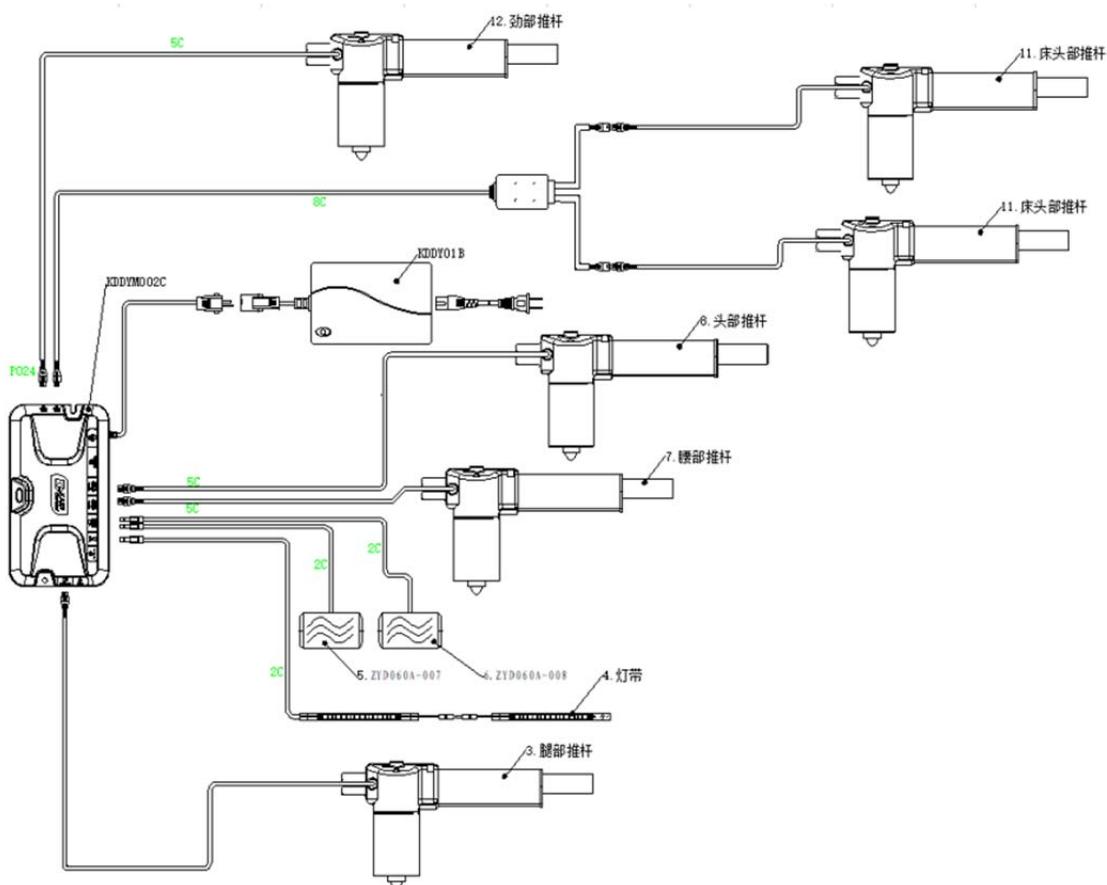


## KDDYM002D+ KDH281 Functional description of one control and six control systems

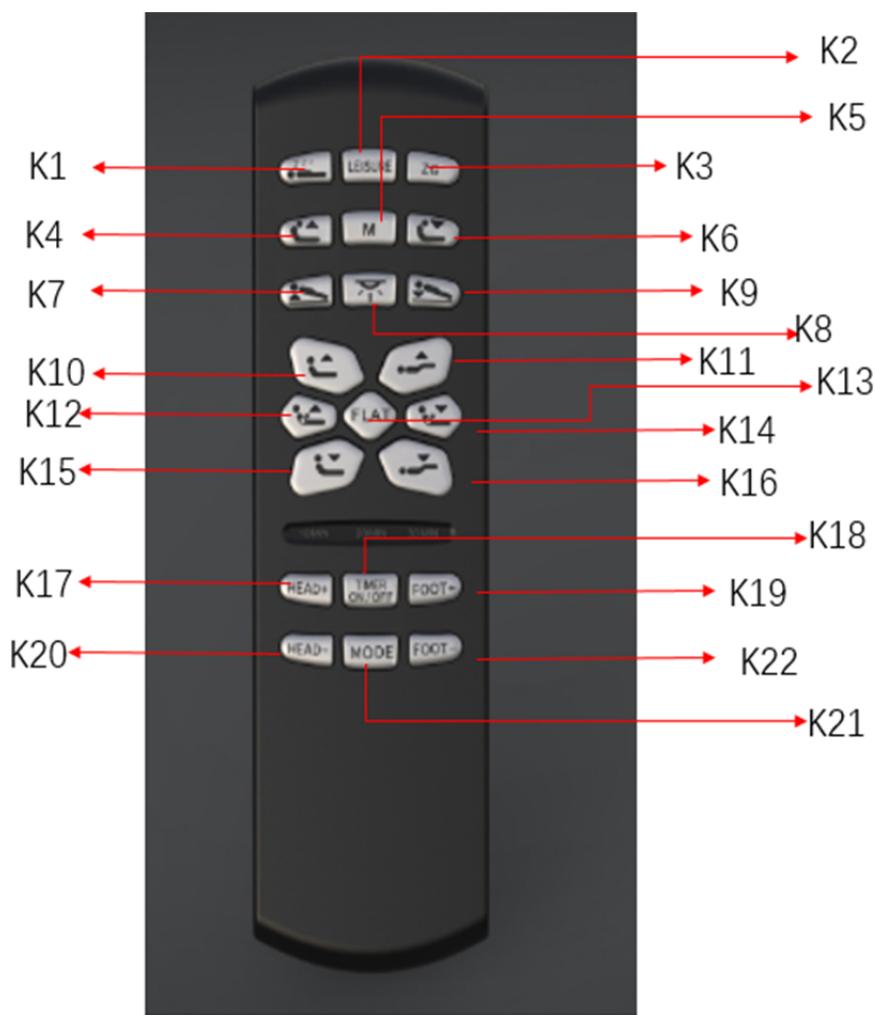
### 1. Sample specification table

Control box	PCBA number	Program number	Finished product number
	KD3232	001786	KDDYM002D

### 2. System configuration diagram



### 3. Handset



#### ① Hand control function:

Key designator	Function
1	Short press the button, the head putter and the leg putter run to the initial preset position 1 to stop; Press and hold for 3s to set the memory position 1 (the previous position is overwritten), and the buzzer at the receiving end of the control box beeps 1 time), after the memory position, short press the fader to run to the memory position 1;
2	Short press the button, the head putter and the leg putter run to the initial preset position 2 to stop; Press and hold for 3s to set the memory position 2 (the previous position is covered), and the buzzer at the receiving end of the control box beeps 1 time), after the memory position, short press the push

	rod to run to the memory position 2;
3	Short press the button, the head putter and the leg putter run to the initial preset position 3 stop; Press and hold for 3s to set the memory position 3 (the previous position is overwritten), and the buzzer at the receiving end of the control box beeps 1 time), after the memory position, short press the push rod to run to the memory position 3;
4	Press and hold the button, the neck pusher rises, and it stops when it is released;
5	Short press the button, the head push rod and the leg push rod run to the initial preset position 4 stop; Press and hold for 3s to set the memory position 4 (the previous position is covered), and the buzzer at the receiving end of the control box beeps 1 time), after the memory position, short press the push rod to run to the memory position 4;
6	Press and hold the button, the neck pusher will be lowered, and it will stop when it is released;
7	Press and hold the button, the bedside push rod rises, and it stops when it is released;
8	Short press the button to turn on the light strip, short press the button again and the light strip will turn off;
9	Press and hold the button, the bedside push rod will be lowered, and it will stop when it is released;
10	Press and hold the button, the head push rod rises, and it stops when it is released;
11	Press and hold the button, the leg pusher will rise, and it will stop when it is released;
12	Press and hold the button, the waist pusher rises, and it stops when it is released;
13	Long press the button 3S, all the putter goes down, press any key to stop,
14	Press and hold the button, the waist pusher will fall, and it will stop when it is

	released;
15	Press and hold the button, the head pusher will be lowered, and it will stop when it is released;
16	Press and hold the button, the leg pusher will be lowered, and it will stop when it is released;
17	The head vibration motor gear is enhanced (a total of three gears), and gradually increased with each press;
18	Short press the button to switch, and the corresponding indicator light will light up after selecting the timer time;
19	The gear of the leg vibration motor is enhanced (a total of three gears), which is gradually increased with each press;
20	The head vibration motor gear is weakened (a total of three gears), and gradually weakened with each press;
21	Vibration motor vibration frequency gear switching (a total of four gears), each time press the switch gear (1-2-3-4-1-2-3-4) to turn on the default gear;
22	The leg vibration motor gear is weakened (a total of three gears), and gradually weakened with each press;
<b>pairing:</b> <p>Method 1: Press and hold the pairing button of the control box for 3 seconds to enter the pairing state; Press the handset button 10 and button 11 within 15 seconds, hold for 3 seconds, the control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.</p> <p>Method 2: Power off the control box for 5 seconds and then power it back on, and the control box enters the pairing state; Press the handset button 10 and button 11 within 15 seconds, hold for 3 seconds, the control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.</p>	
<b>Clear the pairing:</b> <p>Method 1: Press and hold the pairing button of the control box for 3 seconds to enter the pairing state; Press the handset button 15 and button 16 within 15 seconds, hold for 3 seconds, the</p>	

control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.

Method 2: Power off the control box for 5 seconds and then power it back on, and the control box enters the pairing state; Press the handset button 15 and button 16 within 15 seconds, hold for 3 seconds, the control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.

**Factory reset:**

Method 1: Press and hold the pairing button of the control box for 3 seconds to enter the pairing state; Press the handset button 10 and button 16 within 15 seconds, hold for 3 seconds, the control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.

Method 2: Power off the control box for 5 seconds and then power on again to enter the pairing state; Press the handset button 10 and button 16 within 15 seconds, hold for 3 seconds, the control box beeps 1 time, the pairing button stops flashing, and the handset background light flashes 3 times.

**remark:**

1. Press the function button on the handset, the backlight of the corresponding area will light up, and the backlight will go off after stopping the operation for about 3 seconds.
2. Reset the actuator before first use so that the actuator position can be identified.
3. When the vibrating motor is working, press the push rod operation button, the vibrating motor work is suspended at this time, and the vibrating motor resumes work after the push rod runs and stops for 1S; By default, if there is no operation of the vibration motor related buttons for 30 minutes, the vibration motor will be automatically turned off.
4. Please refer to the pairing standard of Kaidi electric bed control box for the pairing standard of the hand controller and the control box and the method of factory reset.

**② Preset key positions:**

	Preset position 1	Preset position 2	Preset position 3	Preset position 4
Head (mm)	22	91	25	12
Foot (mm)	0	0	62	0

## 4、 Precautions

- 1、 Before use, be sure to connect the cable correctly according to the system connection diagram, and then turn on the main power supply;
- 2、 Children, the elderly and the disabled, please use under supervision;
- 3、 Do not plug and unplug any connecting cable when the power is turned on, it may cause operation function failure, if this happens, the main power supply can be cut off, and it can be restored after about 30s;
- 4、 Before using it for the first time, you should pair the wireless handset with the control box;
- 5、 The control box can be paired with two hand controllers, and if paired with a third one, the first one will be cleared.
- 6、 Please replace the handset battery in time, and remove the battery when it is not in use for a long time.

## 5、 FCC Warning

### 1. Warning for control box

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

## 2. warning for handset

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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