

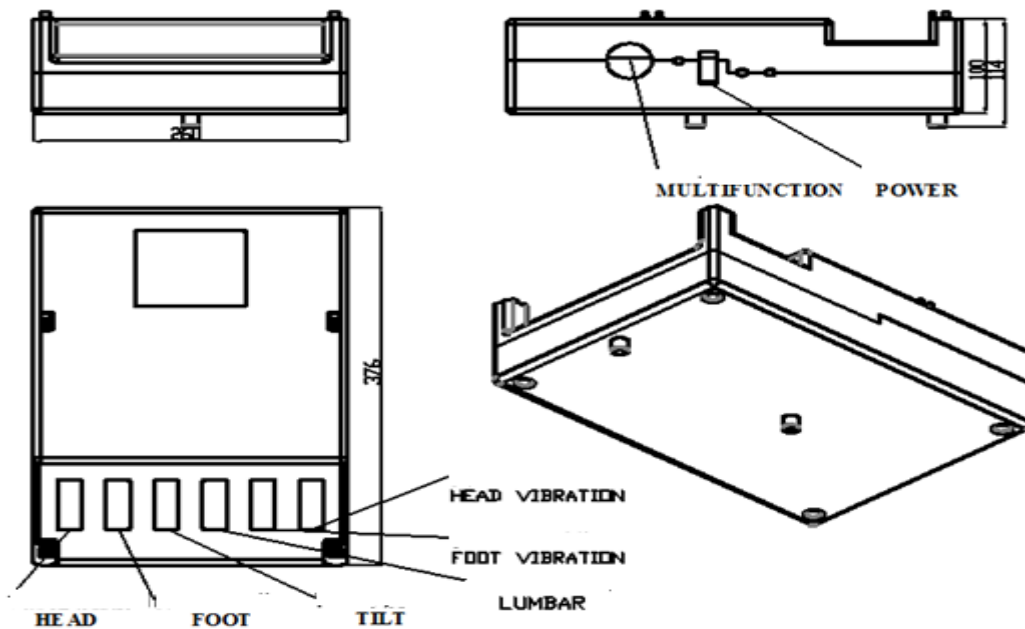
	Innovation Department	Date:	2015. 10. 05
	Product specification	Author:	John
	Product specification	CU358-4	
CU358-4 Control BoxProduct Specification		Version:	1

1. Product appearance chart

SoftideCU358-4 control box



2. Product dimension figure



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3. Product Function

1. Interface function specification;



**Message motor
(HEAD)interface
(HEAD VIBRATION)**

**Message motor
(FOOT)interface
(FOOT VIBRATION)**

**Actuator
(LUMBAR) interface**

**Actuator
(TILT) interface**

**Actuator
(FOOT)
interface**

**Actuator
(HEAD) interface**



**Interface
(MULTIFUNCTION)**

**Power cable
(POWER)
interface**

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Interface (HEAD) :Actuator(HEAD) interface;

Interface (FOOT) :Actuator(FOOT) interface;

Interface (TILT) :Actuator (TITL)interface;

Interface (LUMBAR) :Actuator (LUMBAR)interface;

Interface (FOOT VIBRATION) :Massage motor(FOOT) interface;

Interface (HEAD VIBRATION) :Massage motor(HEAD) interface;

Interface (POWER) :Power supply interface of control box, the power LED is near the power interface;

Interface (MULTIFUNCTION) :Multifunctional interface, connect with sync cable and external equipments such as LED,POWER DOWN BOX、Bluetooth and so on;

2、Function description of the buttons;

- a. code matchong :double click RESET button ,LED will light and enter into the state of code matching;
- b. Reset :Long press RESEETbuttn, enter into the state of reset, the bed lay flat;

3、Extended function describtion;

External equipment such as bluetooth connects with control box through multifunctional interface;Double click RESETbutton,the control box enter into binding state;long press RESET button,the actuator moves in,release the button, the actuator stops moving in; There are two batteries of 9V inner POWER DOWN BOX, under the state of power down of control box,long press the positive RESET button, the actuator moves in(in order to lay flat the bed), release the button, the actuator stops moving in;

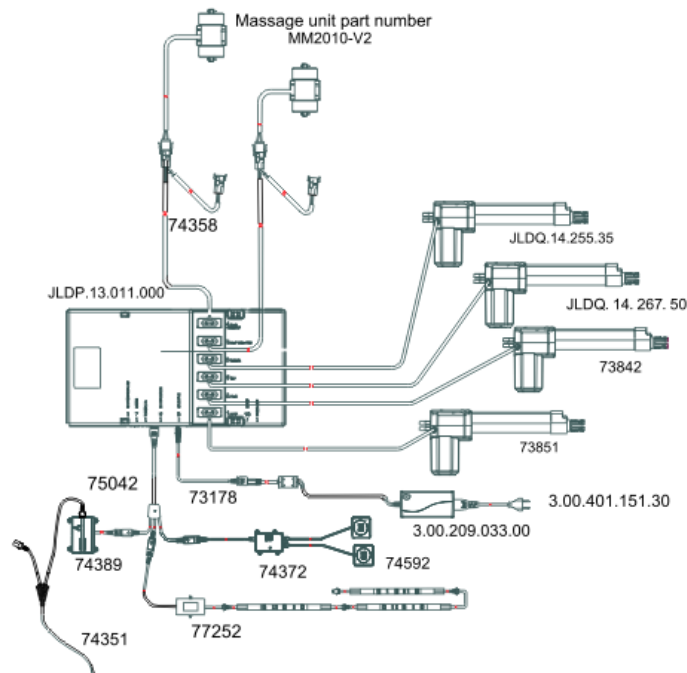
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4. Main requirements for product performance parameters

input	Input voltage range	18-30VDC
	Output current	2A@29V
output	RF frequency range	2.379~2.496GHz
	RF modulation mode	GFSK
	RF transmit power	0dB
environment		Indoor use
Work temperature		-10~40°C
Storage temperature		-20~55°C
other	Protection level	IP20
	Flame retardant rating	94V-0

5. Product connection diagram



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6、 Range of application

Mainly used in family or medical bed.

7、 Frequently asked question

None

8、 Installation considerations

To fix with screw nut, pay attention not to fold or bend when installing, overexertion will cause the breakage of the screw nut.

9、 Maintenance

- 1、 Non-waterproof product are not allowed to place in wet areas, and all the products cannot be washed by water but wipe by alcohol.
- 2、 The appearance is adopt plastic material with many components, which need to be handle with care install correctly.
- 3、 Comply with safety operation procedures. Do not overload the products, and eliminate unsafe factors in time.
- 4、 Operating environment and temperature: Under normal temperature.
- 5、 Relative humidity: $\leq 80\%$ 。

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

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.

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