



## Mini Electronic Pulse Stimulator



### EHE029G Operating Manual



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## Introduction

EHE029G Mini Electronic Pulse Stimulator is a portable and battery-powered Transcutaneous Electrical Nerve Stimulator (TENS). As a pain relief device, EHE029G delivers electric pulses to tired and sore muscles. These pulses are generated by the device and delivered through the connecting wires and electrodes to the target body areas. EHE029G helps relieve pain in various parts of the body, such as the lower back, shoulders, hands and feet.

EHE029G has 16 operation modes. Its display screen can show the battery power, selected mode, current intensity, and remaining time. The device is equipped with accessories of four electrode pads, two electrode cables, one battery charger, one USB cable, and one wire roller coupled with the pad holder.

## Safety warnings

### DANGER



Do not use this device if you have an implanted defibrillator or implanted metallic devices. Such use could cause electrical shock, burns, electrical interference or death.

### WARNING



If you have one of the following conditions, please consult with your physician before purchasing or using this device.

Acute disease, malignant tumor, infective disease, pregnant, heart disease, high fever, abnormal blood pressure, lack of skin sensation or an abnormal skin condition, any condition requiring the active supervision of a physician.

### NOTICE



Do not use this device while driving.  
Do not use this device while sleeping.  
Do not use this device in high humidity areas such as a bathroom.  
Keep the device away from wet, high temperature and direct-sunlight place.  
Keep this device out of reach of children.  
Stop using this device at once if you feel pain, discomfort, dizziness or nausea and consult your physician.  
Do not attempt to move the electrode pads while the device is operating.

Do not use the device around the heart, on the head, mouth, pudendum or blemished skin areas.  
Do not apply stimulation of this device in the following conditions:  
(1) across the chest because the introduction of electrical current into the chest may cause rhythm disturbances to the heart, which could be lethal;  
(2) over painful areas. Please consult with your physician before using this device if you have painful areas;  
(3) over open wounds or rashes, or over swollen, red, infected, or inflamed areas or skin eruptions (e.g., phlebitis, thrombophlebitis, varicose veins). Apply stimulation only to normal, intact, clean, healthy skin;  
(4) in the presence of electronic monitoring equipment (e.g., cardiac monitors, ECG alarms). The electronic Stimulator may not operate properly when the electrical stimulation device is in use;  
(5) while operating machinery, or during any activity in which electrical stimulation can put you at risk of injury;  
(6) on children.  
Be aware of the following.  
(1) to consult with your physician before using this device. The simulation with the device may:  
i. cause lethal rhythm disturbances to the heart in susceptible individuals, and  
ii. disrupt the healing process after a recent surgical procedure;  
(2) that the device is not effective for pain of central origin, including headache;  
(3) that the device is not a substitute for pain medications and other pain management therapies;  
(4) that the device has no curative value;  
(5) that the device is a symptomatic treatment and, as such, suppresses the sensation of pain that would otherwise serve as a protective mechanism;  
(6) that the long-term effects of electrical stimulation are unknown;  
(7) that the user may experience skin irritation, burns or hypersensitivity due to the electrical stimulation or electrical conductive medium;  
(8) if the user has suspected or diagnosed epilepsy, the user should follow precautions recommended by his or her physician;  
(9) to use caution if the user has a tendency to bleed internally, such as following an injury or fracture;  
(10) use caution if stimulation is applied over the menstruating uterus;  
(11) use caution if stimulation is applied over areas of skin that lack normal sensation;

(12) stop using the device if the device does not provide pain relief; and,  
(13) use this device only with the leads, electrodes, and accessories that the manufacturer recommends.

Medical Electrical Equipment needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided. Portable and mobile radio frequency (RF) communication equipment can affect Medical Electrical Equipment.

Environmental condition for transport and storage

- Easily fragile product
- Keep the product in the dry place away from water and rain.
- Product package should be recycled.
- Stacked up 4 cartons at most

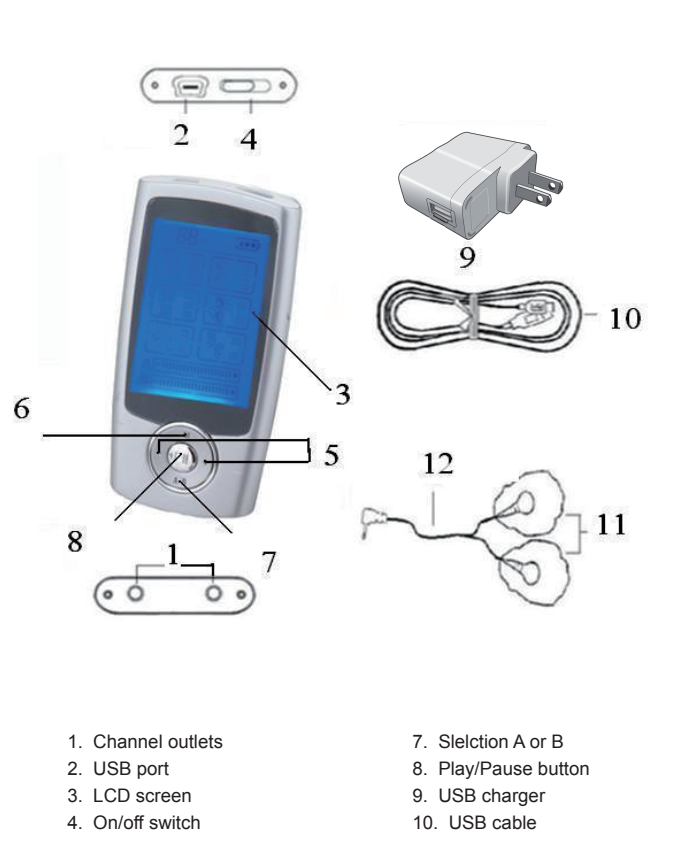
## Indications for Use

To be used for temporary relief of pain associated with sore and aching muscles in the shoulder, waist, neck, back, arm, and leg, due to strain from exercise or normal household and work activities.

## Specifications

- Power supply: DC 3.7V
- Output voltage: 42V@500Ω
- Output current: 84mA@500Ω
- Pulse width: 100IS
- Frequency: 110Hz
- Timer: 10-60 minutes
- Strength level adjustment: 20 levels
- Charger: 100-220V, 50/60Hz, and 10mA (input); DC5V, 300mA (output)

## Operation



## To operate

- 1.EHE029G Before first use, the battery should be charged for approximately 1 hour. Subsequent charging will also take approximately 1 hour.
- 2.While charging the white light on the wall charger will be illuminated.  
When the device is fully charged only the light on the wall charger will turn green;
- 3.Connect a pair of electrode pads to one connecting wire by snapping them on; the other end of the connecting wire is connected to the left output of the device. Similarly, the other pair of electrode pads is connected to the remaining connecting wire and the right output of the device.
- 4.Attach one pair or two pair of the electrode pads to the treatment area, such as shoulder and legs.
- 5.Turn on the device, and the "A" symbol on the screen will flash, meaning the left output (Output A) stands by. Pressing the "+" and "-" buttons on the device could increase and decrease the intensity of Output A, respectively.
- 6.If the user expects to independently adjust the intensity of Output B, press the "A=B" button once. You will see only the "B" symbol on the screen keeps flashing and the "A" symbol on the screen stops flashing. It means only the intensity of Output B could be changed when pressing the "-" or "+" button.
- 7.Similarly, when pressing the "A=B" button for the second time, you will see only the "A" symbol on the screen keeps flashing and the "B" symbol on the screen stops flashing; accordingly you could only change the intensity of Output A by pressing the "-" or "+" button.
- 8.Press the "M" button to select the mode you prefer, and press the "▶" to start or pause.. When done, turn the device off.

**Note:** Start from the lowest intensity, and then gradually adjust to a comfortable level on a scale level from 1 to 10.

## Recommended practices:

1. Duration of 20 minute for each body area.
2. Frequency of 1-2 times per day per area.
3. Be sure the treatment site is clean of dirt and body lotion.

4. The lifespan of the electrode pads will vary depending on the use frequency and care taken. Keeping electrode pads clean and sealed in the zip bag after use will extend their lifespan. Replace the electrode pads when they lose their adhesiveness.
5. Charge the battery of the device by either connecting the USB cable to the device and computer or connecting the USB cable and charger to the device and wall outlet, if the battery indicator on the display indicates a low battery.

## Troubleshooting

If your device is not operating properly, please check below for common problems and suggested solutions.

Device does not turn on

- Check if the battery is low and needs to be recharged.
- If the unit was previously used, switch the power to OFF first, then back to ON.

Stimulation is weak or not existent

- Be sure pads are firmly attached to skin.
- Be sure the pads are not touching each other.
- Check the wire connection and make sure the lead wires are securely plugged into the device.
- Check if the battery is low and needs to be recharged.
- Both pads from the same wire must be attached to one person's body in order to feel sensation.

Electrode pads are not sticky

- The pads lose adhesiveness and need replacements.

Skin turns red

- Stop the treatment.
- If problem persists, contact your physician.

## Positions for use

