

User Manual 1

AUVON® EasyStim TN28_OTC Devive

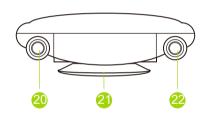
Device Name: EasyStim TN28_OTC

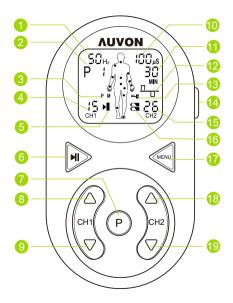
Thank you for purchasing this product, please read this user manual carefully before use!

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1.KNOW YOUR MACHINE





- 1. Frequency (Hz)
- 2. Program
- 3. "P" (preset mode) / "M" (manual mode)
- 4. Channel 1 intensity
- 5. Paused indicator
- 6. Pause button
- 7. Program selection button
- 8. Channel 1 intensity increase
- 9. Channel 1 intensity decrease
- 10. Pluse width(uS)
- 11. Running time (min)
- 12. Waveform
- 13. Locked indicator
- 14. Power button
- 15. Channel 2 intensity
- 16. Low battery indicator

- 17. MENU button
- 18. Channel 2 intensity increase
- 19. Channel 2 intensity decrease
- 20. Channel 1
- 21. Belt Clip
- 22. Channel 2

2. INSTALL BATTERIES



Step 1
Push and press the corner of clip as the picture shows with your left thumb and pull down with your right hand.



Step 2 Open the lid.



Step 3 Insert the batteries. Make sure the ribbon is behind the batteries.



When the batteries are running low, a low battery indicator will flash on the screen and it is important to change the batteries as soon as possible.

CAUTION:

There is a risk of explosion if the batteries are fitted incorrectly. Replace with AA Alkaline 1.5 volt batteries (LR6). Do not mix old and new batteries. Do not dispose of the batteries in a fire and keep them out of reach of children. The batteries must be removed from the unit if unit is not used for a long period of time.

3.CONNECT LEAD WIRES TO CH1 OR CH2

Decide whether you wish to use one lead or two. If using two leads, insert the plugs into both jacks on the plugs of the unit. If only using one lead, insert into one lack.



4.CONNECT ELECTRODES PADS TO LEAD WIRES

Take out electrodes from the bag and connect to the leads. Each lead should connect to one electrode pad.





5.PLACE ELECTRODES PADS

Remove electrodes pads from plastic film and place them on your skin.

Ensure that the skin where you intend to place the electrodes is clean and thoroughly dry. Remove the electrodes from the clear plastic shield and position on your body as required.





NOTE:

The system will by default auto-set to "0" intensity on respective channel if electrode pads are not attached to the lead wires or placed on your body correctly.

6.OPERATION OF THE DEVICE





Press this key for 2 seconds to turn on or off this device. The unit will turn off automatically if no other key is pressed within the next 5 minutes.



Press this key to pause the unit and press this key again to continue it. When the unit is paused, the intensity level goes down to zero, and **M** is displayed in the LCD. Once the unit is released from paused, it will start from the point where it was broken to be paused. If the device is paused over 5 minutes, it will be shut off automatically.



Press this key to select the following parameters one by one (manual modes only).



Press these keys to increase or decrease the intensity of CH1/CH2 from level 0-60.



Press this key to go through and select the programs. This device has 32 different programs. The symbol "P" (preset mode) / "M" (manual mode) will display on the LCD accordingly. The PRESET modes of programs are identified on the display by a small point, pointing to the specific treatment area.

NOTE:

If you do not press any keys for 30 seconds, the unit will be locked. The symbol of is displayed on the LCD screen. To unlock the unit, press the key marked ▼ of CH1 or CH2.

7. INTRODUCTION OF PROGRAMS

For TENS programs:

When using any of the 11(P1-P11) programs for pain relief, always start with the lowest intensity and gradually increase the level of intensity unit you feel a "tingling" sensation. All programs are different and therefore feel differently. You may try all 11 programs in the beginning and choose one that feels pleasant. Never increase the intensity to a level so that it hurts; always stay under the point of discomfort.

Program	P1	P2	P3	P4
Mode	TENS	TENS	TENS	TENS
Preset/Manual	Р	Р	Р	Р
Frequency (Hz)	50	85	2	100
Pulse width (uS)	100	200	300	150
Time (min)	30	30	30	30
Waveform	<u>п</u> п	п п п п п п п п п п п п п п п п п п п 	<u>п</u> п	<u>п</u> п
Suggested site for use				

Program	P5	P6	P7	P8	P9	P10	P11
Mode	TENS	TENS	TENS	TENS	TENS	TENS	TENS
Preset/Manual	Р	Р	Р	Р	Р	Р	М
Frequency (Hz)	100	10	80	50	120	80	1-150
Pulse width (uS)	150	250	50	150	250	150	50-250
Time (min)	30	30	30	30	30	30	Continuous time 10,20,30,45, 60,90min
Waveform	<u> </u>	<u>п</u> п		<u>п</u> п			<u>п</u> п
Suggested site for use							

For EMS programs:

For muscle stimulation (EMS), any of the 11 (P12-P22) programs is recommended to be used for muscle strains, massage muscles and restore muscle vitality. Start out slowly with low intensity levels. Increase intensity level and treatment time as you progress. Use the device regularly or for longer sessions to achieve benefits similar to passive "exercise".

Program	P12	P13	P14	P15
Mode	EMS	EMS	EMS	EMS
Preset/Manual	Р	Р	Р	Р
Frequency (Hz)	6	7	49	65
Pulse width (uS)	200	300	200	300
Time (min)	30	40	30	25
Waveform		п п п п п п п п п п п п п п п п п п п 	<u>п</u> п	п п
Suggested site for use			344	

Program	P16	P17	P18	P19	P20	P21	P22
Mode	EMS	EMS	EMS	EMS	EMS	EMS	EMS
Preset/Manual	Р	Р	Р	Р	Р	Р	М
Frequency (Hz)	5	75	85	12	5	40	1-120
Pulse width (uS)	300	200	100 400		200	200	50-400
Time (min)	30	30	30	30	30	25	Continuous time 10,20,30,45, 60,90min
Waveform	п п	п п п п п п п п п п п п п п п п п п п 	п п	п п	п п		<u>п</u> п
Suggested site for use		Signal Control of the		360			

For Massage programs:

For Massage, any of the 10 (P23-P32) programs may be used to relax anywhere anytime.

Gentle massage modes are preprogrammed into this device for bringing you ultimate relaxation.

Program	P23	P24	P25	P26
Mode	MASSAGE	MASSAGE	MASSAGE	MASSAGE
Preset/Manual	Р	Р	Р	Р
Frequency (Hz)	8	2	1	15
Pulse width (uS)	300	200	200	200
Time (min)	27	36	44	30
Waveform				
Suggested site for use				Topal Wash

Program	P27	P28	P29	P30	P31	P32
Mode	MASSAGE	MASSAGE	MASSAGE	MASSAGE	MASSAGE	MASSAGE
Preset/Manual	Р	Р	Р	Р	Р	Р
Frequency (Hz)	15	15	15	85	25	1
Pulse width (uS)	300	200	300	100	200	200
Time (min)	30	30	30	30	30	30
Waveform	п п п п п п п п п п п п п п п п п п п 	<u>п</u> п	<u> </u>	几	ㅁ	
Suggested site for use	Tour Marie				Sup Visit	

a. Steps to use pre-set modes

*Pre-set modes: P1-P10(TENS)&P12-P21(EMS)& P23-P32(Massage)



(1) Press P to select pre-set modes.

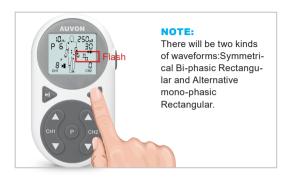


NOTE:

For your safety, the intensity level will default to "0" if the device is not set up properly.
When you adjust waveform or switch modes, the intensity level will default to "0".

(2) Press ▲/▼ to increas / decrease intensity.(60 intensities)

.



(3) Press MENU to make waveform flashing.

* Π Symmetrical Bi- Π Alternative monophasic Rectangular phasic rectangular



(4) Only press CH2 ▲/▼ to select waveform.

- * P30 and P31 only have one waveform.
 - ☐ Alternative monophasic rectangular

b. Steps to use manual modes

*Manual modes: P11(TENS)&P22(EMS)



(1) If want to use manual modes of TENS, press P to select manual modes to P11.



NOTE:

For your safety, when changing any parameters such as pulse width, waveform, frequency or time, the intensity level will default to "0".

(2) Adjust the intensity of the channel used, simply press ▲/▼ to increase/decrease intensity of the corresponding channel. (60 intensities)



(3) Press MENU to make time flashing.



NOTE:

Select among continuous time 10,20,30,45,60 or 90 minutes. When select to continuous time, TIME will be displayed [as picture shows.

(4) Press▲/▼ to select times (including continuous time).

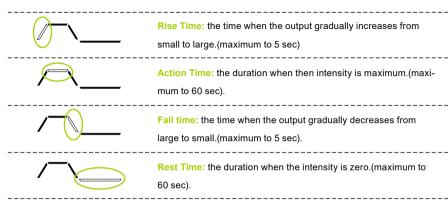


(5) Repeat press MENU again to set up waveform, frequency,pulse width by pressing CH2 $\blacktriangle/\blacktriangledown$.

*	Symme phasic f			*	П	П		 ative	 		



(6) If you want to select manual modes of EMS, press P to adjust program to P22 and just repeat above steps of P11 to get started. Besides, P22 has 4 more adjustable parameters, they are rise time, action time, fall time and rest time.



NOTE:

Frequency range of manual modes: 1-10Hz,12,14,16,18,20,25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100,110,120,130,140,150 Hz(P11&P22).

Pulse width of manual modes: $50\sim250\mu s(P11)$, $50-400\mu s(P22)$.

8. OTHER FEATURES

- 1. The intensity will immediately down to zero and keep flashing if the unit is not properly connected to the body.
- 2. When the output intensity level of CH1 and CH2 is over 0, the corresponding output sockets of CH1/CH2 will light up. Once the open circuit happened, the corresponding output sockets will light off after 5 seconds.
- 3.After switch on, if no keys are pressed in 10 seconds, the LCD backlit will turn off automatically.Press any key to light up the LCD again.
- 4.The treatment time will be accumulative recorded when the output level is above zero, by pressing and holding the key "MENU" and ▼ of CH2 for 3 seconds, the treatment time accumulated in minute can be displayed. By pressing and holding the key "MENU" and ▼ of CH1 for 3 seconds to clear the treatment time to zero.

9. STORE PROPERLY AFTER USE

a. After Use

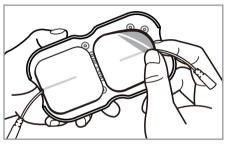
Always ensure that the unit is switched OFF before removing the electrodes. After use, return the electrodes to the clear plastic shields. There is no need to separate the leads from the electrodes.

b. Use TENS Pads Holder

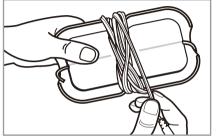


The shape of salient point designed specially to lessen damage to the patches.

Instruction



Step 1 Stick the electrode patches on the holder to avoid getting dust.



Step 2 Wind the thread around the holder for easy use as the picture shown.

10.Trouble Shooting

Always check the unit and accessories before use to prevent damage and defects.

If this happens	Cause	Try this solution
Device doesn't turn on.	Batteries are not detected or expired.	Replace batteries.
The device turns one and then off again.	Batteries are not detected or expired.	1.Re-insert batteries according to instructions. 2.Or replace batteries.
The device turns on, but intensity cannot be increased beyond "1" for extended period. Auto intensity reset safety feature is initiated.	System is not set-up properly or resistance to pads is not detected by device.	1. Connect lead wires to device, electrodes to lead wires, and place on body part. 2 small or 1 XL electrode pad per channel is required. 2. Replace used electrode pads. The quality of the gel may be diminished.

If this happens	Cause	Try this solution
The device turns on,but does not generate electric pulses.	1.Lead wires or electrode pads are broken or disconnected. 2.Treatment time expired.	Replace/reconnect lead wires. Ensure lead wires are properly seated in CH1/CH2. Switch the device to the OFF position and then power ON.
Intensity goes to "0".		The intensity will go to "0" if any of adjustment on any parameters are changed, such as change on time, waveform, frequency, pulse width,etc.
The device doesn't turn on even though new batteries are installed.	System is not set-up properly or resistance to pads is not detected by device.	Contact our customer service at support@iauvon.com.

DISPOSAL

Follow all laws and regulations regarding the proper disposal of batteries and electronic devices that are relevant in your area. Consult your municipal authority or your dealer for information about proper disposal.

CUSTOMER SERVICE

- 12-Month Limited Warranty
- Lifetime Technical Support

Warranty Extension: Register with AUVON®, you could have 12 Months Free warranty extension This is in addition to our normal 12 month warranty giving you 24 full months of protection for your AUVON® products!

