

# YIRAN

## YR-U80-PRO-MAX

Ver1.0



## Muscle stimulator

- Thank you for purchasing Yiran muscle stimulator.
- In order for you to use this product safely, please read this manual carefully before use.
- Please keep it properly after reading for reference at any time.
- This manual is attached with a warranty card, please do not lose it.
- The illustrations in this manual are renderings.

Production license number:

Medical device registration number:

## FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

## RF Exposure Information

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

The device can be used in portable exposure condition, compliance with exposure requirements.

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In order to ensure that you use this product correctly and safely, please read the User Manual carefully before use. Our company will not be responsible for the consequences caused by incorrect use or non-compliance with the relevant instructions of this product.

## Safety precautions

·The warning signs and legends indicated in the instructions are intended to enable you to use the product safely and correctly, and prevent injury and property loss to you or others.

·Warning signs, legends and their meanings are as follows.

■ Meaning of warning signs

### DANGER

Indicates the danger of personal injury or serious injury caused by misuse

### WARNING

Indicates the possibility of causing personal injury or serious injury in case of misuse

### ATTENTION

Indicates the possibility of causing personal injury or damage to goods \* in case of misuse



Indicates a warning



Indicates BF type application part



Indicates operating instructions

## IP22

It means that this product can prevent solid foreign matters with a diameter of no less than 12.5mm from entering and prevent harmful effects caused by water dripping in the vertical direction when the shell is tilted at 15°

## DANGER

Please never use it with the following medical electronic devices:

- ① Implantable medical electronic devices such as cardiac pacemakers
  - ② Artificial heart and lung and other life-sustaining medical electronic devices
  - ③ Medical electronic devices such as electrocardiograph
- These medical electronic devices may cause misoperation and may endanger life.

## WARNING

- (1) If the patient uses the high-frequency surgical equipment and the therapeutic instrument on the body at the same time, the position of the electrode of the therapeutic instrument may cause burns or damage the therapeutic instrument.
- (2) If the (1M) therapeutic apparatus is used near the short-wave or microwave treatment equipment, the output of the therapeutic apparatus may be unstable.
- (3) During the treatment, the electrode should avoid contacting the wound and scar.
- (4) During the treatment, the electrode should not be placed near or before and after the heart.
- (5) The electrode piece is only used by the same patient.
- (6) When using, the electrode should be tightly pasted on the skin and evenly contacted.
- (7) If there is any problem before or during use, it is recommended to consult a doctor.
- (8) Using electrodes near the chest increases the risk of heart fibrillation.

In the following cases, please consult a doctor before use, otherwise accidents or physical discomfort may occur.

- (1) Patients who are being treated by doctors and feel abnormal
- (2) Patients with abnormal heart and brain nerves
- (3) Patients with temperature above 38 ° C (fever period)
- (4) Patients with infectious diseases
- (5) Patients with skin perception disorders or skin abnormalities
- (6) Patients taking medication
- (7) Patients with abnormal blood pressure
- (8) Patients who cannot freely express their wishes
- (9) Patients with perception disorder caused by high peripheral circulation disorder such as diabetes
- (10) Patients with skin allergy to electrode

The following situations are prohibited.

- (1) Patients with malignant tumors
- (2) Patients with bleeding tendency
- (3) Pregnant woman、maternal
- (4) Patients with acute suppurative inflammation
- (5) Pacemaker users
- (6) Mental built-in patients
- (7) Near the heart of the human body

#### **ATTENTION**

- (1) Do not use it for children or people without the ability to express consciousness. Otherwise, it may cause accidents or physical discomfort.
- (2) Do not use in the bathroom or other places with high humidity or treat while bathing. Otherwise, you may get a strong electric shock.
- (3) Do not use it at bedtime. It may cause the body to malfunction. In addition, the electrode may be moved to other parts and cause

physical discomfort.

(4) Do not use it while driving. Otherwise, it may cause accidents or failures after being strongly stimulated.

(5) Do not stick the electrode to the affected area for a long time. Otherwise, it may cause skin inflammation, etc.

(6) During the treatment, do not let the metal part of the belt, necklace and other articles contact the electrode. Otherwise, you may get a strong electric shock.

(7) Do not use mobile phones near this product. Otherwise, it may cause malfunction of the body.

(8) Do not use the same part for a long time (more than 30 minutes). Otherwise, it may cause muscle fatigue at the massage site and cause physical discomfort.

(9) After cleaning the electrode piece with water, be sure to dry it completely before use. Otherwise, it may cause muscle fatigue at the massage site and cause physical discomfort.

(10) Please make sure that the wire has been correctly connected with the body and electrode before use. Otherwise, it may cause electric shock, accident or failure.

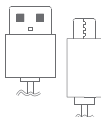
(11) Please install the electrode correctly. Otherwise, accidents or physical discomfort may occur.

(12) When pulling the wire from the body, do not pull the wire, but hold the wire plug and pull it out. Otherwise, it may cause electric shock or accidents and faults.

# ● Product accessories



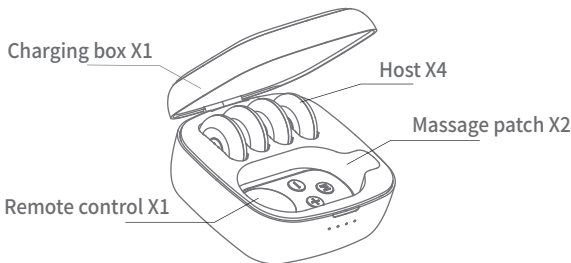
Massager machine X1



Charging line X1



Instruction X1





# ● Specification

Model: YR-U80-PRO-MAX

Weight: about 262g

Host timing: 15 minutes

Size: 110 \* 108 \* 58mm

Operating temperature: +5C~+40 °C

Executive standard: GB97061-2020

YY9706.210-2021

Battery capacity of charging box: 850mAh

Host battery capacity: 60mAh

Remote control battery capacity: 60mAh

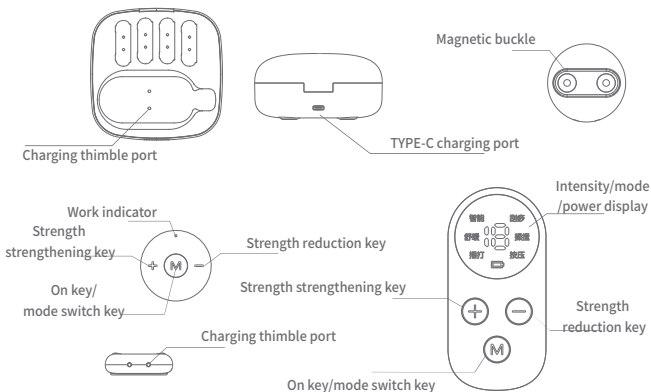
Charging box: charging voltage: 5V=

Rated power: 3.15W

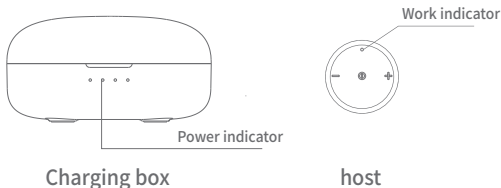
Host: charging voltage: 5V=

Rated power: 0.22VA

# ● Product key position illustration



## ● Work indicator



## ● Charging instructions

1. When the host is connected to the massage patch, press and hold the ON key for 2 seconds, and the green light of the host is always on, and the host starts to work.
2. When the host is separated from the massage patch, the green light will flash slowly.
- 3 When the power of the host is low, the green light will flash quickly, and the buzzer will automatically shut down after six beeps.
- 4 When the host is placed in the charging box, the buzzer will "drip", the green light will gradually turn on and then turn dark, and the charging will begin. The fully charged green light will turn off automatically after 20 seconds.
5. When the host is placed in the charging box, the indicator light of the charging box will light up, and the host will start charging. The indicator light of the charging box will automatically go out after about 3 seconds.
6. When the charging box is connected to the power supply, the green light of the power supply indicator flashes to start charging, and the green light is always on after fully charged.

# ● Instructions

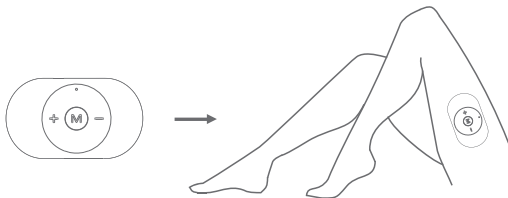
## ① Installation

Take out two massage patches from the charging box and align them with the magnetic buckles of the two hosts respectively.



## ② Paste

Tear off the protective film on the massage patch (put the protective film back into the charging box to prevent loss) and stick the massage



### ③ Power on

Press and hold the "M" key for 2 seconds to start the machine.



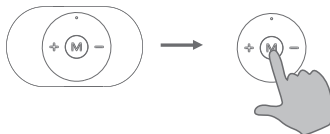
### ④ Force adjustment

Press the "+" or "-" key to increase or decrease the intensity. There are 16 levels of intensity. Only when the maximum level or the minimum level is reached, the buzzer will "Di" twice, and the rest will "Di" once. You can choose your own intensity for massage.patch on the part to be massaged.



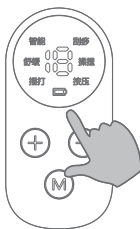
## ⑤ Mode adjustment

Briefly press the "M" is the mode switch key, mode 1 to mode 6 can be switched circularly (the buzzer of the first five modes will sound once, and the last mode will sound twice), and the force will automatically return to the first gear after each mode is switched.



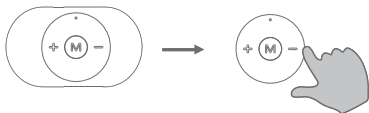
## ⑥ Remote control adjustment

Press and hold the "M" key for 2 seconds to turn on the remote control display to display mode 1, intensity 0, and power indicator constant. Press and hold the "M" key for a short time. The six modes can be switched in cycles. Press and hold the "+" or "-" key for a short time to increase or decrease the intensity of a total of 16 gears. Press and hold the "M" key again for 2 seconds to turn off.



## ⑦ Host separation patch

When the host is removed during the operation of the host, the green light of the host will flash, and the machine will shut down automatically after about 2 minutes of "Di" sound. When the host is removed and then assembled on the chip, the operation needs to be performed again according to the key of the host.

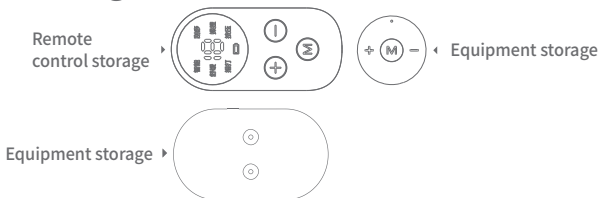


## ⑧ End of massage

Turn off the machine automatically after 15 minutes of massage, press and hold the "M" key for 2 seconds to turn on the machine, and then put the protective film back on the massage patch and the machine back into the charging box.



## ● Storage and maintenance



- Turn off the remote control and put it into the charging box;
- Separate the patch from the host, affix the PET protective film and put it into the charging base;
- Remove the host and put it into the charging box.

1. In order to extend the service life of the built-in battery, please fully charge the host and then save it when it is not used for a long time, and charge it every 2-3 months.
2. If there is dust or stain on the surface of the massager, wipe it gently with a wet towel (no water can flow out of the wet towel).
3. If the stickiness of the patch is reduced, use a small amount of clean water to clean it, and the stickiness will recover after drying.
4. Under normal circumstances, the patch can be reused for about 30 times. If the stickiness of the patch is not enough, it will not achieve the massage effect, and it will easily cause tingling. When the stickiness of the patch cannot be restored, a new patch needs to be replaced.

5. Do not use and store this product in the following places

- Place in direct sunlight
- Places with more dust
- Near fireworks
- Strong electromagnetic field
- High temperature and humidity place
- Places with water

## Best massage position



shoulder



waist



back



limb

## No massage position



throat



abdomen



chest



head



## ● Simple troubleshooting

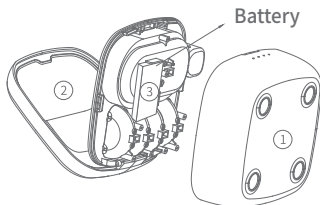
Unable to turn on or off	Try to charge the device. If it cannot be solved, please contact after-sales customer service
The device cannot be charged	1 Please confirm that the output voltage of the power adapter used is DC5V/1A and it is in normal working state. 2. Replace the charging cable (you can use the mobile phone data cable of TYPE-C specification). If it still cannot be charged, please contact after-sales customer service.
Feeling similar to acupuncture during use	Please ensure that the patch fits smoothly with the skin. If the patch is not sticky enough, please clean the patch with clean water and dry it before use. If every time you use it, you will feel tingling in any position. You may be sensitive and not suitable for this product.

## ● Battery removal and handling method

1. The built-in polymer physical battery of this product contains substances that may pollute the environment. Before discarding this product, take out the built-in polymer physical battery.
2. Before disassembling this product and taking out the polymer physical battery, be sure to turn off the power or power off.
3. The detailed steps for removing the polymeric physical battery are as follows.

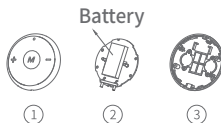
(1) The battery of the charging box shall be removed in the order of ① - ③

Disassembly sequence  
of charging box battery



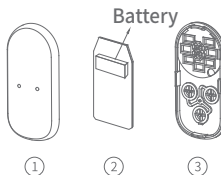
(2) Remove the host battery in 1-3 order;

Disassembly sequence of  
host battery




(3) Remove the remote control battery in the order of 1-3:

Remote control battery  
removal sequence



4. The removed polymer physical battery shall be disposed safely and discarded in the place or recycling unit specified by the government.

# ● Declaration of hazardous substances

List of names and contents of harmful substances in products						
Part name	Part name					
	Lead (pb)	Mercury (Hg)	cadmium (Cd)	Hexavalent chromium (Cr(VI))	(PBB)	(PBDE)
Hardware	×	○	○	○	○	○
Plastic parts	○	○	○	○	○	○
Circuit board	×	○	○	○	○	○
Battery pack	×	○	○	○	○	○
enclosure	×	○	○	○	○	○
○: It means that the hazardous substance in all homogeneous materials of the component contains less than the limit requirements specified in GB/T26572.						
×: It means that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit specified in GB/T26572.						
	The "environmental protection service life" of this product is 10 years, which is determined by the enterprise according to the product design characteristics. The "environmental protection service life" of this product is only valid if it is used under the normal conditions described in the product manual.					

## Note:

1. As listed in the above table, other components and homogeneous materials contained in this product do not contain harmful substances
2. All components and homogeneous materials containing hazardous substances in the above table meet the strict requirements of China RoHS on the use of hazardous substances. Please rest assured

# ● Warranty Description

## Warranty regulations

Since the next day of signing for the product, if the product has a non-human-caused host performance failure, it can be returned within seven days, replaced within fifteen days, and guaranteed free of charge for five years after being judged by the service center.

## Non-insurance scope

- Product identification information (such as serial number and model information) is altered, torn or damaged.
- Damage caused by human intentional or negligent use, including damage caused by use in abnormal environment and not in accordance with the instructions.
- Damage caused by abnormal voltage (such as high voltage, abnormal power failure).
- Damage caused by equipment disassembly, maintenance and modification by personnel or service organizations other than authorized service centers.
- Damage caused by force majeure (such as fire, flood, earthquake, lightning, war, etc.).
- Other faults not caused by the original products, including but not limited to those caused by the use of non-original accessories, and those caused by incompatibility with third parties.
- Accessories, consumables and structural parts do not provide warranty service.
- Physical damage, scratch or alteration of equipment surface appearance.

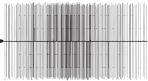

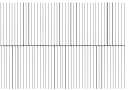


## ● Main technical parameters

Product name	Muscle stimulator
Model	YR-U80-PRO-MAX
Power supply voltage	DC3.7V built-in polymer lithium battery
Output current	Below 10mA (actual value of continuous non-induced resistance load 1K $\Omega$ )
Output frequency	1 to 6Hz, 10Hz, 26.3Hz, 35.3Hz, 50Hz, with an error of $\pm 10\%$ .
Output voltage	0V~80V, error is $\pm 20\%$ .
Pulse width	two hundred $\mu$ s. The error is $\pm 10\%$ .
DC component	0
Load impedance	1000 $\Omega$
Rated time	15 minutes tolerance $\pm 10\%$
Ambient temperature and humidity	+ 5° C ~ + 40° C, 30%RH ~ 80%RH
Transportation and storage temperature and humidity	-20°C ~ + 55°C, 10%RH ~ 93%RH
Operating atmospheric pressure	700hpa~1060 hpa
Transportation and storage atmospheric pressure	700hpa~1060 hpa
Service life of body	5 years
Body weight	262g
Body size	110*108*58mm
Size of physiotherapy electrode	Area not less than 3593mm <sup>2</sup> (Only the physiotherapy electrode matched with this low-frequency electrotherapy instrument is allowed to be used. Each size of physiotherapy electrode is applicable to 6 treatment modes)
Battery capacity of charging box	850mAh

Host battery capacity	60mAh
Charging voltage of charging box	5V
Rated power of charging box	3.15W
Host charging voltage	5V
Rated power	0.22VA
working principle	Use the nerve and muscle to respond to low-frequency current to make the skin surface flow weak low-frequency current, and use its physiological effects to treat the affected part.
Intended use	For soft tissue injury, frozen shoulder, lumbar muscle strain auxiliary treatment.
Expected operator	Patient
Electric shock protection	Internal power supply equipment, BF type application part
Classification of liquid inlet protection	General equipment
Sterilization and sterilization method	As recommended by the manufacturer
Classification of safety degree	Equipment that cannot be used in the presence of flammable anesthetic gas mixed with air or mixed with oxygen or nitrous oxide
Operation mode classification	Continuous operation
Electromagnetic compatibility	Continuous operation
For sale separately	Massage patch

## • Output envelope diagram of six modes

(The intelligent mode is to switch cycles every 1 minute in the order of soothing mode, kneading mode and pressing mode)

Tapping mode		Guasha mode	
Release mode		Kneading mode	
Press mode			

Example of waveform description:

The output waveform frequency of the hammering mode is 1Hz-6Hz. The output characteristics are that the operation duration of 3Hz is 90 seconds, 2Hz is 90 seconds, 1Hz is gradually increased to 6Hz, and then gradually decreased to 2Hz is 5 seconds. The operation duration of 1Hz is gradually increased to 6Hz, and then gradually decreased to 2Hz is 1 second (2 groups of repetitions in total), 1Hz is 40 seconds, 3Hz is 10 seconds, 1Hz is 30 seconds, 1Hz is gradually increased to 6Hz, and then gradually decreased to 2Hz is 5 seconds 1Hz operation for 10 seconds, 3Hz operation for 10 seconds, 1Hz operation for 40 seconds, 6Hz operation for 60 seconds, 3Hz operation for 10 seconds, 1Hz operation for 30 seconds, 1Hz gradually increases to 3Hz and then gradually decreases to 1Hz operation for 20 seconds respectively, 1Hz gradually increases to 6Hz and then gradually decreases to 2Hz operation for 10 seconds respectively (2 groups in total), 1Hz operation for 60 seconds, and so on.

## ● For sale separately

Please call the customer service hotline for consultation when you need to purchase products for sale. (See the back cover of the manual) YIRAN has massage patches for sale.

## ● EMC Technology

The muscle stimulator has been tested according to YY9706.102-2021/EC60601-1-2 Medical electrical equipment Part 1-2 General safety requirements and parallel standards: electromagnetic compatibility requirements and tests. The following is a summary of the tests performed and the standards referenced by each test.

Table 17.1 Electromagnetic Emission

Guidelines and manufacturer's statement - electromagnetic emission		
The muscle stimulator is expected to be used in the following specified electromagnetic environment, and the purchaser or user shall ensure that it is used in this electromagnetic environment.		
Launch test	Compliance	Electromagnetic environment - Guidelines
RF emission GB 4842	1 group	The RF emission of the system is very low, and the possibility of interference to nearby electronic equipment is very small.
RF emission GB 4842	Class B	The system is suitable for non-household and all facilities not directly connected to the public low-voltage power supply network of domestic residence.
Harmonic emission GB 17625.1	Not applicable	
Voltage fluctuation/flicker emission GB 17625.2	Not applicable	




**Table 17.2 Electromagnetic Immunity**

Guidelines and manufacturer's statement - Electromagnetic immunity			
The muscle stimulator is expected to be used in the following specified electromagnetic environment, and the purchaser or user shall ensure that it is used in this electromagnetic environment.			
Immunity test	IEC60601 test level	Coincidence level	Electromagnetic environment - Guidelines
Electrostatic discharge GB/T 17626.2	$\pm$ 6KV contact discharge $\pm$ 8KV air discharge	$\pm$ 6KV contact discharge $\pm$ 8KV air discharge	The floor shall be wood, concrete or ceramic tile. If the floor is covered with synthetic materials, the relative humidity shall be at least 30%.
Electrical fast transient pulse group GB/T 17626.4	$\pm$ 2KV to power line	Not applicable	Not applicable
Surge GB/T 17626.5	$\pm$ 1KV line-to-line $\pm$ 2KV line to ground	Not applicable	Not applicable
Voltage sag and short time on power input line  Interruptions and voltage changesGB/T 17626.11	5% UT, lasting for 0.5 week (on UT, 95% sag) 40% UT for 5 weeks (on UT, 60% sag) 75% UT, lasting for 25 weeks (on UT, 30% sag) 5% UT, lasting for 5s (95% sag on UT)	Not applicable	Not applicable

Power frequency magnetic field (50/60Hz) GB/T 17626.8	3A/m	3A/m	The power frequency magnetic field in the expected installation site should be measured to ensure that it is low enough to have the quality used in a typical commercial or hospital environment.
Note: UT refers to the AC grid voltage before the test voltage is applied.			

**Table 17.3 Radiated Immunity**

Guidelines and manufacturer's statement - Electromagnetic immunity			
The muscle stimulator is expected to be used in the following specified electromagnetic environment, and the purchaser or user shall ensure that it is used in this electromagnetic environment.			
Anti-interference measurement	IEC60601 Test level	Coincidence level	Electromagnetic environment - Guidelines
			<p>Portable and mobile RF communication equipment should not be closer to any part of RH-CT22 high-voltage injector than the recommended isolation distance, including cables. The formula corresponding to the transmitter frequency should be used for the calculation of this distance.</p> <p>Recommended isolation distance</p> $d = 1.2\sqrt{P}$ $d = 1.2\sqrt{P} \quad 80 \text{ MHz} \sim 800 \text{ MHz}$ $d = 2.3\sqrt{P} \quad 800 \text{ MHz} \sim 2.5 \text{ GHz}$

Radiofrequency conductionGB/T 17626.6 RF Radiation GB/T 17626.3	3V(effective value) 150kHz~80MHz 3V/m 80MHz~2.5GHz	3V(effective value)  3V/m	<p>Where:</p> <p>P – the maximum output rated power of the transmitter provided by the transmitter manufacturer, in watts (W); D – Recommended isolation distance, in (m).</p> <p>The field strength of fixed RF transmitter shall be determined by the survey of electromagnetic field, and shall be lower than the compliance level in each frequency range. <sup>b</sup></p> <p>Interference may occur to the equipment accessories conforming to the following signs.</p> 
<p>Note 1: At 80MHz and 800MHz, the formula of higher frequency band shall be adopted.</p> <p>Note 2: These guidelines may not be suitable for all situations. Electromagnetic transmission is affected by absorption and reflection of buildings, objects and human bodies.</p>			


**Table 17.4 Radiated Immunity**

Recommended isolation distance between portable and mobile radio frequency communication equipment and muscle stimulator			
The muscle stimulator is expected to be used in an electromagnetic environment with controlled radio frequency radiation disturbance. According to the maximum output power of communication equipment, the buyer or user of muscle stimulator can prevent electromagnetic interference by maintaining the minimum distance between portable and mobile radio frequency communication equipment (transmitter) and muscle stimulator.			
Maximum rated output power of transmitter W	Isolation distance corresponding to different frequencies of transmitter/m		
	150kHz~80MHz $d=1.2\sqrt{P}$	80MHz~800MHz $\sqrt{P}$	800MHz~2.5GHz
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
<p>For the maximum rated output power of the transmitter not listed in the above table, the recommended isolation distance d, in meters (m), can be determined by the formula in the corresponding transmitter frequency column, where P is the maximum rated output power of the transmitter provided by the transmitter manufacturer, in watts (W).</p> <p>Note 1: At 80MHz and 800MHz frequency points, the formula of higher frequency band shall be adopted.</p> <p>Note 2: These guidelines may not be suitable for all situations.</p> <p>Electromagnetic transmission is absorbed and reflected by buildings, objects and human body.</p>			

Guidelines and manufacturer's statement - Electromagnetic immunity - Non-life support equipment and systems

The muscle stimulator is expected to be used in the following electromagnetic environment, and the buyer or user of the muscle stimulator should ensure that it is used in this electromagnetic environment:

Immunity test	IEC 60601 test level	Coincidence level	Electromagnetic Environment - Guidelines
RF conduction GB/T 17626.6	3 V(effective value) 150 kHz ~ 80 MHz	3 V(effective value)	Portable and mobile RF communication equipment should not be used closer to any part of the muscle stimulator than the recommended isolation distance, including cables. The distance shall be calculated by the formula corresponding to the transmitter frequency. Recommended isolation distance
RF radiation GB/T 17626.3	3V/m 80 MHz ~ 2.5 GHz	3V/m	$d = 1.2\sqrt{P} \quad 150 \text{ kHz} \sim 80 \text{ MHz}$ $d = 0.35\sqrt{P} \quad 80 \text{ MHz} \sim 800 \text{ MHz}$ $d = 0.7\sqrt{P} \quad 800 \text{ MHz} \sim 2.5 \text{ GHz}$ <p>Where, P is the maximum output rated power of the transmitter provided by the transmitter manufacturer, in watts (W), and d is the recommended isolation distance, in meters (m).<sup>b</sup></p> <p>The field strength of the fixed RF transmitter is</p>

			<p>determined by the investigation of the electromagnetic field,<sup>a</sup> and should be lower than the compliance level in each frequency range.<sup>b</sup></p> <p>Interference may occur near the equipment marked with the following symbols.</p> 
<p>Note 1: At 80MHz and 800MHz, the formula of higher frequency band is adopted.</p> <p>Note 2: These guidelines may not be applicable to all situations. Electromagnetic transmission is affected by the absorption and reflection of buildings, objects and human bodies.</p>			
<p>a Fixed transmitting airports are strong, such as base stations of wireless (cellular/cordless) telephones and ground mobile radios, amateur radios, AM (amplitude modulation) and FM (frequency modulation) radio broadcasts and television broadcasts, and their field strengths cannot be accurately predicted in theory. In order to evaluate the electromagnetic environment of fixed RF transmitters, the investigation of electromagnetic sites should be considered. If the measured (low-frequency therapeutic instrument model: YR-U8) field strength at the site is higher than the RF compliance level of the above application, observe (low-frequency therapeutic instrument model: YR-U8) to verify its normal operation. If abnormal performance is observed, supplementary measures may be necessary, such as reorienting or positioning the muscle stimulator.</p> <p>b In the entire frequency range of 150KHz-80MHz, the field strength should be less than 3 V/m.</p>			

Recommended isolation distance between portable and mobile RF communication equipment and muscle stimulator			
The muscle stimulator is expected to be used in an electromagnetic environment with controlled radiated RF disturbance. According to the maximum output power of communication equipment, the purchaser or user of muscle stimulator can prevent electromagnetic interference by maintaining the minimum distance between portable and mobile RF communication equipment (transmitter) and muscle stimulator as recommended below.			
Rated maximum output power of transmitter/W	Isolation distance corresponding to different frequencies of transmitter/m		
	150 kHz ~ 80 MHz $d = 1.2\sqrt{P}$	80 MHz ~ 800 MHz $d = 0.35\sqrt{P}$	800 MHz ~ 2.5GHz $d = 0.7\sqrt{P}$
0, 01	0.12	0.12	0.23
0, 1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
<p>For the rated maximum output power of the transmitter not listed in the above table, the recommended isolation distance d, in meters (m), can be determined by the formula in the corresponding transmitter frequency column, where P is the rated maximum output power of the transmitter provided by the transmitter manufacturer, in watts (W).</p> <p>Note 1: At 80 MHz and 800 MHz, the formula of higher frequency range is adopted.</p> <p>Note 2: These guidelines may not be applicable to all situations. Electromagnetic transmission is affected by the absorption and reflection of buildings, objects and human bodies.</p>			

## ● Product warranty card

Product Model		Customer Name	
Product Name		Contact Number	
Date Of Purchase		Purchase Channel	
Invoice Number		Contact Address	

(Can be cut along here)

Product Model		Customer Name	
Product Name		Contact Number	
Date Of Purchase		Purchase Channel	
Invoice Number		Contact Address	

※ This form is applicable to the products specified in the three guarantees. This warranty card is equivalent to the three guarantees certificate. Please keep it properly



Product Name: Muscle stimulator

Product Model: YR-U80-PRO-MAX

Production Date: \_\_\_\_\_

Inspector: \_\_\_\_\_

Inspection Conclusion: Qualified

## Shenzhen Yiran intelligence Co., Ltd

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Name of manufacturer: Shenzhen Yiran Intelligence Co., Ltd

Address of manufacturer: 6F, No.531 Nanpu Road, Huangpu Community,  
Xinqiao Street, Baoan District, Shenzhen

After-sales service unit: Shenzhen Yiran Intelligence Co., Ltd

After-sales service telephone:

Zip code:

website:

Switchboard:

Email:

Fax:

Prepared on:

Manual version: A/0