



Product Proposals

Title of the proposal	KS1086_0049				
Areas of use	electric bed		Type of product used	stay at home (unemployed)	
Certification Requirements	N/A		Country or region of use	United States of America	
Overview of special requirements					
person on demand	Meng Zhaodong	Project Manager	Friendship Wang	Test Engineer	Tai Yanqin (1913–1996), Chinese poet
Date of submission of proposals	2022/12/13				
release	V1.0	V1.1	V1.5	V1.6	v1.7
Date (of issue)	N/A	N/A	2022/12/22	2023. 9. 21	2024. 1. 13
release	V1.8	V1.9	v2.0	v2.1	v2.2
Date (of issue)	2024. 4. 7	2024. 4. 25	2024. 5. 10	2024. 6. 7	2024. 7. 8

release	V2. 3	V2. 4			
Date (of issue)	2024. 7. 17	2024. 8. 30			

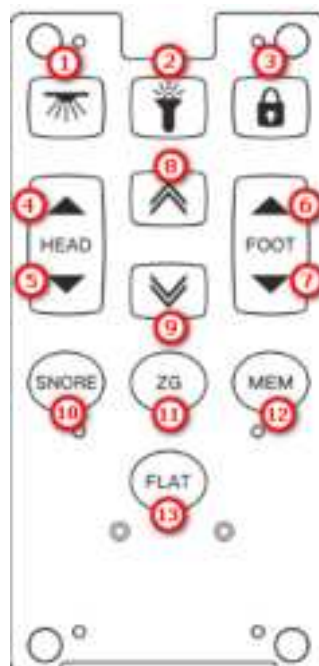
Note: This manual first temporarily uploaded to the shared disk, in case of changes in the middle of the demand, the loss of information, internal information to be confirmed by the customer in the use of the customer to remove this precaution before the use of v1.9 version of the manual to check!

Second, the remote control key

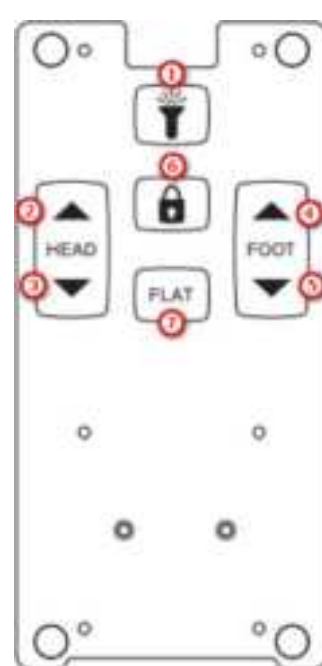
h124/h301 h92e h92b



SR95

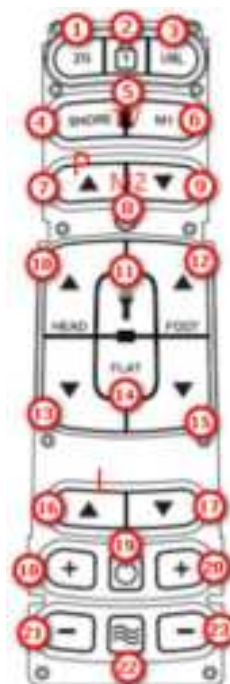
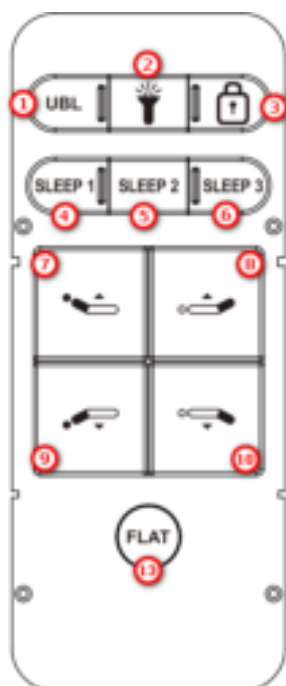


SR81D

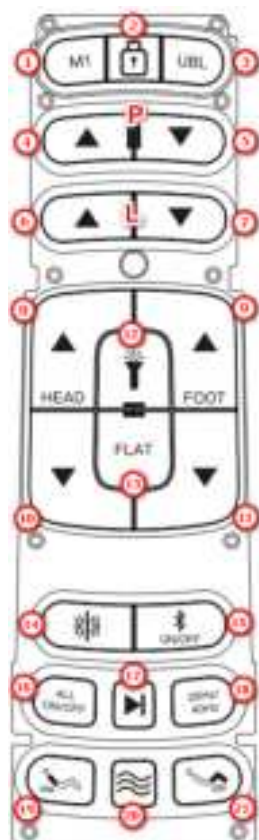


Full-Featured Tooling

Remote Control for Tests



SR69-004



III. Fixed positions

old key value	ZG	SNORE	TV	M1	M2	FLAT	
HEAD (mm)	31	18	114	25	20	0	
FOOT (mm)	79	0	46	25	40	0	
new key value	SLEEP-1 ZG-2	SLEEP-3 SNORE-2	TV-2	SLEEP-2 M1-2	M2-2	FLAT-2	FLAT-3 SLEEP4
HEAD (mm)	30	30	0	10	0	20	20 20
FOOT (mm)	30	10	0	10	0	20	20 30
One control box can only be used for one type of remote control, and it is prohibited to use the same control box for both old and new code value remote controls. For interspersed testing, factory settings must be restored using the accompanying remote control (flashlight + LOCK)							

Fourth, the remote control function

H124/H301

key labeling	Functional Description
1	Head motor extends and releases to stop.
2	The foot motor extends and releases to stop.
3	The head motor retracts and releases to stop.
4	The foot motor retracts and releases to stop.
5	The motor runs to the M1 or MEN position (with initial values) with one touch. Repeat function: long press flashlight about 5s, backlight flashes, press M1 or MEN within 2s, buzzer sounds 3 times, record the current

	motor position and massager, light bar status to M1 or MEN. (power off does not clear)
6	The motor runs to the M2 position with one click (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press M2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M2. (power off does not clear)
7	Flashlight on/off (default 15s). Reuse function: press and hold the flashlight button for 5 seconds, the backlight will flash and enter the memorizable mode, release the flashlight and press M1/M2/TV/ZG/SNORE within 2 seconds, the control box will "beep beep beep" and memorize the current position (back and leg motors, light belt, massager mode/intensity, etc.), if you don't press M1 or M2 within 2 seconds, it will exit the editing memory position mode; and if you don't press M1 or M2 within 2 seconds, it will exit the editing memory position mode. If M1 or M2 is not pressed within 2 seconds, it will exit the editing and memorizing position mode; Reuse function: press and hold the FLAT+ flashlight at the same time for 3s, the backlight flashes 3 times to enter the continuous pressing mode, at this time, all the position buttons enter the continuous pressing mode, release the button motor to stop. Reuse function: press and hold the flashlight + M1 or MEN at the same time for about 3S, the backlight flashes twice, enter the one-touch release mode can reset the memory position of the memory key to the factory default setting at the same time.
8	FLAT one-touch reset, all motors retract to the minimum travel position (power-on does not reset). (If the massager is switched on and off, turn off the massager; do not turn off the underbed light)
9	Long press the remote control backlight for 5 seconds to flash 3 times to indicate that the remote control is locked (in the point of pressing the key other than the lock button, the backlight flashes 3 times to indicate this); long press the remote control backlight for 5 seconds to indicate that the remote control is unlocked.
10 Control box reserved function	The motor runs to the ZG position at the touch of a button (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press ZG within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to ZG. (power off does not clear)
11 Control box	The motor runs to SNORE position with one key (with initial value), and the massager is flattened and turned off after 15min timing in

reserved function	one-key release mode, press any key to exit the timing; there is no timing in continuous pressing mode. Reuse function: long press flashlight about 5s, backlight flashing, press SNORE within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SNORE. (power off does not clear)
12 Control box reserved function	The motor runs to the TV position with one touch (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press TV within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to TV. (power off does not clear)
13 Control box reserved function	lit. head and feet rise together
14 Control box reserved function	head and feet together
15 Control box reserved function	UBL: Underbed light on/off (always on)
16 Control box reserved function	Motor one-touch operation to M3 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight flashes, press M3 within 2s, the buzzer sounds 3 times, record the current motor position and light bar status to M3 (Power failure does not clear)
17 Control box reserved function	Motor one-touch operation to M4 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight flashes, press M4 within 2s, the buzzer sounds 3 times, the current motor position and light bar status will be recorded to (Power failure does not clear)
Note: Press any button for more than 50s, the remote control will enter hibernation, release and press again to restore the function. One-touch release mode chases synchronization, continuous press mode does not chase synchronization.	
Pair code method: ①Single control box/single remote control: keep pressing the head up and foot down (1,4) buttons until the backlight blinks to clear the remote control code information; re-power on the control box, the control box will be in the code pairing state for 60 seconds, keep pressing the head up and foot down (2,3) buttons on the remote control and the buzzer will sound to indicate the code pairing has been successfully done. (The control box will exit from the code pairing state when any	

button on the remote control which is already code pairing successfully is pressed). When pressing any key on the remote control that has been successfully programmed, the control box exits the programmed state.)

②Single control and pair of dual remote controls: keep pressing the head up and foot down (1,4) buttons until the backlight blinks to clear the remote control code information; re-power on the control box, the control box will be in the code pairing state for 60 seconds, keep pressing the head up and foot down (2,3) buttons on the remote control 1 until you hear the buzzer ringing, which indicates that the code pairing of the remote control 1 has been successful; don't press any of the buttons of the remote control 1, keep pressing the head down and foot up (2,3) buttons of the remote control 2 until you hear the buzzer ringing, which indicates that the code pairing of the remote control 2 has been successful; when pressing any of the buttons on the two remote controls that have been code pairing successfully, it means that the remote control 2 has been code pairing successfully. Do not press any button of remote control 1, keep pressing the head down and foot up (2,3) buttons of remote control 2 until you hear the buzzer, it means remote control 2 has been successfully coded; when you press any button of the two remote controls that have been successfully coded, the control box exits the coding state.

③ Dual Control Box to Dual Remote Control: Pair System 1 using the "Single Control Box/Single Remote Control" instructions. Pair System 2 using the "Single Control Box/Single Remote" instructions. Unplug System 1 and System 2. Connect the two systems using the synchronization cable. Power up System 1 and System 2. Both beds will now operate in synchronized mode.

Note: 1, the control box can be powered on 60s after the code key to open the code, the buzzer sounded three times to enter the code state, the control box code key no reset function

1、Remote control no operation for 5 seconds backlight directly off, about 6 seconds after the remote control into sleep at the same time bluetooth disconnect, press the button again bluetooth reconnect.

2、When the control box is powered up for the first time or when the power is accidentally disconnected, please reset it before using it.

Control box wired synchronization function:

When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box is connected to this control box

Synchronized operation.

When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables.

Split-top synchronization mode

1, at the same time press [remote control head down + foot down (3, 4)] backlight flashes, the buzzer triple beep into the Split-top synchronization mode, the head motor in this mode for the split-control mode, regardless of the head lift or memory position button corresponding to the head motor operation, the remote control can

only control its code successfully control box connected to the head of a single motor.

2. Press the [Remote Control Head Down + Foot Down (3,4)] buzzer again for a long beep, indicating that the Split-top synchronization mode is lifted.

H92E

key labeling	Functional Description
1	UBL: Underbed light on/off (always on)
2	Flashlight on/off (default 15s). Reuse function: press and hold the flashlight button for 5 seconds, the backlight will flash and enter the memorizable mode, release the flashlight and press M1/M2/TV/ZG/SNORE within 2 seconds, the control box will "beep beep beep" and memorize the current position (back and leg motors, light belt, massager mode/intensity, etc.), if you don't press M1 or M2 within 2 seconds, it will exit the editing memory position mode; and if you don't press M1 or M2 within 2 seconds, it will exit the editing memory position mode. If M1 or M2 is not pressed within 2 seconds, it will exit the editing and memorizing position mode; Reuse function: press and hold the FLAT+ flashlight at the same time for 3s, the backlight flashes 3 times to enter the continuous pressing mode, at this time, all the position buttons enter the continuous pressing mode, release the button motor to stop. Reuse function: press and hold the flashlight + lock key at the same time for about 3S, the backlight flashes twice to enter the one-key release mode, at this time, all position keys enter the one-key release pressure mode, can be reset at the same time the memory location of the memory key to the factory default settings
3	Long press the remote control for 5 seconds, the backlight of the remote control will flash 3 times to indicate that the remote control is locked (in the case of pressing buttons other than the lock button, the backlight of the remote control will flash 3 times to indicate that the remote control is unlocked); Long press the remote control again for 5 seconds, the backlight of the remote control will flash 3 times to indicate that the remote control is unlocked.
4	Head motor extends and releases to stop.
5	The head motor retracts and releases to stop.
6	The foot motor extends and releases to stop.
7	The foot motor retracts and releases to stop.
8	Head and feet rise together, release to stop.

9	Head and feet descend together and release to stop.
10	The motor runs to SNORE position with one key (with initial value), and the massager is flattened and turned off after 15min of timing in one-key release mode, press any key to exit the timing; there is no timing in continuous pressing mode. Reuse function: long press flashlight about 5s, backlight flashing, press SNORE within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SNORE. (power off does not clear)
11	The motor runs to the ZG position at the touch of a button (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press ZG within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to ZG. (power off does not clear)
12	The motor runs to the M1 or MEN position (with initial values) with one touch. Repeat function: long press flashlight about 5s, backlight flashes, press M1 or MEN within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M1 or MEN. (power off does not clear)
13	FLAT one-touch reset, all motors retract to the minimum travel position (power-on does not reset). (If massager is on, turn off massager; do not turn off underbed light)
14 Control box reserved function	The motor runs to the M2 position with one click (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press M2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M2. (power off does not clear)
15 Control box reserved function	The motor runs to the TV position with one touch (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press TV within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to TV. (power off does not clear)
16 Control box reserved function	Motor one-touch operation to M3 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight flashes, press M3 within 2s, the buzzer sounds 3 times, record the current motor position and light bar status to M3 (Power failure does not clear)
17 Control box reserved function	Motor one-touch operation to M4 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight flashes, press M4 within 2s, the buzzer sounds 3 times, the current motor position and light bar status will be recorded to (Power failure does not clear)

Note: Press any button for more than 50s, the remote control will enter hibernation, release and press again to restore the function.

One-touch release mode chases synchronization, continuous press mode does not chase synchronization.

Pair code method:

① Individual control box/individual remote control: continuously press the **head up** and **foot down** buttons until the backlight blinks to clear the remote control pairing information; re-power on the control box, the control box will be in the pairing state for 60 seconds, continuously press the **head down+ foot up** button of the remote control the buzzer sounds to indicate the pairing is successful (the control box exits from the pairing state when any button on the remote control which has already been pairing successfully is pressed).

②Single control and pair of dual remote controls: keep pressing **the head up** and **foot down** buttons until the backlight blinks to clear the remote control pairing information; re-power on the control box, the control box will be in the pairing state for 60 seconds, keep pressing the **head down+ foot up** button of remote control 1 until you hear the buzzer ringing, indicating that the pairing of remote control 1 has been successfully done; don't press any button of remote control 1, keep pressing the **head down+ foot up** button of remote control 2 until you hear the buzzer ringing, indicating that the pairing of remote control 2 has been successfully done; when pressing any button of the 2 remote controls that have been successfully pairing, the control box exits from the pairing state. Don't press any button of remote control 1, keep pressing the head up button of remote control 2 until you hear the buzzer, it means that remote control 2 has been successfully coded; when you press any button of remote control 2 that has been successfully coded, the control box exits the coding state.

③ Dual Control Box to Dual Remote Control: Pair System 1 using the "Single Control Box/Single Remote Control" instructions. Pair System 2 using the "Single Control Box/Single Remote" instructions. Unplug System 1 and System 2. Connect the two systems using the synchronization cable. Power up System 1 and System 2. Both beds will now operate in synchronized mode.

Note: 1, the control box can be powered on 60s after the code key to open the code, the buzzer sounded three times to enter the code state, the control box code key no reset function

1, the remote control no operation **for 5 seconds backlight directly out, about 6 seconds after the remote control into hibernation** at the same time bluetooth disconnect, press the button again bluetooth reconnect.

2. When the control box is powered up for the first time or when the power is cut off accidentally, please reset it before using it.

Control box wired synchronization function:

When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box is connected to this control box

Synchronized operation.

When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables.

Split-top synchronization mode

- 1, at the same time press 【Remote control head down + foot down】 backlight flashes, buzzer triple sound into the Split-top synchronization mode, the head motor in this mode for the split-control mode, no matter the head lift or memory position button corresponding to the head motor operation, the remote control can only control its code successful control box connected to the head of a single motor.
2. Press the [Remote Control Head Down + Foot Down] buzzer again for a long beep, indicating that the Split-top synchronization mode is lifted.

H92B

key labeling	
1	Flashlight on/off (default 15s). Reuse function: press and hold the FLAT+ flashlight at the same time for 3s, the backlight flashes 3 times to enter the continuous pressing mode, at this time, all the position buttons enter the continuous pressing mode, release the button motor to stop. Reuse function: press and hold the flashlight + lock key at the same time for about 3S, the backlight flashes twice to enter the one-key release mode, at this time, all position keys enter the one-key release pressure mode, can be reset at the same time the memory location of the memory key to the factory default settings
2	Head motor extends, releases to stop.
3	The head motor retracts and releases to stop.
4	The foot motor extends and releases to stop.
5	The foot motor retracts and releases to stop.
6	Long press the remote control backlight for 5 seconds to flash 3 times to indicate that the remote control is locked (in the point of pressing the key other than the lock button, the backlight flashes 3 times to indicate this); long press the remote control backlight for 5 seconds to indicate that the remote control is unlocked.
7	FLAT one-touch reset, all motors retract to the minimum travel position (power-on does not reset). (If massager is on, turn off massager; do not turn off underbed light)
8 Control box reserved	The motor runs to the M1 or MEN position (with initial values) with one touch. Repeat function: long press flashlight about 5s, backlight flashes, press M1 or MEN within 2s, buzzer sounds 3 times, record the current motor

function	position and massager, light bar status to M1 or MEN. (power off does not clear)
9 Control box reserved function	The motor runs to the M2 position with one click (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press M2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M2. (power off does not clear)
10 Control box reserved function	The motor runs to the ZG position at the touch of a button (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press ZG within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to ZG. (power off does not clear)
11 Control box reserved function	The motor runs to SNORE position with one key (with initial value), and the massager is flattened and turned off after 15min timing in one-key release mode, press any key to exit the timing; there is no timing in continuous pressing mode. Reuse function: long press flashlight about 5s, backlight flashing, press SNORE within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SNORE. (power off does not clear)
12 Control box reserved function	The motor runs to the TV position with one touch (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press TV within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to TV. (power off does not clear)
13 Control box reserved function	Head and feet rise together, release to stop.
14 Control box reserved function	Head and feet descend together and release to stop.
15 Control box reserved function	UBL: Underbed light on/off (always on)
16 Control	Motor one-touch operation to M3 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight

box reserved function	flashes, press M3 within 2s, the buzzer sounds 3 times, record the current motor position and light bar status to M3 (Power failure does not clear)
17 Control box reserved function	Motor one-touch operation to M4 position (initial value 0) Reuse function: Long press the flashlight for about 5s, the backlight flashes, press M4 within 2s, the buzzer sounds 3 times, the current motor position and light bar status will be recorded to (Power failure does not clear)
Note: Press any button for more than 50s, the remote control will enter hibernation, release and press again to restore the function. One-touch release mode chases synchronization, continuous press mode does not chase synchronization. Pair code method: ① Individual control box/individual remote control: continuously press the head up and foot down buttons until the backlight blinks to clear the remote control pairing information; re-power on the control box, the control box will be in the pairing state for 60 seconds, continuously press the head down+ foot up button of the remote control the buzzer sounds to indicate the pairing is successful (the control box exits from the pairing state when any button on the remote control which has already been pairing successfully is pressed). ②Single control and pair of dual remote controls: keep pressing the head up and foot down buttons until the backlight blinks to clear the remote control pairing information; re-power on the control box, the control box will be in the pairing state for 60 seconds, keep pressing the head down+ foot up button of remote control 1 until you hear the buzzer ringing, indicating that the pairing of remote control 1 has been successfully done; don't press any button of remote control 1, keep pressing the head down+ foot up button of remote control 2 until you hear the buzzer ringing, indicating that the pairing of remote control 2 has been successfully done; when pressing any button of the 2 remote controls that have been successfully pairing, the control box exits from the pairing state. Don't press any button of remote control 1, keep pressing the head up button of remote control 2 until you hear the buzzer, it means that remote control 2 has been successfully coded; when you press any button of remote control 2 that has been successfully coded, the control box exits the coding state. ③ Dual Control Box to Dual Remote Control: Pair System 1 using the "Single Control Box/Single Remote Control" instructions. Pair System 2 using the "Single Control Box/Single Remote" instructions. Unplug System 1 and System 2. Connect the two systems using the synchronization cable. Power up System 1 and System 2. Both beds will now operate in synchronized mode. Note: 1, the control box can be powered on 60s after the code key to open the code, the buzzer sounded three times to enter the code state, the control box code key no reset function 1, the remote control no operation for 5 seconds backlight directly out, about 6 seconds after the remote control into hibernation at the same time bluetooth	

disconnect, press the button again bluetooth reconnect.

2. When the control box is powered up for the first time or when the power is cut off accidentally, please reset it before using it.

Control box wired synchronization function:

When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box is connected to this control box

Synchronized operation.

When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables.

Split-top synchronization mode

1, at the same time press 【Remote control head down + foot down】 backlight flashes, buzzer triple sound into the Split-top synchronization mode, the head motor in this mode for the split-control mode, no matter the head lift or memory position button corresponding to the head motor operation, the remote control can only control its code successful control box connected to the head of a single motor.

2. Press the [Remote Control Head Down + Foot Down] buzzer again for a long beep, indicating that the Split-top synchronization mode is lifted.

SR95

key labeling	
1	Underbed light: press this button to turn on the underbed light; press this button again to turn off the underbed light.
2	Flashlight: Tap this button to turn on the flashlight (automatically turn off after 30S), tap this button again to turn off the flashlight in the on state. The flashlight status is displayed in real time on the status bar  , no icon is displayed when the flashlight is off.
3	Lock: When the remote control functions are not locked, press this key in any interface, according to the prompts in the pop-up window, "YES" is selected by default, press OK key to execute "YES", then all the functions of the remote control will be locked and return to the main interface. The status bar will display the lock icon, which will be canceled automatically after 2S. Operate the remote control in locked status, the screen pop-up window will prompt the unlock mode, and the pop-up window will be canceled automatically after 15S. (After locking, power off and on again, it will remain locked) Locked: 1. When the screen goes off:

	Press and hold any of the buttons (except the LOCK button), the lock symbol will appear for about 1 second, then a text message will appear with instructions on how to unlock it 2. when the screen is on: Pressing and holding any button (except the LOCK button) displays a text message indicating how to unlock it. Unlock: press and hold this key for 5S when the remote control is locked, all functions of the remote control will be unlocked, and the unlock icon will pop-up in the screen, and the pop-up window will be canceled automatically after 2S, and the interface at this time will be the main interface; (the interface after the remote control is locked and unlocked will be the main interface) 1. When the screen is off: Press and hold the LOCK button for 7 seconds to unlock the remote control. 2. When the screen is on: press and hold the LOCK button for 5 seconds to unlock the remote control.
4	Up\Motor Up Button: Tap this button to move the preselection box upward from its current position. The main interface controls the motor to rise, press and hold the button, the motor extends, release to stop.
5	Left button: Tap this button to move the preselection box to the left of the current position.
6	OK button: Press this button to confirm the execution of the current preselected function.
7	Right button: Tap this button to move the cursor to the right of the current position.
8	Downward \Motor Down Button: Tap this button to move the cursor downward to the current position. The main interface controls the motor descent, press and hold the button, the motor retracts, release to stop.
9	Press this key to prompt the pop-up window that this bed set has no massager function, press OK to exit the pop-up window immediately and return to the original interface, and the pop-up window will be canceled automatically after 15s of no operation (no massager function).
10	Tap this key from any screen to enter the main drive control screen.
11	Tap this key in any screen to go to the setting screen of the memorized position; Tap the pre-selected box to reach the memorized position. Press and hold 5S to save the current position to the pre-selected mode, after successful saving, the pop-up window will prompt, 15S will cancel automatically, and press OK to cancel immediately (FLAT does not have

	the function of long-press memory). Memory position memorizes the current motor position and massager and light bar status.
I. The remote control will power on automatically and the screen will display the logo interface. Three seconds to five seconds will enter the motor selection interface, the user according to their own bed type to choose the number of motors and massager, can operate the upper and lower buttons for pre-selection (blue box), press OK to confirm the selection (blue solid dot). After the selection is completed, move the pre-selected box to the CONTINUE, press OK button, there will be a pop-up window prompts, (pop-up window will not be automatically canceled, you must perform YES \ NO) the customer according to the actual bed type to choose whether or not there is a massager. This set of equipment to choose the head and foot motor, no massager. Second, after the number of motors and massager selection is completed, the control box is powered on within 60S tap OK key for pairing with the control box (if the control box is powered on for more than 60S, first press the code pairing key, the buzzer will sound three times, and then press OK key for pairing with the control box). After entering the main interface, it means the code pairing is successful. (If the remote control has been paired with the control box automatically after power on, it will enter the main interface automatically after the customer logo interface) In the main interface, press the remote control "OK" button to enter the main menu interface. 1. The first function is FAVORITES, which is consistent with the function of the 11 button. 2, the second function for the time setting, tap the OK button after the pre-selected box position to reach the hour of the icon position, tap the up or down button to adjust the clock number (press the up button, the up arrow becomes darker, let go of lighter; press the down button, the down arrow becomes darker, let go of lighter), the 12-hour system, the 01-12 cycle; hours of the digital adjustments are completed, tap the right button, adjust the pre-selected box position Reach the minute icon position, tap up or down button to adjust clock digits (press up button, up arrow turns darker, release to lighten; press down button, down arrow turns darker, release to lighten), (00-59 cycle). After the time setting is completed, continue to tap the right button, you can move the dark blue check box to select AM or PM by pressing up and down buttons. Press OK button, the pop-up window displays the check mark (2S disappears automatically) while updating the time in the status bar; go back to the previous level of the interface (main menu). 3. The third interface is the setting interface. (1) Execute the Erase All Favoirtres operation and operate according to the pop-up window, YES to execute the operation and cancel the pop-up window, NO to cancel the pop-up	

window; YES to confirm that all the information in the memorized locations will be erased after executing this operation.

(2) **Execute the Articulations operation** and operate according to the popup window, YES to execute the operation and cancel the popup window, NO to cancel the popup window; YES to confirm that after executing this operation, it will go back to the page selected by the motor, redefine the bed type, and re-match the UI interface.

(3) **Execute the Un-Pairing Process operation** and operate according to the pop-up window, YES to execute the operation and cancel the pop-up window, NO to cancel the pop-up window; YES to confirm that after executing this operation, the connection between the remote control and the control box will be disconnected, and at the same time, return to the customer's LOGO interface, and re-select the bed type.

(4) **Execute Press & Release Mode operation**, operate according to the pop-up window, tap OK to execute the operation and cancel the pop-up window. If there is no operation after 15S, the pop-up window will be canceled automatically. Tap OK button to confirm switching to this mode, it will erase all the memories and restore the one-touch release mode (default mode of the remote control). The round icon in front of the option will change to dark color. At the same time, the round icon in front of the Press & Hold Mode option changes from dark blue to light gray;

(5) **Performing Press & Hold Mode operation** switches the remote control to Continuous Press Mode. The circular icon in front of this option changes from light gray to dark blue. At the same time, the circular icon in front of the Press & Release Mode option changes from dark blue to light gray

(6) **After the implementation of the Brightness option**, you can adjust the brightness of the remote control, through the up and down buttons to adjust, a total of three brightness, click the OK button to save and return to the upper level of the menu.

(7) **When the About option is executed**, it switches to the information about this remote control, tap the OK button to go back to the previous level.

Note: Tap to operate the remote control for the first time after hibernation, only wake up, no function, wake up to the main interface. No operation 5thS Bluetooth disconnect.

Remote control UI interface hibernation time crossed out is 15S hibernation, other is 5S hibernation. Please check the PDF file below for the specific interface

SR81

key labeling	SR81 function (new key value FLAT-2)
1	UBL: Underbed light on/off (always on)
2	Flashlight on/off (default 30s). Multiplexing Functions: ①Press and hold the button for 5s, the backlight will flash and it will enter into the memorizable mode, press SLEEP-1/SLEEP-2/SLEEP-3/FLAT-2 within 2s, the buzzer will be beeping to memorize the current position of the motor and the status of the massager and the light bar. (FLAT-2

	does not memorize the massager and light bar) ② Press and hold flashlight + LOCK at the same time for about 3s, the backlight blinks twice, and all position buttons of the remote control enter the one-touch release mode, which can reset all memory positions to the factory default setting memory positions at the same time. ③ Press and hold the flashlight + FLAT at the same time for about 3s, the backlight blinks three times, all position buttons of the remote control enter into the continuous pressing mode, and the motor stops when you release the buttons.
3	Key lock function: Long press this button for 5 seconds, the backlight will flash 3 times to lock the remote control buttons, at this time the remote control buttons are not available; after locking, press any button (except lock), the backlight will flash 3 times. Press and hold this button again for 5 seconds, the backlight blinks 3 times to unlock the remote control buttons, at this time the remote control buttons can be used.
4	The motor runs to the SLEEP-1 position with one touch (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press SLEEP-1 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SLEEP-1. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
5	The motor runs to the SLEEP-2 position with one touch (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press SLEEP-2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SLEEP-2. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position.

	There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
6	The motor runs to SLEEP-3 position with one key (with initial value), and runs to FLAT-2 and closes the massager after timing 15min in one key release mode, press any key to exit the timing; no timing in continuous pressing mode. Repeat function: long press flashlight about 5s, backlight flashes, press SLEEP-3 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SLEEP-3. (Power failure does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
7	Back Rise: Press and hold this button, the back motor will start to rise, release this button, the back motor will stop rising.
8	Leg Rise: Press and hold this button, the leg motor starts to rise, release this button, the leg motor rise stops Maximum operation up to 42.5mm, independent of motor stroke
9	Back drop: press and hold this button, the back motor starts to drop, release this button, the back motor stops dropping
10	Leg descent: press and hold this button, the leg motor starts descending, release this button, the leg motor descending stops
13	FLAT-2: motor one-touch operation to FLAT-2 position, without turning off the under-bed light, turning off the massager (with initial value) Reuse function: long press the flashlight for about 5s, backlight flashes, press FLAT-2 within 2s, buzzer sounds 3 times, record the current motor position to FLAT-2 (no memory of under-bed light, massager). (Power failure does not clear) 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together
key combination	FLAT3: FLAT + SLEEP 1, the backlight flashes once and the buzzer beeps briefly once, the motor runs to 0mm / 0mm first, then the head motor runs to 20mm first, and the foot motor runs to 20mm again; to realize the motor hall count reset function
(Default Function) Note: Press any button for more than 60s, the remote control will enter hibernation, release and press again to restore the function.	

(Default function) Pair code method:

- ① Individual control box/individual remote control: keep pressing the head up and foot down buttons until the backlight flashes to clear the remote control code pairing information; re-power on the control box, the control box will be in code pairing status in 60s, keep pressing the head up and foot down buttons of the remote control until you hear the buzzer ringing, and the backlight flashes to indicate the code pairing is successful.
- ② Single control box to dual remote control: keep pressing the head up and foot down buttons until the backlight flashes to clear the remote control code information; re-power on the control box, the control box will be in the code pairing state in 60s, keep pressing the head up and foot down buttons of remote control 1 until you hear the buzzer and the backlight flashes to indicate that the code pairing of remote control 1 has been successful; don't press any buttons of remote control 1, keep pressing the head up and foot down buttons of remote control 2 until you hear the buzzer and the backlight flashes to indicate that the code pairing of remote control 2 has been successful. Don't press any button of remote control 1, keep pressing the head down and foot up buttons of remote control 2 until you hear the buzzer and the backlight blinks, it means the remote control 2 is successful in code pairing, when switching between the two remote controls, you need to wait for the first one to disconnect from the bluetooth connection and then the second one can control it.
- ③ Dual Control Box to Dual Remote Control: Pair System 1 using the "Single Control Box/Single Remote Control" instructions. Pair System 2 using the "Single Control Box/Single Remote" instructions. Unplug System 1 and System 2. Connect the two systems using the synchronization cable. Power up System 1 and System 2. Both beds will now operate in synchronized mode.

Attention:

- 1、Control box can be opened by pressing the code key after powering up for 60s, the buzzer will ring three times to enter the code state, the control box code key has no reset function.
- 2、Remote control no operation for 5 seconds backlight directly off, about 6 seconds after the remote control into sleep at the same time bluetooth disconnect, press the button again bluetooth reconnect.
3. ***** control box initial power up or accidental power failure, must be manually reset before using *****

(Default function) Control box wired synchronization function:

When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box operates in synchronization with that control box.

When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables.

Logical Relationships:

1. Judgment when pressing the foot up and foot down buttons:

- 1.1. When the head is at 0 degrees (20mm) and **above**, the feet can run at any angle
- 1.2. When the head is at 0 degrees (20mm) ~ -5 degrees (10mm), the foot can only run at 0 degrees (20mm) and below.
(Buzzer sounds 2 times over the range)
- 1.3, head in -5 degrees (10mm) **below**, the foot can only run below the head position (0-10mm) (eg: head position 7mm, foot position can only be $\leq 7\text{mm}$) (over the range of the buzzer sounded 2)
2. Judgment when pressing the head-up and head-down buttons:
- 2.1, feet at 0 degrees (20mm) **or more**, the head can only run at 0 degrees (20mm) or more (beyond the range of the buzzer sounded 2)
- 2.2. When the foot is at 0 (20mm) to -5 degrees (10mm), the head can only run at -5 degrees (10mm) and above
(Buzzer sounds 2 times over the range)
- 2.3, foot in -5 degrees (10mm) **below**, the head can only be in the foot position and above the operation (for example: foot position 7mm, the head position can only be $\geq 7\text{mm}$ operation) (beyond the range of the buzzer sounded 2)

key labeling	Functions (old SR69 key values - full function program)
1	The motor runs to the ZG position at the touch of a button (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press ZG within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to ZG. (power off does not clear)
2	Button lock function: Long press this button for 5 seconds, the backlight flashes 3 times to lock the remote control buttons, at this time the remote control buttons are not available; Press and hold this button again for 5 seconds, the backlight blinks 3 times to unlock the remote control buttons, at this time the remote control buttons can be used.
3	UBL: Underbed light on/off (always on)
4	The motor runs to SNORE position with one key (with initial value), and the massager is flattened and turned off after 15min of timing in one-key release mode, press any key to exit the timing; there is no timing in continuous pressing mode. Reuse function: long press flashlight about 5s, backlight flashing, press SNORE within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SNORE. (power off does not clear)
5	The motor runs to the TV position with one touch (with initial values). Repeat function: long press flashlight about 5s, backlight flashes, press TV within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to TV. (power off does not clear)

6	The motor runs to the M1 position with one touch (with initial value). Reuse function: long press flashlight about 5s, backlight flashes, press M1 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M1. (power off does not clear)
7	PILLOW RISE: Press and hold this key, the PILLOW motor starts to rise, release this key, the PILLOW motor rises and stops.
8	The motor runs to the M2 position with one touch (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press M2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M2. (power off does not clear)
9	PILLOW DOWN: Press and hold this key, the PILLOW motor starts to descend, release this key, the PILLOW motor descends and stops.
10	Back Rise: Press and hold this button, the back motor will start to rise, release this button, the back motor will stop rising.
11	Flashlight on/off (default 15s). Multiplexing Functions: ① Press and hold the button for 5s, the backlight will flash and enter the memorizable mode, press ZG/SNORE//TV/M1/M2 within 2s, the buzzer will be beeping to memorize the current position of the motor and the status of the massager and light bar. ② Press and hold flashlight + LOCK at the same time for about 3s, the backlight blinks twice, and all position buttons of the remote control enter the one-touch release mode, which can reset all memory positions to the factory default setting memory positions at the same time. ③ Press and hold the flashlight + FLAT at the same time for about 3s, the backlight blinks three times, all position buttons of the remote control enter into the continuous pressing mode, and the motor stops when you release the buttons.
12	Leg Rise: Press and hold this button, the leg motor starts to rise, release this button, the leg motor rise stops
13	Back drop: press and hold this button, the back motor starts to drop, release this button, the back motor stops dropping
14	FLAT one-touch reset, all motors retract to minimum travel position, shut off massager (no reset on power-up)
15	Leg descent: press and hold this button, the leg motor starts descending, release this button, the leg motor descending stops
16	LUMBAR RISE: Press and hold this key, the LUMBAR motor starts to rise, release this key, the LUMBAR motor rises and stops.
17	LUMBAR DOWN: Press and hold this key, the LUMBAR motor starts to descend, release this key, the LUMBAR motor descends and stops.
18	If the head massager is not turned on, press the button to turn on the massager, the massager defaults to the state when it was last turned off, if the massager has been turned on, press the button to increase the intensity of the head massager, 3 intensities, in accordance with the

	order of: low -> medium -> high, the default time of 15 minutes to reach the highest intensity of the continuous running .
19	Turn on and off the massager: Tap this button to turn on the back and leg massager; tap this button again to turn off the back and leg massager.
20	If the foot massager is not turned on, press the button to turn on the massager, the massager defaults to the state when it was last turned off, if the massager has been turned on, press the button to increase the intensity of the foot massager, 3 intensities, in accordance with the order of: Low -> Medium -> High, the default time of 15 minutes to reach the highest intensity of the continuous running .
21	Lower the head massager intensity button, 3 intensities, press the massager again to turn it off when it reaches the lowest intensity.
22	WAVE button: If the massager is not turned on, press the button to turn on the massager, the massager defaults to the state it was in when it was last turned off , this button allows the massager to cycle between continuous-low wave-mid wave-high wave, 4 modes. Press and hold for approx. 5 seconds, the backlight flashes to turn off the massager
23	Decrease the intensity of the foot massager for 3 intensities and press the massager again to turn it off when it reaches the lowest intensity.
(Default function) Control box wired synchronization function: When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box operates in synchronization with that control box. When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables. When press the head down and foot down buttons at the same time, the backlight flashes and the buzzer "tick" "tick" "tick" enters the Split-top synchronization mode, in this mode the head motor is in split-control mode, no matter the head motor corresponding to the head up/down or memory position buttons is running, the remote control can only control the head motor connected to its control box successfully. In this mode, no matter the head motor corresponding to the head lift or memory position button is running, the remote control can only control the head motor connected to the control box with which it has successfully paired the code. Press the head-down and foot-down buttons again and the buzzer sounds a long beep to release the Split-top synchronization mode.	

key labeling	Functions (SR69 new key values – full function program)
1	The motor runs to the ZG position at the touch of a button (with initial

	values). Repeat function: long press flashlight about 5s, backlight flashes, press ZG within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to ZG. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
2	Button lock function: Long press this button for 5 seconds, the backlight flashes 3 times to lock the remote control buttons, at this time the remote control buttons are not available; Press and hold this button again for 5 seconds, the backlight blinks 3 times to unlock the remote control buttons, at this time the remote control buttons can be used.
3	UBL: Underbed light on/off (always on)
4	The motor runs to SNORE position with one key (with initial value), and runs to FLAT-2 and closes the massager after timing 15min in one key release mode, press any key to exit timing; no timing in continuous pressing mode. Reuse function: long press flashlight about 5s, backlight flashing, press SNORE within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to SNORE. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
6	Motor one-touch operation to TV position (with initial values) Repeat function: long press flashlight about 5s, backlight flashes, press TV within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to TV. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together

	4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
6	The motor runs to the M1 position with one touch (with initial value). Reuse function: long press flashlight about 5s, backlight flashes, press M1 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M1. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
7	PILLOW RISE: Press and hold this key, the PILLOW motor starts to rise, release this key, the PILLOW motor rises and stops.
8	The motor runs to the M2 position with one touch (with initial values). Reuse function: long press flashlight about 5s, backlight flashes, press M2 within 2s, buzzer sounds 3 times, record the current motor position and massager, light bar status to M2. (power off does not clear) Feature Description: 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together Note: If there is an outboard motor, the outboard motor will run at the same time after the head and foot motors run into position. There are two priorities when fixing the position: feet down and head up are high priority, and feet up and head down are low priority.
9	PILLOW DOWN: Press and hold this key, the PILLOW motor starts to descend, release this key, the PILLOW motor descends and stops.
10	Back Rise: Press and hold this button, the back motor will start to rise, release this button, the back motor will stop rising.
11	Flashlight on/off (default 15s). Multiplexing Functions: ①Press and hold the button for 5s, the backlight will flash and it will enter into the memorizable mode, press ZG-2/TV-2/SNORE-2/M1-2/M2-2/FLAT-2 within 2s, the buzzer will be beeping to memorize the current position of the motor and the status of the massager and the light bar. (FLAT-2 does not memorize the massager and

	light bar) ② Press and hold flashlight + LOCK at the same time for about 3s, the backlight blinks twice, and all position buttons of the remote control enter the one-touch release mode, which can reset all memory positions to the factory default setting memory positions at the same time. ③ Press and hold the flashlight + FLAT at the same time for about 3s, the backlight blinks three times, all position buttons of the remote control enter into the continuous pressing mode, and the motor stops when you release the buttons.
12	Leg Rise: Press and hold this button, the leg motor starts to rise, release this button, the leg motor rise stops Maximum operation up to 42.5mm, independent of motor stroke
13	Back drop: press and hold this button, the back motor starts to drop, release this button, the back motor stops dropping
14	FLAT-2: motor one-touch operation to FLAT-2 position, without turning off the under-bed light, turning off the massager (with initial value) Reuse function: long press the flashlight for about 5s, backlight flashes, press FLAT-2 within 2s, buzzer sounds 3 times, record the current motor position to FLAT-2 (no memory of under-bed light, massager). (Power failure does not clear) 1. Foot drop + head drop, foot first drop 2. Foot Rise + Head Rise, Head Rise First 3. Feet down + head up, moving together 4. Feet up + head down, moving together
15	Leg descent: press and hold this button, the leg motor starts descending, release this button, the leg motor descending stops
16	LUMBAR RISE: Press and hold this key, the LUMBAR motor starts to rise, release this key, the LUMBAR motor rises and stops.
17	LUMBAR DOWN: Press and hold this key, the LUMBAR motor starts to descend, release this key, the LUMBAR motor descends and stops.
18	If the head massager is not turned on, press the button to turn on the massager, the massager defaults to the state when it was last turned off, if the massager has been turned on, press the button to increase the intensity of the head massager, 3 intensities, in accordance with the order of: low -> medium -> high, the default time of 15 minutes to reach the highest intensity of the continuous running .
19	Tap this button to turn on the back and leg massager; Tap this button again to turn off the back and leg massager
20	If the foot massager is not turned on, press the button to turn on the massager, the massager defaults to the state when it was last turned off, if the massager has been turned on, press the button to increase the intensity of the foot massager, 3 intensities, in accordance with the order of: Low -> Medium -> High, the default time of 15 minutes to reach the highest intensity of the continuous running .

21	Lower the head massager intensity button, 3 intensities, press the massager again to turn it off when it reaches the lowest intensity.
22	WAVE button: If the massager is not turned on, press the button to turn on the massager, the massager defaults to the state it was in when it was last turned off , this button allows the massager to cycle between continuous-low wave-mid wave-high wave, 4 modes. Press and hold for approx. 5 seconds, the backlight flashes to turn off the massager
23	Decrease the intensity of the foot massager for 3 intensities and press the massager again to turn it off when it reaches the lowest intensity.
(Default function) Control box wired synchronization function: When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box operates in synchronization with that control box. When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the synchronization cables.	
Logical Relationships: 1. Judgment when pressing the foot up and foot down buttons: 1.1. When the head is at 0 degrees (20mm) and above , the feet can run at any angle 1.2. When the head is at 0 degrees (20mm) ~ -5 degrees (10mm), the foot can only run at 0 degrees (20mm) and below. (Buzzer sounds 2 times over the range) 1.3, head in -5 degrees (10mm) below , the foot can only run below the head position (0-10mm) (eg: head position 7mm, foot position can only be $\leq 7\text{mm}$) (over the range of the buzzer sounded 2) 2. Judgment when pressing the head-up and head-down buttons: 2.1, feet at 0 degrees (20mm) or more , the head can only run at 0 degrees (20mm) or more (beyond the range of the buzzer sounded 2) 2.2. When the foot is at 0 (20mm) to -5 degrees (10mm), the head can only run at -5 degrees (10mm) and above (Buzzer sounds 2 times over the range) 2.3, foot in -5 degrees (10mm) below , the head can only be in the foot position and above the operation (for example: foot position 7mm, the head position can only be $\geq 7\text{mm}$ operation) (beyond the range of the buzzer sounded 2)	

Full-function remote control (SR69 A0-PCBA)	
New full-function remote control program	 SR 69_new.hex

Old full function remote control program	 SR69_old.hex
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key labeling	SR69-004 Function
1	Motor one-touch operation to M1 position (with initial value) Repeat function: long press flashlight about 5s, backlight flashes, press M1 within 2s, buzzer sounds 3 times, record all current motor position and massager intensity, mode, light bar or color strip color status to M1. (power off does not clear)
2	Key lock function: long press this button for 5 seconds, the backlight flashes 3 times, lock the remote control keys, press any key except its own remote control backlight flashes three times, this time the remote control keys are not available; long press this button again for 5 seconds, the backlight flashes 3 times, unlock the remote control keys, this time the remote control keys can be used (Power off and on, remote control stays locked)
3	Regular underbed light: Press the button to turn on the underbed light, press again to turn off the underbed light (default always on) UBL: Tap to turn on, then press to turn off, remote control has no color switching function, next time you turn on, default to the color of the last time you turned off (default 15 minutes to turn off automatically) The color of the light strip can be used to set the color by APP, and when you set the color, you can turn on the underbed light
8	Back motor extends, releases to stop (first circuit)
9	Foot motor extends, releases to stop (second circuit)
10	Back motor retracted, released to stop (first circuit)
11	Foot motor retracts, release stops (second circuit)
12	Flashlight on/off (default 30s). Reuse function: press and hold the flashlight button for 5 seconds, the backlight flashes, enter memorizable mode, release the flashlight, press M1 within 2 seconds, the control box rings 3 times to memorize the current position, if you do not press the memorize position button within 2 seconds, you will exit from the editing and memorizing position mode;

	Reuse function: press and hold the flashlight+ FLAT at the same time for about 3s, the backlight flashes 3 times to enter the continuous pressing mode, at this time, all the position buttons enter the continuous pressing mode, release the button motor to stop. Reuse function: press and hold the flashlight + lock key at the same time for about 3S, the backlight flashes 2 times, enter the one key release mode, at this time, all position keys enter the one key release pressure mode, can be reset at the same time the memory location of the memory key to the factory default settings
13	FLAT one-touch reset, all motors retract to minimum travel position, (power-on does not reset) (If massager is on, turn off massager; do not turn off underbed light)
14	Enhancement: In Music Follow Mode, pressing this button will enhance the vibration intensity of the Follow Motion, cycling through 0-1-2-3 steps (default 1 step when entering Music Follow Mode).
15	Bluetooth switch: power on in the Bluetooth off state, the audio prompts "off Bluetooth" or "Bluetooth off", at this time the Bluetooth device can not be searched for, the music follows the operation area of the key no response Press the button, the bluetooth function is open, (such as the massager is open, close the massager) audio prompts "open bluetooth, wait for the connection" or "Bluetooth on, please wait" at this time to open the cell phone bluetooth, you can Search for Bluetooth devices and connect, connect successfully, the sound prompts "Bluetooth connected successfully" or "bluetooth connected", play music, the first time you power on the use of the vibrator to the default intensity of the 1-step music with the running Press the button again, the Bluetooth function is turned off, the audio prompts "Bluetooth off" or "Bluetooth off". The Bluetooth function of the device is on, turn off the Bluetooth of the cell phone, the audio prompts "Bluetooth disconnected" or "Bluetooth disconnected". When synchronized: Bluetooth control synchronized on/off
16	If any of the massagers is on, tap the button, massage off (because there is no off function for massager enhancement), the If all massages are off, click the button to turn on all massages, the massager defaults to the last time it was off
17	Music Pause/Play: Tap the button to play the music, operate again to pause the music
18	28Hz/40Hz: Vibrator 28Hz/40Hz switching (power-on default 28Hz) The operation button is effective only when the array gear is not 0 gear

19	If the head massager is turned on at the end of the head massager, press the button to turn on the massager, the default intensity of the massager is the intensity and mode when it was last turned off; If the massager has been turned on, press the button to increase the intensity of the head massager, 3 intensities, in the order of: low – medium – high, the default time of 15 minutes, to reach the highest intensity, the intensity remains unchanged
20	Mode switching: If the massager is not turned on, press the button to turn on the massager, the massager defaults to the state of the last time it was turned off, this button enables the massager to cycle between 4 modes: Continuous – low-speed wave – medium-speed wave – high-speed wave, the intensity of mode switching remains unchanged Press and hold for 5S, the backlight will flash and all massagers will be turned off.
21	If the foot massager is not open, press the button to open the massager, the massager defaults to the state of the last time it was closed, if the massager has been opened, press the button to increase the intensity of the foot massager, 3 strengths, in accordance with: low – medium – high order, the default time of 15 minutes to reach the highest intensity of continuous operation
Attention: If the massager (including music followers) is turned on, the motor runs, the intensity of the massager's vibration is reduced to 1 gear, the motor stops to restore the original gear	
Code pairing mode 1: (Code pairing is performed within 60 seconds of the control box) 1. Keep pressing the [HEAD UP+ FOOT DOWN] button until the backlight blinks to clear the remote control code information. 2. Power on the control box, the control box will be in the code state in 60s, keep pressing the [head down + foot up] button of the remote control until you hear the buzzer ringing 1 sound, it means the code is successful. Code pairing mode 2: (Code pairing after the control box exceeds 60S) 1. Keep pressing the [HEAD UP+ FOOT DOWN] button until the backlight blinks to clear the remote control code information. 2. Press the control box code key, the buzzer sounds 3 times, keep pressing the remote control [head down + foot up], the buzzer sounds 1 time, prompting the code success!	
(Default function) Control box wired synchronization function (Continuous press mode does not chase synchronization): When two control boxes are connected with a synchronization cable, one of the control boxes is controlled and the other control box operates in synchronization with that control box. When controlling the synchronization system with two remotes, it is necessary to pair the codes separately before re-powering and connecting the	

synchronization cables.
Bluetooth grouping: First confirm that the bluetooth is open, the cell phone bluetooth and control box bluetooth connection, and connect successfully, if you want to team up with the music vibrator from the machine, long press the button "pause + bluetooth switch" button, the backlight flashes, bluetooth into the teaming mode, the sound prompts "waiting for teaming "or "pairing", if prompted "teaming successful , bluetooth connection successful" or "pairing successful If prompted "teaming successful, bluetooth connection successful" or "pairing successful", it suggests successful pairing. If the group is unsuccessful, the sound will indicate "grouping failure" or "pairing failure". Cancel the grouping: Cancel pairing, long press "Pause + Bluetooth switch" button, the backlight blinks, the audio prompts the host: "team disconnect" or "unpairing complete ", and the sound prompts the host: "team disconnect" or "unpairing complete". If there is no group: play music, only the audio connected to the phone is played If the team is successful: play music, two stereos at the same time
Music demo mode: First open the Bluetooth switch, confirm that the Bluetooth is connected, and then press the key combination "pause + vibration" to enter the built-in music mode, the audio prompts "U disk play" or "USB access The audio prompts "U disk play" or "USB access", automatically play music, open the music with the intensity at the same time open the highest gear (3 gears), such as not recognizing the USB flash drive, it prompts "unrecognized device" or "unrecognized device"; "Pause + with vibration" to enter the Bluetooth music mode, the audio prompts "open Bluetooth, wait for connection, Bluetooth connected successfully" or "Bluetooth on, please wait , bluetooth connected". bluetooth connected". Pause the music, turn on the music with the intensity at the same time open the low gear (1 gear) Note: Music vibrator compatible music format and U disk format: music format support MP3, wav, wma three; U disk partition unit size must be less than 8192 bytes, format support FAT12, FAT16, FAT32, exFAT, does not support NTFS.
Note: (default function) 1. Press any button for more than 60s, the remote control will go into hibernation, release and press again to restore the function. 2. When pressing the flashlight button, the remote control enters into sleep time for 30 seconds, and enters into sleep time for 6 seconds when pressing other buttons on the remote control.

3. Control box without power-on reset 4. No reset function for the control box code key. 5. Remote control no operation 5 seconds backlight directly extinguished, into the hibernation	
reserved function	
SNORE	One-button release mode is timed for 15min, then flatten and turn off the massager, press any button that can operate the motor to exit the timer; Continuous pressing mode has no timer. (If you are in the SNORE position, the timer starts, and then you click the SNORE command again, the timer has to be reset.)

Stop Snoring Intervention - Functional Criteria

functional zone	NO	function block	Detailed Functional Contents
Stop Snoring Intervention	1	trigger condition	Sleep detection band ① two people in bed to sleep ② a person in bed to sleep and another person is not in bed Any side of the sleep monitoring belt monitoring band snoring signal, that is, to trigger snoring intervention, the motor position must be in the 0mm flat position
	2	Stop Snoring Motor Action	Stop snore raise process: run at 50% of the original motor speed to the snore position.
			Automatic leveling 15 minutes after raising to snore position Stop snore leveling process: run at 50% of the original motor speed and lower to the reset position.

	3	Retrigger.	Up to 3 consecutive stop snoring actions, the control box will stop responding to snoring commands from the sleep monitor until the control box is reset by pressing any button on the remote control (reset after 8 hours if no buttons are operated)
	4	Anti-snoring position	After the Stop Snore intervention, the motor runs to the Anti snore position.
	5	Vibrator Stop Snoring Intervention	Stop snoring intervention ineffective when vibrator is on
	6	Motorized Stop Snoring Intervention	Stop snoring intervention not effective if motor position exceeds >18mm, C65 off-bed sensing not effective

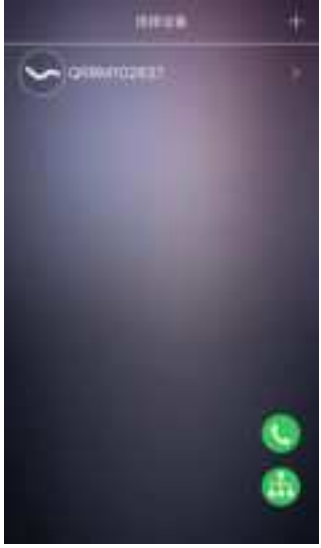
RGB off-bed control

functional zone	NO	function block	Detailed Functional Contents
RGB Sensor Light Strip	1	remote control	When the underbed light is off, operate the button to turn on the underbed light; When the underbed light is on, operate the button to turn off the underbed light; The color of the light strip is set by APP, the remote control has no color switching function. Timing off: after the remote control is turned on, it will be

			automatically turned off in 15 minutes by default (only RGB is timed, T21 has no timer off). (Note: the system can be connected to T21 and RGB light strip, through the access detection judgment, the implementation of one of the control logic)
	2	APP control	1, can set the color of the light strip. Red, orange, yellow, green, green, blue, purple, white, 8 colors can be set 2, Adjustable light strip brightness, 3 grades adjustment; 3, 4 timing off stalls, 15min, 30min, 60min, always on; 4, away from the bed sensor function switch;
	3	RGB off-bed sensing	1、App can set the Motion Activated Function on or off; 2. Both T79 and sleep monitoring band can be used as the bed departure sensor signal; 3、When a person leaves the bed, the light signal, T79 or the sleep monitoring belt is the first to sense the priority; 4, C65 sleep monitoring RGB sensor function, can be individually set in the APP on or off (default off)
	3	synchronized control	Synchronized state sensing, the light strip lights up the corresponding side of the control box to set the color, there is no sense of the side of the bed does not light up
	4	inductive logic relationship	If you turn on the massager or vibrator, away from the bed sensor light is invalid, such as away from the bed sensor light is turned on, after turning on the massager or vibrator, can only be manually turned off the underbed light Invalid off-bed sensor light when motor stroke >18mm

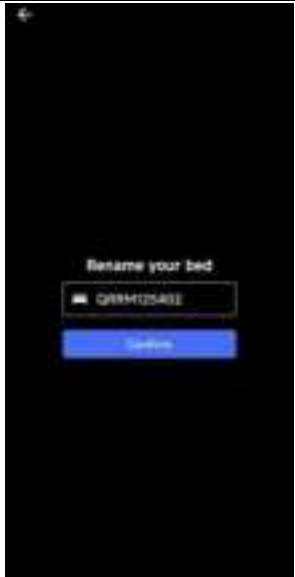
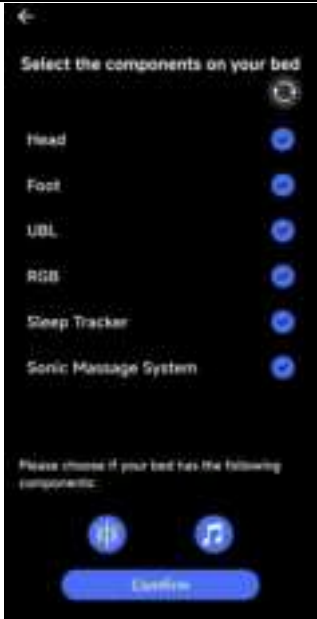
V. Bluetooth function description

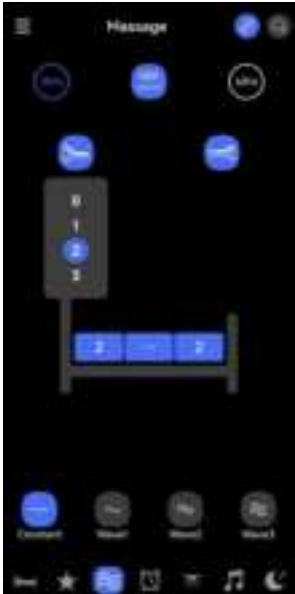
initial step	Scan the code to download the mobile app.	
second step	① In China, please click "Android Mirror 1" or "Android Mirror 2" to download; Outside of China, please click "Google Play" to download.	
	Click on "App Store" to download.	

third step	Open the AppRMControl software link to the "QRRMXXXXXXXX" 10-digit device.	
fourth step	Scan the QR code, the operation interface appears, at this time the phone can control the operation of the motor (power off to clear the link).	
	Input "AQRM", click search, the operation interface appears, then the phone can control the operation of the motor (power off to clear the link).	

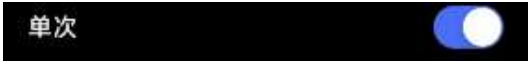
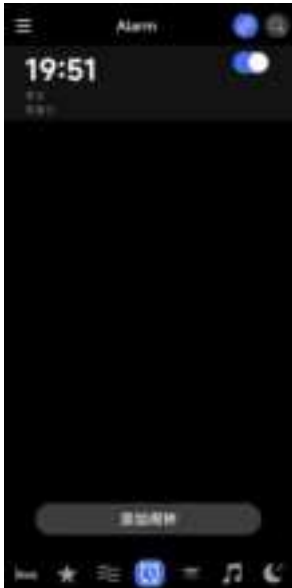
SR69-004 (Adaptor Vibrator PCBA)

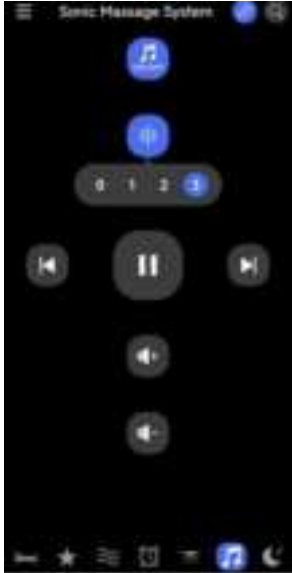
initial step	Scan the code to download the mobile app. (QR code for Android)	
second step	Android Download Interface	
	Apple download interface (Apple has no picture yet because it is not on the shelves)	

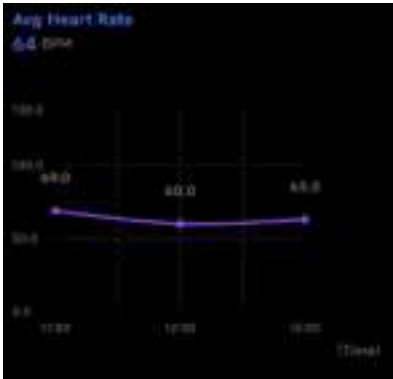
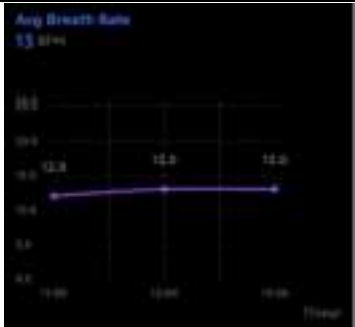
third step	Open the App software link to the "QRRMXXXXXXXX" 10-digit device.	
	Select the "confirm" button to enter the device selection interface.	
fourth step	After all the devices are connected, the system will automatically detect the peripherals, after the automatic detection is finished, click the "confirm" button to enter the device operation interface. This interface is the device detection interface, if the peripheral is not connected, the display will be "X".	

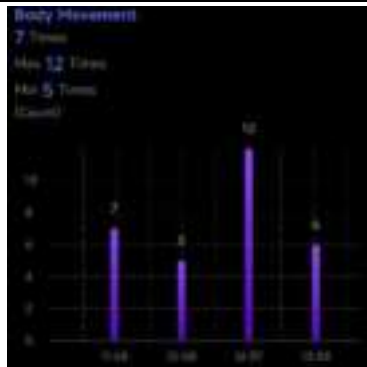
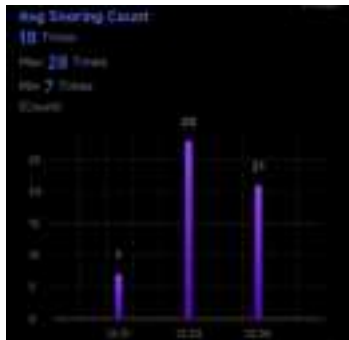
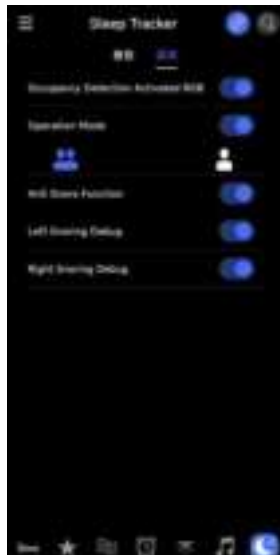
	Motor Operator Interface Note:  will be displayed only when connected to LEDs, and will not be displayed when connected to RGB. 	
	Memory Position Operator Interface Click  to manually memorize and save the fixed position of the motor. Click "Erase All Favorites" to restore the factory settings of the fixed location, one-click release mode.	
	Massager control interface, click on the back/leg massager icon, it will automatically drop down to show the current massager gears	

	Click "Add Alarm" to enter the alarm setting interface.	
	Set the time the alarm clock needs to run	
	Click on "Mode" to set the way the alarm runs.	

	Select the date on which the alarm needs to run Can be set to run Monday through Sunday  Or click on the slider to the right of "Single" to set up a single run.  Once you've set your settings, click "Save".	
	After the alarm is saved, the set alarm time and action position will be displayed in the alarm interface Attention: 1. Alarm set time cleared when control box is powered down 2. After the alarm clock responds, only the alarm clock side of the electronic control box responds to the action 3. Alarm motor: motor runs directly into position 4. Alarm clock massager: to the alarm time, head and foot massager at the same time open, low-speed wave run 60S - medium-speed wave run 60S - high-speed wave run 60S, after the end of the run, the massager stops the action, press any button to interrupt the alarm clock massager run If the first vibration of the massager is not interrupted, then after 5 minutes, the massager continues to alarm reminder, until pressing any button of the remote control to interrupt the massager alarm, otherwise the massager alarm runs once every 5 minutes	

	This screen is only displayed when the RGB is connected. Click the color button to change the color of the RGB light bar Click on the box under "Brightness" to change the brightness of the RGB strip. Select "Time" to change the default off time of the RGB strip. Select "Motion Activated Function". Infrared sensor switch can be set, if set sensor on, the RGB light bar will be turned on automatically after sensing a person (only the connected control box is set)	
	Music Vibrator Control Interface Click  follower button, it will automatically drop down to show the music follower gear, click the gear, you can change the follower intensity	

	Add a sleep monitoring system, enter the sleep monitoring interface, which can display the quality of sleep (the device is automatically connected, no need to manually connect)	 The screenshot shows the 'Sleep Tracker' app interface. At the top, there are buttons for 'Start Sleep' and 'Manual Report'. Below this is a date bar for '2024-10-21'. The interface displays sleep statistics: 'Sleep Time' (12:34), 'Sleep Duration' (33m), 'Sleep On Bed' (13:13), and 'Sleep Off Bed Duration' (0m). A 'Sleep Status' graph shows a pink bar for 'Asleep' and a blue bar for 'Awake'. A legend at the bottom indicates sleep stages: Deep (15m), Light (20m), Rem (5m), and Awake (102m). The 'Avg Heart Rate' is shown as 64 bpm.
	Average heart rate (displayed after data is available)	 The screenshot shows a line graph titled 'Avg Heart Rate' with a value of 64 bpm. The y-axis ranges from 0.0 to 120.0. The x-axis is labeled 'Time' with markers at 11:00, 12:00, and 13:00. The graph shows a blue line with three data points at approximately 64.0, 60.0, and 68.0 bpm.
	Average respiration (displayed when data is available)	 The screenshot shows a line graph titled 'Avg Respiration Rate' with a value of 13 bpm. The y-axis ranges from 0.0 to 16.0. The x-axis is labeled 'Time' with markers at 11:00, 12:00, and 13:00. The graph shows a blue line with three data points at approximately 12.8, 13.3, and 13.0 bpm.

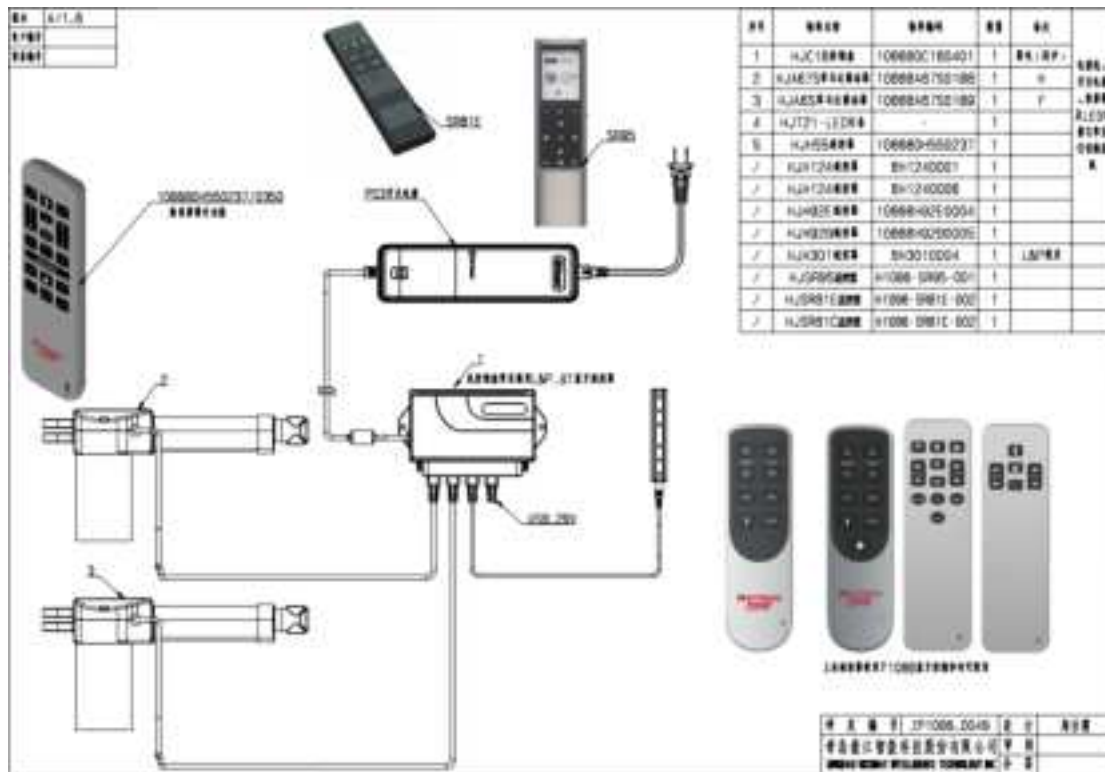
	Number of physical movements (displayed when data are available)	
	Average number of snores (data to be displayed when available)	
	Click on "Options" to enter the Sensor Belt Settings screen. Click on the "Occupancy Detection Activated RGB" sliding bar on the right side, you can set whether to leave the bed sensing or not, if you set the bed sensing on, then after leaving the bed, the light bar will be turned on automatically (only set the connected control box). Click on "Operation Mode" to set up a single or double bed (only the connected control box is set up). Click on the slider to the right of the "Anti Snore Function" to activate the anti-snoring intervention (only for the connected control box). Left / Right Snoring Debug, for temporary debugging, after the official version, these two commands will be canceled.	

	Click "☰" in the upper left corner to enter the setting interface ①Re-selecting peripheral accessories ②Theme Setting ③Renameable for Bluetooth devices ④One-touch release mode ⑤ Continuous pressing mode ⑥Sleep data reminder (vii) Version information	
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Caveats:

1. To protect the reliability and safety of the motor and control box, do not switch the keys frequently.
2. For the first time use or accidental power failure during operation, it must be reset and then used again.
3. Prohibit the plugging and unplugging of equipment with electricity, plugging and unplugging with electricity is a violation of the operation, such as accidentally plugged and unplugged with electricity, need to reset and then use
4. After the test, you must use the supporting remote control to restore the factory settings, (flashlight + LOCK (lock))

System Configuration Diagram



Product Specification Sheet

Control Box Specification Sheet

Control Box Models	HJC18N	BOM	108680C180401
PCBA number	610C18GC0000	program number	H6C0172 12TTC18GC000
synchronization method	Y	communication method	BT
specification code	P# TBD***C18-51XX-0025BE3B-*C18GC0172V10		

*Because the customer's old program number can not be changed, the new program number and the old program number is only a different name, the content is the same, the specification code for the new program number

Remote control specification table

Remote Control Models	HJH124	BOM	8H1240001
PCBA number	61H124B00000	program number	12TTH1240000
scale code			

Remote Control Models	HJH124	BOM	8H1240006
PCBA number	61H124B00000	program number	12TTH1240003
scale code			
Remote Control Models	HJH301 (L&P)	BOM	8H3010004
PCBA number	61H301A10000	program number	12TTH301A100
scale code			
Remote Control Models	HJH92E (RICHMAT)	BOM	10868H92E0004
PCBA number	610H92X10001	program number	12TTH92X1011
scale code			
Remote Control Models	HJH92B (RICHMAT)	BOM	10868H92B0005
PCBA number	610H92X10001	program number	12TTH92X1012
scale code			
Remote Control Models	SR95	BOM	H1086-SR95-001
PCBA number	61SR95B00000	program number	H6C0024 H6C0119
control code	P# to be determined** SR95-51XX-00A4BE7C/SR95B00024V10 P# to be determined** SR95-01XX-5726703F/SR95B00119V10		
Remote Control Models	HJSR81D	BOM	H1086-SR81D-002
PCBA number	61SR81CA0000	program number	H6C0369
specification code	P# to be determined* SR81C-51XX-000E167F/SR81CA0369V11		

***Do not leave blank any field that is not required, please cut it out or fill in "N/A".**

Change of curriculum vitae

releases	Date of change	Summary of Changes	source (of information etc)
V1.4	2022/12/12	Fixed position modification M1, H31F79 to H25F25; M2, H112F46 to H20F40	TAPD
V1.5	2022/12/16	Adding H92E/H92B remote control	TAPD
V1.6	2023. 9. 21	Add SR95 remote control	TAPD
V1.7	2024. 1. 13	Add SR81 remote control, change control box new key value, new program number	1086-23122801-Better Sleep Electronics New BT Control Box Program

V1.8	2024.4.12	1. The flashlight auto-off time is modified to 30 seconds; 2. All memory position interfaces changed to 5 memory positions + FLAT interface	Customer Request-1086-2024032001-SR95 Remote Control UI Modification
V1.9	2024.4.25	Modification: 1: resting hibernation time 2: lock status popup logic	Customer Request-1086-2024032001-SR95 Remote Control UI Modification
v2.0	2024.5.10	Changing the remote control sleep time	1086-24042301-Modifying the remote control Sleep Timer and upgrading the remote control program version number
		Add SLEEP 1.2.3 key value, remove SR81E remote control	1086-24041801 - Creating a new Better Sleep remote and replacing an existing one
v2.1	2024.6.7	Changing the function of FLAT-2 Change SR95 lock status	1086-24041801 - Creating a new Better Sleep remote and replacing an existing one Customer needs-1086-2024032001-SR95 remote control UI modification
v2.2	2024.7.8	Add FLAT3 function	20035-24062801-New key combination to realize FLAT3 function and change the long press motor down reset hall number time from 1.25 seconds to 300 milliseconds.
V2.3	2024.7.17		Customer Requirements-20035-24071501-Lock Function Setting
V2.4	2024.8.30	Changing the rest time for different UI screens of SR95	Customer Requirements-20035-24082001-SR95 Hibernation and Backlight Off Time Change

Caution:

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.

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

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.