abrasive surface. Carefully place under frame onto the desk top. The under frame is heavy two people will be needed to move the under frame and turn over the desk after it is done.

Make sure column is set properly onto the frame as shown below and use the M6x16 Hexagon Screws to secure the column onto the pre-installed frame.

Use (A) M6x16 Hexagon Screw
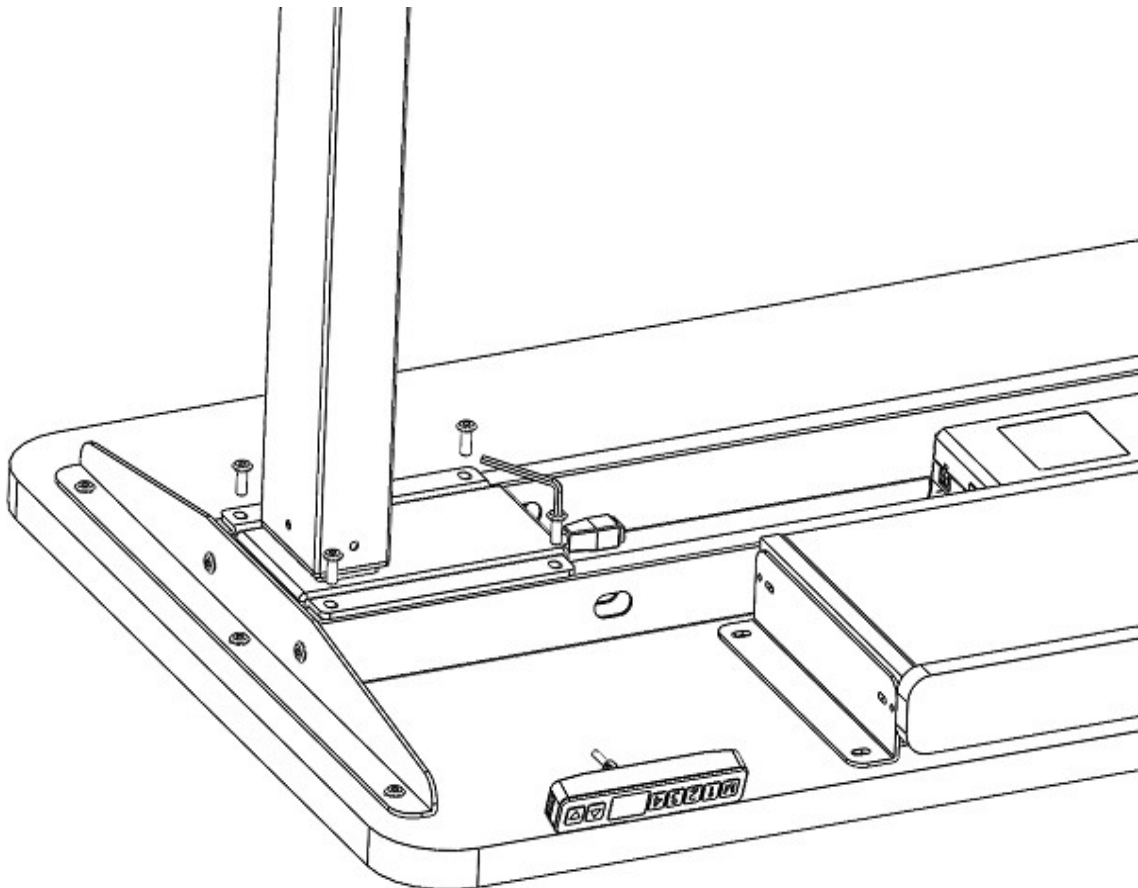
INSTALLING FEET

Use **4mm** Allen wrench (**c**) to secure each foot with four M6x16 Hexagon Screws (A).

(see page 4 for reference)

A) M6x16 Hexagon Screw

C) 4mm Allen Wrench

A)M6x16 Hexagon Screw

Foot

Column
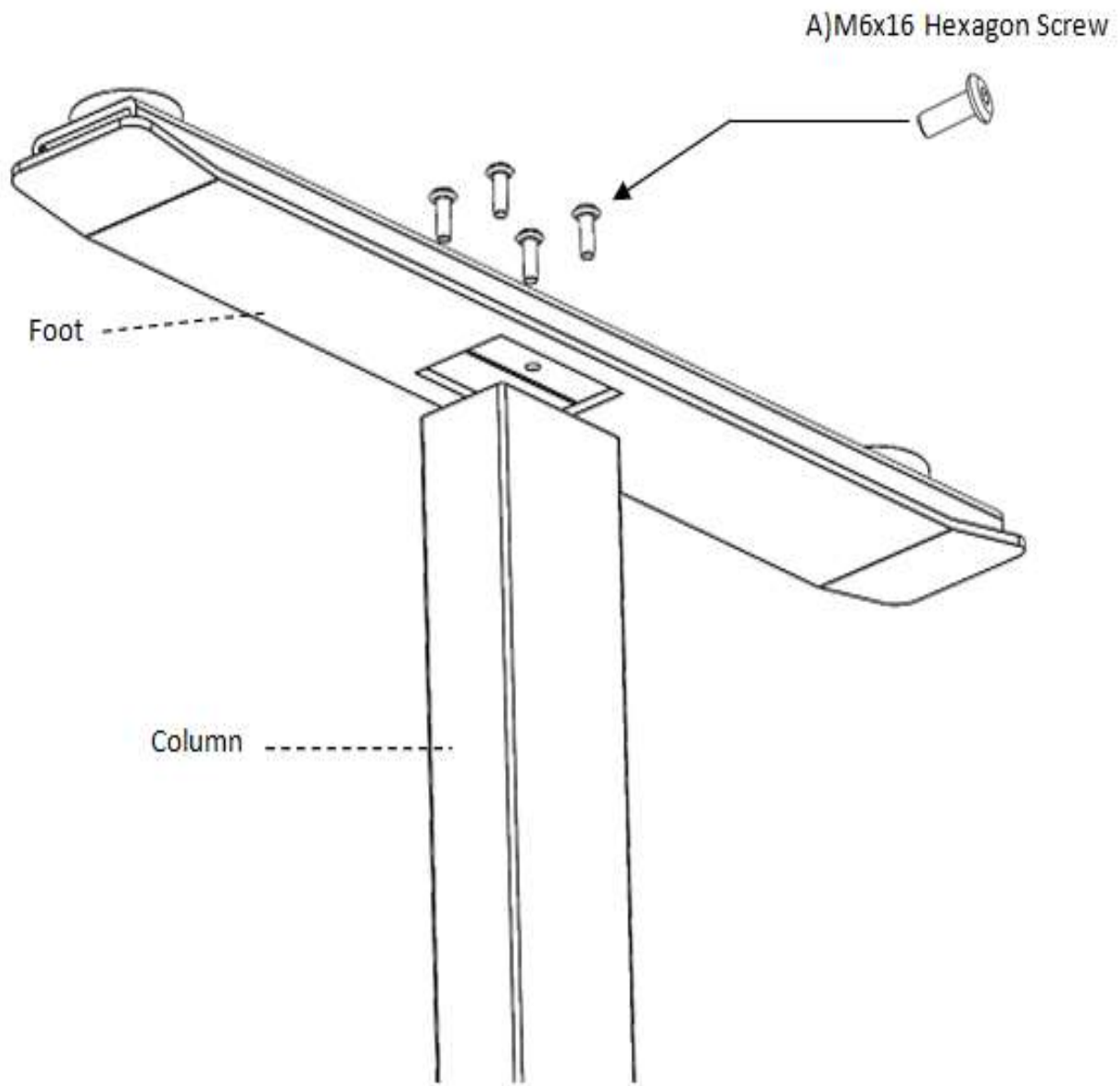
INSTALLING CONTROLLER

Use screw ST4.8x13 Pan Head Screws (B) to secure the Height Controller to the desk top.

Note: Holes are pre-drilled.

Use screw ST4.8x13 Pan Head Screws (B) to secure the control box onto the desk top. (see illustration)

Use screw (A) M6x16 Hexagon Screw to secure the table support bracket onto the desk top. (see illustration)

ST4.8*13
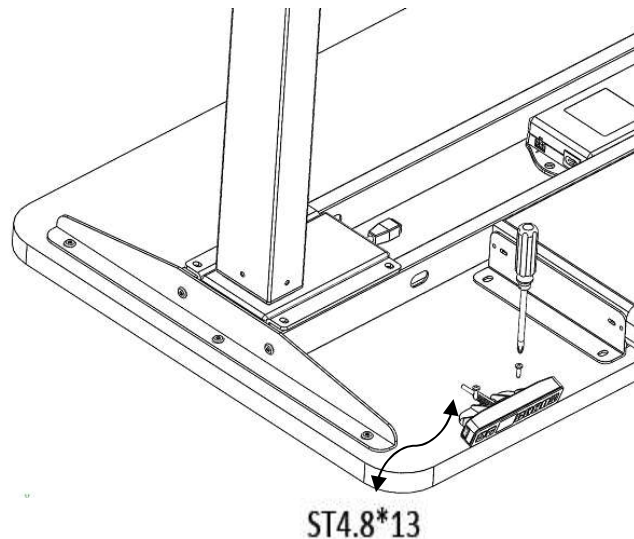
CONNECTING CABLES

1) Connect Height Controller cable connector to Control Box.

2) Connect Lifting Column cable to the Control Box.

3) Plug power cord to Control box.

4) Plug power cord to power outlet.

Opposite Side Of
Control Box

Control Box

Height
Controller
Cable
Connection

Lifting Column
Connection

Lifting Column
Connection

Power Cord Plug
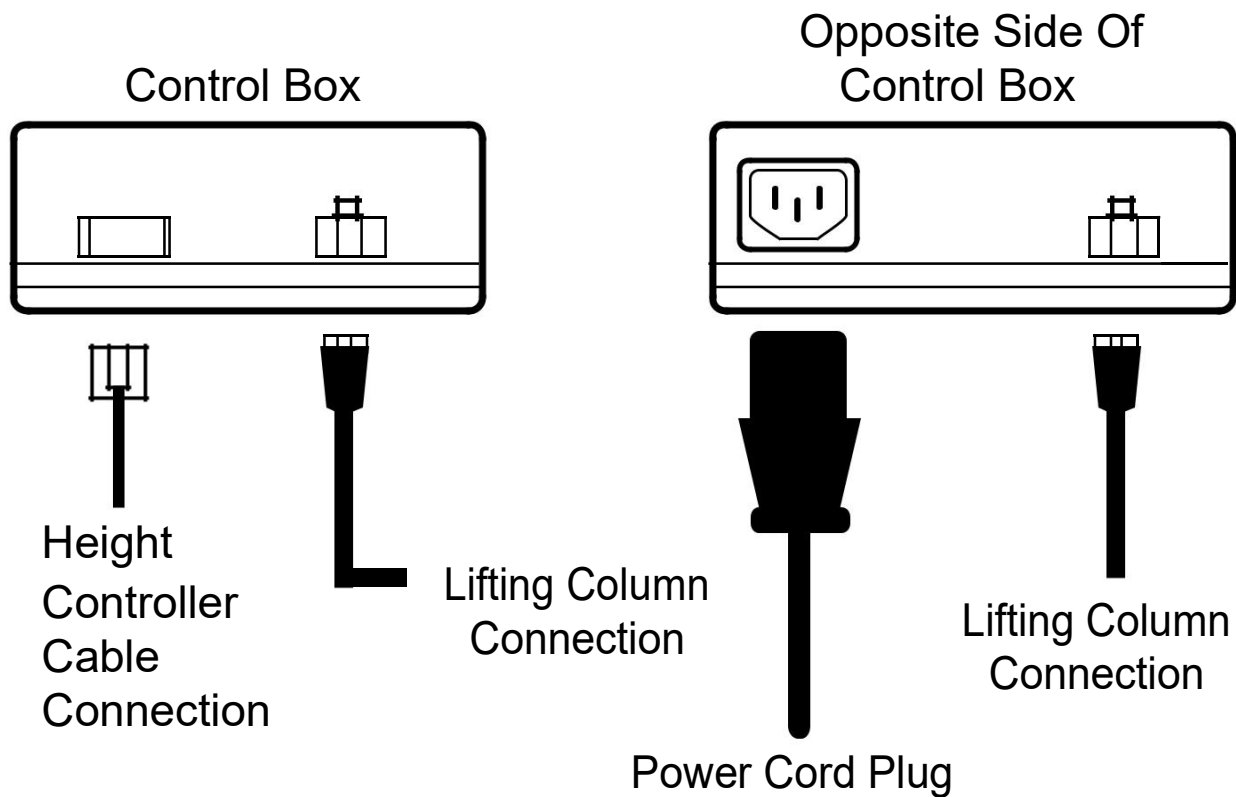
INITIALIZING SYSTEM & SETING HEIGHT POSITIONS

Use the Height Controller to initialize. **The desk needs to be initialized before your first use.**

Press and hold the UP and DOWN arrows simultaneously for 6 seconds to start the initialization process. The LED display will show 3 blinking zeros. The desk will start moving -- first to the lowest position, then the highest position and finally stops in between. The initialization is completed when number 38 (+/-0.2) appears on the display. Your desk is now ready to use.

Highest position will be at 48" and lowest is 28"

Preset Table Heights
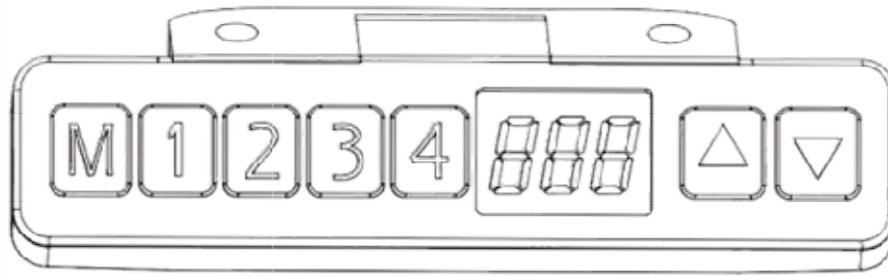You can preset up to four positions. Use UP and DOWN arrow buttons to move desk to your desired position. Press M plus one of the number buttons together for 1 to 3 seconds until displayed height starts blinking, and then release the buttons. To go to your preset height, simply press the number button TWICE or press and hold the button.

One USB Charging Port included

USB Charging: 5V DC 2.4 Amp for cell phone and tablet charging only

SAFETY FEATURE

Hold "M" and "UP" buttons for 4 seconds to lock all buttons, the following code will be displayed on the control panel screen. `LOC`

Hold "M" and "DOWN" buttons for 5 seconds to unlock all buttons.

⚠ If the system STOPS working and shows **"HOT"** on the screen. This means the control box is under overheat protection mode. Wait a few minutes and let it cool down to 25ºC this will solve the problem.

ANTI-BACTERIAL SURFACE OVERVIEW

The antibacterial desk surface provides bacteria resistant. The discovery that copper and its alloys (brasses, bronzes, cupronickel, copper-nickel-zinc, and others) are natural antimicrobial materials that have intrinsic properties to destroy a wide range of microorganisms allows us to embed one of these alloys into a surface of the desk, so we developing a surface environment that bacteria can't live on, thereby making it effective against bacteria such as the following organisms:

Aspergillus niger
Penicillium funiculosum
Paecilomyces variotii
Gliocladium virens
Chaetomium globosum

How does one know if the surface material is impregnated with the anti-bacterial?

Simply shine the UV flashlight provided with the unit on the surface, the surface will turn "Purple" and you will see the colored logo.
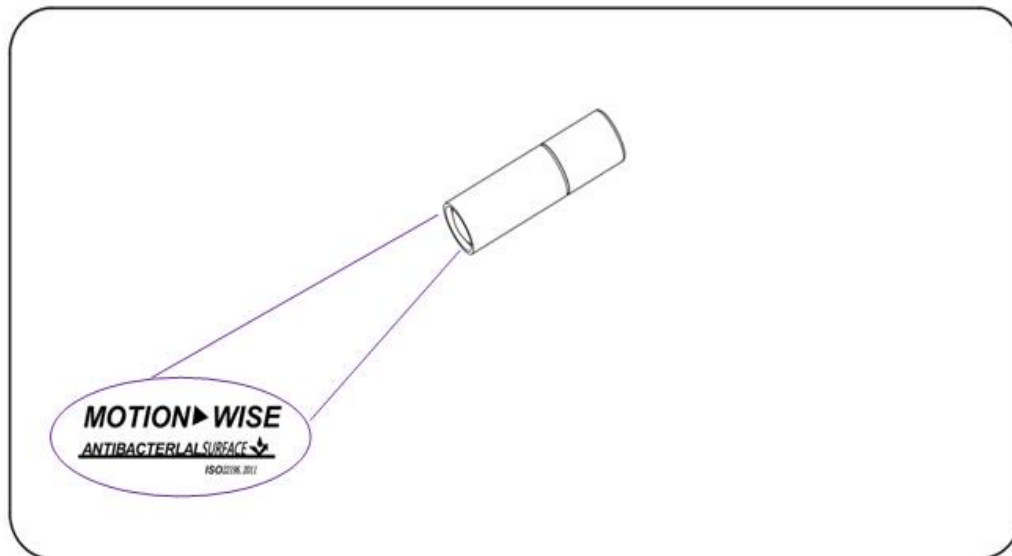
TROUBLESHOOTING

1. Issue: The desk does not go up or down

   Solution: Check all connections. Make sure there is power to the desk.
   Then try to re-initialize the desk.

2. Issue: Columns do not go up or down evenly

   Solution: Re-initialize the desk.

3. Issue: Table will not go up just down

   Solution: Reduce the weight on the table

4. Issue: The desk wobbles excessively

   Solution: It is normal for the desk to wobble slightly at standing height.
   Adjust leveling feet. Make sure all screws are tightened.

5. Issue: The system not working and showing HOT on the screen.
   Solution: This is because the control box under overheat protection mode
   it shuts off to protect itself. Once the temperature goes back to 25°C it will
   be ok to re-initialize.

SYSTEM FAILURE CODES

Codes	Description	Solution
- - -	Initialization failed	Press and hold the UP and DOWN arrows simultaneously for 6 seconds, then release two bottoms to start the initialization process. The desk will start moving-- rest to the lowest position, then the highest position and finally stops in the mid position. The desk is now ready to use.
E-0	Control box malfunction	Please contact service center
E-1	System malfunction	Please contact service center
E-3	Starting current exception	Please re-initialize the system; if failure code still show on the screen, please contact the service center
E-4	Main power supply malfunction	Please contact service center
E-5	Motor A Hall element malfunction	Please check all connection and re-initialize the system; if failure code still shows on the screen, please contact the service center
E-6	Motor A stalling	Please re-initialize the system; if failure code still show on the screen, please contact the service center
E-7	Motor B stalling	Please re-initialize the system; if failure code still show on the screen, please contact the service center
E-8	Motor wiring malfunction	Please check all connection and re-initialize the system; if failure code still shows on the screen, please contact the service center
E-9	Motor B Hall element malfunction	Please check all connection and re-initialize the system; if failure code still shows on the screen, please contact the service center
E-11	Anti-Collision protection starts	
E-12	System running over 2 mins	Please let it sit for 18 mins, duty cycle is 10%
E-14	Main power over 45V	Please contact service center
E-15	Over 1 cm deviation between 2 legs	Please re-initialize the system; if failure code still show on the screen, please contact the service center

SYSTEM FAILURE CODES

Codes	Description	Solution
E-16	Handset connection failure	Please check handset connection to the control box
E-17	Handset communication failure	Please check handset connection to the control box; if failure code still shows on the screen, please contact the service center
E-18	Power lower than 24V	Please contact the service center
E-19	Desktop Tilt	Please re-initialize the system; if failure code still shows on the screen, please contact the service center
E-42	Data memory error	Please contact the service center
E-43	Anti-Collision sensor malfunction	Please re-initialize the system; if failure code still shows on the screen, please contact the service center

WARRANTY

WARRANTY

Manufacturer covers table top and mechanical components for 5 years and covers electrical components for 2 years.

Manufacturer warranty is only valid in so far as the equipment has been used and maintained correctly and has not been tampered with. Furthermore, the system must not be exposed to violent treatment. In the event of this, the warranty will be ineffective/invalid.