How to use your electric sit stand desk

**Notes**

Electrically operated sit stand desks allow for continuous height adjustment of the worksurface using a 2 stage column from 650-1250mm or a single stage column from 700-1100mm (Ratio single stage – 700-1200mm) above floor level at a speed of 38mm per second.

The desk must be connected to a suitable mains (240) voltage supply using a Herman Miller power entry cord appropriate to the country of use.

Any cables that rise and fall with the worksurface must be of sufficient length to ensure that no strain is placed upon the cables or their connectors to other apparatus. Similarly the cables must not interfere with the operation of the desk.

**IMPORTANT: PLEASE ENSURE THAT THERE IS NO OBSTRUCTION TO THE MOVEMENT OF THE MECHANISM OR WORKSURFACE.**

**SURFACES CLEAR AND EVENLY LOADED.**

**THE DESK SHOULD BE INSTALLED WITH A MINIMUM SAFETY GAP OF 25MM BETWEEN EACH OF THE NON-USER EDGES AND ANY ADJACENT HARD SURFACE I.E.: BUILDING WALLS, STORAGE UNITS, OTHER DESKS ETC.**

Note: The 25mm safety gap applies to hard surfaces adjacent to the desk throughout the full range of movement. Screen brackets are designed to ensure there is a safety gap.

The electronic mechanism is designed to European safety standards with a cut out to ensure the motors do not over heat. The desk will move freely up and down for 2 minutes at which time the operation will cease and the mechanism will require a full 20 minutes rest time before continuing. If the mechanism is operated after only 10 minutes rest the desk will work for only 1 minute of continuous use and so on.

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**1.0 Collision Detection System**

If the desk has been installed with the optional collision detection system, then in the event of the worktop or understructure colliding with an object, the table will reverse its direction of motion and move about 40mm in the opposite direction. If a control switch with an LED display is being used the control switch will display the E60 error code.

Remove the obstruction and the desk can be used again.

**2.0 Activating the Control Box for the First Time**

Once the control box, control switch, motor cables and collision detection system (if used) have been connected correctly as per the installation instruction, turn on the power to the control box.

Now the desk is ready to be reset.

Lower the table to its lowest position using the Desk Down Key. Once the desk has stopped moving, release the key briefly and then hold it again for 15 seconds or until the desk moves down a further 3-6mm, pauses and then moves up 3-6mm.

**IMPORTANT: The Desk Down Key must be continuously pressed until the process is complete.**

The control switch with an LED display will indicate the need for resetting with the display ‘--’.

When the reset process is complete, the display will show the desk’s lowest height, 650 or 700.

After 20 seconds the control box will detect the connected amplifier box and sensor, this is signalled by an audible double click.

The collision detection sensor is now ready.

**IMPORTANT: Do not press any button on the control switch until this recognition is complete.**

If this happens by accident, this may delay the detection of the sensor, or may require a complete reset to ensure the sensor is recognised.

Once a control box has detected a connected sensor the first time it does not need to re-search for the sensor again, even after a reset of the desk or being powered off.

**3.0 Manual Reset**

Press the Desk Down Key continuously until the desk has reached the lowest position (programmed desktop position).

Press the Desk Down Key again and keep pressing it. After about 15 seconds, the desk will slowly move further down until it reaches the absolutely lowest position possible.

Release the Desk Down Key. The electric height-adjustable desk can now be used again normally.
4.0 Storing Preferred Desk Heights

**Step 1**
Using the Desk Up/Desk Down Keys adjust the desktop to the position you want to save.

**Step 2**
The display will show the desktop height (e.g. 13.4).

**Step 3**
Press the Memory Key.

**Step 4**
The display will read S-.

**Step 5**
Press the required Memory Position Key (e.g. 2).
The display will read S2.
The set desktop position will now be saved to the selected Memory Position Key. You will hear an audible double click and after about 2 seconds the saved desktop position will be displayed.

5.0 Using Stored Height Settings

**Step 1**
Press and hold the required Memory Position Key (e.g. 2).
The desktop will move until it reaches the saved position. If you release the key before the saved position is reached, the desktop will stop and the saved desktop position will not be reached.

**Step 2**
When the desktop reaches the saved position you can now release the key.
The display will read the current (saved) desktop position.

6.0 Errors Messages

6.1 Error code: HOT
The SMART control unit is fitted with overheating protection. Overheating has caused it to stop the control unit.

Solution: Wait until the control unit has cooled down and HOT is no longer displayed. The SMART control unit is then operational again. This could take several minutes.

6.2 Error codes: E24/25/26/48/49/60
Motor current overload. The control box believes the desk movement is being obstructed or it has too much weight on the desk. This may also occur if the actual height of the Worksurface does not correspond to the height reading on the LED control switch. In this case when the column reaches its physical limit the control box does not realise this and thinks the desk has collided with something.

Solution: Remove load, remove obstructions. The desk should now operate. If not a manual reset may be required, see section 3.0 Manual Reset.

6.3 Error code: E71
This applies to desks with collision detection control boxes. If the control unit detects a fault on the collision sensor the code E71 appears in the display of the control switch, and should either the Desk Up or Down Keys be depressed when this code is displayed, 3 clicks will be heard from the control unit and the desk will not move.

6.4 Error codes: E36/37/38/61/70
Column or motor missing or not detected.

Solution: Disconnect the mains supply to the control box and wait at least 5 seconds. Re-connect the missing columns or motor leads to the control box. Reconnect the mains supply to the control box. Conduct a manual reset, see section 3.0 Manual Reset.

6.5 Error: Desk does not reach full height
If for any reason the desk does not reach its full height conduct a manual reset, see section 3.0 Manual Reset.