

## INSTRUCTION MANUAL

# *Electronic Pulse Stimulator*

MDTS100



\*Bluetooth function is available  
for selected device.

## **CONTENTS**

	<b>PAGE</b>
1. Box Contents	1
2. Introduction	1
3. Indications for Use	1
4. Features	1
5. Safety Warnings	2/3/4
6. Specification	5
7. Procedures Include the Following Parameters	6/7/8/9/10
8. How the Device Works	11
9. Understanding Your Unit	11
10. Operating Instructions	11/12/13
11. Quality Assurance Tests	14
12. Accessories	14
13. Electrode Pads User Guide	15
14. Cleaning and Maintenance	16
15. Symbols	17
16. Troubleshooting	17
17. Compliance Information for EMC Test	18
18. FCC Declaration	19
19. Applicable Model	19

## 1. Box Contents

- 1 - ChoiceMMed Electronic Pulse Stimulator MDTS100
- 2 - Lead Wires with Pin Connection
- 2 - AAA Batteries
- 4 - Electrode Pads
- 1 - User Guide

## 2. Introduction

The Electronic Pulse Stimulator is intended for at home use in delivering electric pulses to tired and sore muscles. These pulses are generated by the device & delivered through electrode pads placed on the skin which then trigger contractions of the targeted muscles.

The is portable, compact and stylish in design.

The device has 7 stimulation modes: Mode1-Mode 7. These stimulation modes can be selected by pressing the MODE button on the front of the unit.

The device comes with 2 independent output channels (A&B). Each channel comes with an electrode wire & two electrode pads. Users can choose between the two output channels by pressing the CHA button. Channel A&B are selected by default. Pressing the **◀** & **▶** buttons will decrease & increase the intensity of stimulation. The LCD screen displays the remaining stimulation time in the lower left corner. The default time is 20 minutes.

## 3. Indications for Use

The Electronic Pulse Stimulator is to be used for temporary relief of pain associated with sore and aching muscles in the shoulder, waist, back, upper extremities (arm), and lower extremities (leg) due to strain from exercise or normal household and work activities.

## 4. Features

- ♦ Liquid Crystal Display (LCD) Screen
- ♦ 2 Independent Output Channels
- ♦ 7 Stimulation Modes (Mode 1 - Mode 7)
- ♦ 10 Levels of intensity
- ♦ 8 Positions (SHOULDER, FOOT, BACK, WAIST, ARM, HAND, LEG AND JOINT)
- ♦ 20 Minutes Timer
- ♦ Bluetooth function (optional)

## 5. Safety Warnings

### DANGER

- Do not use this device if you have an implanted defibrillator or implanted metallic devices, such as a pacemaker. Such use could cause electrical shock, burns, electrical interference or death.
- Don't use the device if you use a high frequency surgical ME EQUIPMENT simultaneously. Such use may result in burns and possible damage to the device.
- Operation in close proximity (e.g. 1m) to a shortwave or microwave therapy ME EQUIPMENT may produce instability in the device output.
- The application of electrodes near the thorax may increase the risk of cardiac fibrillation.

### WARNING

- Consult your physician before purchasing or using this device if you have one of the following conditions:
  - Acute disease
  - Malignant tumor
  - Infective disease (i.e. HIV/AIDS, Pneumonia)
  - Pregnant
  - Heart disease
  - High fever
  - Abnormal blood pressure
  - Lack of skin sensation
  - Abnormal skin condition
  - Any condition requiring the active supervision of a physician
- Use of accessories and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the ME EQUIPMENT, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

 **NOTICE**

- Do not use this device while driving or 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 and consult your physician immediately if you feel pain, discomfort, dizziness or nausea.
- Do not attempt to move the electrode pads while the device is ON or operating.
- Any electrodes that have current densities exceeding 2mA/cm<sup>2</sup> may require special attention of the operator.
- Do not use the device around the heart, on the head, mouth, genitals or blemished skin areas, on the front of the neck, or from electrodes placed on the chest and the upper back or crossing over the heart.
- When the device delivers an output of more than 10mA or 10V into a load resistance of 1000Ω, the device will have an indication that the A&B channels font flashes on the display screen.
- Do not apply stimulation of this device in the following conditions:
  1. Across the chest-the introduction of electrical current into the chest may cause rhythm disturbances to the heart, which could be lethal.
  2. Over painful areas. Consult your physician before using this device if you have painful areas.
  3. Over open wounds, rashes, or swollen, red, infected, or inflamed areas or skin eruptions (e.g. phlebitis, thrombophlebitis, varicose veins). Apply stimulation only to normal, intact, clean and healthy skin.
  4. In the presence of electronic monitoring equipment (e.g. cardiac monitors, ECG alarms). The electronic monitoring equipment may not operate properly when the electrical pulse stimulator 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.
  7. Over your neck because this could cause severe muscle spasms resulting in closure of your airway, difficulty in breathing, or adverse effects on heart rhythm or blood pressure.
  8. Over, or in proximity to, cancerous lesion.
  9. When the patient is in the bath or shower.

**Be aware !**

1. Consult your physician before using this device. The stimulation 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. The device is not effective for pain of central origin (i.e. appendicitis, Hepatitis), including headache.
3. The device is not a substitute for pain medications and other pain management therapies.
4. The device has no curative value.
5. The device is a symptomatic treatment and, as such, suppresses the sensation of pain that would otherwise serve as a protective mechanism.
6. The long-term effects of electrical stimulation are unknown.
7. The user may experience skin irritation, burns or hypersensitivity due to the electrical stimulation or electrical conductive medium (gel).
8. If the user has suspected or diagnosed epilepsy, the user should follow precautions recommended by his or her physician.
9. Use caution if the user had 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.
13. Use this device only with the wires, electrodes, and accessories that the manufacturer recommends.
14. Patient is intended operator.
15. Effectiveness is highly dependent upon patient selection by a practitioner qualified in the management of pain patients.
16. The effects of stimulation of the brain are unknown. Stimulation should not be applied across the head and electrodes should not be placed on opposite sides of the head.
17. Do not use the stimulator near an MRI environment.

**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.**

## 6. Specification

### ENVIRONMENT CONDITION

#### Environmental condition for transportation & storage

Temperature Range	: -13 °F ~158 °F (-25°C ~70°C )
Humidity	: ≤90% RH
Atmosphere Pressure	: 70kPa~106kPa

#### Environment condition for operation

Temperature Range	: 41 °F ~104 °F (5°C ~40°C )
Humidity	: 15% ~ 90% RH
Atmosphere Pressure	: 70kPa~106kPa

### TECHNICAL SPECIFICATION

Dimensions (in.) [W x H x D]	: 2.17 x 5.12 x 0.79
LCD Display (in.)	: 1.34 x 1.34
Size of electrodes (in.)	: 1.57 x 1.57
Weight	: 2.2oz/64±5g (Batteries Excluded)
Life of Pads	: Up to 80 Uses
Power Requirements	: DC 3V, 2 AAA batteries
Battery Life	: Two AAA 1.5V, 800mAh alkaline batteries could be continuously operated as long as 20h.
Number of output modes	: 7
Number of alternating output channels	: 2
Timer Range (minutes)	: 20 minutes
Waveform	: monophasic
Shape	: monophasic square wave
Maximum Output Voltage (±20%)	: <u>150V@500Ω</u> ; <u>160V@2kΩ</u> ; <u>165V@10kΩ</u>
Pulse Duration	: 50~140μsec
Frequency	: 0.9Hz~82Hz
Output Current	: ≤50mA (r.m.s) @500Ω
ON / OFF TIME	: ≤1second

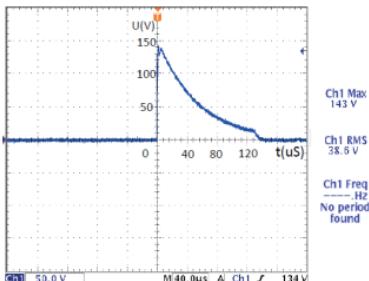
## 7. Procedures Include the Following Parameters

Procedure contains the master pulse and the sub pulse. The working time of master pulse consists of several sub pulses while the sub pulse consists of several single pulses. Without special instruction in procedure: single pulse width is 140 $\mu$ S; the stimulation time is 20 minutes.

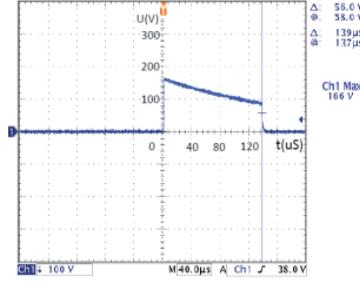
### --Mode 1

- Frequency: 35Hz      Pulse Width: 50-140 $\mu$ S
- The Maximum amplitude (500 $\Omega$ load): 150V

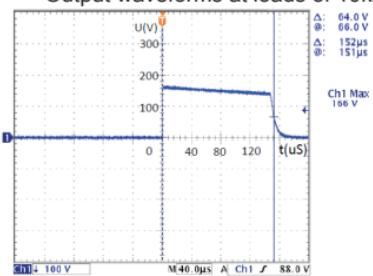
Output waveforms at loads of 500 $\Omega$



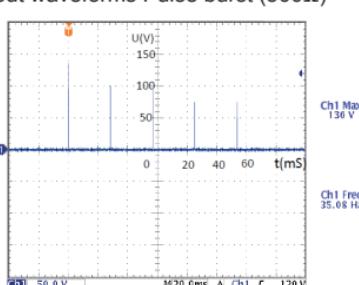
Output waveforms at loads of 2k $\Omega$



Output waveforms at loads of 10k $\Omega$



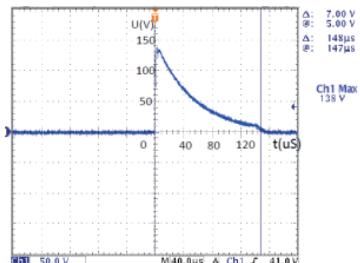
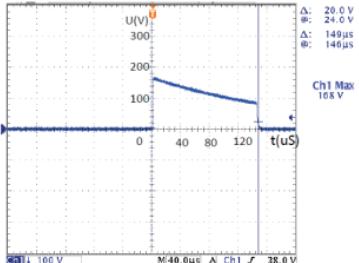
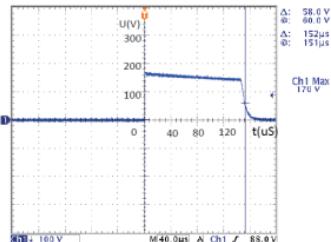
Output waveforms Pulse burst (500 $\Omega$ )



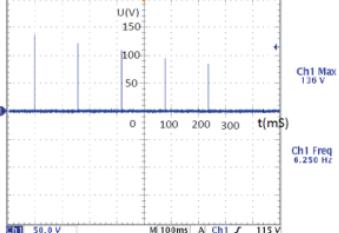
### --Mode 2

- Frequency: 6.25Hz/0.9Hz/2.25Hz      Pulse Width: 140 $\mu$ S
- The Maximum amplitude (500 $\Omega$ load): 150V

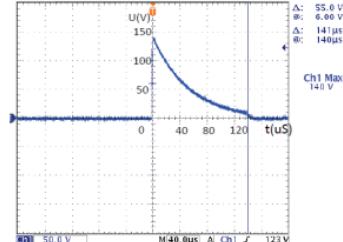
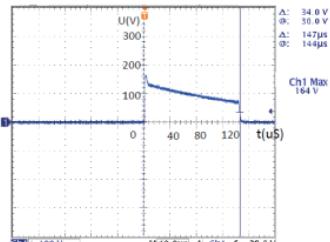
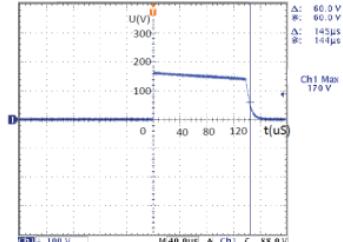
Second procedures consist of three pulses with different frequency (6.25Hz/0.9Hz/2.25Hz).

Output waveforms at loads of  $500\Omega$ Output waveforms at loads of  $2k\Omega$ Output waveforms at loads of  $10k\Omega$ 

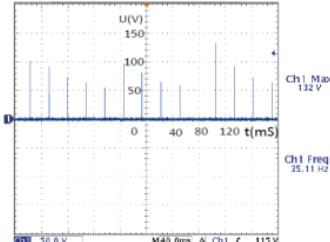
Output waveforms Pulse burst (500Ω)

**--Mode 3**

- Frequency: 35Hz      Pulse Width: 50-140μS
- The Maximum amplitude (500Ωload): 150V

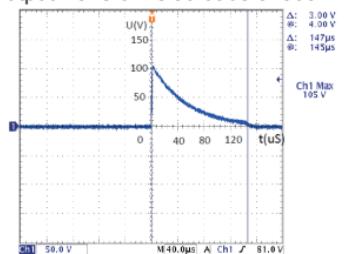
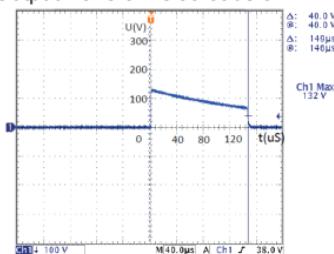
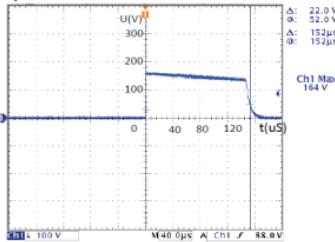
Output waveforms at loads of  $500\Omega$ Output waveforms at loads of  $2k\Omega$ Output waveforms at loads of  $10k\Omega$ 

Output waveforms Pulse burst (500Ω)

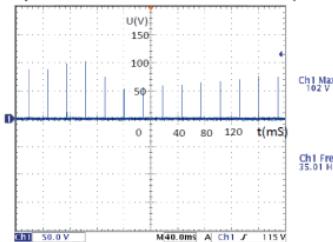


**--Mode 4**

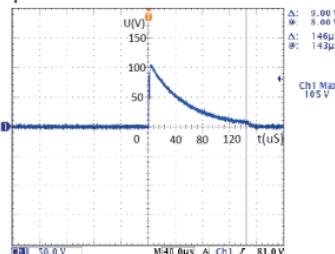
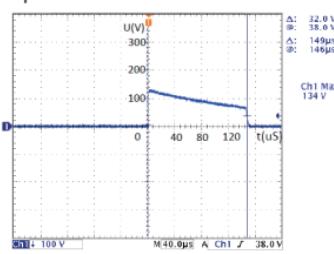
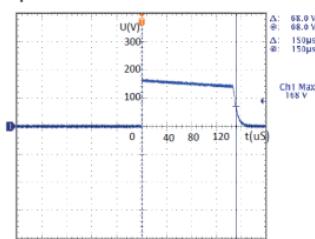
- Frequency: 35Hz
- Pulse Width: 140 $\mu$ S
- The Maximum amplitude (500 $\Omega$ load): 120V
- Output waveforms at loads of 500 $\Omega$

Output waveforms at loads of 2k $\Omega$ Output waveforms at loads of 10k $\Omega$ 

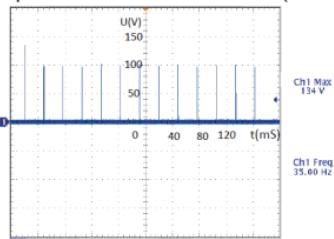
Output waveforms Pulse burst (500Ω)

**--Mode 5**

- Frequency: 35Hz
- Pulse Width: 140 $\mu$ S
- The Maximum amplitude (500 $\Omega$ load): 120V
- Output waveforms at loads of 500 $\Omega$

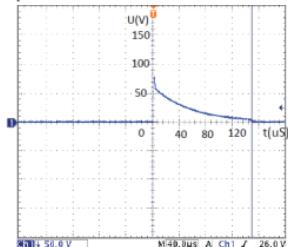
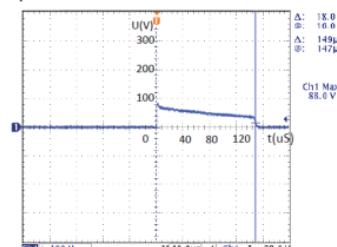
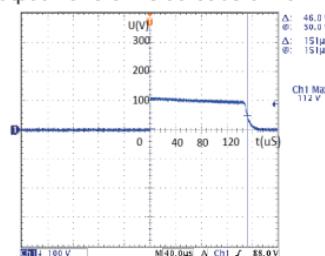
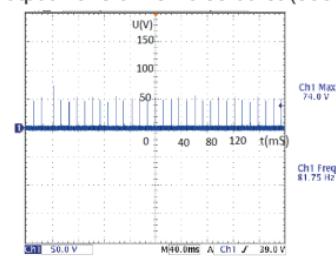
Output waveforms at loads of 2k $\Omega$ Output waveforms at loads of 10k $\Omega$ 

Output waveforms Pulse burst (500Ω)

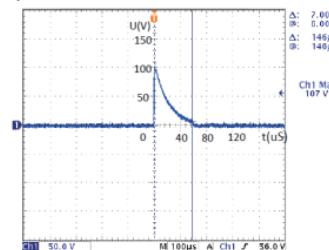
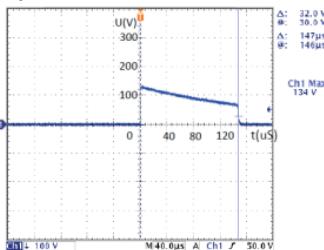
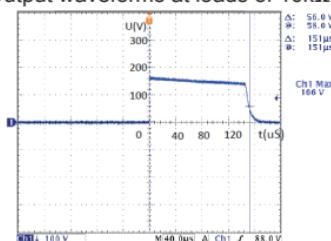
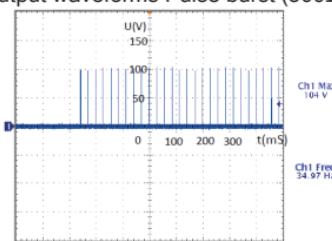


**--Mode 6**

- Frequency: 82Hz      Pulse Width: 140 $\mu$ s
- The Maximum amplitude (500 $\Omega$ load): 80V

Output waveforms at loads of 500 $\Omega$ Output waveforms at loads of 2k $\Omega$ Output waveforms at loads of 10k $\Omega$ Output waveforms Pulse burst (500 $\Omega$ )**--Mode 7**

- Frequency: 35Hz      Pulse Width: 140 $\mu$ s
- The Maximum amplitude (500 $\Omega$ load): 120V

Output waveforms at loads of 500 $\Omega$ Output waveforms at loads of 2k $\Omega$ Output waveforms at loads of 10k $\Omega$ Output waveforms Pulse burst (500 $\Omega$ )

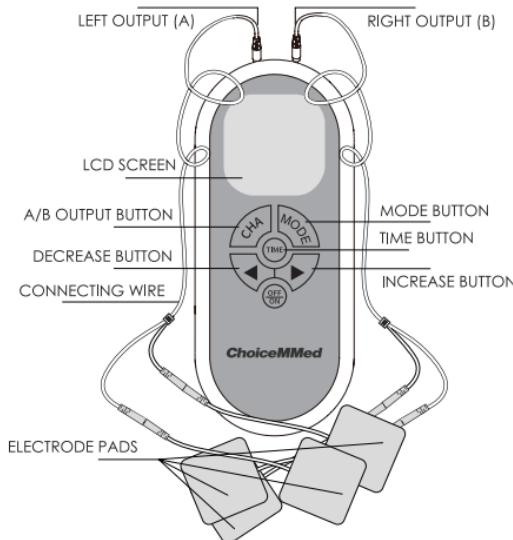
**Description of each mode:**

Mode	Frequency (Hz)	Pulse Width (μs)	Max amplitude (V) @500Ωload	Output Mode	Type of Pain	Sensation
Mode 1	35	50-140	150	Cycle& Modulated	Acute&Chronic Pain	Massage-Like feeling
Mode 2	6.25 /0.9 /2.25	140	150	Cycle& Modulated	Acute Pain	Variable tingling and pulsing sensation (sensation should appear to come in waves)
Mode 3	35	50-140	150	Cycle& Modulated	Chronic Pain	Variable comfortable pulsing sensation (sensation should appear to come in waves)
Mode 4	35	140	120	Constant& Modulated	Chronic Pain	Constant comfortable pulsing sensation (sensation should appear to come in waves)
Mode 5	35	140	120	Cycle& Modulated	Acute&Chronic Pain	Variable stimulation sensation (sensation should appear to come in waves)
Mode 6	82	140	80	Constant& Modulated	Acute&Chronic Pain	Constant comfortable rubbing sensation
Mode 7	35	140	120	Cycle& Modulated	Chronic Pain	Variable pulsing and pumping action (sensation should appear to come in waves)

## 8. How the Device Works

The device generates small pulses of electrical current. It transmits these pulses to the user's skin through adhesive electrode pads, which activates the nerves below and temporarily relieves pain related to soreness.

## 9. Understanding Your Unit



## 10. Operating Instructions

The following graphical steps are used to explain the operation of the equipment. The table lists detailed information about each step.

Step 1 Insert two AAA batteries into the device.

Step 2 Connect the electrode pads to the wires and then connect the wires to the device.

Step 3 Put the electrode pads on the targeted body area.

Clean your skin before each use. Make sure your skin is clean, dry and free from lotion before placing the electrode pads on your skin. Refer to the *Pads User Guide*.

Step 4 Press the ON/OFF button once to turn the device on.

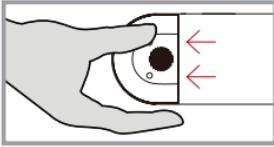
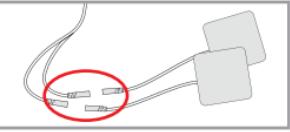
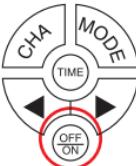
Step 5 Choose the output channel(s) to be used. You can use one channel at a time or both channels simultaneously.

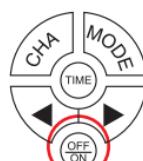
Step 6 Select one of the seven modes.

Step 7 Set the stimulation time.

Step 8 Adjust the stimulation intensity.

Step 9 Press the ON/OFF button once to turn the device off.

DESCRIPTION OF OPERATION	DIAGRAM
<p><b>Step 1- Insert the 2 AAA batteries into the device.</b></p> <p>Make sure the unit is OFF. Slide the compartment cover on the back of device downward until the cover pops off. Insert 2 AAA batteries according to the diagram inside the battery compartment. Close the cover.</p>	
<p><b>Step 2- Connect the electrode pads to the wires and then connect the wires to the device.</b></p> <p>Plug the connecting wires into the electrode pads. Then connect the wires to the device's output channels. Two output channels can be used simultaneously or one at a time. Select channel by pressing CHA Button.</p> <p><b>NOTE:</b> If you connect wires to both A and B outputs, you must turn on both A and B channels and have pads connected. These pads <b>MUST</b> be placed on the body for stimulation to occur.</p>	 
<p><b>Step 3- Place the electrode pads on the part of the body that needs stimulation.</b></p> <p>In order to achieve the best relief results, place the electrode pads around or on the top of your painful areas. If possible, always use all the 4 electrode pads at the same time. (If all 4 pads are being used, both outputs must be turned on). Electrode pads should be placed between 0.5" to 1.5" apart from each other based on the relief area. Make sure the pads stick firmly on the skin. Do not move or remove the pads when the device is on.</p> <p>Clean your skin before each use. Make sure your skin is clean, dry and free from lotion before placing the electrode pads on your skin.</p>	
<p><b>Step 4- Press the ON/OFF button once to turn the unit on.</b></p> <p>The LCD display will show 7 stimulation modes.</p>	

<p><b>Step 5- Choose the output channel(s) to be used for stimulation.</b></p> <p>Press the CHA button on the front of the unit to turn on or off the corresponding output channels (Both A&amp;B are ON by default).</p> <p><b>IMPORTANT:</b> Before stimulation, you must plug the wire into the output port and place the pads on the skin. You can use one channel at a time or both channels simultaneously as long as the output channel is turned on, wires are connected and pads are attached to skin.</p>	
<p><b>Step 6- Select one of the seven stimulation modes.</b></p> <p>Press the MODE button to switch between stimulation modes: Mode1, Mode 2, Mode 3, Mode 4, Mode 5, Mode 6 and Mode 7. LCD Screen shows the current mode.</p>	 
<p><b>Step 7- Set the stimulation time.</b></p> <p>Press TIME to set the duration. The time can be set from 5 minutes to 20 minutes.</p>	 
<p><b>Step 8- Adjust the stimulation intensity.</b></p> <p>Pressing on the <b>◀ &amp; ▶</b> buttons will Decrease &amp; Increase the intensity level of stimulation.</p> <p><b>NOTE:</b> With the increase of intensity, you may experience sensations like tingling, vibration, pain, etc. Therefore, gradually increase the intensity. When the most comfortable level is reached, stop increasing.</p>	 
<p><b>Step 9- Press the ON/OFF button once to turn the unit off.</b></p> <p>After the device is turned off, disconnect the wires and electrode pads. If you plan not to use the device for a long time, please remove the battery from the device.</p>	

## 11. Quality Assurance Tests

The test result of each step should meet the following passing criteria. Otherwise, it may be considered as failed test.

### ♦ Key Function Test

When the functional keys are pressed step by step, the outputs of the device should be identical to the following description:

1. Press the ON / OFF button to turn on the device. The LCD screen will show 7 modes, minutes left, and A&B output channels.
2. When the MODE key is pressed, the corresponding mode is selected on the LCD screen.
3. Press the **◀ & ▶** button, the stimulation intensity is adjusted. The default level is 0.
4. The number displayed in the top left corner is the remaining stimulation time.

### ♦ LCD Check

The information displayed on the LCD screen should be identical to the following description:

<b>A B</b>	Output Channels		Battery indicator
 Minutes Left	Stimulation Timer		Current Stimulation Mode
	Level of Intensity		Bluetooth indicator * (optional)

\* Bluetooth is an OPTIONAL function for the device. The Bluetooth indicator flashes if no bluetooth connection and stays lit when that connection is established.

\* Operation to the device is available through APP when they are connected via Bluetooth.

## 12. Accessories

### • Connecting Wires

The lead wires consist of PVC material in the outside and thin copper wire on the inside. The total length of the lead wire is 59.05 inches and there are 3 connectors on each wire. The one connector on one end is used to connect to the device and the 2 connectors on the other end are used to connect to the electrode pads. The pulse generated by the device to the pads through these connecting wires.

### • Electrode Pads

The electrode pads are reusable up to 80 uses.

## 13. Electrode Pads User Guide

### ◆ Positions for Use



Shoulder



Foot



Back/Waist

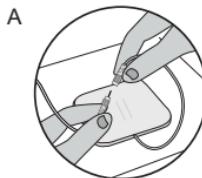


Arm/Hand



Leg/Joints

### ◆ Steps for Use



A



B



C

1. Insert the pins of connecting wire into the wire connectors of each electrode pad (see image A).
2. Remove the electrode pads from the protective liner. Lift at the edge of the electrode pad and peel from the liner (see image B). Do not pull on the lead wires when removing the electrode pads from the protective liner or skin, which may cause damage to the electrodes.
3. Apply firmly to the skin.
4. When not in use, return the pads to the protective liner (see image C). Store the electrode pads in the re-sealable bag in a cool place, out of direct sunlight.

### Notes:

1. Place the electrode pads around or on the top of your painful areas.
2. Never apply electrodes on the throat or both sides of the neck, where the carotid sinus nerves are located.
3. Clean your skin thoroughly prior to each application of electrode pads. Pads will not stick well if any lotion, make-up, or dirt is left on your skin.
4. Make sure the Electronic Pulse Stimulator is off before applying the electrodes to the skin.
5. Wipe electrodes between uses by one drop water or damp and clean cloth if needed.

## 14. Cleaning and Maintenance

- » Use wet wipes or towels moistened with neutral detergent to clean the device and then use dry towel to wipe it again.
- » The electrode pads attached with the device are reusable up to 80 uses and should be replaced when the adhesiveness becomes weak. To ensure proper use, the applied Self Adhesive Replacement Gel Pads should be used. Do not let the sticky side of the electrode pads touch anything, including your fingertips. Do not use damaged or broken wires.
- » Dispose of battery should follow any applicable local battery disposal laws.
- » The use life of the device is five years when it is used for 15 measurements every day and 20 minutes per one measurement.

### **Warnings**

- Water is prohibited in the host device, so to avoid damage or malfunction of the device.
- Please do not open the battery cover when the device is operated.
- Please do not clean or maintain the device when the device is operated.
- Please do not open the device enclosure. The device can only be maintained by personnel authorized by the manufacturer.
- When the accessory of the device is damaged or failure, it must be the personnel authorized by the manufacturers to replace the correct attachment.
- The host device should be cleaned at least once a month and can be cleaned by using soft cloth dipped in small amount of water.
- The electrode pads can only be used by the single patient and the electrode pads are required to be replaced periodically.
- Check the insulation of the output cable regularly. If there is any damage, the cable should be replaced immediately.
- When the battery is exhausted, replace the battery immediately according to the specification.

## 15. Symbols

	Type BF applied part		Follow instructions for use
	Serial number		Warning
	Date of manufacture		Manufacturer's information
	Storage temperature and humidity		Conformity to WEEE Directive
	Mode 1		Mode 2
	Mode 3		Mode 4
	Mode 5		Mode 6
	Mode 7	IP22	Enclosure protection degree

## 16. Troubleshooting

If your device can not be operated properly, please check if it is for the following problems or conditions. If the recommended action does not solve the problem, please contact us.

MALFUNCTION	CAUSE	SOLUTION
Weak stimulation or no stimulation	Are the electrode pads in close contact with the skin?	Remove, clean and place back on the skin.
	Are the electrode pads touching each other?	If so, separate the pads.
	Are the wires connected to the electrode pads and the main device properly?	Disconnect, clean and reconnect all the parts.
	Are the batteries dead?	Replace the batteries.
Skin redness	Did you stay with stimulation too long?	Stop treatment or move to another area.
Skin feels numb	Are electrode pads dirty?	Clean with damp cloth or replace.
	Do the electrode pads touch the skin closely?	Remove and place again on the skin.
Device does not turn on	Are the batteries installed correctly?	Remove and install batteries.
Pads are not sticky	Pads will deteriorate after multiple uses.	Replace them with ChoiceMMed Self-Adhesive Replacement Gel Pads MDPS100.

## 17. Compliance Information for EMC Test

Electromagnetic emission		
Emission test	Compliance	Electromagnetic Environment – guidance
Conducted and radiated RF emissions	CISPR 11, Group 1, Class B	Home Healthcare environment

Electromagnetic immunity			
Immunity test	IEC 60601 test level	Compliance Level	Electromagnetic Environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8kV contact ±15kV air	± 8kV contact ±15kV air	Special healthcare environment. The relative humidity should be at least 50%.
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m 80 MHz to 2.7 GHz	Home healthcare environment
Power frequency (50/60Hz) magnetic field IEC61000-4-8	30A/m	30A/m	Home healthcare environment

Electromagnetic immunity to RF wireless communications equipment						
Test frequency (MHz)	Band <sup>a</sup> (MHz)	Service <sup>a</sup> )	Modulation <sup>b</sup> )	Maximum power (W)	Distance (m)	Immunity test level (V/m)
385	380-390	TETRA 400	Pulse modulation <sup>b</sup> ) 18Hz	1.8	0.3	27
450	430-470	GMRS 460, FRS 460	FM <sup>c</sup> ) ±5kHz deviation 1kHz sine	2	0.3	28
710	704-787	LTE Band 13,17	Pulse modulation <sup>b</sup> ) 217Hz	0.2	0.3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation <sup>b</sup> ) 18Hz	2	0.3	28
870						
930						
1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3,4,25; UMTS	Pulse modulation <sup>b</sup> ) 217Hz	2	0.3	28
1845						
1970						
2450	2400-2570	Bluetooth, WALN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation <sup>b</sup> ) 217Hz	2	0.3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse modulation <sup>b</sup> ) 217Hz	2	0.3	9
5500						
5785						

## 18. FCC Declaration

FCC ID: WWIMDTS100

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

## 19. Applicable Model

MDTS100



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**ChoiceMMed**

