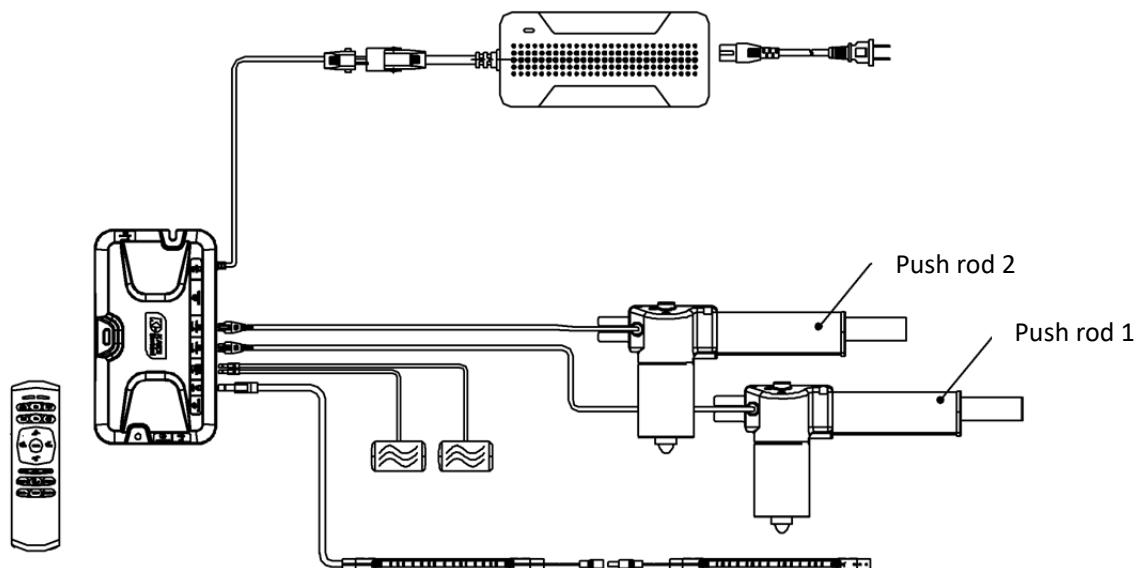


17 key double bed single control box system function manual

1. System connection diagram



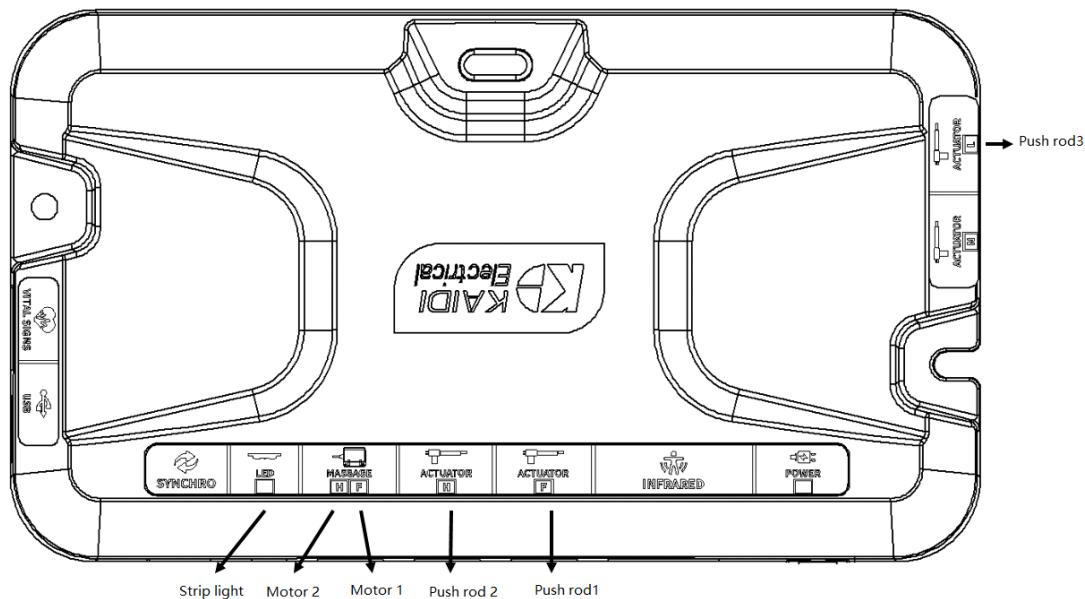
2. Product list

Serial number	Name (code)	Type specification	quantity	Remark
1	Manual controller		1	
2	Control box	KDDYM002A	1	
3	Power supply box	KDDY008H	1	optional
4	Push rod 1 (F)	KDYJT014A	1	optional
5	Push rod 2 (H) Left	KDYJT014A	1	optional
6	Push rod 3 (H) right	KDYJT014A	1	optional
7	Strip light	32106070	1	optional
8	Vibrating motor		2	optional
9	Retrieve key	KDH248-001	1	

3. Performance parameter

1. Control box performance parameters:

Input voltage	AC 110-240V 50/60Hz
Rated output(single channel)	29V DC/ 5A (According to 10% work system, the maximum continuous work of 2 minutes and stop for 18 minutes)



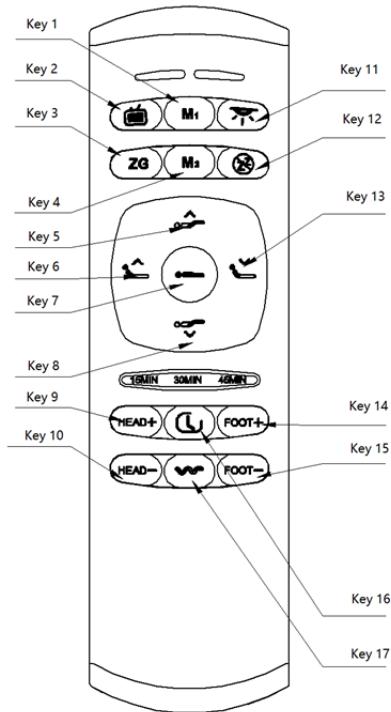
external drawing

2. Push rod performance parameters:

Parameter name	Push rod 1	Push rod 2	Push rod 3	Push rod 4	Push rod 5	Push rod 6
Model number	KDYJT013					
Input voltage/current	29V DC/ 4A (According to 10% work system, the maximum continuous work of 2 minutes and stop for 18 minutes)					
No-load speed	4-6mm/s					
Mounting dimension	350mm	245mm				
Stroke size	120mm	75mm				
Maximum thrust	6000N					
Self-locking force	6000N					
Long putter line	710mm					
Noise(dBA)	48db/50cm					

Other requirements	Push rod wire: Back push rod (H) using white 5557 double pin connector tail injection card tail; Push rod wire: Leg push rod (F) using red 5557 double pin connector tail injection card tail;				
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4. Manual key function description



1、Manual function:

Serial number	Name	Default position	Function	Remark
1	Left and right bed switch	-	Switch the left and right bed function, light 1/2 on indicates the current bed, light 1 and 2 on indicates the control of the left and right bed at the same	

			time (push rod 2+ push rod 3)	
2	TV pose	Head push stroke: 30mm Leg push stroke: 20mm	Press button 2, as for the left bed (indicator 1 is on) push rod 1 and push rod 2 run to the default TV position; As for the right bed (indicator 2 is on) push rod 1 and push rod 3 run to the default TV position; When acting on the left and right beds at the same time (indicators 1 and 2 are on), push rod 2 and push rod 3 extend or rewind to 30mm at the same time, push rod 1 runs to 20mm, and the left and right beds run to the default TV preset position at the same time.	If the indicator 1/2 is steady on, determine the current bed Click to execute, stop when executed. Press any key to stop the execution. Press and hold for 3 seconds to remember the current location (overwrite the previous memory); At the same time, the matching control box buzzes once and the background light flashes

				three times.
3	Zero gravity	<p>Head push stroke: 18mm</p> <p>Leg push stroke: 68mm</p>	<p>Press button 3, as for the left bed (indicator 1 is on) push rod 1 and push rod 2 run to the default ZG position; As for the right bed (indicator 2 on) push rod 1 and push rod 3 run to the default ZG position; When acting on the left and right beds at the same time (indicators 1 and 2 are on), push rod 2 and push rod 3 extend or rewind to 18mm at the same time, push rod 1 runs to 68mm, and the left and right beds run to the default zero gravity position at the same time</p>	<p>If the indicator 1/2 is steady on, determine the current bed</p> <p>Click to execute, stop when executed.</p> <p>Press any key to stop the execution.</p> <p>Press and hold for 3 seconds to remember the current location (overwrite the previous memory); At the same time, the matching control box buzzes once and the background light flashes three times.</p>

4	Memory location	Head push stroke: 12mm Leg push stroke: 0	Press button 4, as for the left bed (indicator 1 is on) push rod 1 and push rod 2 run to the preset position; Press button 2, as for the right bed (indicator 2 is on) push rod 1 and push rod 3 run to the default preset position; When acting on the left and right bed at the same time (indicators 1 and 2 are on), push rod 2 and push rod 3 are extended and retracted to 12mm at the same time, and the left and right bed are running to the default memory position	If the indicator 1/2 is steady on, determine the current bed Click to execute, stop when executed. Press any key to stop the execution. Press and hold (indicators 1 and 2 are on), push rod 2 and push rod 3 are extended and retracted to 12mm at the same time, and the left and right bed are running to the default memory position (overwrite the previous memory); At the same time, the matching control box buzzes once and the background light flashes three times.
5	Leg rise	-	Press the button 5, as	

			for the left bed (indicator 1 is on) push rod 1 out, release and stop; As for the right bed (indicator 2 steady on) push rod 1 out, release and stop; When acting on the left and right beds at the same time (lights 1 and 2 are on), push rod 1 is extended, release and stop	
6	Head rise	-	Press the button 6, as for the left bed (indicator 1 is on) push rod 2 out, release and stop; When used for the right bed (indicator 2 is on), push rod 3 is extended, release will stop, when simultaneously acting on the left and right bed (indicator 1 and 2 are on), push rod 2 and 3 are extended at the same time, release will stop	When acting on the left and right beds at the same time, the current running lengths of putter 1 and putter 2 are not consistent, and the short end is first extended to the length of the other, and then raised at

				the same time
7	FLAT	Head push stroke: 0 Leg push stroke: 0	Press button 7, as for the left bed (indicator 1 is on) push rod 2 and push rod 1 run to the FLAT preset position; As used for the right bed (indicator 2 on), push rod 3 and push rod 1 run to the FLAT preset position, when simultaneously acting on the left and right bed (indicator 1 and 2 on), push rod 2, push rod 3 and push rod 1 simultaneously retracted to 0mm and run to the flat position	Default key, without customization
8	Leg drop	-	Long press button 8, as for the left bed (indicator 1 is on) push rod 1 retract, release and stop; When used for the right bed (indicator light 2 is on), the push rod 1 retracts and stops when released. When	

			applied to the left and right bed (indicator light 1 and 2 are on), the push rod 1 retracts and stops when released	
9	Head vibration motor enhanced		Press the button 10, the head vibration motor starts to vibrate, at this time the vibration frequency is in one gear, press the button 10 again, the vibration frequency increases by one gear until it reaches the maximum (fourth gear), then press the button 20 again, the vibration gear will not change;	
10	Head vibration motor weakened		Press the button 10, the strength of the vibration motor is reduced by one step until it stops, then press the button 11 again, and the	Press the button several times to switch (10min, 20min, 30min, default time) Select the timing

			vibration gear will not change	time, and the corresponding indicator will light up
11	Underbed lamp		Click to switch, toggle switches and turn off lights	
12	Stop snoring	Head push stroke: 12mm Leg push stroke: 0	Press the button 12 as for the left bed (indicator 1 is on) push rod 2 and push rod 1 run to the default stop snoring preset position; As for the right bed (indicator 2 is on), push rod 1 and push rod 3 run to the default stop snoring preset position. When working on the left and right beds (indicator 1 and 2 are on), push rod 3 and push rod 2 run to 12mm at the same time, push rod 1 rears to 0mm, and the left and right beds run to stop snoring at the same time,	If the indicator 1/2 is steady on, determine the current bed Click to execute, stop when executed. Press any key to stop the execution. Press and hold for 3 seconds to remember the current location (overwrite the previous memory); At the same time,

			same time.	the matching control box buzzes once and the background light flashes three times.
13	Head drop		Press the button 13 to act on the left bed (indicator 1 is on) push rod 2 retract and release to stop; When used for the right bed (indicator light 2 is on), the push rod 3 retracts and stops when released. When used for the left and right bed (indicator light 1 and 2 are on), the push rod 3 and push rod 2 retracts at the same time, and the release stops	When acting on the left and right beds at the same time, the current running length of push rod 1 and push rod 2 is not consistent, and the long end is first retracted to the length of the other, and then lowered at the same time
14	Leg vibration motor strength increased		Click to strengthen, press 1 to strengthen 1, 4 highest.	

15	Leg vibration motor strength weakened		Click to strengthen, press 1 to reduce 1 shift until closed	
16	Vibration timing		Click to switch, cut to the required time (5min/30min/ 45min) cycle switch Hold down for 3 seconds to stop any vibration motor	
17	Vibration frequency (weak, medium, strong)		Select the vibration mode (there are 3 kinds). When the vibration motor starts to work, switch from the original default vibration mode (first gear) to first gear, and press the gradual increasing cycle again.	First gear: intermittent vibration with slower frequency; Second gear: intermittent vibration with faster frequency; Third gear: continuous vibration; The four modes are switched sequentially

Pilot lamp 3			Massage timing 15min	
Pilot lamp 4			Massage timing 30min	
Pilot lamp 5			Massage timing 45min	

Note:

1、Select massage timing, the default 30min to turn off all vibration motor.

2、The time when the timing key is triggered for the last time is the start time. For example, if the time is not selected at the beginning, the vibration motor will be turned off after 30min, and the customer chooses 15min, then the vibration motor will be turned off after 15min is selected according to the current time.

3、The manual voltage is lower than 3.65v and the manual alarm starts.

4、Support H248 physical retrieval button, press the hand controller to start buzzing; After retrieving, press the button to stop the buzzer.

5. Matters needing attention

- 1、Before use, be sure to correctly connect according to the system connection diagram, and then switch on the main power supply;
- 2、Children, the elderly and the disabled, please use under supervision;
- 3、Do not insert or remove any cable when the power is on. This may cause operation failure. If this happens, disconnect the main power supply and reconnect it in about 30 seconds;
- 4、Before the first use, the wireless hand controller should be paired with the control box first, the specific method is as follows:
 - Press the pairing button on the control box and hold it for 3S, the indicator is blinking rapidly, and release the button;
 - Within 60 seconds, press head rise + leg rise on the hand controller, the control box indicator stops blinking, indicating that the pairing is successful, and the control box indicator is steady on; If no key is pressed within 60 seconds, the control box indicator stops blinking, the original controller is cleared, and the control box indicator is steady on
 - After the pairing is successful, press the key to start the corresponding function;
- 5、The control box can be paired with two controllers, and if paired with a third one, the first one will be cleared.
- 6、Please replace the manual battery in time. Take out the battery if it is not used for a long



time.

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.

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.