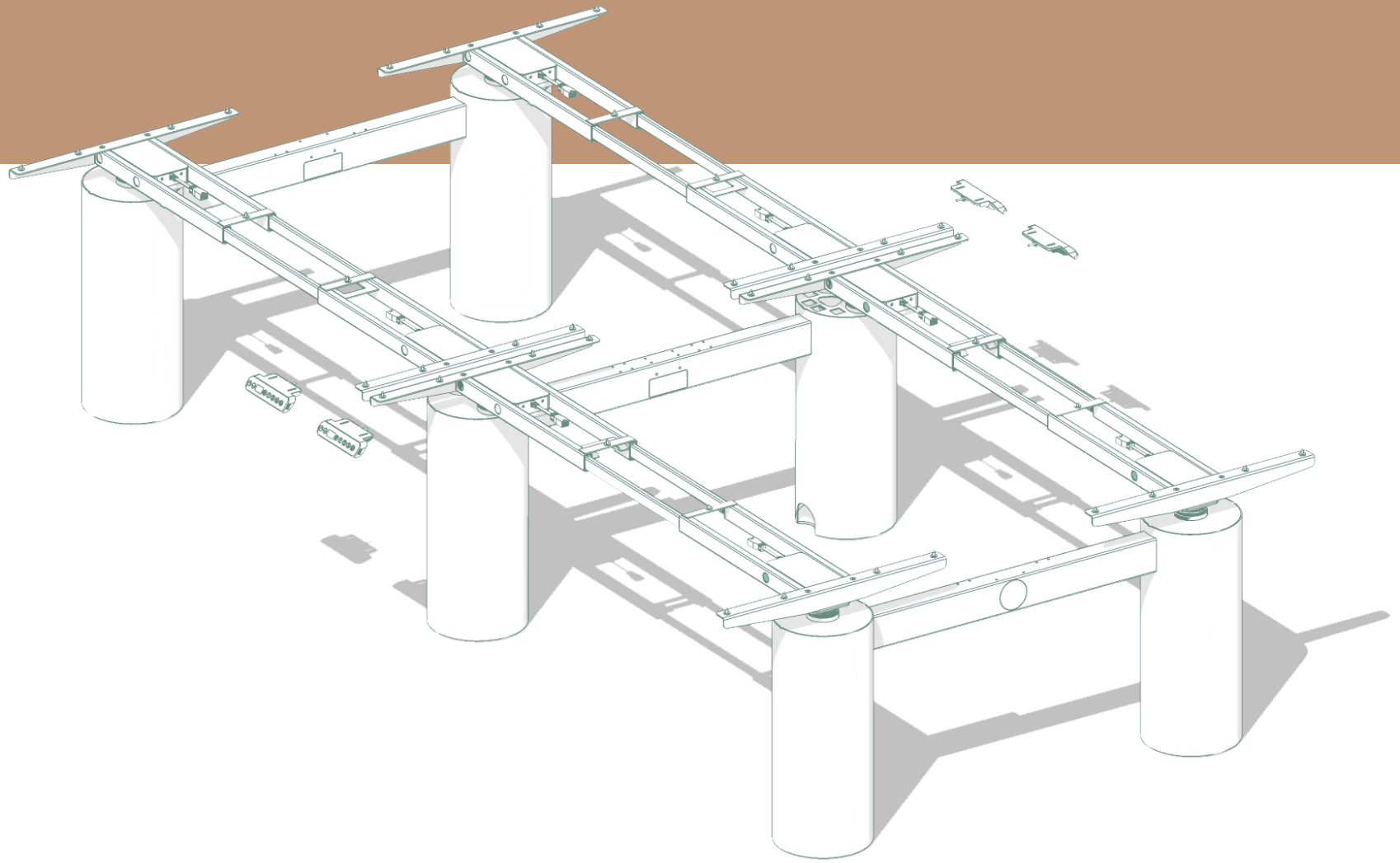
Operational Manual

COLUMN h/a

Congratulations, you are a proud user of one unique piece of kit!
Here is how to make the most of it.



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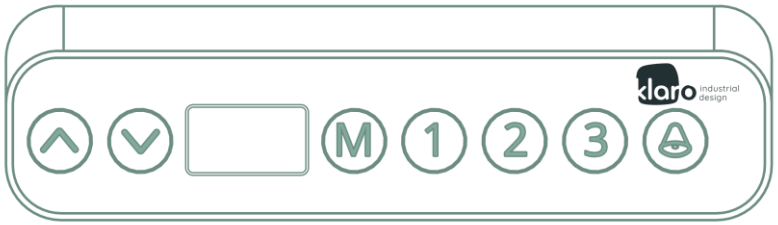

CONTROL PAD

UP
increase height of your worktop

DOWN
decrease height of your worktop

DISPLAY
indicates height of desktop and communicates error messages

MEMORY
memorize three height settings or enter system set up interface

ONE
first preconfigured desktop height setting

TWO
second preconfigured desktop height setting

THREE
third preconfigured desktop height setting

BELL
set position change reminder or timer in 0.5 h increments

USB C
fast charge your portable devices

RESET

To reset after the initial installation or power supply disruption, after ensuring the system is plugged in correctly and the control pad is fixed to the desktop*:

Press and hold to lower the desk to the lowest height, release, and press until the display shows “RST” and an indicator sound is heard.

After the display shows "60", release - the system is reset.

Please note: during the reset process, the anti-collision setting is disabled. To protect your desk’s mechanism - ensure there are no obstacles in the desktop path: up or down.

*if the control pad is not fixed to the desktop, the system may trigger a gyro sensor and will enter an anti-collision mode.

UP / DOWN

Press to increase the height of your desktop.

Press to decrease the height of your desktop.

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MEMORY	3 x preferred heights short cut set up: Adjust the worktop position to your first desired desktop position setting using ⌄ or ⌃ . Press and hold M until the display shows “S-“. Press 1 to memorize the first selected height. Repeat the process for the second and third height shortcut.
TIMER	Press 🔔 . Follow with ⌄ or ⌃ to select the required reminder time in 0.5 h intervals. A small dot on the screen will flash to confirm the timer is set.
ANTI-COLLISION	If a moving desktop encounters the sudden impact of an obstacle, it will reverse its direction automatically to prevent injury or damage. The sensitivity of the function can be adjusted independently to ascending and descending directions to 8 sensitivity levels. The system will operate normally after the obstacle is removed. Should base frames become repositioned as a result of the collision, please ensure the misalignment is corrected before continuing normal operation. The sensitivity level can be set up in the system’s parameter setting interface, which is outlined in the PARAMETERS section.
MIN / MAX	The system can be set up with user preferred minimum and maximum height of the desktop. Minimum height: Using ⌄ or ⌃ position the desktop at the desired minimum height of the desktop level. Hold M + ⌄ together for 5 seconds. An indicator sound is heard to confirm the entry is stored. Repeat the step to cancel the setting. Maximum height: Using ⌄ or ⌃ position the desktop at the desired maximum height of the desktop level. Hold M + ⌃ together for 5 seconds. An indicator sound is heard to confirm the entry is stored. Repeat the step to cancel the setting.
CHILD LOCK	The desktop position can be locked in the required height. Hold ⌄ + ⌃ together for 5 seconds. The digital display will show “LOC” to confirm the desktop position is locked. Repeat the step to cancel the setting, display will show the desktop height to confirm it has been unlocked and can be operated normally.
TEST	The system can be set up to ascend and descend infinitely or until stopped to test the motor function or for display purposes. In TEST mode desktop will run from MEMORY 1 to MEMORY 2 setting for 2 minutes in 18-minute intervals. M + ⌃ + ⌄ Hold together for 2 seconds. All 3 decimal points will show on the digital display and the system will commence the loop. To cancel the TEST loop, repeat the step when the desktop is paused at the lowest setting. The display will show the desktop height to confirm.

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PARAMETERS

System parameters can be set by using the PARAMETERS interface, where the first digit indicates the parameter, second digit, separated by "-" indicates its setting 1-2.

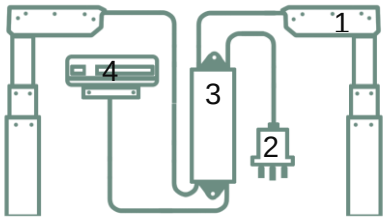
To access the interface hold M for 10 seconds. "digit – digit" - 1-2 will flash.

To select the parameter from 1 to 5, press M, to select the parameter setting, press ⌄ or ⌃.

- First digit is "1": CM to INCH measurement display parameter. Where 1 – 0 = CM, 1 – 1 = INCH.
- First digit is "2": the gyroscope (benchtop level discrepancy sensor) sensitivity setting. Where 2 – 0 = gyroscope is off, 2 – 1 = highest sensitivity, and 2 – 8 = lowest sensitivity.
- First digit is "3": ascending anti-collision sensitivity setting. Where 3 – 0 = anti-collision is off, 3 – 1 = highest sensitivity, and 3 – 8 = lowest sensitivity.
- First digit is "4": descending anti-collision sensitivity setting. Where 4 – 0 = anti-collision is off, 4 – 1 = highest sensitivity, and 4 – 8 = lowest sensitivity.
- First digit is "5": the anti-collision sensitivity setting of an angle of inclination protection. Where 5 – 0 = angle inclination anti-collision is off, 5 – 1 = highest sensitivity, and 5 – 8 = lowest sensitivity.

Default factory settings are: "1-0", "2-3", "3-6", "4-6", "5-4"

SYSTEM



1. Motor
2. Three-pin plug
3. Control box
4. Control pad

ERROR CODES

Error message displayed	Possible Cause	Solution
"HOT"	The system is overheating, due to improper use or after being idle for a long period	Wait for 18 minutes, or unplug the system to restart
"LOC"	If CHILD LOCK is not set, an internal error of the control unit	Complete the CHILD LOCK disable steps, if not resolved – contact your furniture contractor
--- Or 8.8.8	Bad connection	Check the control pad and control box connection, if not resolved – contact your furniture contractor. A replacement control pad or control box may be required
Screen is blank	No connection to power	Check system's plug is properly plugged into the power supply
E1	Overvoltage	The main power supply issue
E2	The height between the two adjustable sides is over the 10mm tolerance	Level desktop by adjusting feet glides

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E3	The control pad is not connected	Connect control pad
E4	Control pad communication error	Check the control pad lead connection
E6	Main power supply failure	Check system's plug is properly plugged into the power supply, and that all leads are correctly connected. If not resolved, a replacement control box may be required
E7	Main power issue protection	Check main power is normal, reconnect the system, and complete the RESET steps.
E8	Desktop unlevel	Adjust feet glides and leg setouts to be square and level. Complete RESET steps.
E11	Motor No. 1 is not connected	Check motor connection
E12	Motor No. 1 current sampling channel error	A replacement control box is required
E13	Motor No. 1 phase line failure	Check phase line
E14	Motor No. 1 hall signal error	Check the hall signal or change the connection lead
E15	Motor No. 1 short circuit	Change Motor No. 1
E16	Motor No. 1 stalled	Complete RESET steps.
E17	Motor No. 1 running direction error	Check all leads are connected correctly – see SYSTEM diagram
E18	Motor No. 1 reached lifting load capacity	Reduce load
E21	Motor No. 2 is not connected	Check motor connection
E22	Motor No. 2 current sampling channel error	A replacement control box is required
E23	Motor No. 1 phase line failure	Check phase line
E24	Motor No. 2 hall signal error	Check the hall signal or change the connection lead
E25	Motor No. 2 short circuit	Change Motor No. 2
E26	Motor No. 2 stalled	Complete RESET steps.
E27	Motor No. 2 running direction error	Check all leads are connected correctly – see SYSTEM diagram
E28	Motor No. 2 reached lifting load capacity	Reduce load
E40	Control box connection error	Check all connections to the control box
E41	System error	Check all connections, if unresolved – control box replacement may be required
E41	EEPROM error	Replace control box
E43	Gyro-sensor error	Replace control box