# J.BURROWS

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User Manual

Matrix Executive Electric Height Adjustable Desk
JBMATEL12K, JBMATEL15K

1. Learning Process & Stroke Reset

A. Learning Process:

Press ⊖ and ⬙ button for 3 seconds after the initial assembly of the desk.

B. Stroke Reset

If the desk loses power or if the display shows either of "E10, E20 and E60",

press the ⬗ button for 3 seconds or until it shows ⌐Ε�5, the desk will automatically

move down to the lowest point and rebound back up. The learning process & stroke reset

is then finished and will display the lowest height position.

2. Lifting

The desk will go up and down when pressing ⬙ or ⬗.

3. Height memory setting

Move the desk up or down to a desired position. Press the ⊖ button after which the

display will blink, then press a numeric key (❶、❷、❸   ) to save the desired height

to the corresponding preset position. The display will stop blinking and exit the memory

mode if there is no numeric key pressed within 5 seconds.

Once you have saved the desired heights you can press that numeric key to automatically

move the desk to the saved height.

4. Setup Mode

1. Press and hold the ⊖ button for 3 seconds, display will show "S--" and blink.

2. Press the ⊖ button to move through the below setup menu functions, the function list

is as follows:

- Unit（Ｕⁿ ）: Display height on screen in centimeters or inches;
- Brightness（bⁿ ）: Brightness of the controller;

- Beep（bEE）: Turn on/off beep sound;

- Collision Force（CF ）: Collision protection sensitivity;

To navigate through the setup menu use the below buttons：

❶ Backspace key (back to previous menu) or Exit Setup Mode

◐◑ Tab switch

Ⓢ Enter key (enter to next menu or confirm the current operation)

If there is no numeric key pressed within 20 seconds the Setup Mode will be exited.

Main menu interface	Submenu interface		Description
Un Unit	SI	SI Metric	Select height unit to be displayed in cm or inches. ◐or◑ to choose the height unit, and press Ⓢ to confirm and save it. The system will exit after 2 seconds.
	In	Inch	
br Brightness	L	Low	Select brightness setting of controller. Use ◐or◑ to choose the brightnesslevel, and press Ⓢ to confirm and save it. The system will exit after 2 seconds.
	N	Normal	
	H	High	
bEE Beep	OFF	Off	Turn on or off the beep sound. Use ◐or◑ to choose sound on or off, and press Ⓢ to confirm and save it. The system will exit after 2 seconds.
	On	On	
CF Collision Force	OFF	Off	Select collision protection sensitivity. Use ◐or◑ to choose the sensitivity, and press Ⓢ to confirm and save it. The system will exit after 2 seconds.
	L	Light	
	N	Normal	
	H	Heavy	

5. Protection codes and warnings

E16	**Block protection** If the desk displays "E16" an alarm will sound when either the desktop is vibrating, has collided with an object or has tilted. To stop the alarm, raise the desk up or press any key to clear the alarm whilst the desk is raising up. To prevent the desk from enabling the alarm, ensure the desk is does not vibrate, collide with an object or tilt during operation. If the alarm sounds again follow the above.
HOT	**Overheat protection** The desk has entered the overheat protection after operating for a long time. Wait for 18 minutes before operating again to allow the desk to cool down.
E10	**Motor fault protection** Check and confirm the connection between motor and controller is correct as per the Assembly Instructions, then power the desk off and on again and follow the follow the Stroke Reset Process.
E20	**Overload protection** The desk has more weight than the intended weight capacity. Remove objects from the desktop to ensure the desk is not overload with weight then power the desk off and on again or follow the Stroke Reset Process.
E31	**Undervoltage protection** An alarm will sound when the supply voltage is lower than the required voltage. Power the desk off and on again or follow the Stroke Reset Process.
E32	**Overvoltage protection** An alarm will sound when the supply voltage is higher than the required voltage. Power the desk off and on again or follow the Stroke Reset Process.
E60	**Out-of-step protection** Check and ensure the motors of each leg are at an identical height and their connection to the controller is correct as per the Assembly Instructions, then power the desk off and on again or follow the Stroke Reset Process.