



SINGLE MOTOR ULTRA-QUIET ELECTRIC DESK WITH CONTROL PANEL, USB PORT & DRAWER - WHITE DESKTOP



Model No: DH54.V2

Thank you for purchasing a Dellonda product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the 12 month warranty. Keep these instructions safe for future use.



Refer to
instructions

SAFETY

The following should be read and understood before operating the product.

1. ELECTRICAL SAFETY

- **WARNING!** It is the user's responsibility to check the following:
- Check all electrical equipment and appliances to ensure that they are safe before using.
- Inspect power supply leads, plugs and all electrical connections for wear and damage.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- **DO NOT** use worn or damaged cables, plugs or connectors.
- Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Sealey recommend that an **RCD** (Residual Current Device) is used with all electrical products.
- **IMPORTANT:** Ensure that the voltage rating on the appliance suits the mains power supply.
- **DO NOT** pull or carry the appliance by the power cable.
- **DO NOT** pull the plug from the socket by the cable.
- **NOTE:** the supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.
- **WARNING!** Risk of electric shock. **DO NOT** clean the product with water while the power is still connected.
- **DO NOT** disassemble or replace components while the power is still connected.
- **DO NOT** operate the product if it's in a moist environment or its electrical components have come into contact with liquids.

2. GENERAL SAFETY

- Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- Children shall **NOT** play with the appliance.
- Cleaning and user maintenance on the appliance shall **NOT** be made by children without supervision.
- The appliance shall be disconnected from its power source during service and when replacing parts.
- **DO NOT** sit on or exceed the rated weight of the desk.
- Remove any obstacles from the area around the desk during assembly and subsequent use.
- Organise all cords and wires to prevent any possible tripping or accidents from occurring.
- **DO NOT** attempt to modify or change the desk frame or components that operate the desk.
- **DO NOT** add anything to the adjustable junctions of the desk frame.
- **DO NOT** operate the product if the control box makes an unusual noise or odour.
- **DO NOT** alter the control box.
- This desk is rated for indoor use only.
- Suitable for creating a sitting or standing working environment.
- This product features an ultra-quiet operation with an A-weighted sound pressure level of less than 70dB(A).
- Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury.

SPECIFICATION

Model No:.....DH54.V2
Colour of Product: White
Desktop Dimensions: 1200 x 600mm
Drawer Dimensions (W x D x H):.....666 x 315 x 40mm
Height Range: 720-1200mm
Maximum Load Capacity: 60kg

Nett Weight: 29.1kg
Noise Level:..... <50dB
Plug Type:..... 3-Pin BS
Speed:..... 25mm/s
Supply:..... 230V
Sound Level:..... <50dB

TOOLS REQUIRED FOR ASSEMBLY



BUBBLE LEVEL

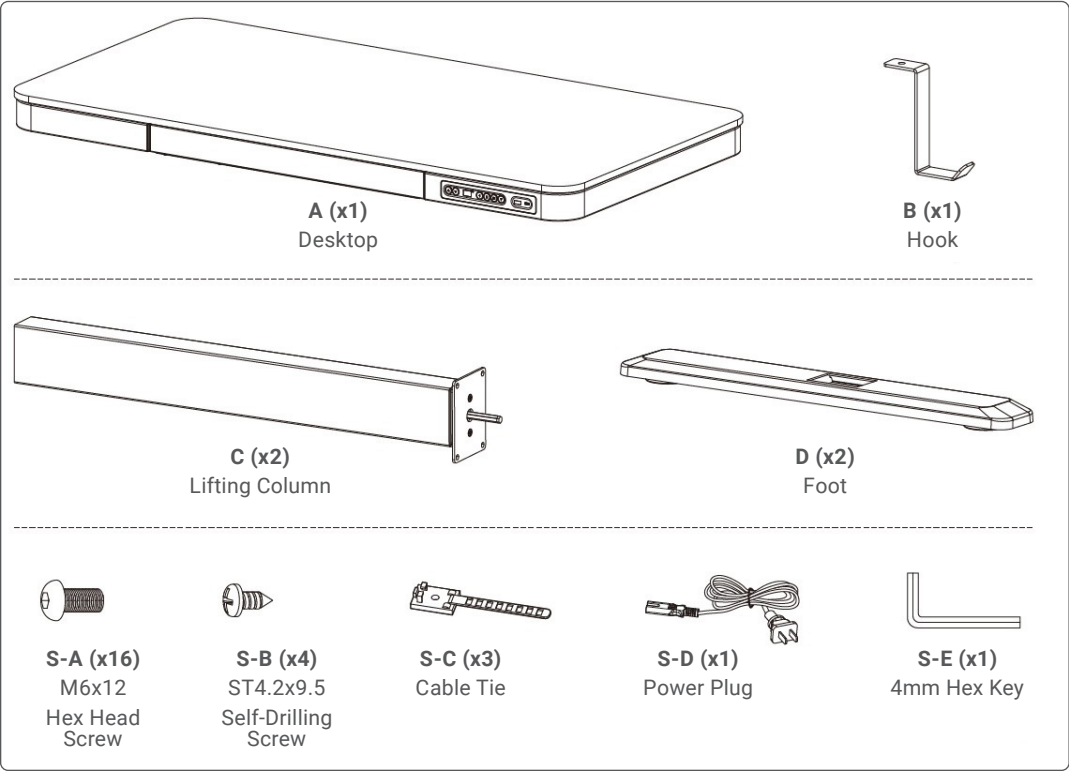


HEX KEY
(INCLUDED)



DRILL

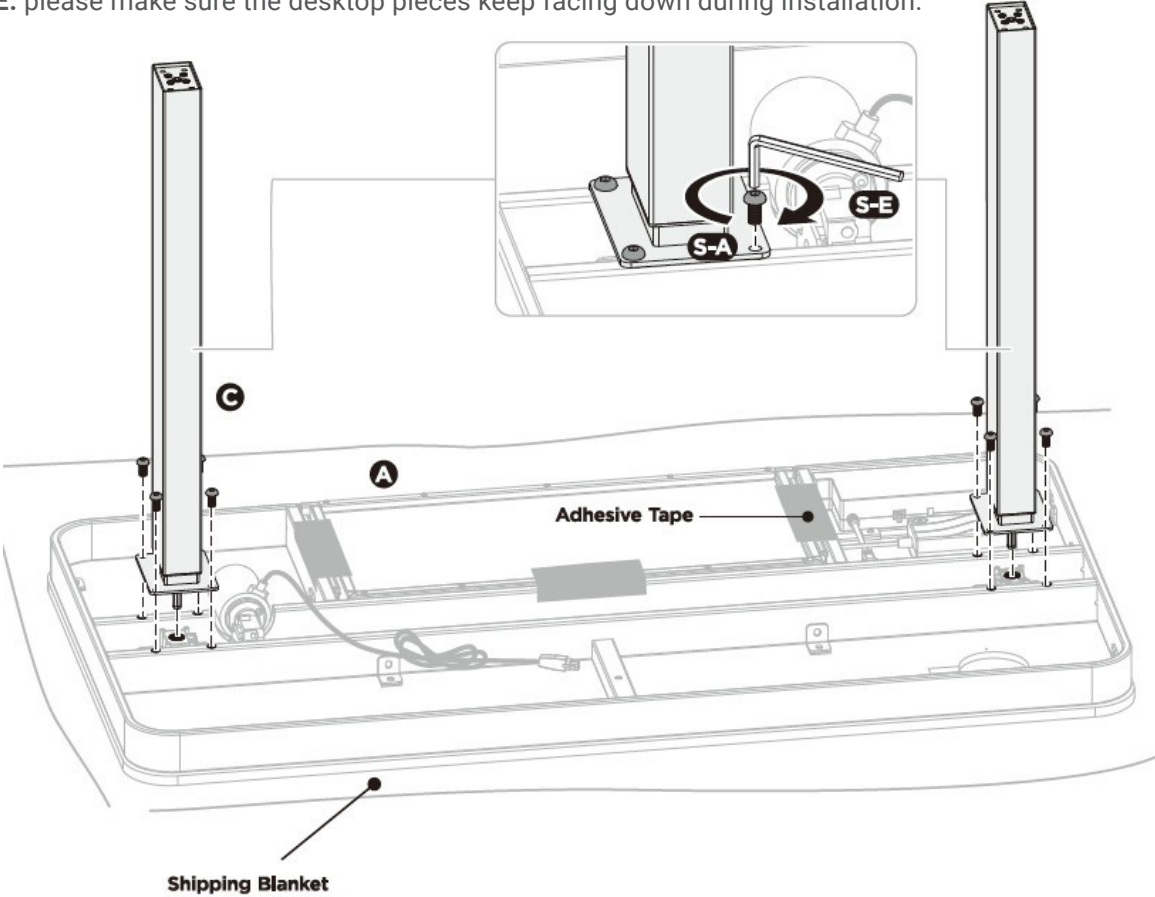
PARTS



ASSEMBLY

1. ATTACHING THE LIFTING COLUMN

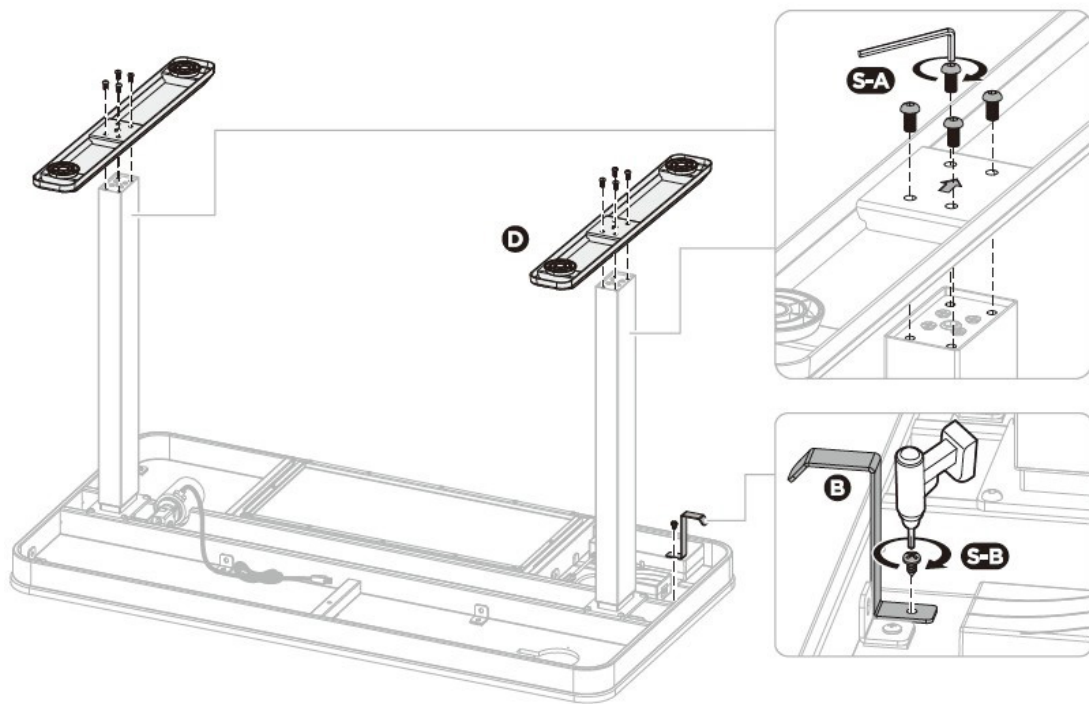
Carefully place **Desktop (A)** upside down on the floor as shown.
Attach the **Lifting Column (C)** to the Desktop using **Screws (S-A)** with **Hex Key (S-E)**.
Tear off the adhesive tapes.
NOTE: please make sure the desktop pieces keep facing down during installation.



2. ATTACHING THE FEET

Attach the **Feet (D)** to the Lifting Column using **Screws (S-A)**.

Attach the **Hook (B)** to the backside of the desktop using **Screw (S-B)**.

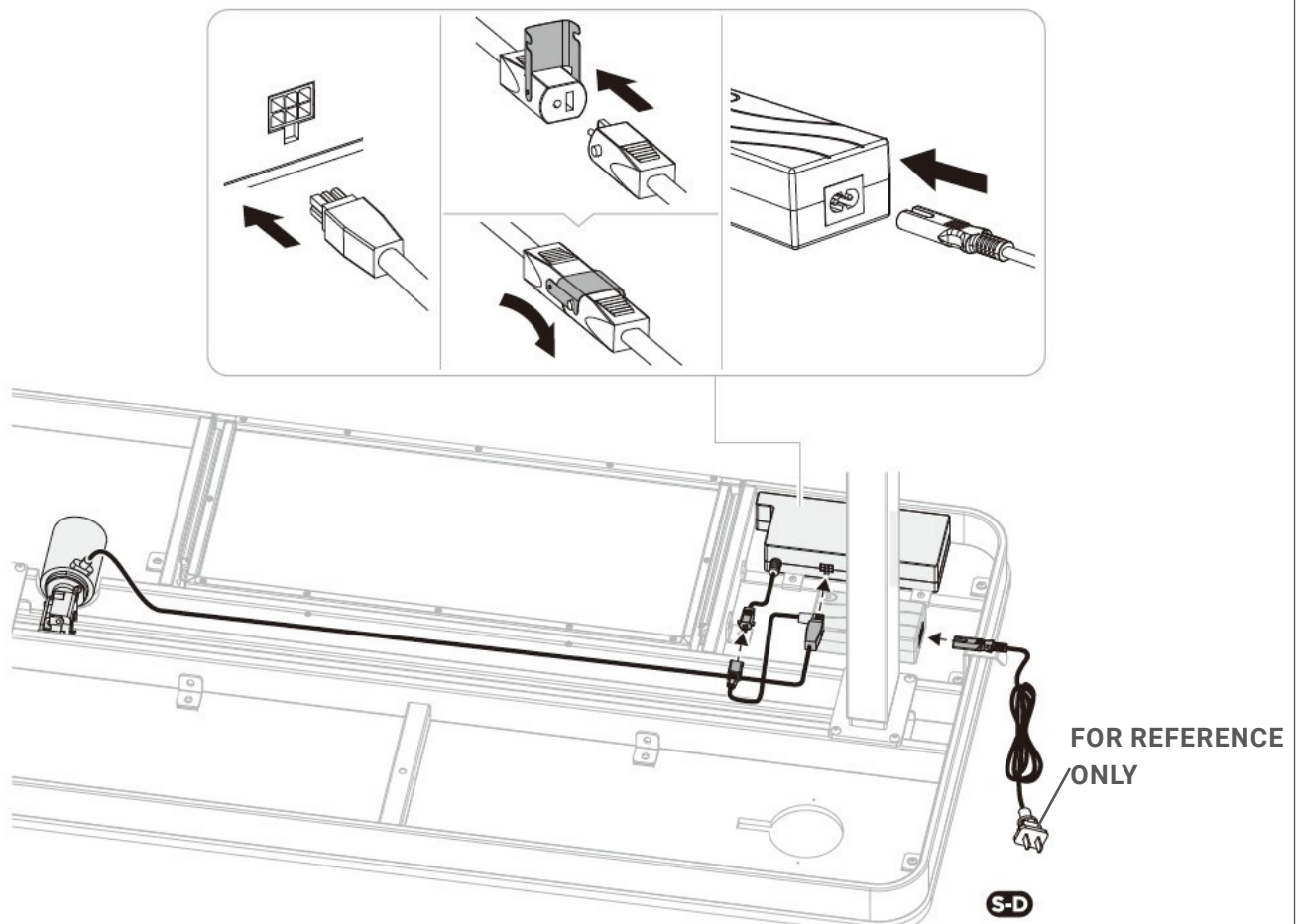


3. CONNECTING CORDS & ATTACHING THE AC ADAPTER

Connect the Controller with the AC Adapter and motor as shown.

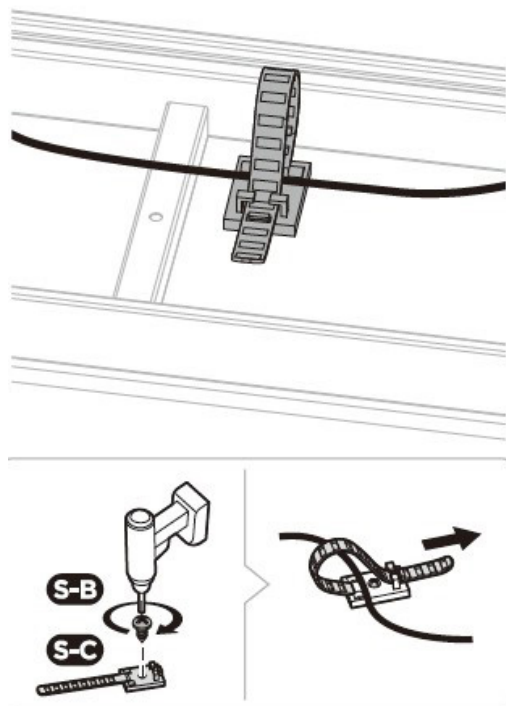
Insert the **Power Plug (S-D)** into the AC Adapter.

NOTE: do not plug into the power before the desk is fully assembled.



4. CABLE MANAGEMENT

Attach the **Cable Ties (S-C)** to the desktop with **Screws (S-B)**, and then organise the cables for a clean look.



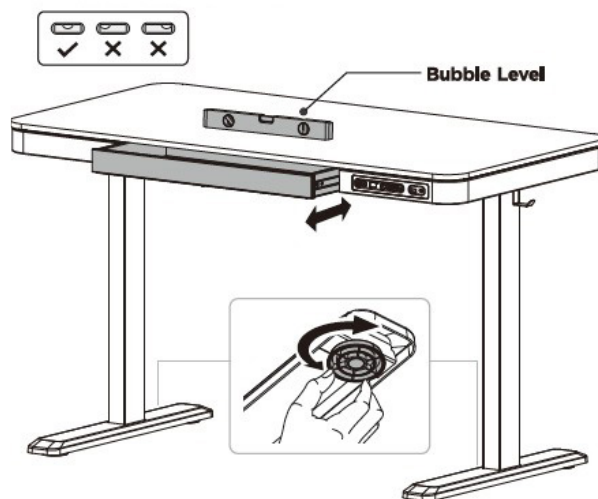
5. ADJUSTING THE DESK

Turn over the desk with the help of another person.

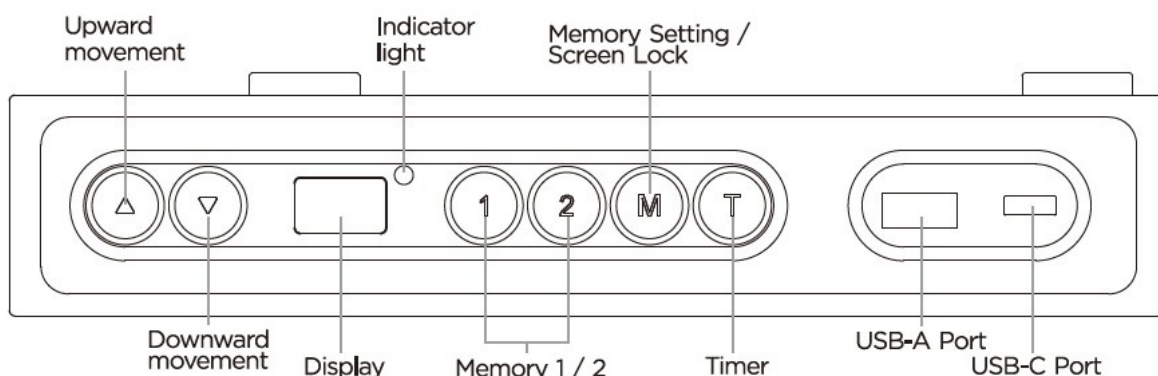
There are two adjustable foot pads under each foot. If the floor isn't even, simply turn the pad to adjust the level to make the desk stable and reduce noise/vibration.

TIP: use a bubble level (not included) to check if the desktop is level.

CAUTION: at least two people are required when turning over the desk to reduce likelihood of injury.



OPERATION



NOTE: If the control panel is used for the first time, please reset the system before normal operation. In the case of malfunction, **DO NOT** use the product. Turn off power supply, unplug and contact an authorised service centre for repair.

1. RESET THE SYSTEM

To reset the system, press and hold the UP and DOWN buttons simultaneously. After five seconds the display shows "r5f" and the desk will start moving downward to the lowest position. **DO NOT** release the buttons until the unit emits one beep. The desk will then move upward a little and the display will show the current desk height. The system reset is complete.

2. HEIGHT ADJUSTMENT

Press and hold the UP/DOWN button to lift/lower the desk to your desired height. Press and release the button to lift/lower the desk precisely.

3. TIMER

Press the "T" button to set the period of time to inform users to stand up. Each press of the "T" button leads to an 0.5 hour increment. The maximal setting of time is 2 hours. After setting a period of time, the display will flash for a few seconds before returning to show the height of the desk. The indicator light on the top right of panel will then be on. The unit emits 5 beeps to remind the users when the set time is up. To cancel the timer, repeatedly press the "T" button until the display shows the current height. The indicator light will then be off.

4. MEMORY SETTING

To store a memory position, press the "M" button and the display will flash "S-". While the "S-" is displayed, press the button 1 or 2. To call a stored position, press the "M" button 1 or 2 and the system will start moving to the desired memory position. The display will show the height as it is driving to the memory position. Press any button to stop the motion.

5. SCREEN LOCKING FUNCTION

For safety reasons this control panel has a locking function. To lock the control, hold "M" for 3 seconds. If the control is locked, only a bar "—" is shown in the display. To unlock the control, hold "M" for 3 seconds. The height will be shown in the display.

6. SWITCH UNIT OF MEASUREMENT (CM/INCHES)

The preset measurement shown on the display is cm. To change cm to inches, hold the "T" button for 8 seconds. After the buzzer beeps twice, the measurement has been switched. To change back to cm, hold the button "T" for 8 seconds. After the buzzer beeps once, the measurement has been switched back to cm.

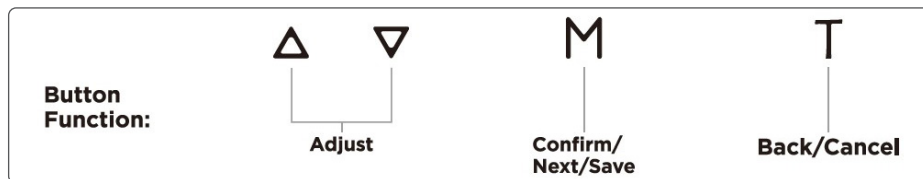
7. POWER-SAVING MODE

After 10 minutes of inactivity, the system will enter power-saving mode where the display becomes dark. Touch any button to activate the control panel.

8. USB CHARGING PORT

The total power output of the USB-A & USB-C ports is a maximum of 5V/3A. **NOTE:** charging is suspended while the product is running.

CUSTOM PROGRAMMING GUIDE



	S-1 To Adjust Minimal Height Limit (72-110cm / 28.3-43.3")	S-2 To Adjust Maximum Height Limit (82-120cm / 32.3-47.2")	S-3 To Adjust Anti-Collision Sensitivity (Current Sensor Upward Movement) (Level 0-8)
Step 1: Preparing	Press "M" and "T" buttons simultaneously for 5 seconds until the unit emits one beep. The display then flashes "S-1". Press "UP"/"Down" button to switch from "S-1" to "S-7". NOTE: custom mode will be active, but will automatically exit if idle for ~10s.		
Step 2: Programming	When the display is flashing "S-1", press "M" button once and the Current Minimal Height Limit is displayed (72 by default). Press UP/DOWN to set your desired height.	When the display is flashing "S-2", press "M" button once and the Current Maximum Height Limit is displayed (120cm by default). Press UP/DOWN to set your desired height.	When the display is flashing "S-3", press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Press UP/DOWN to set your desired level.
Step 3: Saving	Press "M" to save. "L-S"- success "L-F"- fail	Press "M" to save. "H-S"- success "H-F"- fail	Press "M" to save. "S-S"- success "S-F"- fail

	S-4 To Adjust Anti-Collision Sensitivity (Current Sensor Downward Movement) (Level 0-8)	S-5 To Adjust Anti-Collision Sensitivity (Gyro Sensor) (Level 0-8)	S-6 To Change Current Height and Desktop Thickness (0-5cm/0-2.0")	S-7 To Change the Screen Lock Function (0:OFF/1:ON)
Step 1: Preparing	Press "M" and "T" buttons simultaneously for 5 seconds until the unit emits one beep. The display then flashes "S-1". Press "UP"/"Down" button to switch from "S-1" to "S-7". NOTE: custom mode will be active, but will automatically exit if idle for ~10s.			
Step 2: Programming	When the display is flashing "S-4", press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Press UP/DOWN to set your desired level.	When the display is flashing "S-5", press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Press UP/DOWN to set your desired level.	When the display is flashing "S-6", press "M" button once and the Current Desktop Thickness is displayed (0 by default). Press UP/DOWN to set your desired height.	When the display is flashing "S-7", press "M" button once and the Current Screen Lock is displayed. (1 by default). Press to set your desired locking function.
Step 3: Saving	Press "M" to save. "S-S"- successful "S-F"- fail	Press "M" to save. "S-S"- successful "S-F"- fail	Press "M" to save. "T-S"- successful "T-F"- fail	Press "M" to save. "A-S"- successful "A-F"- fail

NOTE:

To abort a custom process, press the "T" button or wait approximately 10 seconds until the display automatically returns to show the height of the desk. The max/min. height limit displayed in the custom mode doesn't include the thickness of desktop.

MAINTENANCE

Maintenance is to be performed when necessary to maintain correct and safe performance. Before conducting any maintenance work, turn off and unplug. All maintenance should be performed by an authorised service centre. Regularly check that all parts and fittings are in good condition. Electrical repairs should **ONLY** be made by a qualified electrician. **DO NOT** use a faulty unit. Contact an authorised service centre for repair.

CLEANING

Disconnect from the power supply before cleaning. Regularly clean with a damp cloth, lukewarm water and mild detergent. **DO NOT** clean with abrasive materials or harsh chemicals. **DO NOT** spray water on the product, or allow water enter the internal parts. **DO NOT** open enclosures to clean internal parts.

STORAGE

Store the product in a cool, dry location. If the product is to be transported, first disassemble and place it in the original packaging.

DISPOSAL

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

TROUBLESHOOTING

In the case of an error, refer to the following table. **NOTE:** all maintenance should be performed by an authorised service centre. Electrical repairs should **ONLY** be made by a qualified electrician.

ERROR NO.	CAUSE	POSSIBLE SOLUTION
E01/E07	Electrical problem has occurred.	Turn off power supply. Remove and re-insert the plug.
HOT	System overheating.	Stop operating and allow to cool for approximately 18 minutes.
E02	The columns don't go together.	Reset the system.
E04	System's communication has an error.	Turn off power supply. Remove and re-insert the plug.
E05	Collision avoidance system has activated.	Remove all the objects within the range of motion.
E06	Electrical problem has occurred.	Turn off power supply. Remove and re-insert the plug. If this doesn't work, replace the control box.
E08	Collision avoidance system has activated.	Remove all the objects within the range of motion.
	The control box isn't installed correctly.	Please make sure the control box is properly attached to the desk frame as the instruction manual or placed well onto an even surface.
	The power cords have pulled the control box.	Manage the cables and keep them from pulling the control box.
E11	The motor cords were disconnected.	Check the connection or replace the motor cords.
E12	Electrical problem has occurred.	Turn off power supply. Remove and re-insert the plug. If this doesn't work, replace the control box.
E13	Motor wires may be broken.	Check the connection or replace the motor cords.
E14	Hall wires may be broken.	Check the connection or replace the motor cords.
E15	Short circuit.	Replace the motors or columns.
E16	Motor overload.	Remove the items from the desktop then reset the system.
E17	Desk move in wrong direction.	Check the connection or replace the motor cords.
E18	Overload has occurred.	Remove the items from the desktop.
E42	Memory can not be read.	Turn off power supply. Remove and re-insert the plug. If this doesn't work, replace the control box.
E43	Collision avoidance system failure.	Replace the control box.



WEEE REGULATIONS

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