



Instruction Manual

TENS Therapy Device

Model: JPD-ES200

Please read this manual carefully before
using this device.

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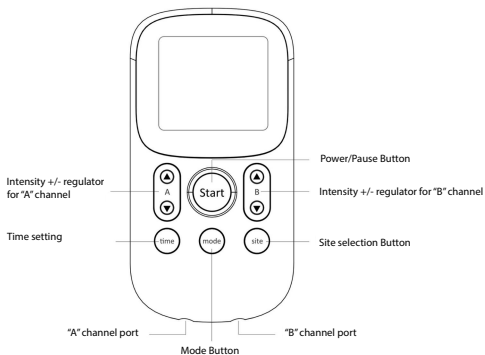


Figure-1 General Overview

Main unit:

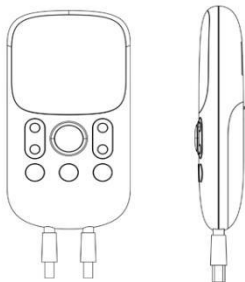


Figure-2 Front and Right View of the Main Unit

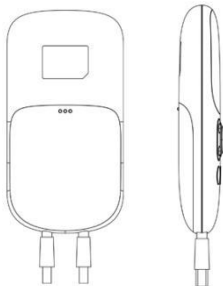
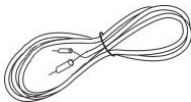


Figure-3 Back and Left View of the Main Unit

Accessories:

① Self-adhesive electrode pads

② Connecting line



Note: The connecting lines are used solely to connect the main unit with the electrode pads.

In-Box Content

x1 TENS™ therapy device

x1 Instruction Manual

x2 Electrode Wires

x4 AAA 1.5V Dry Batteries

x4 Self-Adhesive Electrode Pads

x1 Storage Bag

Introduction

The TENS therapy device instantaneously concentrates and distributes energies of the power spectrum based on specific modulation characteristics to create sense-stimulating functions, like massage, acupuncture, tapping, scraping, and cupping on body sites, like shoulders, hands, joints, abdomen, waist, and legs.

Routinely scheduled use of the TENS therapy device on meridian points of the body can assist in treating or alleviating various physical pains, and/or mind-body relaxation when used in massage.

Indications For Use

This device is designed for low-frequency electric pulse treatment on patients' acupoints.

Scope of Application

For auxiliary treatment of pain and arthralgia, such as back pain, neural paralysis, and muscle pain.

Product features:

1. Customizable therapy device with five-treatment mode.
2. Customizable pain therapy for 6 focus sites (shoulder, joint, hand, abdomen, waist, legs)
3. Dual-channel treatment, suitable for simultaneous two-persons therapy.
4. Adjustable treatment intensity, suitable for use at any time.
5. Electrode Pad fall-off alert with automatic treatment suspension.
6. Automatic Power Off after 2 minutes of inactivity.
7. Exquisite, compact design.
8. Low battery Indicator.

How to use the TENS Therapy Device

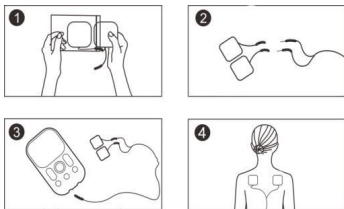
Set-Up

Take out one electrode wire from the electrode wire safety bag, and two electrode pads from the electrode pad safety bag.

Attach the double-wired end of the electrode wire to the electrode pads (one to each pad) and the other (single) end to the therapy device.

Peel off the protective films on the electrode pads and stick the self-adhesive pads on the desired treatment site, keeping it on till the treatment set is complete.

After use, disassemble the set-up and stick the protective films back on the electrode pads.



Operating The Device:

1. Long press the “start” button for 2 seconds to power on the device.
2. Repeatedly press the “site” button to scroll through and select the desired treatment site to be worked on (shoulder, joint, abdomen, waist, leg, arms).
3. Repeatedly press the “mode” button to scroll through and select the desired treatment mode (massage, acupuncture, tapping, scraping, cupping).

massage acupuncture tapping scraping cupping



4. Long Press the “time” button for 2 seconds to access treatment time settings: Repeatedly press the “▲” button on either the “A” or “B” channel to increase treatment time. The maximum treatment time is 90 minutes. Repeatedly press the “▼” button on either the “A” or “B” channel to decrease treatment time. The minimum treatment time is 5 minutes. Single-press the “Start” or “Time” button to save current settings and return to the device’s home page.
5. Single-press the “▲” button on either the “A” or “B” channel to adjust intensity levels and initiate the “A” channel function.

NOTE:

The increment and decrement unit is by 1 energy value, with a maximum level of 15 and a minimum level of 0.

Single-press the “Start” button during operation to pause the currently running cycle, and again to continue the cycle.

6. When the running time displays “0,” the device will automatically stop operation.

- After 2 minutes of inactivity, the LCD screen will go off and the device will power down.


7. Long Press the “Start” button for 2 seconds to power off the device.

NOTE: The device’s default treatment time is 5 minutes, or per the last cycle time.

Safety Instructions

1. If any form of discomfort is experienced during the use of this device, kindly discontinue use immediately.
2. During treatment, ensure the self-adhesive electrode pads are well-attached to the treatment area to avoid certain discomforts, like searing pain.
3. During treatment, slight paralysis may be experienced at treatment sites. This is quite normal and is due to the coupling effect of the device’s output current with the human body.
4. We encourage a step-wise usage of this device to avoid issues relating to the sudden introduction of high-intensity levels. First-time users of the TENS therapy device are advised to begin at low-intensity levels, increasing degrees based on their tolerance levels.
5. Intensity levels are automatically reset (to 0) when switching between treatment modes. Thus, these levels should be re-adjusted to a user-comfortable degree before use.
6. Kindly detach the electrode pads gently from the treatment area to avoid damage to the skin and the device.
7. Kindly ensure the treatment area is clean, dry, and free from grease before using this device.
8. Do NOT power on this device till the electrode pads are properly positioned on the treatment area.
9. To detach or reposition the electrode pads, kindly power off the device to avoid related accidents.
10. Never detach or reposition the electrode pads while the device is powered on.
11. The TENS therapy device cannot and should not be used while charging. Kindly ensure the device is disconnected from all power sources before use.

LOW BATTERY INDICATOR

When the battery voltage is lower than $4.2 \pm 0.2V$, the battery symbol () flashes.

Replacing the Batteries

1. Carefully slide the battery compartment’s cover off along the marked direction
2. Correctly (in the right polarities) insert the four 1.5V AAA batteries within the allotted slot.

CAUTION

1. Ensure the batteries are properly installed to avoid damaging the device.
2. Immediately replace the batteries once the “low battery indicator” flashes.
3. Only similar batteries are to be used in this device at a time.
4. Dispose of used batteries per local environmental policies.

BUZZER SOUND DESCRIPTION

Beep sound	State specification:
One short sound	Start up Treatment time over
Short and continuous sound at interval of 1S	Fall-off of electrode pad

Cleaning and Maintenance

The Device

1. Use only a clean, soft cloth dampened with a small amount of neutral detergent to wipe the device and its connecting cables.
2. Never allow any form of liquid into this device.
3. Do NOT use gasoline or any volatile liquid in cleaning this device.
4. Do not submerge this device in any liquid. Protect the TENS therapy device from extreme moisture environments.
5. The TENS therapy device is highly heat-sensitive and should not be exposed to direct sunlight or extreme heat.
6. Do not place this device on hot surfaces.

The Electrode Pads

1. Rinse with clean water and air-dry. The pads should be allowed to dry properly for at least 30 minutes after cleaning before use.
2. For sanitary purposes, each user is advised to own and use his/her electrode pads.
3. Do not use chemical cleaners or abrasive agents in cleaning these pads.

Contraindications

Patients with skin diseases, malignant tumors, electrode pad-allergies, and implanted cardiac pacemakers are forbidden from using this device. Please, consult your doctor for other contraindications.

Maintenance

1. The manufacturer has not authorized any third-party service agents. Kindly contact the nearest distributor if the device is faulty.
2. The manufacturer will not be held responsible for the results of maintenance or repairs by unauthorized service personnel.
3. Do not attempt to conduct repairs on the device or its accessories yourself. Kindly contact the nearest distributor for after-sales services.
4. Disassembling of this device by unauthorized personnel is not encouraged and will void all claims to the product warranty.

Using the Electrode Pad

1. The electrode pad and its accompanying accessories is the only manufacturer-permitted connection with this device. Kindly ensure the device is powered off before attaching, repositioning, or detaching the pads.
2. Some skin irritations might be encountered in the use of these electrode pads. Kindly discontinue the use of these pads if skin irritations like redness, blistering, or itching are experienced.

3. Avoid prolonged use of the TENS therapy device on the same body area as this may increase the risk of skin irritations.

The electrodes provided with this device are for single-patient use only. For sanitary purposes, please avoid sharing these pads between users.

4. Please ensure the electrodes are properly connected to the treatment area to prevent high local currents that may cause localized burns.
5. The adhesive strength of the electrode pads is dependent on the treatment area conditions, storage conditions, and usage.
6. If the electrode pads seem to have weakened with time, kindly replace them with new pads. For proper storage of these pads, replace the protective foils on the electrode pads and store them in the storage bag to prevent them from drying out. Doing this extends their shelf-life.
7. The electrode pads' service life is 30 usage cycles. Your pads might be due for replacement after this. To obtain replacement electrodes, the customer can contact the manufacturer.
8. Each component of this product has undergone relevant systematic validation. The product is confirmed to be stable enough and does not need further performance calibration and validation.

If your product seems to be performing below the normal performance level, kindly contact the retailer.



1. If the patient has undergone medical or physical pain therapy, kindly consult your physician before using this device.
2. After using this device, if the pain aggravates, persists, or extends beyond five days of use, kindly discontinue device use and consult your physician.
3. Avoid using this device over the neck, as this could result in severe muscle spasms, breathing difficulty, irregular heart rhythm or blood pressure, etc.
4. Avoid using this device over the chest, as this might cause rhythm disturbance in the heart, which could be lethal.
5. Avoid using this device over or in proximity to cancerous lesions.
6. Avoid using this device in the presence of electronic monitoring equipment, such as cardiac monitors and ECG alarms, which may not operate optimally in the presence of an electrical stimulation device.
7. Avoid using this device in a bath or in the shower.
8. Avoid using this device while sleeping.
9. Avoid using this device while driving, operating machinery, or during any activity that might put your safety at risk if using this device.
10. Use this device only on normal, intact, clean, healthy skin.
11. The long-term effects of electrical stimulation are unknown. This device is not known to hold curative value by itself.
12. This device should not be applied transthoracically, because the introduction of electrical current into the heart might cause cardiac arrhythmia.
13. This device should not be used while the patient is connected to high-frequency equipment, as this might result in localized burns on the skin, as well as, damage to the device.

14. This device should not be used within the vicinity of shortwave or microwave therapy equipment, as this might affect the output power of the stimulator.
15. Never use this device near the heart, the front thorax (marked by the ribs and breastbone), and/or the two large pectoral muscles, as this might increase the risk of ventricular fibrillation and cardiac arrest.
16. Never use this device on the eyes, head, and/or face.
17. Never use this device near the genitals.
18. Never use this device on numb skin areas (areas that lack normal sensation).
19. Keep the electrode pads apart during treatment. The electrode pads coming in contact with each other might result in improper simulation and/or localized skin burns.
20. Keep this device out of the reach of children.
21. Consult your doctor for any questions relating to this device and/or its use.
22. Kindly discontinue the use of this device and do not increase the intensity level if any level of discomfort is felt during treatment.



KINDLY NOTE:



1. The TENS device is not effective against centralized pain, including headaches.
2. The TENS device is not a substitute for pain medications and other pain management therapies.
3. The TENS device has no curative value by itself.
4. The TENS device is a symptomatic treatment that works to suppress pain sensations; thus, serving as a protective mechanism.
5. The effectiveness of this device is highly dependent on the treatment selection by a qualified practitioner in pain management.
6. The long-term effects of electrical stimulation are unknown.
7. Since the effects of electrical stimulation on the brain are unknown, this device should not be applied on/to the head.

8. The safety of electrical stimulation during pregnancy has not been established.
9. The patient may experience skin irritation or hypersensitivity due to the electrical stimulation or electrical conductive medium (silica gel).
10. Kindly adhere to physician-recommended precautions if the patient has been suspected with or diagnosed with a cardiac problem.
11. Kindly adhere to physician-recommended precautions if the patient has been suspected with or diagnosed with epilepsy.
12. Kindly take caution if the patient is prone to internal bleeding.
13. Kindly consult your physician before using this device after a recent surgical procedure because stimulation might disrupt the healing process.
14. Kindly take caution while using this device on a menstruating or pregnant patient.
15. Kindly take caution while using this device on numb skin areas (areas that lack normal sensation).
16. The electrode pads provided are intended for single-patient use only.
17. Kindly stay informed on the contraindications.
18. This device is never to be used on the following individuals: non-compliant patients, emotionally disturbed patients, patients with dementia, or individuals with below normal-low IQ.
19. Kindly adhere strictly to the instructions listed within this manual.
20. Extra caution should be taken when using this device on patients that have been suspected with or diagnosed with cardiac problems.
21. Localized skin irritations might occur at the site of the electrode pads placement following long-term usage.
22. Do NOT use this device at the same time as other devices that transmit electrical pulses to your body.
23. Do not use sharp objects, such as pencils or pens to operate the buttons on this device.
24. Kindly confirm the electrode pads connections before running the device.
25. This device should be used only with the manufacturer-recommended electrodes.

Troubleshooting

FAULT	PROBABLE CAUSE	SOLUTION
Failure to power on	The device's power supply is low.	Replace batteries.
Piercing pain during treatment	The electrode pad is not properly attached.	Reattach electrode pads Replace electrode pads
Electrode pad(s) falls off	The skin is not clean/weat on skin. The electrode pads' adhesive is weak	Wipe the skin clean and reattach the electrode pads. Replace electrode pads.
Inconsistent intensity from the electrode pads	Disconnected main unit, electrode wires, and/or electrode pads.	Make sure the main unit, electrode wires, and electrode pads are connected properly.
Power failure during use	The device's power supply is low.	Replace the batteries immediately.
Sudden alarm and treatment pause while in use	The electrode pads have fallen off.	Reattach the electrode pads on the treatment site.

Optimal Operating Conditions

Ambient Temperature 5°C - 40°C; Relative Humidity ≤ 80%

Optimal Storage Conditions











Ambient Temperature -40°C - 55°C; Relative Humidity 10% - 93%

Specifications

1. Operating Voltage 6V DC
2. Suitable For Continuous Operation
3. Maximum Output Pulse Energy For 500Ω of load resistance / ≤ 300mJ
4. Pulse Width 0.15ms - 0.20ms ±20%
5. Maximum Intensity 48mA ±20%
6. Pulse Frequency 1Hz - 120Hz ±20%
7. Rated Load Resistance 500Ω
8. Maximum Output Peak Voltage in Open Circuit ≤ 500V
9. Treatment Intensity Range 0 -15; adjustable interval: 1

10. Main Unit Dimension 121.8mm x 63.6mm x 22.2mm
11. Electrode Pad Dimension 50mm x 50mm
12. Main Unit Weight 86g (excluding battery)
13. Service Life 5 years
14. Manufacturing Date See product label
15. Atmospheric Pressure Range 70.0kPa - 106.0kPa

Symbols

	Manufacturer
	Manufacturing Date.
	Serial Number.
	Authorized Representative in the European Community.
	CE certification mark with the number of the notified body.
	Electrical Waste Material should be sent to the dedicated collection point for recycling.
	Type-BF Applied Part.
	Protected against solid foreign objects of 12.5 mm and greater. Protected from water spray less than 15 degrees from vertical.
	CAUTION! Destroy after use.
	Refer to the instruction manual/booklet.

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLES

Electromagnetic Compatibility (EMC) Tables

This device is suitable for use in the following electromagnetic environments. The customer or user of this device is assured of its safe use in the stipulated environments.		
Emission Tests	Compliance	Electromagnetic environment - guidance
RF Emissions CISPR II	Group 1	This device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Emissions CISPR II	Class B	This device is suitable for use in all establishments, including domestic types and those directly connected to public low-voltage power supply networks for buildings involved in domestic functions.
Harmonic Emissions IEC61000-3-2	Not applicable	
Voltage Fluctuations/ Flicker Emissions IEC61000-3-3	Not applicable	

Guidance and manufacturer's declaration on electromagnetic immunity			
This device is suitable for use in the following electromagnetic environments. The customer or user of this device is assured of its safe use in the stipulated environments.			
Immunity test	IEC 60601 Test level	Compliance level	Electromagnetic Environment-guidance
Electrostatic discharge (ESD) IEC61000-4-2	±8kV contact ±15kV Air	±8kV contact ±15kV Air	Floors should be wooden, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %. If the ESD interferes with the device's functions, counter measurements such as wrist straps and grounding shall be considered.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines	Not applicable	not applicable (For INTERNALLY POWERED ME EQUIPMENT)

Surge IEC 61000-4-5	± 1 kV differential mode ± 2 kV common mode	Not applicable	not applicable (For INTERNALLY POWERED ME EQUIPMENT)
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% UT (100% dip in UT) for 0.5 cycle 0% UT (100% dip in UT) for 1 cycles 70% UT (30% dip in UT) for 25/30 cycles 0% UT (100% dip in UT) For 250/300 cycles	Not applicable	not applicable (For INTERNALLY POWERED ME EQUIPMENT)
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	30A/m	30A/m	Power frequency of magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Warranty

Kindly contact Lazle customer support team. If there is a need to send in the unit, please enclose a copy of your receipt alongside a clear description of the defect.

The following are the terms guiding this product warranty:

- 1) This device is under a one-year warranty from the initial purchase date.
- 2) To claim the device's warranty, the date of purchase must be proven with its valid sales receipt or invoice.
- 3) Authorized/Non-authorized repairs during the warranty period do not extend the warranty of the product or its parts.
- 4) The following cases are not covered under this product's warranty:
 - a. Product damage from mishandling, negligence, and non-adherence to manufacturer's instruction.
 - b. Damage from repairs or product tampering by the customer, a user, or unauthorized personnel.

- c. Damage during the transportation of the unit from the manufacturer to the customer, or to the service center.
- d. Accessories that are by nature, prone to wear and tear.
- e. Damage to the device during unauthorized disassembling of the device.

Liabilities from direct or indirect losses due to the unit are not covered by this warranty, even if the device's damage is covered by the warranty.

If you have any questions or concerns about our products or your order, please do not hesitate to contact us at support@lazleusa.com (24/7 support) or give us a call+ I (800) 460-2215 (Mon-Fri 8am - 6pm PTC)

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