

# User's Manual

Ultrasound Skin Stimulator

Dinabeau

Thank you very much for buying  
Please, use correctly after understanding contents enough

# User's Manual

Dinabeau

**Ultrasound Skin Stimulator  
(Battery Rechargeable)**

**(Dinabeau helps excrete waste matter from the skin tissue and  
expedites the penetration of a variety of skin therapeutic material(e.g.  
Gel, Massage cream, Functional cosmetics, Vitamin C, etc.)**

**All system functions controlled by Micro-computer**

**UFE(Ultrasound Field Effect) Theory**

**Twin Head(sensor)**

**Battery Rechargeable**

**Duplex Safety system (Automatic cut-off, a Time limit)**

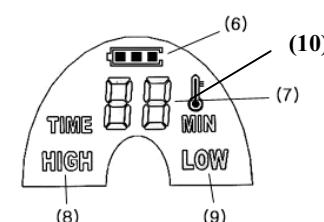
**High Effectiveness in curved region due to small-sized sensors**

**LCD Display**

**Be used even while recharging**

**Biocompatible Design**

**Rubber handling pad**

**Function****Part Name****Usage****Effects****Introduction of product****Constituent****Features****Massage method****Facial massage****Body massage****Caution****Maintenance****Effective battery using method****Caution****Symptom of error and treatment****Specification****A/S center**

1. Ultrasonic sensor  
Twin ultrasonic sensors generate 1MHz micro vibration
2. LCD panel  
Shows operating and battery storage status, the lapse of time and the temperature indicator.
3. Operation button  
Operates in turns of ON-Low-High-OFF by pushing.
4. Pad  
It is made by smooth and frictional material in order not to cause slipping.
5. Connecting part with D/C adapter
6. Battery state bars (■■■)  
Charging status bar indicates 3 steps of charging status and it stops flickering when fully charged.
7. The lapse of time  
Dinabeau is set up at 15 minutes in Low mode and 10 minutes in High mode. The time decreases in using and it doesn't matter if you stop during operation.
8. Strong massage(High mode)  
Used to get the effect in a short time or in case of non-sensitive and thick keratin skin.
9. Soft massage(Low mode)  
Used in the beginning treatment or sensitive and weak skin.
10. Temperature Display  
If over-heating happens on sensor or battery part, this device is switched off automatically after temperature display is flickered for 10 seconds. If temperature become down, you can use it again.

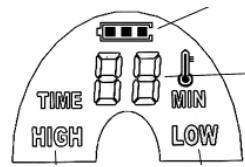
## Usage

### Charging

1. It starts charging when the connector terminal which is on the bottom of the main body is connected to the adapter(home) or the the input jack(car).
2. It starts charging when charge mark(  ) is flickering.
3. It stops battery mark from flickering when charge is complete.

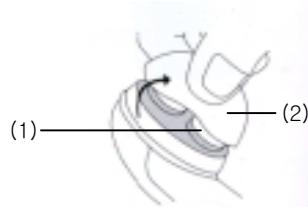
### Mark of charge capacity

1. It indicates capacity of battery(  ).
2. It consists of three steps and when it is completed, flickering is stopped.
3. When battery is discharged completely, alarm is ringing for recharge



### Removal of head cap

1. Pull up after griping narrow part of both sides of cap
2. Use after removing blue protective tape on each sensor



### Using method of operation button

1. It is operated in Low mode when pushing a button.
2. It is operated in High mode when pushing the button twice.
3. It stops operating when pushing the button three times.

## Usage

### Soft massage

1. This mode begins operating when pushing a button.
2. You can use it after applying some gel or massage cream(to the skin or the sensors).
3. This mode is used for long-term treatments.

### Strong massage

1. This mode begins operating when pushing a button twice.
2. You can use it after applying some gel or massage cream(to the skin or the sensors).
3. This mode is used when the expected results are wanted to appear within a short period.

### Mount of head cap

1. Put the head cap on, gripping both narrow sides



### Charging and using time

1. If AC power supply is low, it may take longer to fully charge a battery.
2. Please charge at room temperature, always.
3. It is recommended to charge a battery for about 14 hours when charged for the first time so that you can use the battery long.
4. From the 2<sup>nd</sup> charge on, you have only to charge a battery for 2~3 hours.
5. Using time after charge is about 60 ~70 minute at High mode, 130~140 minutes at Low mode. It depends on a battery condition.

## Effects

The aesthetic effects of Ultrasound treatments have been verified by authorized facilities in Japan, through various kinds of clinical experiments for years, and it is now creating a great sensation by its superior effects on skin management and body-shape improvement.

## Safety

Ultrasound is a sound wave with high frequency, which a human-being cannot hear. It's been proved that Ultrasound is so safe that it is widely used in the fields of Obstetrics and Internal medicine.

## Necessity

The moderns are exposed to polluted air and UV, and such environmental factors cause fine wrinkles, dark spots, etc. Furthermore, Continuous stresses and irregularity in life result in partial corpulence. Ultrasonic treatment is an excellent solutions to these kinds of symptoms.

## Effects

Ultrasound helps remove stratum corneum(dead cells) from the skin tissue, and moisturizes and smoothens the skin, And also it activates skin cells by stimulating the skin tissue. As a result, you will find your skin elastic and clean

## Effects

### Circulation of blood

### Prevention of skin senility

Ultrasound is transmitted to deep subcutaneous tissue (3~5cm) in skin, activates blood flow.

This blood flow make effect to capillaries and period of replacement of cells is near to 28 days. So fat component becomes easily dissolvable.

This is the effect of activating blood flow and is the basic factor of maintaining elastic and young skin.

### Increasing moisture

### Increasing elasticity of skin

Ultrasound vibration of a million per second activates deep area in skin tissue and increases interstitial fluid (water).

Increasing moisture helps recover elasticity and rejuvenation in skin

### Micro vibration, Thermal effect

### Partial diet

Variation of momentary pressure in deep cells repeats strong pressure and relaxation alternately and so, this speedy massage in deep area activates partial metabolism. Heats caused by momentary pressure and friction with high vibration dissolve fat components in body. So it also functions as a massager which reduces partial fat

### Treatment of each region

### Making Shape

You can remove partial unneeded partial fat and make a good shape.

You can get special improvement in discoloration., freckles, dark spots, pimples, which cannot be improved by other massages.

### Recovering function of cells

### Whitening effect

It can maintain skin balance by restoring function of the skin cellular tissue through continuous micro stimulus, and such a skin balance enables skin whitening effect.

## Constituent

**Main body**



**Head cap**



**Adapter**



## Features

### **Ultrasound Field Effect (UFE) Theory**

Ultrasound Field Effect(UFE) theory is an effect that happened by interference and reiteration with ultrasound which is generated in each sensor. Its significant advantage is that maximum effect can be acquired by minimum energy.

### **Two Ultrasonic Sensors**

2 small-sized sensors make it possible to transmit maximum massage effect even to curved region by interaction of each sensor, which a single sensor can't cover.

### **Controlled by Micro-processor**

It is possible to control all functions - on/off mode, charging mode, dual safety functions, etc. – through a built-in microcomputer.

### **Thermal Effect by heating**

Massage effect of ultrasound is increased by heating phenomenon of ultrasound which is generated by difference between mediums.

### **Safety function**

In case that too high heat is generated, the temperature sensor detects it and prevents heat from getting higher than the fixed temperature.

### **LCD display**

The lapse of time, battery condition and Low/High modes show on LCD.

## Features

### Rechargeable

It can not be recharged only by D/C adapter at home but also by the jack in the car (option).

### Design

Ergonomics design for easy handling

### Rubber pad for easy handling

Good rubber pad for minimized inconvenience.

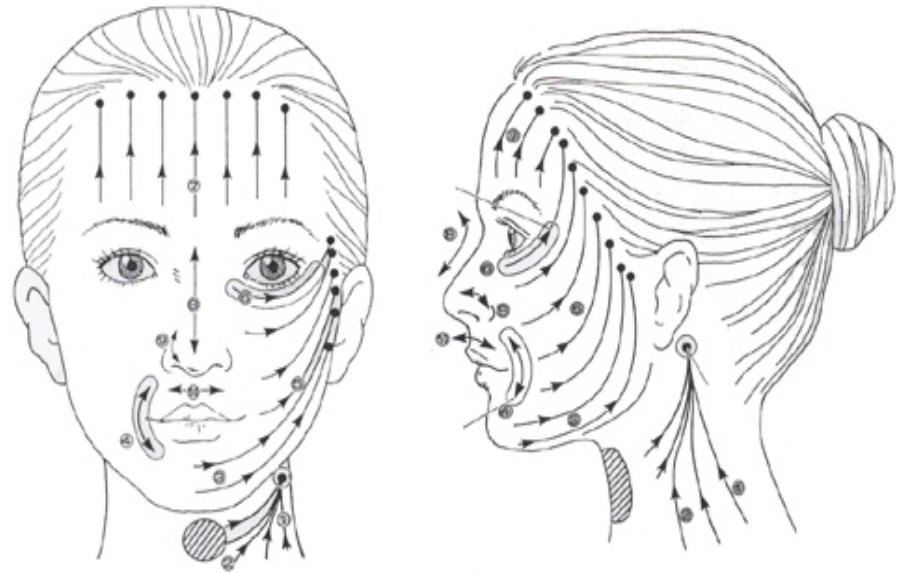
### LED display on the back

Red LED is located on the back, and so you can see the lamp "ON" during massaging.

## Face massage

- Contact ultrasound sensors with face and give a massage in numerical order in the following figure.

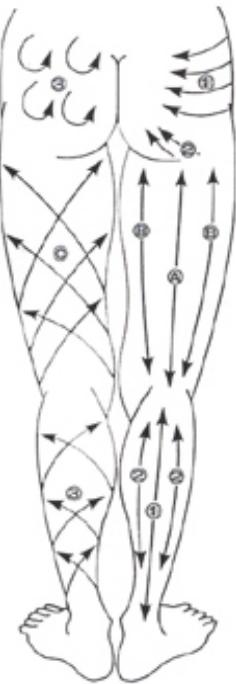
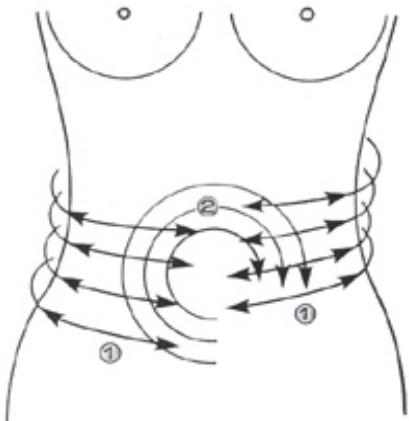
(Please use topical products(e.g. compatible gels, massage cream, functional cosmetics, vitamin C, etc.), before you use Dinabeau so as to get better results.



- Move slowly in each 2~3 cm.
- Big black spot is bronchus. So, don't massage this part.
- Other parts are muscle. So, move along an arrow
- Don't use on the eyes

## Body massage

- Contact ultrasound sensors with body and give a massage in numerical order in following figure.  
(Please use topical products(e.g. compatible gels, massage cream, functional cosmetics, vitamin C, etc.) before you use Dinabeau so as to get better results.



- Move along an arrow to get more effect.
- Don't use near heart.

## Caution on massage

### Caution

While massaging, be careful about the following

Don't let the massager stay too long at one region.

(Please, move the massager continuously.)

Don't use it on eyes, heart, bronchus.

Don't use it on cardiac patients, the pregnant, the old and the weak

Don't use it on an injury.

Please, shorten the massaging time when applied to the one whose skin is very weak and sensitive.

Too frequent use can cause a pain.

## Effective using method of battery

The life span and efficiency of a battery can vary according to how it is used.

This DinaBeau is portable and has rechargeable battery.

So, you can use it in a long time if you use it in the correct way as follows.

### When purchase or don't use in a long time

At first, the battery is discharged. So you must charge the battery for about 14 hours.

If you leave it unused for a long time, it can get discharged naturally. (After 50 days, it will be entirely discharged.)

### Life span of battery

Warranty: product - 1 year, batter – 6 months

In case you need to purchase another battery after this period, please contact our A/S center or Sales division

### keeping method

Please follow the instructions below for hygienic and long time use.

After treatment, wipe off remaining gel or massage cream on the ultrasonic sensors and main body using some tissue paper or cloth.

Put the head cap on so as to protect ultrasonic sensors

### keeping place

Don't keep the Dinabeau in following place.

- exposed to the direct rays of the sun
- humid and dusty
- where the temperature is too high

## Caution on using

### Caution on using

Before using, read user's manual and be careful about the following notice.

Don't use for any other purpose which is not mentioned in the manual.

Don't disassemble or make an impact on the device. It can cause any malfunction. In case there occurs such a malfunction due to the said cause, warranty is not valid.

Please, use the adapter included in the goods.

(It can cause a failure if you use a different adapter.)

It can cause a failure if the product gets wet.

If the adapter jack is polluted, charge operation will be abnormal.

Don't use this on the pregnant ladies and children..

If you have any trouble with the products, please call our A/S center on this manual.

Auto circuit breaker is built in Dinabeau. Therefore, in case there occurs too high temperature, operation is automatically discontinued. In this case, just wait for a while until the device can be used again.

## Troubleshooting

Symptom	Please, confirm
Cannot be recharged well	Wipe each connector of main body and D/C adapter
LCD display is not shown	Recharge the battery fully Use connected by D/C adapter
A little noise is made	A little noise can be made when ultrasound is transmitted. But This has nothing to do with capability of product. If such a noise is too loud, please our call A/S center.
There occurs some heat on Ultrasonic sensor	Basically a little heat can be occur during operation and this heat help skin massage. But, if such a heat is too high, this is a case when the sensors operates not contacting the massage region. In this case, after getting cold, massage the skin again, And the high heat won't be generated.

If you have the same symptoms continuously even after troubleshooting, call our A/S center or sales division, please.

## Specification

Electrical property		
Classification	Portable device	
Frequency	1MHz	
Output Power	Low mode : 0.2 W/cm <sup>2</sup>	High mode : 0.3 W/cm <sup>2</sup>
Temperature		-3 ~ 45°C
Consumption Power		9 W

Size & Weight		
Classification	Portable device	Adaptor
Weight	258 g	306 g
Size	210×50×35	82×52×92