

*Wireless TENS/EMS RS-18*

*Remote Electrical Stimulator*

Instruction Manual

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## Introduction

“Wireless TENS/EMS” RS-18 is an Electrical Stimulator designed and intended for TENS and EMS for the use of alleviate cutaneous pain and improve muscle performance and recovery in the manner of economical and non-pharmacological pain relieve method. EMS is a technique that stimulate non-voluntary muscular contractions in order to strengthen, enhance endurance, recovery and re-educate atrophied muscles.

Transcutaneous electrical nerve stimulation (TENS) is a therapy that uses low voltage electrical current to provide pain relief. A TENS delivers electrical impulses through electrodes on the surface of skin. TENS relieves both acute and chronic pain by reduce the pain signal to the central nervous system. TENS may also induce the endorphins production, the inherent painkiller of human body.

Electrical Muscular Stimulation (EMS) or Neuromuscular Electrical Stimulation (NMES) is a type of electrical stimulation that uses electric impulses to cause muscular contractions in order to strengthen, re-educate atrophy muscles.

The features of RS-18 are

- Wireless remote & offline controls, fast and reliable in connection
- One remote control with two wearable pods (one pod has two channels)
- Independent channel control
- 1.77" High contrast color LCD
- Trouble-free magnetic connection
- USB Type C fully reversible plug's orientation
- Rechargeable Lithium-Ion battery, more than 6-8 therapies per fully charge
- Smart safety lock during battery charging
- 18 preset & readable medical indications (TENS/NMES/Massage/Favorite)
- Synchronization for multiple body parts
- My favorite page for quick access
- Excellent conductivity gel pads with better comfort

## Indication for Use

“Wireless TENS/EMS”, RS-18 model device is designed for the use by both physiotherapists and laypersons. Under general conditions, use in home environment setting and following with the User Manual, the device is safe to use by both genders from age of 18 and above.

The TENS function of RS-18 delivers electrical impulses to the sensory neurons in dermis level to achieve therapeutic effect of pain relieve of aching, sore, stiff and numbness in the arms, legs, shoulder,

back and feet. Indications are for the following conditions:

- Sore pain
- Acute pain
- Chronic pain
- Post-operative
- Post trauma
- Muscle Strained
- Arthritis
- Menstrual

The EMS function of RS-18 delivers electric impulses to the motor neuros in muscle fibers to achieve muscle training that include but are not limited to the purposed as followed.

- Muscle strength
- Endurance
- Range of motions
- Relaxation
- Re-education

### Contraindications

Contraindications for electrotherapy of TENS and EMS include but are not limited to

- Use over or in the area of a cancerous lesion,
- Use over or in the area of inflamed, erupted, broken, swollen, or infected skin,
- Use with patients who have cardiac pacemakers or other implanted electronics, metal objects,
- Pregnant suspected pregnancy women.
- Not for pain from central origin, including headache.

Please consult with your healthcare provider before use if you have following condition

- Pregnant or suspected pregnancy women.
- Potential of hemorrhage following with acute trauma or fracture.
- Had recently conducted surgeries where frequent muscle contraction may interrupt the process of healing.
- Paralyzed users or patients who are unable to utilize button of device
- Hypertension (stages 2 and above), heart and circulatory illnesses

## Symbols and Glossary



Manufacturer

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Authorized representative in the European Community

---



Importer

---



Distributor

---



Date of manufacture

---



Serial number

---



Consult instructions for use

---



Caution

---



Refer to instruction manual/booklet

---



WEEE wheeled bin

---



European Conformity mark

Notified Bodies: DNV GL

---



Stand By

---



Ingress Protection Rating

---



Type BF applied part

---



Medical device

---



Unique Device Identifier

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## **Warnings & Cautions**

### **Usage**

- Do not use this device if you are, having any cardiac monitors, pacemaker, or ECG alarms.
- Do not use this device while taking shower or bath.
- Do not use this device while sleeping.
- Do not use this device while driving.
- Do not use this device in an oxygen-rich atmosphere.
- Do not use this device within short wave or unshielded microwave devices as this could alter the current generated by the stimulator.
- Do not use this device in the close proximity of medical devices such as MRI, CT, diathermy, X-Ray
- Keep this device out of reach of children and pets
- Device should only be used with accessories provided by the manufacturer or authorized distributor.
- Please keep this device away from pets, pests, and children.
- The effects of degraded or loosened probe or electrodes, that can degrade performance or cause other problems

### **Electrodes Placement**

- The electrodes and pods should not be placed over the area of neck due to severe muscle spasms may result of airway close and breathing difficulty.
- The electrodes and pods should not be placed near the eyes or the head.
- The electrodes and pods should not be placed across the chest because microcurrent may affect the rhythm of the heart, and it could be lethal.
- The electrodes and pods should not be placed over transthoracically. Failure to do so might increase the risk of cardiac arrhythmias.
- The electrodes and pods should not be placed over any insensitivity skin areas.
- If you have any allergic reactions while using the device, please stop using immediately.

# Overview

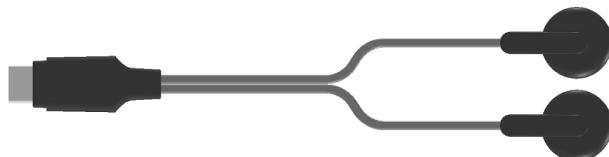
## Kit Components



Remote



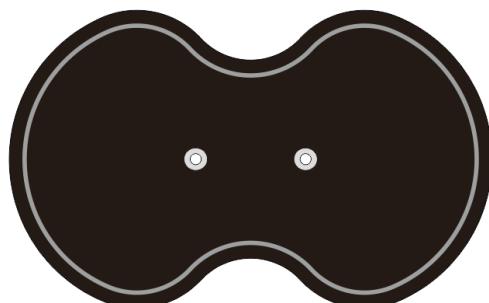
Stimulation Pods



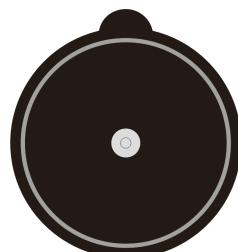
Electrode Lead wire



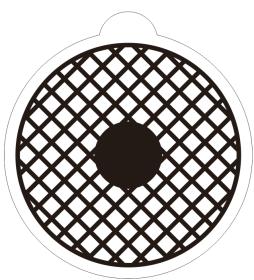
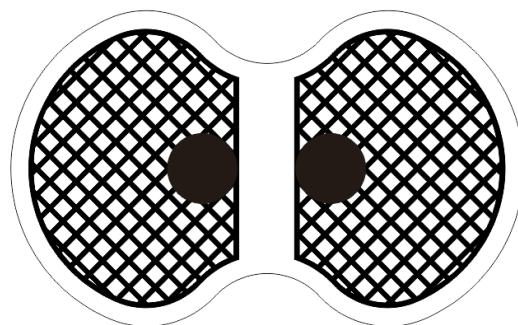
USB Type C Charge Cable

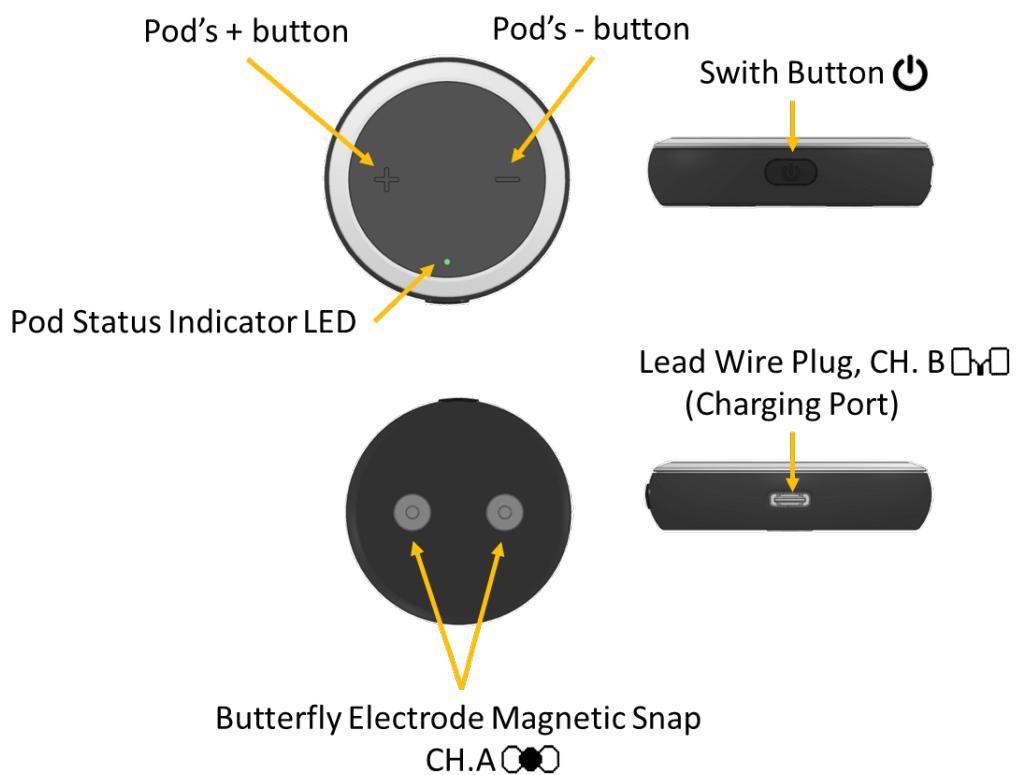
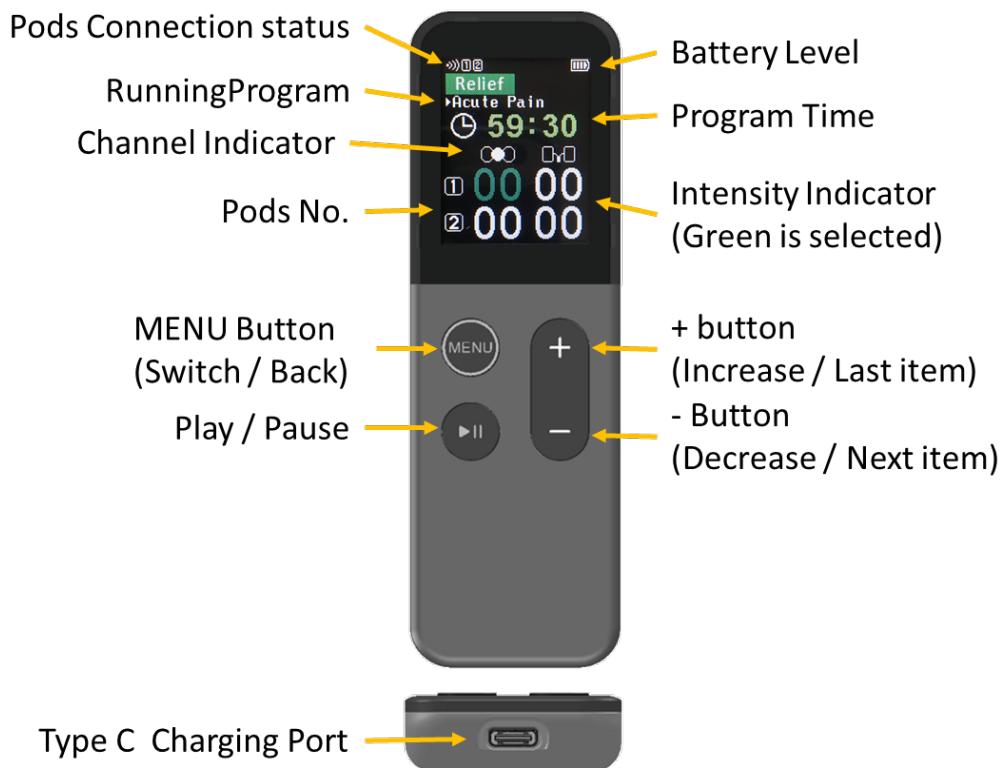


Butterfly Electrode



Round Electrodes



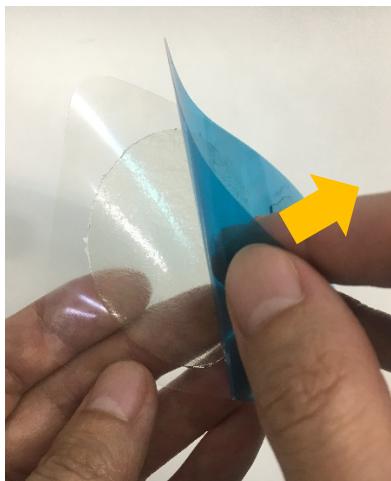


# Using Instruction

## Prepare and Setup

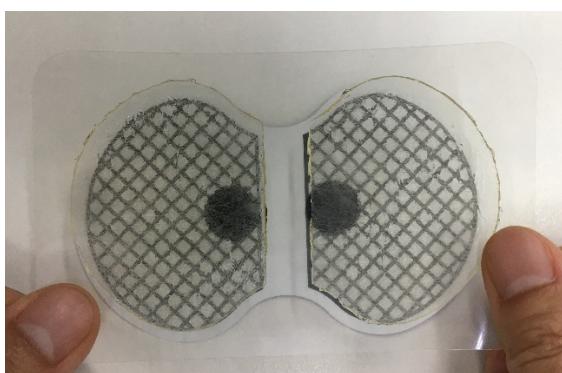
If you are using new electrode or would like to replace the old hydrogel. Please following 2 steps to implement it.

1. Carefully remote the blue protective film of new hydrogel



Note: dispose the blue protective film and should not use it for electrodes storage.

2. Place the gel pads according to the engrafted shape on electrode and remove the second protective film with care. Make sure that the edge of the gel pad does not protrude outside the electrode. Each side should have one gel pad attached to it.



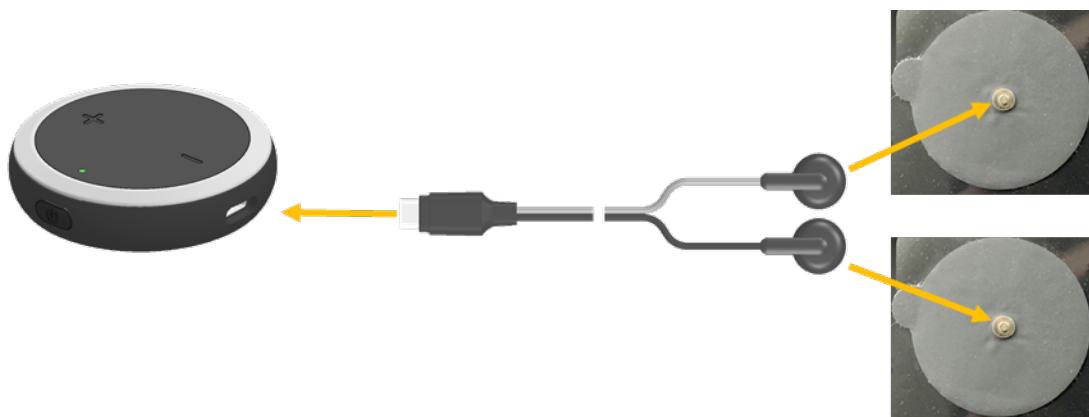
Note: Each butterfly electrode should have two gel pads attached to it.

3. Remove transparent protective film and place the electrodes to the desire treating area (Referencing with **Section – Electrode Placement**).

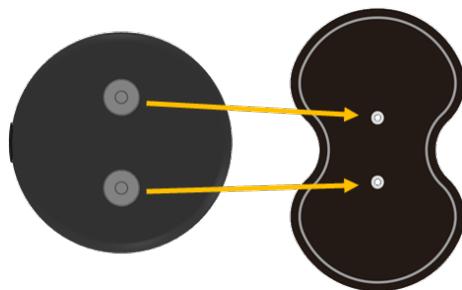
Note: Keep the skin clean and dry before placing electrodes in order to prolong the life of electrodes.

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4. Plug the lead wire type c in to the Pod(s) and attach the lead wire heads to single pad electrodes.



5. Place the Pod(s) on the butterfly electrode.



Note: Make sure all magnetic buttons are securely attached with electrodes before starting the treatment program.

## Start a Program with Remote and Pods

1. Press and hold the  button of Remote for 2 seconds to switch it on.

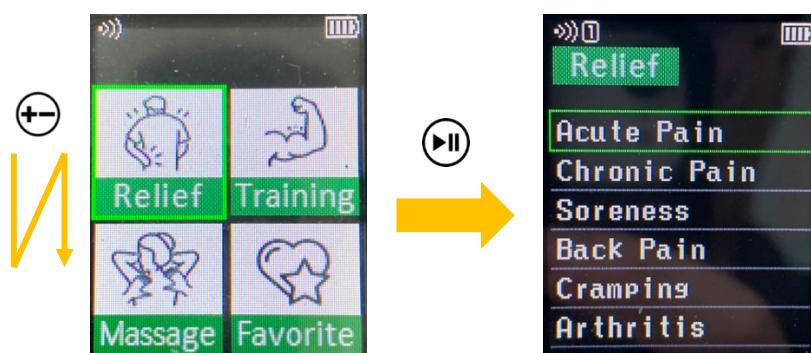
2. Press and hold the  button at side of the Pod(s) for 3 seconds to switch it on. The LED indicator should light blue.

Note: Blue light means Pod connected to the Remote.



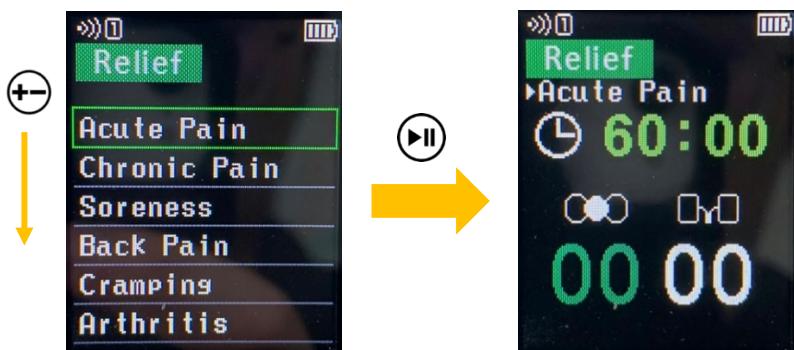
3. Use the  button of the Remote to choose treatment type.

Then Press the  button to enter to list of treatment programs.



4. Press the  button to select which program most suit with needs. Then press the  button to enter the program standby stage.

Note: Referencing to **Section – Program** for detail.



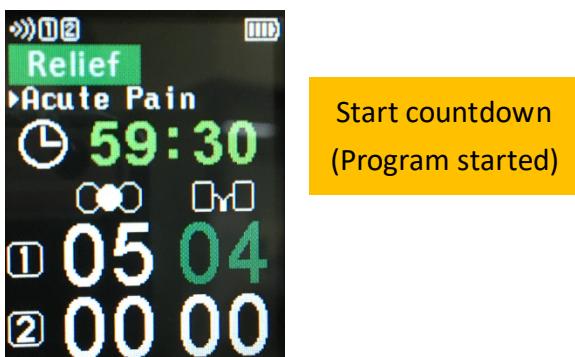
Note: If you desire to change the treatment program, hold the  or  button for 3 seconds to go back to the programs list.

5. At standby stage of selected program, press  button to add this program into the list of "My Favorite" and the program name will show in red to indicate added successfully. Press  button

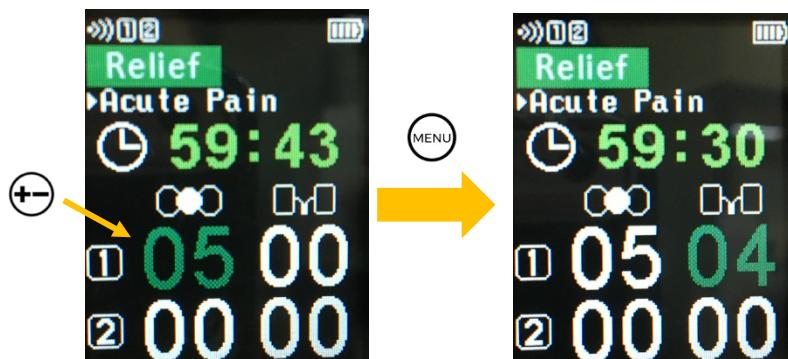
to remove the program from “My Favorite” list. The red will become white again to indicate remove successful.



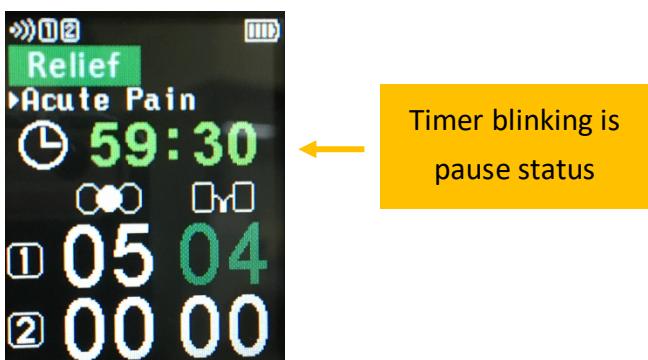
6. Press the button to start the program.



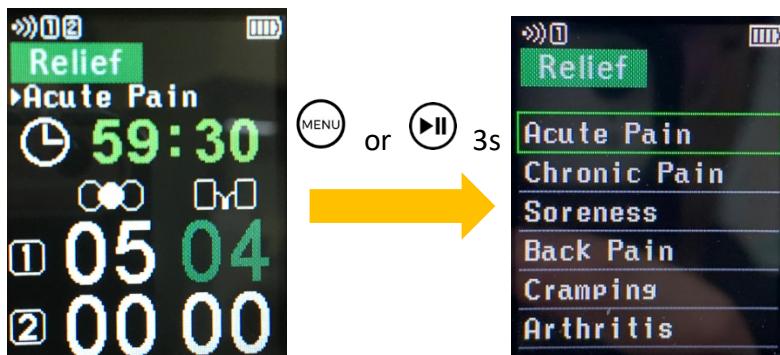
7. Use button to adjust the intensity of focused channel and press to select channel.



8. Press the button to pause or continue the current program.



9. Hold the  button or  button any time for 3 seconds to STOP the program manually.



Note: Turn off Remote control or Pods to disconnect the connection.

### Change the Synchronization mode

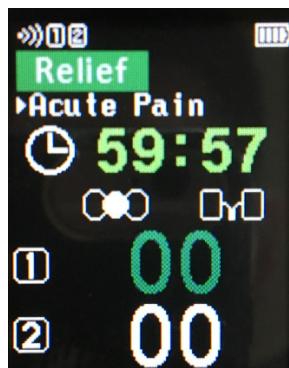
The intensity adjustment of output channels can be linked together or separated. For change the

Synchronization mode, just simply use the  to pause the program and press  to switch mod.

- **Total sync:** All channels intensity are synchronizing. The screen shows only one intensity value.
- **Pod sync:** Two channels intensity of each pod are synchronizing. The screen shows two intensity value of each Pods
- **Asynchronous:** All channels intensity can be adjust individually. The screen shows all intensity value of each channel



Total sync



Pod sync



Asynchronous

## Start a Program with Pods only (offline)

1. Hold the  button for 3 seconds to turn the Pod(s) on. The blinking green LED indicates the pod(s) is not connect to remote and ready for output standalone.



2. Press the  button to start the program and the LED will stop blinking.



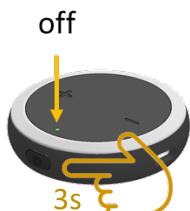
Note: The pod(s) will automatically save the last used program from remote control as a preloaded program

Note: The Pod(s) will automatically be paired with the Remote when Remote is turn on at any time.

3. Use  button on the front of Pod(s) to adjust the intensity at any time.



4. You can hold the  button 3 seconds to turn the Pods off at any time.



## Charge the device

1. Stop the program first.
2. Turn off Remote Control and Pod(s) by pressing  for 3 seconds.
3. Connect the Type C USB charging cable in the USB Type C port of Remote or Pod(s)



4. Connect the Type A USB connector of charging cable to any international certificated 5V USB adaptor. Remote control & Pod should be charged individually.



Once fully charge, the Remote control will show  and stop the icon animation. The LED indicator on Pod will change from white light to off.

### Warning!

- Always use certificated 5V USB adapter for charging. Do not use any fast charge adapter; the input voltage over 5.5 may damage the device.
- The power adaptor is easily accessible. The plug socket must be close to and easily accessible from the power adaptor.
- If the Remote, Pods or the AC adaptor is damaged or open, do not use it. Electric shock is at potential risk.
- If there is unusual heating or odor, or if the AC adaptor or the Remote Control and/or pod(s) emits smoke, immediately disconnect the AC adaptor.

# Programs

## Programs description and recommendations

Always start with the lowest intensity and progressively increase the level of intensity until you feel a "tingling" feeling when utilizing any of the six (6) programs for pain treatment. Each program is unique, and as a result, each experience is unique. You can begin by trying all six (6) programs and then selecting the one that seems most comfortable to you. Never raise the intensity to the point where it hurts; instead, keep just below the point of pain. Start with 5- to 10-minute sessions until your body adjusts to the stimulation.

TENS/Pain Relief		
Program	Benefits	How you should feel
Acute Pain	For brief alleviation of pain in the lower back caused by sore and/or aching muscles from exercise or typical home and/or job activities.	A constant and continuous of pleasant tingling sensation. After treatment, the underlying pain should gradually go away.
Soreness	Pain associated with sore and/or aching muscles in the upper and lower extremities (arm and/or leg) due to strain from exercise or typical household and work activity is temporarily relieved with this treatment.	A constant interval of pulsing sensation. The underlying pain should gradually go away.
Back Pain		A constant interval of pulsing sensation. The underlying pain should gradually go away.
Cramping		Comfortable mild tingling sensation in variable intensity (sensation will appear to come in waves).
Chronic Pain	For the symptomatic alleviation and management of chronic, intractable pain, as well as the relief of arthritis-related pain.	A pleasant tingling and pulsing sensation can be felt in a variety of ways (sensation should appear to come in waves). After therapy, the pain should subside and there should be alleviation.
Arthritis		A pleasant tingling and pulsing sensation can be felt in a variety of ways (sensation should appear to come in waves). After therapy, the pain should subside and there should be alleviation.

Any of the 6 programs can be utilized for electrical muscle stimulation (EMS). The purpose is to develop a muscle contraction before releasing it. All six programs will cause contractions, although the rate and length of the contractions will differ. For a warm-up, start slowly and with modest intensity levels (5-10 min). As you progress, increase the intensity level and treatment time. Use the device on a regular basis or for extended periods of time to receive the benefits of passive "workout."

EMS/Training		
Program	Benefits	How you should feel
Warm-up	Warming up targeted muscle groups prior to exercise.	Constant and continuous gentle rhythmic massage
Active Recovery	For fatigued muscles to recuperate and become more relaxed with less stiffness.	Muscles are twitching and contracting at a low and modulated frequency with sensation of tapping massage.
Muscle Atrophy	Involuntary muscle contraction to increase muscle movement, muscle function and capillary-to-fibre (C/F) ratio of the tibialis anterior muscle.	Constant and continuous pulse frequency which mimic to normal muscle contraction.
Strength	It has the potential to boost anaerobic capability and muscle strength.	Fast muscle twitching with frequency of pulses.
Endurance	Improve fatigue resistance during moderate-intensity, long-duration exercise by twitching muscular fibers to boost up aerobic capacity and capillary supply.	Low frequency pulses.
Resistance	It improves muscular function and raises the intensity of muscle contractions, allowing your body to employ up to 90% of its capacity and do more in shorter time.	Muscles are twitching and contracting at a low and modulated frequency with sensation of on and off with different intensity of electrical pulses.

Any of the 6 programs can provide certain level of comfort after the massage. The purpose is to relax the

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muscles. All six programs will cause tingling from electrical pulses, although the rate and length of the tingling will differ. As you progress with any of the program, increase the intensity level and treatment time if you desire. Use the device on a regular basis or for extended periods of time to receive the benefits of muscle relaxation.

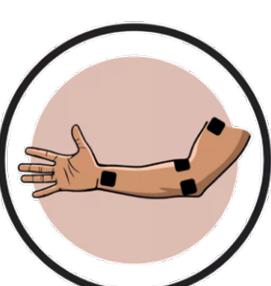
Massage		
Program	Benefits	How you should feel
Comfort	A TENS massage produces the same results as a regular massage. Only the impulses or stimuli are different in this case.	Muscles are twitching in modulating pulse frequency with sensation.
Kneading	The skin's and muscles' blood circulation are improved by the impulses on the skin. In addition, the tissue's cell metabolism is increased, and blood pressure and pulse rate are reduced.	A sensation of mimic regular kneading from electrodes with modulating pulse frequency.
Tingling	Muscle tension and stiffness can also be alleviated. Massage has a calming effect on the skin and a calming effect on the mind. Touching the skin can help you relax.	A strong pulse following with a mild pulse interval frequency.
Tapping		Muscles are twitching and constant and continuous frequency with sensation of tapping massage.
Relaxation		Muscles are contracting in rhythmic pattern.
Alternating		Two channels switching to give an alternating sensations of muscular contraction and twitching.

# Electrodes Placement

## TENS electrodes placement



Ankle



Arm



Back



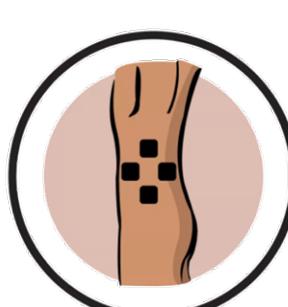
Elbow



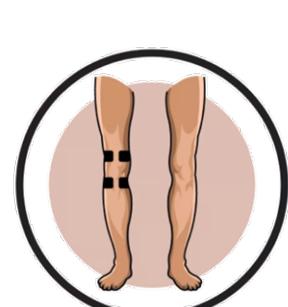
Finger / Wrist



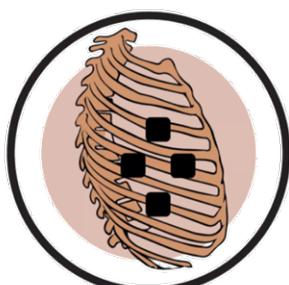
Foot



Hip



Knee



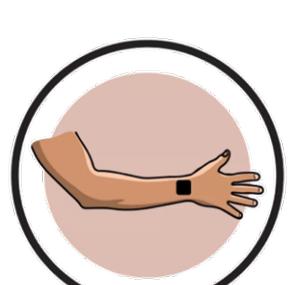
Rib Cage



Shoulder

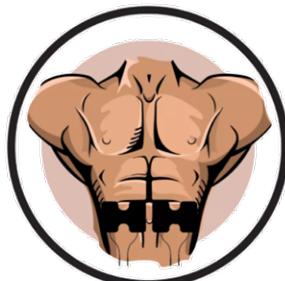


Thigh



Wrist

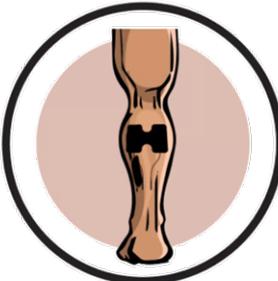
**EMS electrodes placement**



**Abs**



**Biceps**



**Calves**



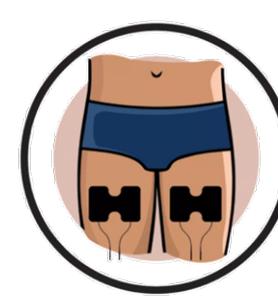
**Deltoid**



**Glutes**



**Hamstrings**



**Quadriceps**



**Trapezius**

# Maintenance & Storage

## Remote, Pods and Accessories, expected life

Your device doesn't need to be calibrated or tested on a regular basis. Prior to distribution, each stimulator is thoroughly tested. Under typical circumstances, its properties do not change. If any elements of your stimulator appear to be worn or damaged, please stop using it and contact the manufacturer's designated and authorized customer service center for an upgrade.

The device has no user-serviceable components. If you need help setting up, using, or maintaining the product, or if you have any unexpected operations or events, please contact manufacturer or distributors. The various contact options can be found in end of the document.

To maintain device cleaning, please only using a dry soft cloth to clean your device.

The device are meant to last 3 years under normal conditions. As well as the lead wire and cable accessories that come with device are meant to last 1 years under normal conditions.

## Transport

1. Pack the device and its accessories in the original carry bag for delivery.
2. Turn off the device and all of its accessories.
3. Disconnect and dismantle the device and its accessories.
4. Place the electrodes in its original pouch accordingly.
5. Place the user manual in the transport bag's pocket.

## Environmental statement

The device is electronic equipment, and it may include chemicals that are harmful to the environment. It should not be thrown away with unsorted home or municipal trash. It necessitates separate disposal at an appropriate collection place for electronic equipment recycling. You will be helping to protect natural resources and public health by doing so. Please contact manufacturer or authorized distributor for information on the product's probable recycling.

### Warning!

- Dispose of the electrodes in a container out of reach of children and pets when they no longer adhere properly to your skin.
- This device is not permitted to be modified in any way.
- Devices can only be repaired by manufacturer or authorized distributor.
- If there is any other problem, please consult or return the device to your distributor. Do not try to repair a defective device.

## Rechargeable Battery Care

The device and pod(s) include rechargeable batteries (s). Please do not try to disassemble or open the

built-in battery by force. Batteries have a limited lifespan, ranging from 300 to 450 cycles. When not in frequent usage, charge the system every three months to extend the battery life.

Note: Once device and pod(s) are fully charged, they can provide treatment for:

- Remote: 8-10 hours (about 90 treatments)
- Pod(s): 3-5 hours (about 16 ~ 32 treatments)

### Warning!

- Please only use the IEC Class II USB power adapter to charge the device. The Class II power adapter should have following symbol on its own label



Class II equipment

## Electrodes

The electrode pads are disposable and have an adhesiveness that will dry out after extended use or storage. When the quality of adhesiveness of the electrodes pads deteriorates or you notice a change in the stimulation experience, replace the electrodes. Electrode pads should only be used by one person.

### Warning!

- To avoid cross infection, do not share the electrodes with other people. The electrodes are signal-person use only.

# Troubleshooting

## Remote & Pods

Problem	Possible Cause	Solution
Display does not come on	Low battery	Charge battery
Weak stimulation with loaded batteries	Electrodes dried out, lost the adhesiveness thus have no adequate connection with the skin	Replace with new electrode
	Electrode placement	Make sure the electrodes are placing at least 5 cm(2 inches) apart on the body
Stimulation stops with loaded batteries	Poor electrode contact	Reapply electrodes, place firmly. Electrodes should be at least 5 cm apart.
	Damaged or worn electrodes	Replace with new electrode
	Cable or contacts damaged	Replace with new accessories accordingly
Stimulation weakens within minutes of starting treatment with loaded batteries	This is a normal body adaptive process	Increase the amplitude (intensity) if necessary
Stimulation is uncomfortable	Amplitude (intensity) is too high	Decrease amplitude (intensity)
	Electrodes are too close together	Reposition the electrodes. Electrodes should be at least 5 cm apart.
	Damaged or worn electrodes	Replace with new electrodes
	Ensure proper program is being used	A. Refer to the programs description B. Contact healthcare provider if discomfort persist
Stimulation is ineffective	Improper electrode placement	Reposition electrodes. Electrodes must be at least 5 cm (2 inches) apart
	Unknown	Contact healthcare provider
Stimulation only felt on one electrode	Improper electrode placement or connection	A. Reposition electrode. Electrodes must be at least 5 cm (2 inches) apart. B. Replace with new electrodes
Intermittent	Intermittent Program is in use	Some programs will seem intermittent. This is expected. Refer to section – for a

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Output		description of the programs
Stimulation is not producing the usual sensation	Settings and Electrodes positioning	<p>A. Check that all the settings are correct and ensure the electrodes are positioned properly</p> <p>B. Change the positioning of the electrodes slightly</p>

NOTE: If your device appears to be malfunctioning for any reason other than those listed above, please contact manufacturer or authorized distributor customer support.

### Electrode

Problem	Possible Cause	Solution
Electrode failure	Poor electrode connection with the cable	Check if the electrodes are connected with the cable properly
	Poor electrode connection with the skin	Check if the electrodes are out of date, worn and/or the contact is poor: try with new electrodes

### Battery Level

Problem	Possible Cause	Solution
Device battery low	Due to depleted battery, the device may turn off during stimulation	The stimulation should be stopped and the device should be recharged.

## Disposal



When the RS-18 Remote Controller and Pod(s) have reach to the end of its life, do not dispose of it with regular household wastes.

The Remote Controller and Pod(s) are electronic device that should be disposed of in accordance with local recycling standards as any other electronic wastes.

When the RS-18 electrodes no longer sticky to the skin, are contaminated by bodily fluids, or no treatments are left, discard them. Used electrodes should be disposed of according to local rules for regular or infectious waste disposal.

# Technical Specifications

RS-18 Remote Controller	
Battery:	Lithium Polymer (LiPo) rechargeable 3.7 V, 210 mAh (~5-6 hours of continuous stimulation n average parameters)
Charging Input:	5V/0.25A
C RF Data:	2.4GHz Radio Frequency, auto-pairing, 10m transmission range
Device Dimensions:	120mm [4.73"] x 40mm [1.58"] x 12.5mm [0.49"]
Device Weight:	44.1g
Operating/Storage/Transport Environment Specifications	
Temperature :	0C to +40 C
Humidity:	10 to 90% RH
Atmospheric pressure:	700 hPa to 1060 hPa

RS-18 Pod	
Battery:	Lithium Polymer (LiPo) rechargeable 3.7 V, 210 mAh (~5-6 hours of continuous stimulation n average parameters)
Charging Input:	5V/0.25A
Stimulation Channels:	2 Independent, optically isolated
Stimulation Waveform:	Symmetric biphasic
Frequency Range:	1-150 Hz
Pulse Width:	40-400 us
Maximum output voltage/amperage:	75mA @1kohm; 150mA @500ohm (max.)
C RF Data:	2.4GHz Radio Frequency, auto-pairing, 10m transmission range
Device Dimensions:	61mm [2.36"] Diameter x 14.77mm [0.58"]
Device Weight:	34.2g
Operating/Storage/Transport Environment Specifications	
Temperature	0C to +40 C
Humidity:	10 to 90% RH
Atmospheric pressure:	700 hPa to 1060 hPa

## Information about Electromagnetic Compatibility

The RS-18TENS/EMS Remote Control and Pod(s) are intended for use in typical surroundings that have been authorized according to the EN/IEC 60601-1-2:2014+A1:2020 EMC safety standard.

This device meets the CISPR standard, which means that radio frequency (RF) emissions are unlikely to cause interference with surrounding electronic equipment (radios, computers, telephones, etc.).

The RS-18TENS/EMS Remote Control and Pod(s) are built to withstand electrostatic discharge, magnetic fields from the mains power source, and radio frequency transmitters.

However, it is impossible to guarantee that the stimulator would not be damaged by powerful RF (radio frequency) forces emanating from other sources.

Refer to the EMC tables for more complete information on electromagnetic emissions and immunity.

### EMMISSION:

STANDARD	ITEM	REMARKS
CISPR 11: 2011	Conducted	
	Radiated	
IEC 61000-3-2:2014	Harmonic current emissions	
IEC 61000-3-3:2013		

### IMMUNITY:

STANDARD	ITEM	IEC 60601-1-2 Test Levels for Home Healthcare Environment	RS-18 TENS/EMS Stimulator Test Levels	REMARKS
IEC 61000-4-2:2008	ESD	3 8 kV contact; 3 2 kV, 3 4 kV, 3 8 kV, 3 15 kV air		
IEC 61000-4-3:2010	RS	10 V/m 80 MHz – 2.7 GHz 80% AM at 1 kHz		
IEC 61000-4-4:2012	EFT	3 2 kV 100 kHz repetition frequency		
IEC 61000-4-5:2014	Surge	3 0.5 kV, 3 1 kV		
IEC 61000-4-6:2013	CS	3V 0.15 MHz – 80 MHz 6V in ISM and amateur bands between 0.15 MHz and 80 MHz		

## Wireless TENS/EMS RS-18 Instruction Manual

		80% AM at 1 kHz		
IEC 61000-4-8:2009	PFMF	30 A/m 50 Hz or 60 Hz		
IEC 61000-4-11:2004	Voltage dips & voltage variations	<p><b>Voltage Dips:</b></p> <p>1) 0% UT; 0.5 cycle at 0°, 45°, 90°, 135°, 225°, 270°, 315°</p> <p>2) 0% UT; 1 cycle; Single phase at 0°</p> <p>3) 70% UT; 25/30 cycles; Single phase at 0°</p> <p><b>Voltage Interruptions:</b> 0% UT; 250/300 cycle;</p>		

### FCC Interference 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.

### FCC Caution:

- The device complies with Part 15 of FCC. Operation is subject to the following conditions:
  - This device may not cause harmful interference.
  - This device must accept any interference received, including interference that may cause undesired operation.
- This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment for body-worn configuration in direct contact to the phantom.

Remote FCC ID: PDSRS-X8R01

Pod FCC ID: PDSRS-X8U01

## Warranty

Only if accompanied by evidence of purchase is this guarantee applicable.

This promise has no bearing on your legal rights.

Your RS-18 stimulator comes with a 3-year warranty from the date of purchase (proof of purchase is required). The device and the pod(s) are covered by the warranty (hardware and labor), but not the cables, battery, or electrodes. Within the warranty period, manufacturer will replace your faulty product at no charge (except shipping & handling fees in some cases), provided that the product:

- Has been used for the intended purpose and in accordance with this manual's instructions.
- Has not been plugged into an incompatible power source.
- Has not been misused or neglected in any way.
- Has not been altered or repaired in any way.
- Has not been further damaged by shock.

This warranty has no bearing on your legal rights.

All flaws caused by inferior materials or workmanship are covered. This warranty does not cover damage caused by collision, accidents, abuse, insufficient moisture protection, immersion in water, or repairs performed by unauthorized people.

# Manufacturer & After-Sale Service



## Manufacturer:

ZMI Electronics Ltd.  
6F-1, No. 286-4, Shin Ya Road, Kaohsiung, 806, Taiwan, R.O.C.  
Telephone: +886-7-815-0053  
Fax: +886-7-815-0057  
E-mail: mail@zmi-electronics.com



## Authorized Representative in the European Union:

Sunsam Finance AB  
Industrigatan 4B 2TR, SE-11246 Stockholm, Sweden  
Phone: +46-7031-57072  
E-mail: info@sunsam.se



## Importer &



## Distributor:

XXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
Telephone: XXXXXXXXXX  
Fax: XXXXXXXXXX  
E-mail: XXXXXX@XXXXXXXXXX

**Any serious incident that has occurred in relation to the device should be reported to the Manufacturer or Authorized Representative and the Competent Authority of the Member State in which you are established.**