

6. Troubleshooting

Fault phenomenon	Check items	Solutions
Unable to turn on	Whether the host battery is low	Please charge if the battery is low
	Whether the charging is normal	After the correct connection, the charging indicator light is always on
Unable to charging	Whether the charging connection is correct	After the correct connection, the charging indicator light is always on
Shows normal, no response or no feeling	Whether the wire is connected correctly	Check the wire conection
	Whether the electrode is properly touching the skin	Check whether there is a partition between the electrode and the skin
	Whether the intensity is adjusted normally	Check whether it has been adjusted to the proper intensity
	Whether to turn on the output	Check whether the output has been turned on

7. Cleaning and maintenance

- When cleaning the device, please wipe it with a soft cloth or towel moistened with a little water, not with volatile objects.
- When cleaning the ear clip of the product, please use medical alcohol to wipe and disinfect.
- When storing the product for a long time, please fully charge the battery of the device in advance.
- Please keep in a dry and ventilated place.
- Do not store in a place exposed to direct sunlight, high temperature, or humidity.

8. Technical parameters and specifications

Product name : CES insomnia relief device  
Model No. : Mini3  
Power supply : 5V DC 1100mA  
Input power : 3W  
Lithium battery : 3.7V DC 1000mAh  
Charging time : 1-2 hour  
Pulse frequency : 0.8-1.2Hz  
Pulse width : 200-1100ms  
Pulse shape : square wave

9. After-sales and maintenance

This certificate is used after purchasing the device, when after-sales maintenance service is required, please keep it properly.  
After-sales maintenance service rules as below :  
1.Please read the product manual carefully before use and fill in the warranty card.  
2.Under normal conditions, you can enjoy a free warranty within one year with this guarantee.  
3.Repairs and man-made damages to products beyond the warranty period will be charged for material costs and freight.In one of the following situations, the company does not provide free warranty, but can provide full charge for repairs according to the consumers requirement.

- Consumers damage the product due to improper use and maintenance.
- Without warranty card certificate and valid invoice.
- The warranty card model No. does not match the repaired product model or altered.
- Damaged due to force majeure.
- After-sales service hotline: 400-875-9808

10. Warranty card ( Saved by the customer )

Dear customers :  
Thank you for using our products. In order to better serve you, please fill in the following carefully :  
Product name : CES Insomnia Relief Devices  
Model No. : Mini3  
Warranty period :  
Free warranty for one year of the host from the date of purchase  
The quality guarantee period of other consumables and wires is three months  
Factory code : \_\_\_\_\_  
Customer name : \_\_\_\_\_  
Contact address : \_\_\_\_\_  
Tel : \_\_\_\_\_  
Purchasing address : \_\_\_\_\_  
Purchasing date : \_\_\_\_\_  
After-sales and warranty service company: Shenzhen Sorosis Intelligent Technology Co., Ltd  
After-sales and maintenance address: Building B, Junsd Science and Technology Park, Watch Base, Matian Street, Guangming District, Shenzhen City, China  
Tell : 86-755-83789006  
Hot line : 400-875-9808  
Post code : 518106

Warranty card ( Ship with product )

Dear customers :  
Thank you for using our products. In order to better serve you, please fill in the following carefully :  
Product name : CES Insomnia Relief Devices  
Model No. : Mini3  
Warranty period :  
Free warranty for one year of the host from the date of purchase  
The quality guarantee period of other consumables and wires is three months  
Factory code : \_\_\_\_\_  
Customer name : \_\_\_\_\_  
Contact address : \_\_\_\_\_  
Tel : \_\_\_\_\_  
Purchasing address : \_\_\_\_\_  
Purchasing date : \_\_\_\_\_  
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Tell : 86-755-83789006  
Hot line : 400-875-9808  
Post code : 518106

Tips : Please scan this page and mail it with the product



使用手册

INSTRUCTION  
MANUAL

Mini3  
CES Insomnia Relief Devices

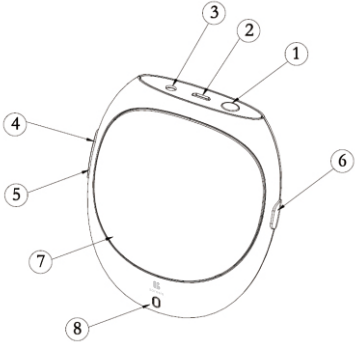
1. Product introduction

This product uses Cranial Electrotherapy Stimulation (CES for short), which generates CES biphasic pulse combined waveform micro currents, and uses micro currents to electrically stimulate the brain, thereby changing the abnormal brain waves in the brain. It is non-invasive, easy to operate, accurate and reliable in positioning. At the same time, it can promote the brain to secrete a series of neurotransmitters and hormones related to sleep aid to achieve the effect of assisting sleep.

2. Product configuration 3. Product structure

- This product includes:

  - host
  - ear clip
  - ear clip wire
  - TYPE-C charging cable
  - conductive liquid
  - cotton paster
  - instruction manual
  - warranty card
  - certificate.
- ①Power button/output on-off key
  - ②Power interface
  - ③Pulse output interface
  - ④Intensity increase button/parameter selection button
  - ⑤Intensity reduction button/parameter selection button
  - ⑥Set-up button
  - ⑦Display
  - ⑧Charging indicator



4. Operation and Use instructions

- ①Use of accessories
  - Ear clip wire is used to connect the ear clip and the pulse output interface of the host.
  - Before use, please check whether the ear clip wire, ear clip and host are properly connected.
  - Before use, please take out the cotton patch ,and stick it on the surface directly opposite to the ear clip electrode.Use conductive liquid to drop a few drops of normal saline or water on the cotton patch to make it wet enough.
  - When using, the ear clip should clamp both earlobes of the user at the same time, so that the electrode is close to the skin.
- ②Charging operation
  - Plug the TYPE-C charger cable to the 5V DC power supply, and the USB connector to the host. After the power supply is properly connected, the charging indicator will be on.
- ③Function operation

- Power on: Long press the power button to power on, the screen will light up. At this time, the screen interface displays: the default time is 20 minutes, and the intensity is 0%.
  - Time setting: Short press the setting button on the right side to select the time.
  - After selecting the time, tap the power button to start the sleep aid mode.
  - After the sleep aid mode is turned on, tap the ‘+’ and ‘-’ on the left to adjust the intensity.
- We recommend increasing the intensity from low to high for the first time. The strength of the micro-current pulse can be adjusted according to the degree of personal adaptation.
- There is a common phenomenon that a slight tingling sensation of earlobe or head dizziness during use, it also shows that the physical stimulation of CES is working, and it can be relieved by reducing the intensity.
- Automatic power saving mode: the device will automatically go to sleep mode if there is no operation for 5 minutes, and it will automatically power-off if there is no operation for 10 minutes.
  - Low battery protection function: When the device is in a low battery state, the screen displays a low battery prompt, and automatically power-off after ten seconds.
  - Power display: The current battery level will be showed on the screen. When the power is insufficient, please charge the device according to the above charging operation.
  - Power-off: Long press the power button to power-off.
- ④Operation suggestions
- The usage time should not exceed one hour, and the time between two users should be at least one hour or more apart.
  - Everytime for use, please set up the time mode first, and then press the power button to confirm, and finally press ‘+’, ‘-’ on the left side to increase or decrease the intensity.

- When using the sleep device, the ear clips should clamp both earlobes of the user at the same time, so that the electrode is attached to the skin, and then the intensity is adjusted to a suitable intensity.
5. Precautions
- Do not use it with other electronic devices, such as pacemakers, artificial heart-lungs, electrocardiographs and other medical devices, otherwise it will cause danger.
  - Pregnant women, people with sensitive skin, heart disease, abnormal blood pressure, malignant tumors, patients with cerebrovascular disease, patients with acute diseases or other people undergoing treatment, must consult a doctor before using this product.
  - Do not use for children or people who are not capable of expressing consciousness.
  - Do not use while driving.
  - Keep the device away from electromagnetic interference, please do not use the phone when using the device.
  - If you feel unwell during use, please stop using it immediately.
  - If there is a slight tingling sensation of earlobes, it can be relieved by reducing the intensity.
  - If the device is damaged, please stop using it and ask a professional to repair it.
  - It is forbidden to disassemble and assemble this product privately,avoid collisions and water ingress, so as not to cause malfunctions.
  - Do not wash this product with water.
  - The accessory wires and ear clips of this product can only be used with the host, do not interconnect with other devicesnly be used with the host, do not interconnect with other devices.

Shenzhen Sorosis Technology Co., Ltd.

Address: Building B,Junsd Science and Technology Park,Watch Base,Matian Street,Guangming District,Shenzhen City,China  
Postcode: 518106  
General: 400-875-9808  
Fax: 0755-25324292  
Web: www.szsangguo.com

Federal Communications Commission (FCC) Statement. 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. 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.

Warning: Changes or modifications made to this device not expressly approved by **Rhemel**

**(Shenzhen) E-Commerce Co., Ltd.** may void the FCC authorization to operate this

device. Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**RF exposure statement:**

The device complies with RF exposure requirements and can be installed and used without restriction.