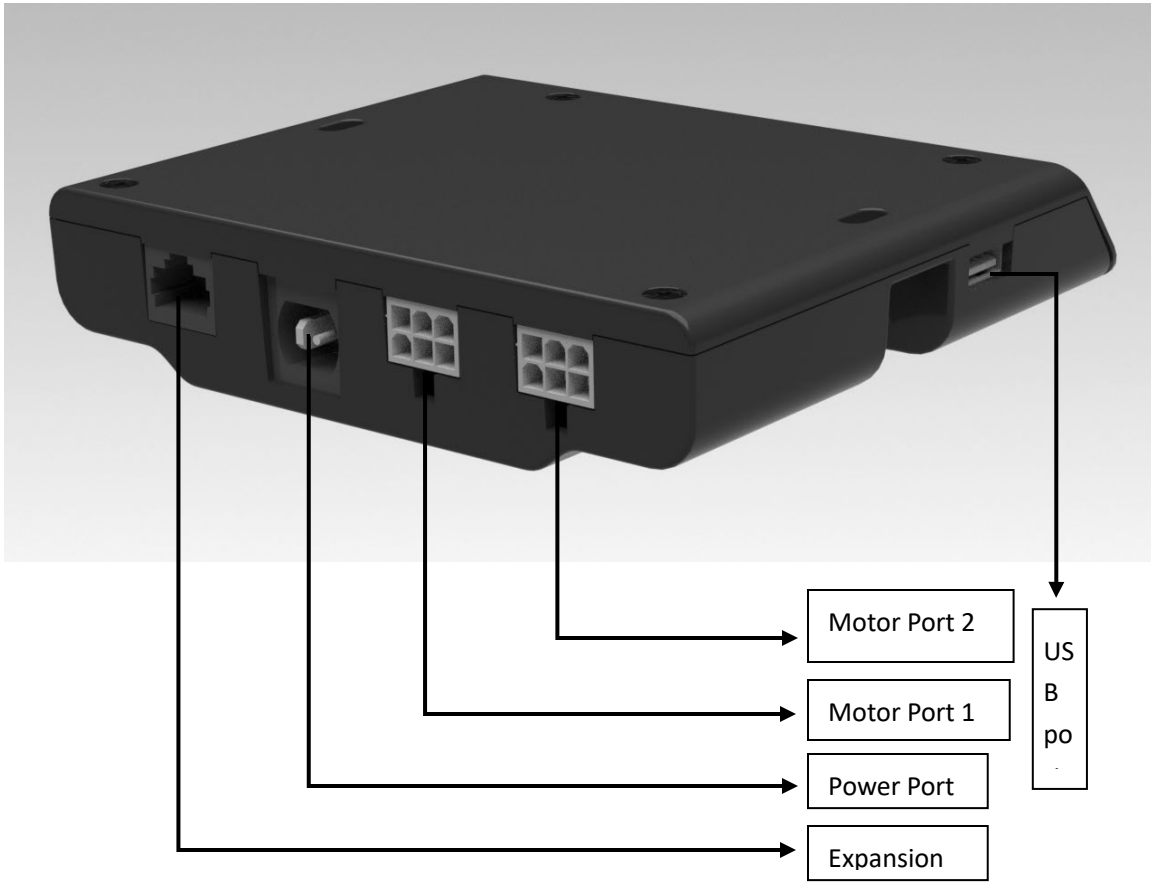


USER OPERATION INSTRUCTION

KDBC18Integrated Handset Manual

A. Definitions of all the functions





B. Handset normal operation manual:

1. Initialization steps:

Step	Operation	Motion
1	Press and hold ▲ & ▼ simultaneously for more than 3 seconds	Legs begin to move down at a half speed of normal operation
2	Keep pressing ▲ & ▼	Legs move down to the lowest position and rebound 2-5 mm, then stop
3	Release ▲ & ▼ together	Initialization is completed



1. The initialization procedure must be completed before first running after the table is installed or parts replaced.

2. Any interrupt in initialization will cause system to stop and request re-initialization

2. Move up and down

Step	Operation	Motion
1	Press and hold ▲	Legs move up
2	Release ▲	Legs stop
3	Press and hold ▼	Legs move down
4	Release ▼	Legs stop

3. Set memory positions 1/2/3

Step	Operation	Motion
1	Press and hold ▲ or ▼ , then release	Run the legs to your desired height
2	Click button S, then click button 1 or 2 or 3 within next 3 seconds, press S to save the position	Position 1 or 2 or 3 is saved



1. Memory position will be erased after initialization;
2. Memory position can be overwritten.

4. Move to the memorized positions 1/2/3:

Step	Operation	Motion
1	Press and hold the button 1 or 2 or 3	Legs return to the corresponding position saved

5. Set up stroke limit of rising and lowering

5.1 Lock up the rising stroke

Step	Operation	Motion
1	Press and hold ▲ or ▼ , then release	Run the legs to your desired highest position
2	Hold key S, and then hold key 3, lasting more than 3 seconds	The caption "L" is displayed on the screen, indicating that the current height is locked as the highest running height

3	Release the key	Setting complete
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1. The column cannot run higher than the locking height.
2. Setting the highest stroke limit will erase the memory positions higher than the locking height, and even if the stroke unlocking operation is performed, the memory positions higher than the locking height cannot be recovered. You must reset the memory position according to the setting instruction for memory position.
3. The locking height will not be unlocked after initialization.

5.2 Lock up the lowering stroke

Step	Operation	Motion
1	Press \wedge or \vee , then release the key	Run the column to your desired height
2	Hold key S, and then hold key 1, lasting more than 3 seconds	The caption "_L_" is displayed on the screen, indicating that the current height is locked as the lowest running height
3	Release the key	Setting complete



1. The column cannot run lower than the locking height.
2. Setting the lowest stroke limit will erase the memory positions lower than the locking height, and even if the stroke unlocking operation is performed, the memory positions lower than the locking height cannot be recovered. You must reset the memory position according to the setting instruction for memory position.
3. After initialization, the lowest locking height is unlocked.

6. Unlock stroke Limit

Step	Operation	Motion
1	Press and hold key S, then press and hold key 2 over 2 minutes	The caption "-c-" is displayed on the screen, indicating that the stroke limits are both unlocked
2	Release the key	Complete

7. Exchange of Imperial system and Metric system.

Step	Operation	Motion
1	Hold Key S then hold key \vee for 3 seconds	Display height switches between centimeters and inches

2	Release the key	Switch done
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1. As the column rises or falls, in the imperial display format, the minimum change in height is 0.5 inches, while in the metric display format the minimum change in height is 1 cm.

8. Correct display height to office table height

Step	Operation	Motion
1	User can set the table at any height, recommending to do the setting at the bottom position	Measure the table actual height and write down the number in inches or in centimeters
2	Hold key S and hold ^ over 3 seconds	First digit flashing on the screen
3	Release key , and then click ^ or v to adjust the first digit	Increase or decrease the first digit the screen to your measured number
4	Click key S	Second digit flashing on the screen
5	Click ^ or v to adjust the second digit	Increase or decrease the second digit the screen to your measured number
6	Click key S	Third digit flashing on the screen
7	Click ^ or v to adjust the third digit	Increase or decrease the third digit the screen to your measured number
8	Click key S	Setting complete



1. Check whether the handset display format matches with the measured data, either in centimeters or inches. In imperial display format, the minimum height adjustable unit is 0.5 inch, and in metric display format, the minimum height adjustable unit is 1 cm.

9. Error code

Error Code	Cause for Error	Criteria for Determination	Troubleshooting Solutions
E01	Column malfunction	Linkage between columns and control box is disconnected, displaying E01	<ol style="list-style-type: none"> 1. Check to see if the link cable between columns and control box is disconnected. 2. Check to see if there is any part damaged in columns. Replace the column if yes.

E03	Overload	Desktop load exceeds the control box rated loading limit, displaying E03	1.The column is overloaded. Reduce the load.
E04	Abnormal data	Control box abnormal data, displaying E04	1. Operate the system in a harsh environment, which results in abnormal control box data and requires initialization. 2. The initialization process is interrupted, resulting in abnormal control box data, which requires re-initialization.
E05	Key stuck	Handset value is detected unchanged for more than 30 sec under pressing, displaying E05.	1.Reposition the key on the handset if it gets stuck. 2.Replace the handset.
E11	Abnormal power and voltage	Abnormal voltage supply	1.The power connection to the control box is loose. Check whether the power connection is secure 2.The external power supply does not work properly. Replace the power supply

10. One-click operation to memory position 1/2/3:

Step	Operation	Motion
1	Press and hold the button 1 or 2 or 3	Legs move to the memory position



Default the one click operation is off

11. Memory key one-click lifting function:

Step	Operation	Motion
1	Hold Key S over 5 seconds	Subtitles flashing on the screen “_____”
2	Release Key S, hold key 1 in 3 seconds	“H-0”or“H-1”shows on screen, indicating lock or unlock of the one-click lifting function
3	Hold ^ or v to change the existing function	“H-0”indicates function off; “H-1”indicates function on
4	Hold Key S for 3 seconds	One-click lifting function on or off

12. Adjusting the sensitivity of Gyro anti-collision

Step	Operation	Motion
1	Press the button S for more than 5 seconds	Subtitles flashing "———" on the screen
2	Release the button S and click the button 3 within 3 seconds	"G-N" subtitles are displayed on the screen, indicating current Gyro anti-collision sensitivity level (N indicates the sensitivity level)
3	Click \wedge or \vee to adjust the anti-collision sensitivity	Increase or decrease the anti-collision sensitivity. There are five levels of sensitivity: "G-0", "G-1", "G-2", "G-3", "G-4", where G-4 indicates the highest sensitivity
4	Hold the key S for 3 seconds	Sensitivity adjustment complete



BC18 does not include the gyro sensor. It works only when the external gyro sensor KDBH18 is connected