

Product parameters

Product name	Infrared LED Photobiomodulation helmet		
Model Number	GY-PDT1	Wavelength	810nm
Led numbers	256/pcs	Power	50mw/pc
Total power	15W	Optical power	24mw/cm2
Input voltage	100-240V	Work voltage	5V===6A
Input current	800mA	Frequency	0-20000Hz

After-sales service guarantee card

- This product is guaranteed for one year free service under normal use. If the warranty period is exceeded, a certain part cost will be charged.
- If you need to replace the parts, please charge according to the company's service parts repair price list.
- When the product is returned to the factory for repair, the repair product should be properly packaged at the time of repair, so as not to cause damage during transportation.
- Even in warranty period, Our company will charge for the service in following cases:
 1. Failure or damage caused by natural disasters, rat disasters, or improper use.
 2. Failure or damage caused by transportation, falling, improper storage, etc. after purchase.
 3. The information record is incomplete, not filled in the purchase date, and there is no seal of the store.
 4. Special environment does not guarantee, such as wet, sulfur area, high salt on the seashore and corrosive areas such as ships.
 5. Not use according to the user manual.

Helmet and adapter use precautions

Please read the following notes carefully beforehand

- Please use the special transformer and power adapter produced by the manufacturer to ensure the normal operation of the product.
- Do not place the product in direct sunlight or near flammable materials.
- Prohibit hot plug
- Do not disassemble it yourself to avoid electric shock.
- Do not scrub with an acidic or alkaline cleaner.
- Do not use the product under the condition of high temperature or high humidity
- Disconnect the power and unplug the power adapter when you are not using the product or when you are absent.
- Do not use the power cord for knotting, bundling, etc., and do not use when the outer skin is damaged.
- Do not use the multi-function adapter socket.
- Make sure the power outlet meets manufacturer's specifications
- In the following situations, please unplug the power cord and stop using it.
 - * When the product and power adapter are wet or drenched.
 - * Safety factors such as smoke and sparks occur on the line.
 - *When the power cord or power plug is damaged or broken.
(If you have any questions, please contact the after-sales customer service staff)
- The company is not responsible for product failure caused by self-assembly and disassembly of the product.

Note:For your safety and avoiding accidents, please follow the above precautions. Our company does not bear any responsibility for the damage or any accidents caused by improper use.



Infrared LED Photobiomodulation helmet



Please read the instructions carefully before using the product.

Shenzhen Guangyang Zhongkang Technology Co.,Ltd

+86-13631598551

www.suyzeko.com

3rd Floor, Building N, Innovation Silicon Valley Industrial Park,
17 Jingtian Road, Guanhu Street, Longhua District, Shenzhen



Infrared LED Photobiomodulation helmet

Instruction manual



*Please read this manual carefully and use it properly and keep it in a safe place.

Main Function

The near infrared helmet is a wellness instrument based on the principle of photobiomodulation. It has a positive effect on three types brain diseases: traumatic events(stroke, traumatic brain injury, global ischemia), degenerative diseases (dementia, Alzheimer's and Parkinson's), and psychiatric disorders (depression, anxiety, post traumatic stress disorder).

- *Open heat-gated ion channels and modulate the transcription factors
- *Improves cytochrome c oxidase function in mitochondria
- *Enhance neuroprotective proteins and growth factors
- *Increases active oxygen content inside the brain
- *Promotes cerebral ATP energy production
- *Accelerate intracranial blood flow

Treatment Recommendations

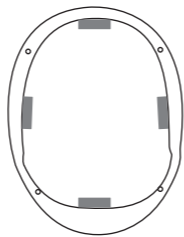
For long-term chronic diseases, such as degenerative diseases, the recommended course of treatment is 3-6 months.

For short-term symptoms, such as concussion, migraine, depression, etc., the recommended course of treatment is 1-3 months.

According to the severity of the patient's symptoms, use 4-6 times a week, 1-2 times a day. At the beginning of the treatment, it is recommended to give the patient a process of adaptation. About the power intensity and time, you can start from 25% , 12 minutes. Gradually increase the power intensity and time step by step. After a adaptation period, can use 75-100% intensity for 24-30 minutes.

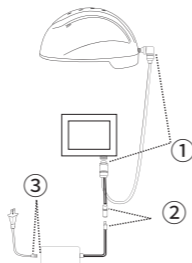
Installation and Operation

Take out the helmet, power adapter, control box, fixation sponges, connection cables from the handbag. Stick the sponges inside helmet.



■ sponges

1. Connect the helmet, power adapter, control box. Pic.①



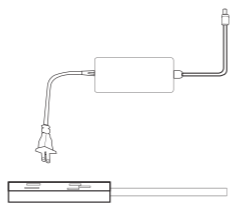
(Pic①)

2.Put the helmet on the head and sit on a comfortable place. Pic.②



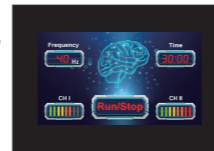
(Pic②)

3.Connect the power. Pic.③



(Pic③)

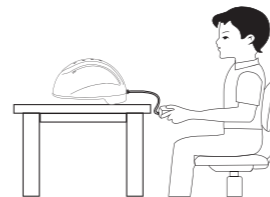
4.Adjust the suitable power, frequency and time, then press Run/Stop button to start treatment. Pic.④



(Pic④)

(Note: When the power is adjusted to 100%, the near-infrared light is a continuous wave with full power, so there is no frequency and no flicker)

5.After the time is over, put off the helmet, then disconnect the power. Pic.⑤



(Pic⑤)

Note: Do not plug and unplug under power

Packing List

Helmet	1	Fixation sponges	1
Handbag	1	Instruction manual	1
Power adapter	1	Connection cables	1
Control box	1		

Accessories



Control Box Function

Frequency setting

Time setting



CH I Adjustment intensity display

Pause /start

CH II Adjustment intensity display

CH I corresponds to adjust 1/3 intensity
CH II corresponds to adjust 2/4 intensity

