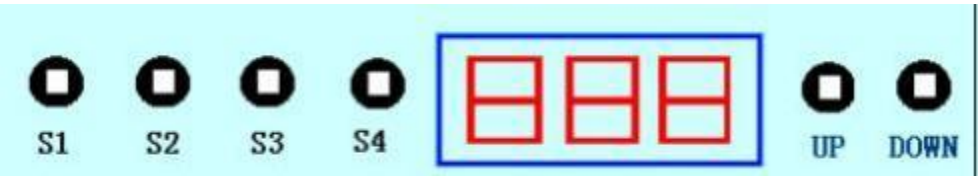
Lift Table Operation Manual

- Operating instructions
- Internal debugging parameter description
- Fault code description

1. Examples of key interfaces



按键说明:

- save key 1
- save key 2
- save key 3
- save key 4（set Sets the key function）
- up button 5 UP
- down button 6 DOWN

2. Initialization operations

- When the system is abnormal, or the hand controller shows “RST”, it is necessary to initialize the lifting table, and the initialization operation can be done by pressing and holding the “DOWN” button until the motor stops and then release the button.

As, press and hold the “DOWN” button until the motor stops and then release the button, then press “DOWN” for 5S to enter the initialization mode automatically. At this time can not release the “DOWN” button, if you release the “DOWN” button system to stop the initialization mode. If you release the “DOWN” button, the system stops the initialization mode. When the initialization is completed, the buzzer will beep to indicate that the initialization is successful.

3. up-down key operation

- When the “UP” key is pressed, the desktop runs upward until it reaches the highest point on the desktop.
- When the “DOWN” key is pressed, the desktop runs downward until it reaches the lowest point of the desktop.
- When the “UP” or “DOWN” key is pressed briefly, the desktop runs a small distance accordingly, realizing the point movement.

4. Position storage and memory operation

- The above hand controller can store 4 memory points, the storage method is as follows, when running to a specific point, at this time, long press the “Save Key X” button, the buzzer sounds,, store this time the position to the corresponding mark.

5. High and low limit settings

- The system supports desktop height limitation, the operation method is as follows, when you want to set the current height as the desktop limitation height, press and hold the “UP ‘+’ DOWN” buttons at the corresponding height at the same time for 5 seconds, at this time, you will hear the buzzer sound, which indicates that the limitation position is stored successfully.

At this time, a buzzer will be heard, indicating that the limiting position is stored successfully. When the table is in the upper half of the travel, the limiting position is high, and when the tabletop is in the lower half of the travel, the limiting position is the lowest.

- Cancel the height restriction Method 1: Reset the system at this time, the system height restriction will be canceled. Method 2: Let the desktop run to the high or low point of the restriction, at this time, press and hold the

6. Locking and Unlocking

- Lock: Press and hold “4” + “UP” simultaneously for 5 seconds, when the digital tube displays “Loc”, it means that the system has been locked, and it is not possible to do lift operation on the system.
- Unlock: Press and hold “4”+“DOWN ‘ for 5 seconds at the same time, when the digital tube goes from ’ Loc” to normal digital display, it means the system is unlocked.

7. Restore Factory Settings

➢ When the system is changed to a new table leg, or the parameters need to be restored to the factory settings, at this time simultaneously press and hold the “UP + DOWM ” 10 seconds to hear a long buzzer prompts, at this time the parameters are restored to the factory state, forced initialization.

8.Internal parameters and mounting distance setting

➢ By long pressing the “4” key of the hand controller for 5 seconds, you can enter the setting interface, displaying “S-x” and “x” flashing, where “x” is the parameter group. where “x” is the parameter group. At this time, press “1” can enter the parameter group to set the corresponding parameters, press “UP” or “DOWN”.

Press “UP” or “DOWN” to switch the parameter group. After setting parameters, press “SET” to return to the operation interface.

The parameters that can be set are as follows:

a、“S-1” 0 for metric display, 1 for imperial display.

b、“S-2” Indicates sensor stopping accuracy in case of obstruction, 0 means off, 8 is the most sensitive, 1 is the least sensitive.

c、“S-3” Indicates that the upward current stops accurately in case of obstruction, 0 indicates that it is closed, 8 is the most sensitive, and 1 is the least sensitive.

d、“S-4” Indicates that the downward current stops when blocked, 0 indicates that it is closed, 8 is the most sensitive, and 1 is the least sensitive.

e、“S-5” This indicates the mounting distance in cm.

f、“S-6” 0 means press the store position key to run and release to stop running, 1 means press the store position key to run automatically to the stored position and any key to stop.

g、“S-7” Indicates 0 for 2-minute, 18-minute duty cycle off, relying only on the temperature protection controller, and 1 for 2-minute, 18-minute duty cycle on.

h、“S-8” Indicates that the desktop is tilted left and right, sensitivity, to prevent the screw from breaking or other causes of the height of the two legs are not the same, 0 means turn off, 1-8 respectively indicates a tilt angle of 0.5-4 °.

9.error code

error code	clarification	Treatment
E01	Mains voltage over 45V	Check the main power supply
E02	Height deviation between screws more than 1cm	re-initialize
E04	Hand controller connection or communication error	Check the hand controller wires
E05	Stop display in case of obstruction	Release the button and re-run
E06	Mains startup unsuccessful, below 20V	Replace the mains power supply, or check the mains power connection cable
E07	Protection during mains operation below 20V	Re-energize.
E08	Tilt when desktop is running	re-initialize
HOT	Power supply is too hot, or runs for more than 2 minutes in 18 minutes	Wait for the power supply to cool down, or let the system rest for 18 minutes to run again

E11	Motor 1 not connected	Check connection wires
E12	Motor 1 current sampling channel error	Replace the control board
E13	Motor 1 out of phase, with phase wire disconnected	Check motor for improper phase wire connection
E14	Motor 1 Hall error, or Hall wire disconnected	Check Hall signals or replace connecting wires
E15	Motor 1 internal short circuit	Replace motor
E16	Motor 1 blocked	Re-initialize
E17	Motor 1 running in wrong direction	Replace motor wires or Hall wires
E18	Motor 1 load is too large, overload	Reduce load
E21	Motor 2 not connected	Check connection wires
E22	Motor 2 current sampling channel error	Replace the control board
E23	Motor 2 out of phase, with phase wire disconnected	Check motor for improper phase wire connection
E24	Motor 2 Hall error, or Hall wire disconnected	Check Hall signals or replace connecting wires
E25	Motor 2 internal short circuit	Replace motor
E26	Motor 2 blocked	Re-initialize
E27	Motor 2 wrong direction of operation	Replace motor wires or Hall wires
E28	Motor 2 load is too large, overload	Reduce load
E40	Serial connection has controller dropout	Check the connection cable
E41	Serial signal error	Check connecting wires, or replace controller
E42	Memory error	Replace controller
E43	Stop sensor error	Replace controller