

# User Manual

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## Laser Cap

## SECURITY CONSIDERATION

- (1) When using the cap, do not look directly at the laser source to prevent discomfort from your eyes.
- (2) Operators must be familiar with and master the safety requirements and operation procedures of the hair growth cap.
- (3) When irradiating the treatment area, please do not stay in a certain area for a long time. If you feel any fever or discomfort, please move the irradiation slowly.
- (4) Improper use or adjustment of this machine may invalidate your support services.
- (5) Be sure to keep this product away from Children.
- (6) During the use of the device, collision and hit shall be prevented.
- (7) The device shall not be disassembled by yourself, and large area of metal objects shall not be irradiated at close range.
- (8) Please do not use the device in the environment of explosive anesthetics or other inflammables.
- (9) Do not point the light probes beyond the treatment area.
- (10) Laser irradiation may interfere with the work of the pace maker. It is not recommended that patients wear the pace maker to use it.
- (11) After use, a small number of people with thirst, dry eyes, rapid pulse, even dizziness and other symptoms should stop treatment. Observe for a period of time, if the symptoms disappear, continue treatment, if there is still above symptoms, stop treatment.
- (12) Please follow the doctor's advice before using.



Please read this manual carefully before use to ensure that you can fully understand all functions of this instrument and ensure safe use.

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## HAIR GROWTH PRINCIPLE AND PROCESS

### PRINCIPLE

#### 1. Accelerate the Blood Circulation of the Scalp and Promotes Metabolism.

The wavelength of laser 650nm can increase the blood circulation of the forehead part by 20%--30 %, and the top part of the head can be as high as 40%--60 %. The blood circulation is improved so that oxygen and nutrients can be sent to the hair follicles to achieve the effect of preventing hair loss.

#### 2. Stimulate Hair Follicles

650nm laser effectively stimulates hair follicles, and can activate 83% of the hair follicles in the hibernation state into the active phase, reducing hair loss and regenerating hair.

#### 3. Regulate oil secretion

Excessive sebum secretion is also the cause of hair loss. Excessive sebum secretion is caused by the swelling of billions of skin lines, and the dioxin (DHT) contained in the oil will shrink the hair follicles and eventually lead to hair loss.

## HAIR GROWTH PRINCIPLE AND PROCESS

### PRINCIPLE

1. Sebum secretion levels return to normal. Compared to previous greasy hair, sebum levels return to normal (2-4 weeks)
2. Hair loss decreased. Use 1-3 months to see a significant reduction in hair loss, hair roots are firm. (4-12 weeks)
3. Activate 50 % of resting hair follicles. Use 3-5 months will find that hair loss basically stopped, and a large number of rapid growth period of hair follicles, hair follicle root can be seen new hair. (12-20 weeks)
4. Hair loss improves a grade 5-7 months, can obviously feel the regeneration of hair volume increased significantly. (20-28 weeks)

### THE SCOPE OF PRODUCTS

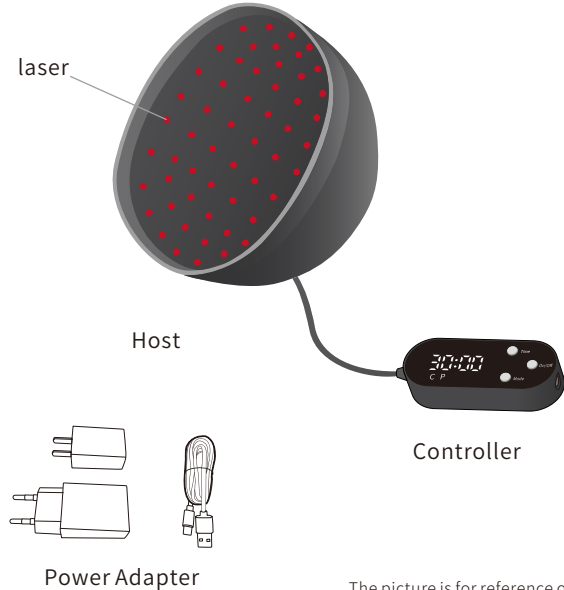
The Hair Growth cap is suitable for seborrheic alopecia, stress alopecia, alopecia areata, postpartum alopecia, repair after hair transplantation, both men and women.

# MAIN TECHNICAL SPECIFICATION

**Laser Medium:** GaAlAs Semiconductor  
**Number of laser diodes:** 118pcs laser  
**Wavelength:** 650nm  
**Voltage:** 100-240V  
**Working Mode:** continuous or pulse working  
**Time:** 15mins or 30mins adjustable  
**Environment temperature:** 5C~40°C  
**Relative humidity:** ≤80%  
**Atmospheric pressure:** 86Kpa~106Kpa  
**Lifespan:** 6000 hours

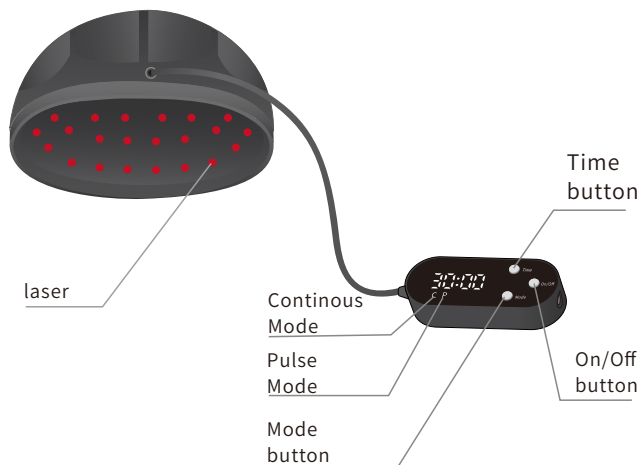
# MAIN STRUCTURE

This apparatus consists of a host, a controller and a power supply system



The picture is for reference only,  
please refer to the actual product

## PARTS



## OPERATING INSTRUCTIONS

### PREPARATION BEFORE USE

1. Plug the power adapter into an utility power outlet and make sure the connection is secure.
2. Insert the other end of the power adapter DC plug in to the controller , and make sure the connection is secure and firm.

### TURN ON

Press the "ON/OFF" button of the control box for 3 seconds, and at the same time, a beeping sound of "di" will sound ,and the display screen of the control box will light up and display the working time. The default working time is 30minutes when the machine is turned on.

### TIME SETTING

Press the "Time" key to set the working time of the host, and the working time can be adjusted at 15 and 30 minutes

### ON/OFF TRANSITION SETTINGS

Press the "ON/OFF" key to control the start or pause of the output function of the light probe of the host. When the controller is in the starting working state, the display time will be displayed in a countdown manner.

## OPERATING INSTRUCTIONS

### MODE SETTINGS

Press the Mode key to control and set the output status of the light probe, and the corresponding status icon (C or P) in the controller will light up.

### END OF TREATMENT AND SHUTDoWN






When the treatment time is up, the main unit will make a beep to indicate the end of the treatment; if you need to turn off the main unit, long press the "switch" button to turn off the control box. After shutting down, if it will not be used in a short period of time, it is recommended to disconnect the power cord and related wires, and organize the storage.

## OPERATING INSTRUCTIONS

### HOW TO USE:

The recommended treatment time is 30 minutes , twice a day (morning and evening). It is recommended to drink 250ml of warm water before/after each treatment.

### SIGN

	Up		No Rain
	Fragile		Type-B
	Caution		

## CONTRAINDICATIONS

- 1.Light sensitive patients
- 2.Pregnant women, young children use with caution under the guidance of a doctor
- 3.Patients with cerebral hemorrhage

## TROUBLE-SHOOTING INSTRUCTIONS

Faults	Causes	Solutions
A. When the on/off button is pressed for a long time, the controller does not light up or does not work	1.Whe the power socket is in good contact. 2.The switch button is damaged	1.Ensure that the power socket and the DC plug are connected 2.The switch button is damaged and needs to be returned to the factory for repair
B. No laser Light	Laser source driver failure	Factory Repair

## MAINTENANCE AND STORAGE METHODS

- (1) If the device broke down, please check and exclude the cause according to "Trouble-shooting instructions". If the problems can't be solved, please contact the nearest authorized service provider. Don't disassemble or repair.
- (2) Please use cotton soaked in neutral cleaning fluid to clean the dirty surface of the device. Don't use organic solvents, gas to clean.
- (3) The device shall be kept clean and sanitary , and shall not be broken or bent excessively, and shall be properly kept when not in use. Handle with care to avoid falling and collision.
- (4) Please use cotton soaked in alcohol to gently clean light emitting ports or probes. Strictly forbid using any liquid to soak or hard objects to dig.
- (5) Please keep the device away from humidity, high temperature and direct exposure to sunlight to avoid internal components aging to reduce the lifetime.
- (6) Please do not place the device together with hard objects to avoid scratches on its surface or damage to machine.

## TRANSPORTATION AND STORAGE

General transportation tools are allowed, but strong shocks, vibration, snow and rain splash should be avoided in transportation process. The packed device shall be stored in the room lower than 80 % relative humidity and without corrosive gas and well-ventilation.

# WARRANTY

## Dear Clients:

Thanks for purchasing our product. Customer's satisfaction is our only service philosophy. To protect your legal rights and remove your future worries, we hereby make the following commitments and accordingly provide you the perfect after-sales services.

### 1.Exchange or Warranty:

- (1) The host can be replaced for free in the case of quality problems under normal use within one year since purchasing date.
- (2) We provide free maintenance services after warranty period, however material costs will be charged as appropriate.

### 2.We will charge some maintenance fees for the followings:

- (1) Damages caused by improper operation or mistakes.
- (2) Breakdowns caused by self-disassembling.
- (3) Materials fees shall be charged as appropriate over warranty period.
- (4) Breakdowns or damages caused by accidents or human activities (scratches, soaking or unauthorized replacement of parts).
- (5) Damages caused by natural disasters.
- (6) The damage of shell, manual, packaging and other accessories.

# PRODUCT LIST

Host	-----	1pc
Controller	-----	1pc
Power Adapter	-----	1pc
User Manual	-----	1pc