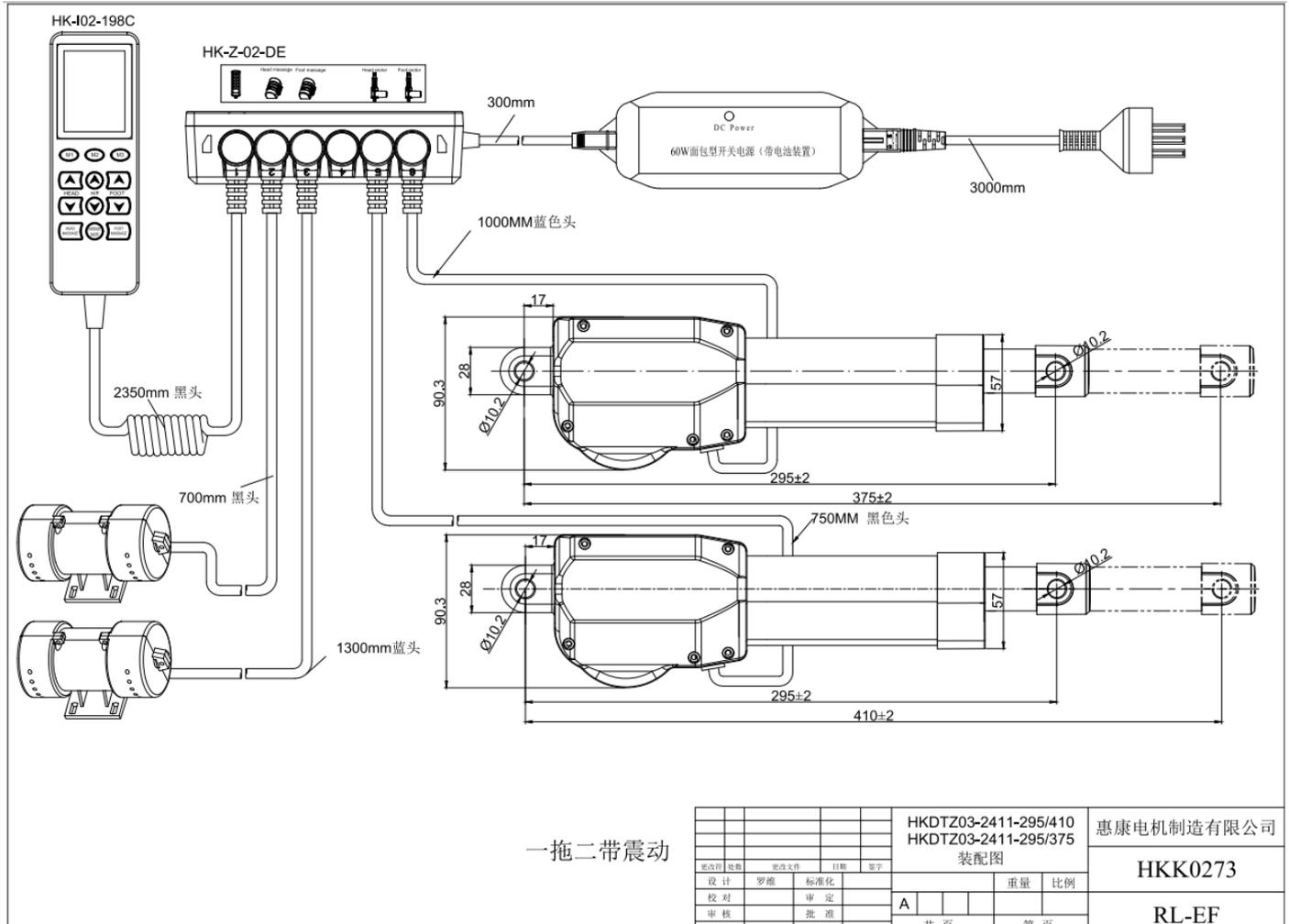


# RL-EF-198C Instruction Manual

## Overall wiring diagram :



### Operation instructions

Preparation: according to the specification connect then power on.

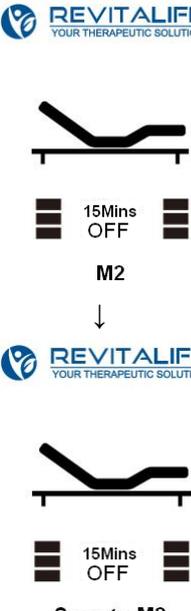
Reset function: the initial power-up, the bed must be reset operation, to ensure that the subsequent function key position is accurate.



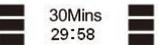
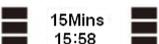
The operation is as follows: long press the “” key, the bed automatically return to the flat state, indicating the reset success.

### Operating instructions:

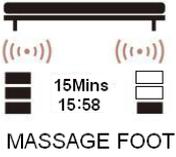
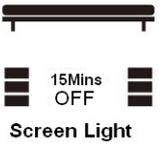
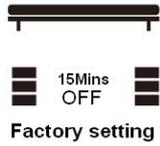
Button	Usage	Description of the function	Show icon
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	<p>Short press /Long press</p>	<p>Memory position : <b>M1(Default position: TV)</b>  Short press M1 key, bed automatically move to <b>M1</b> position.  3. Press any button to stop moving.  4. Save <b>M1</b> position: Long press <b>HEAD</b> and <b>FOOT</b> button to adjust the bed to UP and Down and then get the comfortable position, Long press <b>M1</b> button <b>3 Seconds</b>, display show “<b>Save to M1</b>” means “M1” set up successfully. Next time to press <b>M1</b> button, bed will move to current position.   5. LCD display the icon as right:</p>	
	<p>Short press /Long press</p>	<p>1.Memory position : <b>M2 (Default position: Zero gravity)</b>  2. Short press <b>M2</b> key, bed automatically move to <b>M2</b> position.   3. Press any button to stop moving.  4. Save <b>M2</b> position : Long press <b>HEAD</b> and <b>FOOT</b> to adjust the bed to UP and Down and then get the comfortable position, long press <b>M2</b> button 3 Seconds, display show “<b>Save to M2</b>” means “M2” set up successfully. Next time to press <b>M2</b> button, bed will move to current position.  5. LCD display the icon as right:</p>	
	<p>Short press /Long press</p>	<p>Memory key: <b>M3 (Default position: Snoring prevention)</b>  Short press <b>M3</b> key, bed automatically move to <b>M3</b> position.  3. Press any button to stop moving.  4. Save <b>M3</b> position: long press <b>HEAD</b> and <b>FOOT</b> to adjust the bed to UP and Down to get the comfortable position, long press <b>M3</b> button 3 Seconds, display show “<b>Save to M3</b>” means “M3” set up successfully. Next time to press <b>M3</b> button, bed will move to current position.  5. LCD display the icon as right:</p>	

			   <b>Save to M3</b>
 <b>HEAD</b> 	<p>Long press</p>	<p>Backrest micro-adjust key: <b>HEAD</b>  Long press UP key, backrest part lifts up: Motor extend, release button to stop.</p> <p>Long press down key, backrest recline: motor return back. Release button to stop.  LCD display the icon as right:</p>	   <b>HEAD UP</b>    <b>HEAD DOWN</b>
 <b>FOOT</b> 	<p>Long press</p>	<p>1. Foot micro-adjust key: <b>FOOT</b>  Long press UP key, Foot part lift up: Motor extend, release button to stop.</p> <p>Long press down key, Foot part recline: motor return back. Release button to stop.  LCD display the icon as right:</p>	   <b>FOOT UP</b>    <b>FOOT DOWN</b>
 <b>H/F</b>	<p>Long press</p>	<p>Backrest part and Foot part simultaneous micro-adjust key: <b>HEAD/FOOT</b>  Long press up key, Backrest and Foot part lift up: motors extend at the same time. Release button to stop.  LCD display the icon as right:</p>	   <b>H/F UP</b>

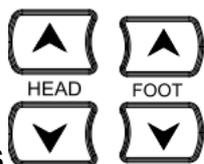
	<p>Long press</p>	<p>Backrest part and Foot part simultaneous micro-adjust key: <b>HEAD/FOOT</b></p> <p>Long press down key, Backrest and Foot part recline: motors return at the same time. Release button to stop.</p> <p>LCD display the icon as right:</p>	   <p>H/F DOWN</p>
	<p>Short press /Long press</p>	<ol style="list-style-type: none"> <li>1. Massage button: <b>MESSAGE ON/OFF</b></li> <li>2. Short press, vibrator massage of backrest and footrest work together, LCD display time: 15Mins, icon of vibrator blinks, and display countdown from <b>15 Mins</b>, vibrator massage will automatically shut off after countdown finish, display show <b>OFF</b>, icon of vibrator get solid.</li> <li>3. Press again, vibrator of backrest/footrest shut off at the same time. LCD display 15Mins, countdown finish and then display <b>OFF</b>, icon of vibrator get solid.</li> <li>3. Long press 3 Seconds switch time of vibrator massage: <b>15Mins/30Mins</b></li> <li>4. Default time after operate vibrator massage: <b>15Mins</b>.</li> <li>5. LCD display the icon as right:</li> </ol>	   <p>↓</p>    <p>TIME TO 15mins</p> <p>↓</p>    <p>TIME TO 30mins</p>
	<p>Short press /循环</p>	<p>Vibrator intensity adjustment of backrest button: <b>HEAD MASSAGE</b></p> <p>After start massage system: each press, the vibrator intensity will change from stronger to no vibration:</p>  <p><b>(stronger) - (mid) - (weak) - (close) - circulation</b></p> <p>The next time you start, default to the last strength.</p> <p>LCD display the icon as right:</p>	   <p>MESSAGE HEAD</p> <p>↓</p>

			   MASSAGE HEAD ↓    MASSAGE HEAD ↓    MASSAGE HEAD
	Short press /循环	1. Vibrator intensity adjustment of footrest button: <b>FOOT MASSAGE</b> 2. After start massage system: each press, the vibrator intensity will change from stronger to no vibration:  ( <b>stronger</b> ) -  ( <b>mid</b> ) -  ( <b>weak</b> ) -  ( <b>close</b> ) - <b>circulation</b> 3. LCD display the icon as right:	   MASSAGE FOOT ↓    MASSAGE FOOT ↓

			   
 + 	Long press	<p>Brightness adjustment of LCD backlight.</p> <p>Long press <b>M1+M3</b> at the same time, LCD backlight automatically adjusts brightness, once get your favorite brightness, release buttons then keep it.</p> <p>LCD display the icon as right:</p>	 
 + 	Long press	<p>Resume factory setting.</p> <p>Long press <b>M1+M2</b> at the same time, when LCD display "<b>Factory setting</b>", means memory of M1/M2/M3 resume factory setting successfully.</p> <p>LCD display the icon as right:</p>	 
<b>Light</b>	White backlight of button and LCD wake up once press any button. Backlight and LCD window will shut off after release button in 15 seconds.		

## 二、Customize learning instructions of memory position setting up:

For example: how to set up "M1" position:



1. Long press   to get comfortable position, then long press   display show "**Save to M1**" means set up successfully.

2. This position will be new "M1" when you operate in next time.

3. If you need another position, please repeat the step 1 and 2.

4. This operation procedure is also useful for setting up "M2" and "M3"

## 三、Technical parameters



**Motor:**

Input: DC 29V

Rated current: 2A

**Handset:**

1. Input: DC 29V

2. Rated current: 100mA

3. LCD: 2.4 TFT, Transmission, 12 o'clock. 240\*320

4. USB: DC 5V 2.4A MAX

**3. Power supply (Transformer):**

Input: AC100~240V 50/60Hz

Output: DC 29V

Rated current: 2A

**四、 Common fault and solution**

Fault phenomenon	Possible causes	How to solve
The bed doesn't work.	1. The motors are connected correctly or not 2. Power plug cable is good or not. 3. Use suitable power supply or not	1. Check the connection according to the specification 2. Check that the power plug is good or not, whether it is plugged in or not. 3. Output of power supply should be 29V/2A.
Bed suddenly stops or fails during operation	1. No vibration 2. Loosed connection 3. Wrong operation and disorder of procedure.	1. Follow up the operation manual. 2. Disconnect the power, reconnect. 3. Re-check the connector and reconnect

**五、 Note:**

Indoor use only, avoid sun exposure, rain, moisture, and use in extreme temperatures.

If the surface has moisture water, should be disconnected power immediately and stop using, wait for the water stains evaporation and dry can be reused.

Adult use only

To avoid electric shock, do not remove the cord skin.