XTREON
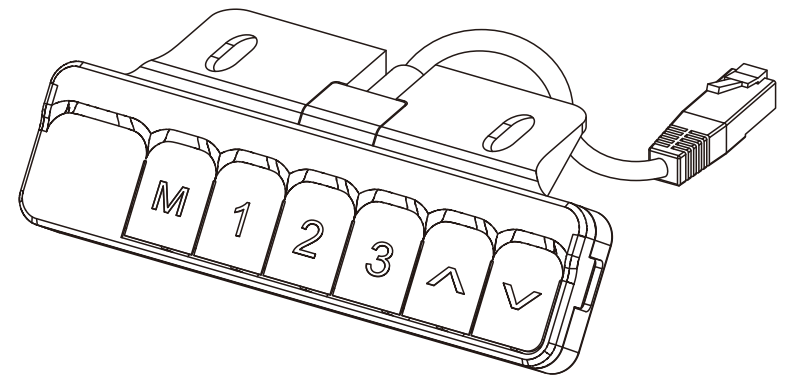
Digital Control Panel For
Electric Height Adjustable Desk
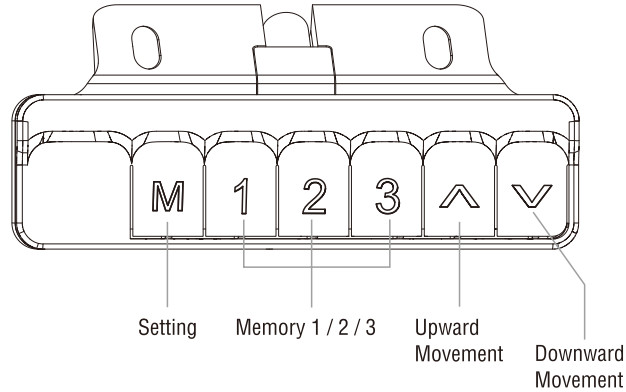
User Guide

LMS-14NWW
LMS-14RBB
LMS-14BG

1 Operating Control Panel

Setting   Memory 1 / 2 / 3   Upward Movement   Downward Movement

Operating Instruction:

· **Note:** *Using the desk for the first time, you will need to reset the system.*

Reset the System:
· If the system malfunctions or the control panel displays "RST", reset the system. Reset procedure: Press and hold the "∨" button until the motor stops, then release the button. Press and hold the "∨" button again for 5 seconds and the system will automatically enter the reset mode. (Do not release the "∨" button at this point or the system will exit reset mode). You will hear a beep to indicate that the reset process is complete.
· If the table has reached the lowest position but the reset mode is not triggered, press and hold the "∧" and "∨" buttons simultaneously for 10 seconds to force entry into the reset mode. At this point, press and hold the "∨" button to start the reset.

Height Adjustment:
· Press and hold the "∧" / "∨" button to lift/lower the desk to your desired height.
· Short press the "∧" / "∨" button to life/lower the desk precisely.

Memory Setting:
· To store a memory position, press the "M" button, the display will show "S -" and the "-" will flash. Then, press button 1/ 2/ 3 to store the current position.
· There are two modes to call a stored position: **automatic mode** (S-6 is set to "1") and **semi-automatic mode** (S-6 is set to "0").
(See Part 5. Custom Programming Guide)
·To recall a previously stored position in automatic mode (S-6 is set to 1), press the button 1 / 2 / 3 once, the display will show the height of the corresponding stored position and the desk will start moving to the desired memory position. Press any button to stop the movement.
· To recall a previously stored position in semi-automatic mode (S-6 is set to 0), press and hold the 1/ 2/ 3 button, the display will show the height of the corresponding stored position and the desk will start moving to the desired memory position. Release the 1/ 2/ 3 button to stop the movement.

Power-saving Mode:
· The system will enter into power-saving mode with display becomes dark when no actions for over 1 minute.
· Touch any button to activate the control panel.

Custom Programming Guide:
· Press and hold the "M" button for 5 seconds to enter the setting mode. The display will show "S-x" and the "x" will flash.
Press "∧" / "∨" button to switch between different programming , press "M" button once to enter each programming.
After setting the programming, press "M" to save.

The following programming can be set:

S-1	To switch between CM and INCH. "0" means the height unit is metric, "1" means the height unit is imperial.
S-2	This function is currently unavailable.
S-3	To adjust anti-collision sensitivity (current sensor upward movement). "0" means off, "8" means the most sensitive, "1" means the least sensitive.
S-4	To adjust anti-collision sensitivity (current sensor downward movement). "0" means off, "8" means the most sensitive, "1" means the least sensitive.
S-5	To adjust the display height of the lowest position.
S-6	To switch between automatic mode (S-6 is set to "1") and semi-automatic mode (S-6 is set to "0").
S-7	"0" means turning off the 2-minute/18-minute working system and relying solely on temperature to protect the controller. "1" means turning on the 2-minute/18-minute working system.
S-8	This function is currently unavailable.

2 Troubleshooting Guide

Error No.	Description	Handing Method
E01	The power supply voltage is too high.	Check the power supply.
E02	The columns don't go together.	Reset the system.
E04	The control panel is disconnected.	Check the connection.
E05	Collision avoidance system has activated.	Plug out the control panel and re-plug to check the connection.
E06	Failure to start due to low power supply voltage.	Replace the power supply, or plug out the power and re-plug to check the connection.
E07	Controller enters protective mode when power supply voltage is low.	Plug out the power and re-plug.
E08	The desktop tilts during operation.	Reset the system.
HOT	The power supply overheats, or the overheat protection is activated because the system is operated for more than 2 cumulative minutes in any 18-minute period.	Wait for the power supply temperature to cool, or stop using your desk and allow it to sit idle for approximately 18 minutes.
E12	Electrical problem has occurred .	Replace the control panel.
E13	Motor wires may be broken.	Plug out the motor wires and re-plug to check the connection.
E15	Short circuit.	Replace the motor.
E16	Motor fails to drive.	Reset the system.
E18	Overload has occurred.	Remove the items from the desktop.
E42	Memory can not be read.	Replace the control box.