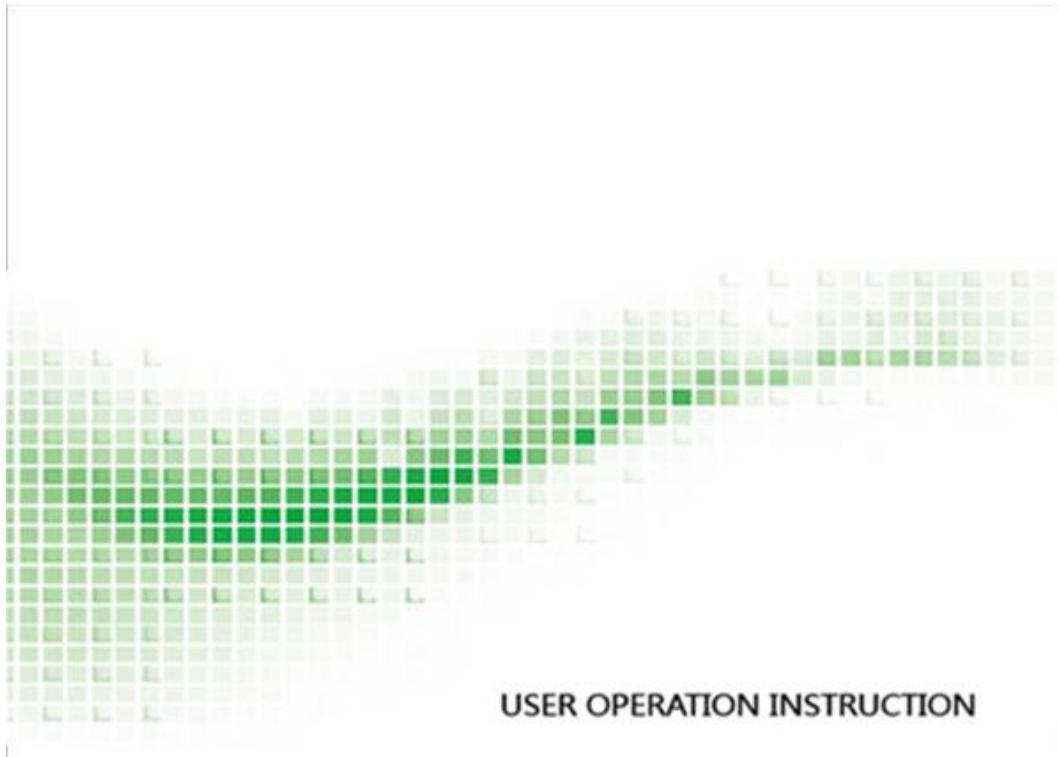




KDBHC01 Operation Instruction

V2.0

1. Handset Panel:



2. Operation Instruction:

2.1. Initialization:

Step	Operation	Motion
1	Press and hold $\wedge$ & $\vee$ simultaneously	After 3 seconds, Column push slowly down until the column push drops to the bottom, bounce back a short distance and stop
2	Release $\wedge$ & $\vee$	Initialization is completed



1. The initialization procedure must be completed before first running after the table is installed or parts are replaced.
2. Any interrupt in initialization will cause system to stop and request re-initialization.
3. The initialization operation represents the reset function.

2.2. Move Up and Down:

Step	Operation	Motion
1	Press and hold $\wedge$	Columns move up
2	Release	Columns stop
3	Press and hold $\vee$	Columns move down
4	Release	Columns stop

2.3. Memory Position 1/2/3 Setting:

The function is to save the user's desired height location.

Step	Operation	Motion
1	Press and hold $\wedge$ & $\vee$	Run the columns to your desired height
2	Click "S" button	Digits flashing on the screen
3	Click "1" or "2" or "3" button	Digits stop flashing. The current height is saved in the corresponding Memory Position 1/2/3 Setting completed.



1. All Memory Positions will be cleared after initialization.

2.4. Move to the Memory Positions 1/2/3:

The function is run to the height the user needs to use.

Step	Operation	Motion
1	Press and hold "1" or "2" or "3" button	The columns will adjust to the memorized position if it is successfully saved to the corresponding button.
2	Release	Height adjustment complete.



1. There may be a ± 1 cm display error for metric units and a ± 0.5 inch display error for imperial units.
2. During the process of running to the memory position, if the user releases the memory button, the table will stop immediately.

2.5. Unit switch between metric and imperial:

The manual display height is available in metric and imperial forms. In metric mode: with the unit in CM; In imperial mode: with the unit in Inch.

Step	Operation	Motion
1	Press and hold "S" button, then press and hold " √ " over 3 seconds	Height display switches between metric unit and Imperial unit
2	Release "S" & " √ " buttons	Switch complete



1. In metric mode, the display height increases or decreases in the unit of 0.1cm, and in imperial mode, the display height increases or decreases in the unit of 0.5inch.

2.6. Current displayed height adjustment:

User can adjust the displayed height on the handset based on the actual height of the table top.

Step	Operation	Motion
1	Press and hold "S" button, then press and hold " ^ " button over 3 seconds	First digit flashing on the screen
2	Release "S" & " ^ " buttons. Click " ^ " or " √ " to adjust the first digit	Adjust the first digit to the measured value
3	Click "S" button	First digit is set Second digit flashing on the screen

4	Click $\wedge$ or $\vee$ to adjust the second digit	Adjust the second digit to the measured value
5	Click "S" button	Second digit is set Third digit flashing on the screen
6	Click $\wedge$ or $\vee$ to adjust the third digit	Adjust the third digit to the measured value
7	Click "S" button	Adjustment complete



1. When setting the current display height, the current height cannot be lower than the height of the column height; otherwise, the setting will fail.

2.7. Upper Limit Setting:

Once set, the table will stop after reaching the Upper Limit height.

Step	Operation	Motion
1	Press and hold $\wedge$ or $\vee$ button until the table reaches the desired height.	Adjust the desk to the desired Upper Limit height.
2	Release. Press and hold "S" button, then press "3" button over 3 seconds.	"~L~" displayed on the screen
3	Release "S" & "3" buttons	Upper Limit setting completes



1. Once Upper Limit is set, Memory Position above the limit will be cleared. The user will need to reset Memory Position.

2.8. Lower Limit Setting:

Once set, the table will stop after reaching the Lower Limit height.

Step	Operation	Motion
1	Press and hold $\wedge$ or $\vee$ button until the table reaches the desired height.	Adjust the desk to the desired Lower Limit height.
2	Release. Press and hold "S" button, then press "1" button over 3 seconds.	"_L_" displayed on the screen
3	Release "S" & "1" buttons	Lower Limit setting completes



1. Once Lower Limit is set, Memory Position below the limit will be cleared. The user will need to reset Memory Position.

2.9. Upper & Lower Limit Release:

This function will simultaneously release Upper Limit and Lower Limit.

Step	Operation	Motion
1	Press and hold "S" button , then press "2" button over 3 seconds.	"-C-" displayed on the screen
2	Release "S" & "2" buttons	Upper & Lower Limit are released



1. Initialization will release Lower Limit.

2.10. Anti-collision Sensitivity Setting:

This function is to adjust the gyroscope anti-collision sensitivity setting.

Step	Operation	Motion
1	Press and hold "S" button over 5 seconds	"— — —" flashing on the screen
2	Release. Click "3" button	"G-X" displayed on the screen
3	Click $\wedge$ or $\vee$ to adjust	Switch Anti-collision Sensitivity to the user's desired setting.
4	Press and hold "S" button over 2 seconds	Setting saved. Current height is displayed on the screen



1. There are five sensitivity levels: "G-0", "G-1", "G-2", "G-3", and "G-4", where G-0 means off, and G-4 represents the highest sensitivity.

2.11. Error Code:

When the system encounters an abnormal situation, it displays an error code to alert the user.

Error Code	Error Type	Description	Troubleshooting and Solution
E01	Column malfunction	Columns disconnected from the control box.	1.The connection between column and control box may be loose. Please check the connection cables to ensure a secure connection. 2.The internal components of the column may be damaged and need to be replaced. 3. Try to press the up/down button to run the column. If E01 disappears, the fault is removed.

			4. If the operating status displays E01, initialization is required.
E02	Duty Cycle Protection	Continuous operation exceeding duty cycle.	After waiting for 18 minutes, attempt to operate the column by pressing $\wedge$ or $\vee$ button, and the error code will disappear.
E03	Overload	Overload	1. Reduce the load on the table.
E04	Abnormal data	Initialization interrupted or table top is tilted	1.Please reinitialize.
E05	Button stuck	Some button has been stuck for more than 60 seconds.	1.Please check if any buttons are stuck and restore them to normal. 2.Replace the handset.
E11	Abnormal voltage	The supply voltage is lower than 20V or higher than 32V	Ensure that the input voltage is 29V
E12	Gyro-scope sensor error	Sensor data is not being received	1.The gyroscope module is not working properly. Please re-power the device. 2.The table top may be tilted. Please level the table top, and securely fix the control box in a horizontal position.