



llexam



Intense Pulsed Light Device

MXIP-100

User Manual

Thank you for purchasing Maxell product. Please read the user manual in advance and use the product safely.

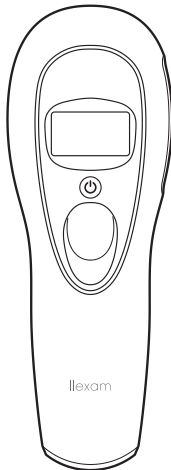


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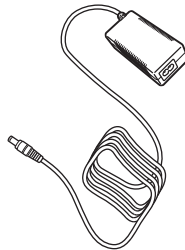
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1 Content of the package

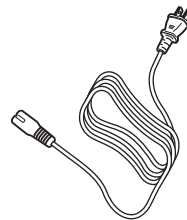
Main Unit



Power Adapter



Power Cable



User Manual

Color Chart

2 Introduction

About the user manual

- Contents of this user manual might be changed in the future without prior notice.
- For product improvement, change of appearance or specification might not be announced in advance.
- Except for personal use, any unauthorized copying of part or all parts of this manual is prohibited. Unauthorized republication is strictly prohibited.

Disclaimer

- Maxell shall not be responsible for any damage caused by fires, earthquakes, action of a third party, any accidents, intended or unintended misuse or other usage under abnormal conditions.
- All explicit and implicit contents not stated in the warranty card are not covered.
- Maxell shall not be responsible for failure due to any damage caused by usage other than described in the instruction manual.
- This product is not being designed to be any equipment or device which could be concerned with human life such as medical device, nuclear device, astronomic device, transportation device etc., nor equipment or devices which requires high reliability. In case this product is used for the above equipment and/or systems, Maxell do not responsible for any injuries or fire accident cause by the failure of this product.

3 Safety Precaution

Please strictly follow and use safely.



Danger

Danger refers to misuse which might lead to death or serious injury^{*1} to a high degree.



Warning

Warning refers to misuse which might lead to death or serious injury^{*1}.



Caution

Caution refers to misuse which might lead to injury^{*2} or damage^{*3}.

*1: Serious injury refers to blindness or injuries, burnt, electric shock, bone fracture, poisoned or injury with after-effect, or resulted in hospitalization or long-term follow-up consultation.

*2: Injury refers to burnt, electric shock which do not result in hospitalization or long-term follow-up consultation.

*3: Damages refers broad damages to houses or properties and domestic animals/pets.

Example of symbols		Prohibited actions when handling the product. The shape of  graphic symbol that indicates specific notes is shown in black.
		Caution to fire, explosion, high temperature when handling the product. The shape of  graphic symbol that indicates specific notes is shown in black.
		instruction which must be followed when handling the product. The shape of  graphic symbol that indicates specific notes is shown in black.


Danger

Those who use electric medical devices implanted in the body such as pacemakers should keep the main unit away from these medical devices

It may cause an accident or poor physical condition.




Warning

The following people do not use this device

- Person being treated by a doctor •People under 18 •Pregnant or menstruating •Skin perception disorders • People with fever. •Person with allergies, person who is prone to rashes caused by cosmetics, clothing, metals, etc •People with acute diseases, tuberculosis, infectious, malignant tumours, etc. •Person with allergies, dermatitis, eczema, herpes and other skin diseases •Person whose skin is sensitive to sunlight •Those who cannot express their intentions •People who are recently consumed alcohol.



It may cause accidents or physical deterioration.

Do not use in the following areas

- Sunburned skin •Dark spots, such as freckles, stains and black moles •Scabs, cuts, rashes, bruises, warts, pimples, rashes, insect bites •Skin cancer, ringworm, folliculitis, varicose veins •Hemangiomas •Cosmetic surgery area •Around eyes, eyebrows, lips, neck, abdomen (female only), genital parts, back •Tattoos, and permanent make-up •On make-up



It may cause an accident or skin trouble.

Do not use over the area that had peeling treatment.		If you are taking medication continuously, please consult your doctor before use.	
It may cause skin trouble.		It may cause accidents or physical deterioration.	
Do not use directly on eyes		Store in a place out of reach of children	
It may damage your eyes.		It may cause burn, electric shock or injury.	
Do not irradiate on hair or clothes			
It may cause burn or deformation.			
Do not use perfume or make-up products immediately after the treatment. (Excluding cream or lotion for moisturizing)			
It may cause skin trouble.			
If an abnormality occurs, immediately stop using and disconnect the power plug			
It may cause smoke, fire, electric shock or injury.			
Do not modify, disassemble or repair			
It may cause smoke, electric shock or injury.			
Plug the AC adaptor to AC outlet firmly			
Partially plugged AC adaptor may cause to fire or electric shock.			
Do not use loose plugs			
It may cause electric shock, short circuit or fire.			
Do not use any voltage other than the specified power supply voltage		Do not damage, forcibly bend, twist, put heavy objects on, pinch, bundle, or modify the power cable and power adapter	
This may cause electric shock or fire.		It may cause smoke or fire.	
The power input of the AC adaptor of this product is AC100~240.			



⚠ Warning

Do not cover the power adapter with a cloth or a cover
Heat will accumulate and cause deformation of the case, fire or electric shock.



Do not splash or soak in water
It may cause electric shock or malfunction.



Do not use a power adapter other than the provided power adapter
This may cause overheating, smoke, fire, malfunction or injury.



Do not use with wet hands
This may cause overheating, electric shock or malfunction.



Check whether the main unit is deformed, cracked or damaged before use.



Do not use the product in a humid place such as bathroom
This may cause overheating or malfunction.



Immediately stop use if the main unit dropped or damaged
Continuation of use may cause electric shock, fire or injury.



Do not use in a dark room
This may damage your eyes.



Do not look directly or let others look directly at the irradiation window
This may damage your eyes.



Do not block the air inlet or outlet ports
This may cause overheating, smoke, fire.



Do not use for any purpose other than that described in the instruction manual
This may cause malfunction, injury.



Do not use for pets
This may cause burns or injury.



Do not put into heating appliances such as microwave ovens or pressure cookers
This may cause smoke or fire.



When unplugging the power plug, always hold the plug without pulling the cable
It may cause electric shock, short circuit or fire.



Do not put into a fire
This may cause overheating, fire or leakage.



Always unplug the power plug from the power outlet when cleaning
It may cause electric shock.



Do not use or store near heating devices such as stoves
This may cause overheating or fire.



Do not place the product in direct sunlight or outdoor
This may cause malfunction.



Do not put into refrigerators
This may cause malfunction.



⚠ Caution

Do not use while wearing wet clothes
This may cause electric shock.



Do not irradiate the same site repeatedly
This may cause burn or injury



Do not touch the irradiated site during or immediately after use
This may cause burn



Do not use while wearing metal ornaments such as necklaces
This may cause malfunction or burn



Do not drop or throw against something
This may cause malfunction or burn



Regularly check the irradiation part for contamination
This may cause malfunction or burn



Unplug the power plug from the power outlet when not in use
This may cause electric shock, smoke, fire.



4 Features

This product is a device that irradiates the skin with light to remove unwanted hair. A cooling plate is installed around the irradiation window to cool down the skin at the same time as irradiation. It lessens the pain and heat during irradiation and gently cares for the skin.



Cooling Plate

The plate gets cold when the power is turned on.
It cools the skin while irradiating.



Irradiation times 500,000times



5-Levels Output Setting



Mode Switching

Single Mode

Irradiate manually each time.

Continuous Mode

Automatic continuous irradiation.



LCD Display

The remaining irradiation count, output level, mode, and irradiation preparation status can be checked on the LCD display.



Skin Detection Sensor

Sensors on both sides of the irradiation window. When the sensor detects skin contact, the device can irradiate.

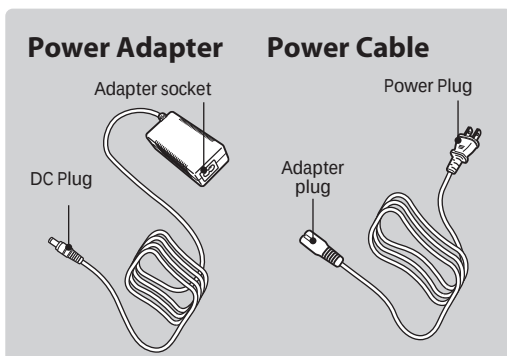
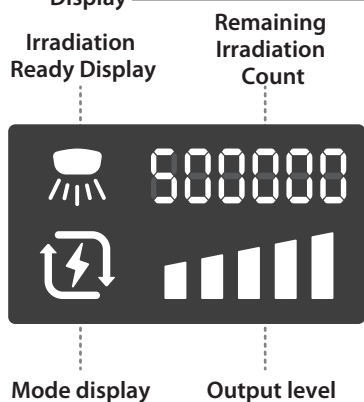
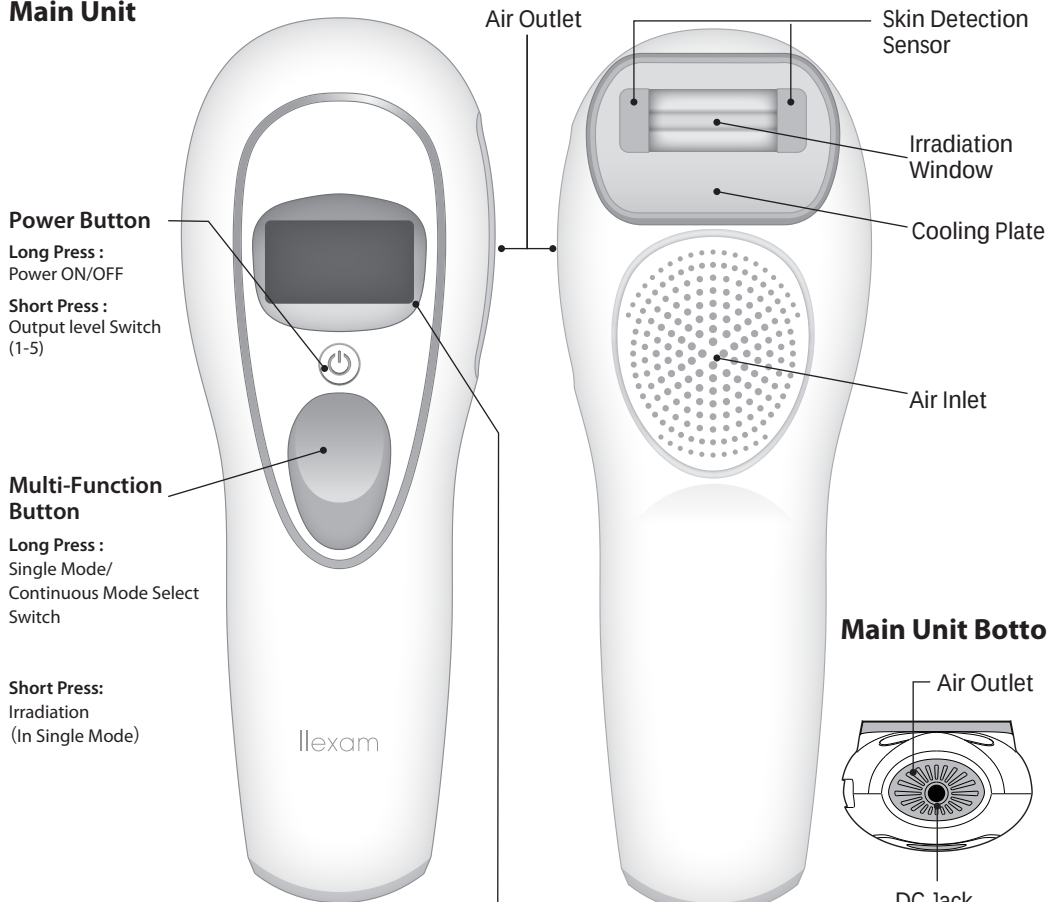


Auto-off Function

If there is no operation for 3 minutes with the power on, the power will turn off automatically.

5 Part Names

Main Unit



6 Recommended Treatment Area

The time is an approximate time when used at level 1.



Face (Female only)

⌚ approx. 1 min

※ Do not use above the cheekbones.

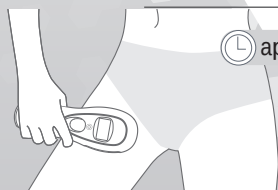


Areas that cannot be irradiated.



Armpit

⌚ approx. 2 mins



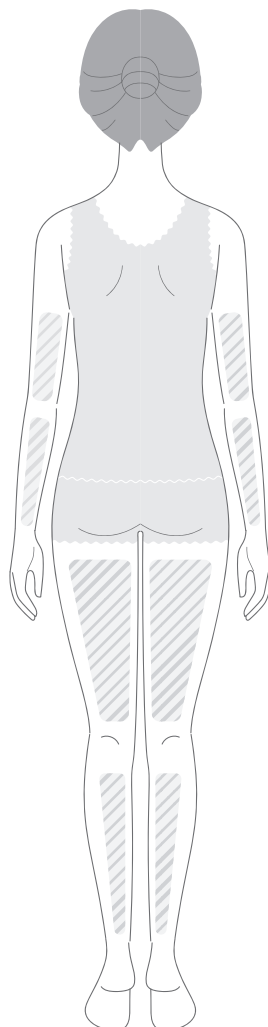
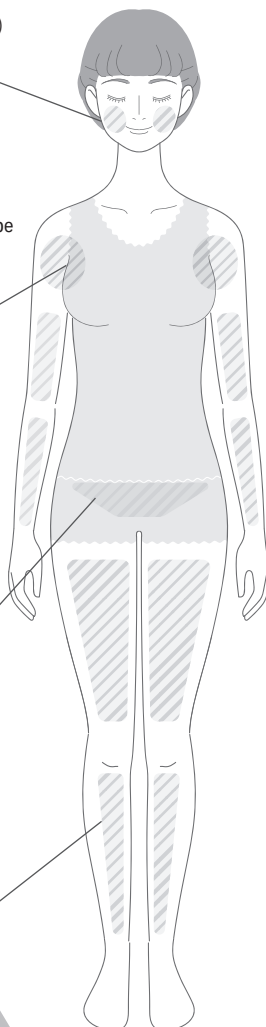
Bikini line

⌚ approx. 2 mins



Legs

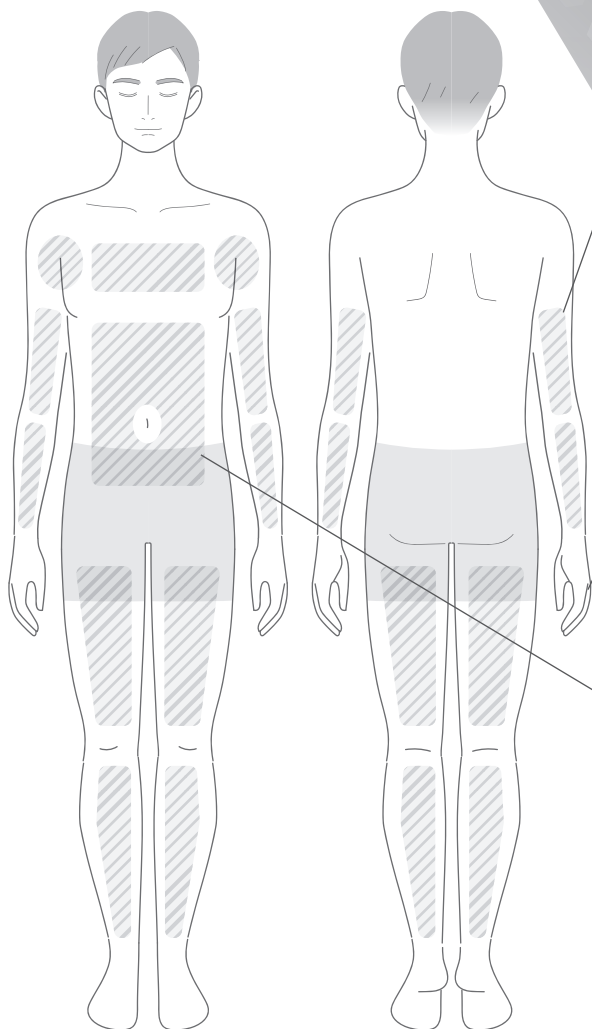
⌚ approx. 10 mins



Caution

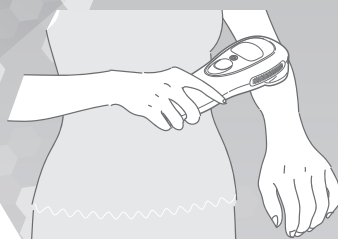


Areas that can be irradiated.



Arms

⌚ approx. 6 mins



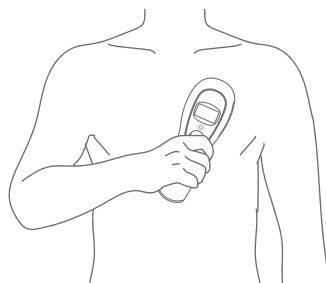
Finger

⌚ approx. 1 min



Chest • Abdomen (Male Only)

⌚ approx. 3 mins each



The device cannot irradiate without touching the skin detection sensor.

※ Do not use on areola.

※ Do not use on navel.

7 Frequency of Use

First	1~4	week	1 week	once
	5~8	week	1 or 2 weeks	once
	9~12	week	2 weeks or 1 month	once



If hair growth is no longer seen, it is not necessary to perform the treatment as often as above.

If hair becomes visible again, perform the treatment as needed.

Caution

- The effect depends on the area of use and personal constitution.
- Do not exceed the above frequency of use.

8 Preparation before use

Check the skin and hair color

Please check the attached color chart.



Removing hair

Be sure to remove hair before using. Hair growth or hair remaining on the skin surface can cause burns. Please do not remove the hair from the root, such as waxing or pulling out hair with a tweezer.



Remove make-ups

Use on bare skin (Remove all make-up, lotion, cream and perfume)
It may cause skin trouble if used on make-up.



Remove the protective film attached to the display.



Allergy Test

When using for the first time, or has not used for a period of time, please perform a allergy test to make sure that no skin trouble occurs. (See P.10 for how to use)

- 1 Irradiate the area where you want to use once with output level 1.
- 2 After 48 hours, check the tested area for any abnormalities.
Please consult your doctor if any abnormalities are seen such as redness

Caution

- Do not irradiate the allergy tested area within a week.
- Stop using if skin irritation occurs (such as redness) and consult a dermatologist if irritation continues after 2 days.

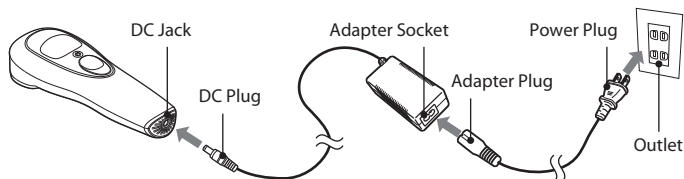
9 Operating Instructions

Caution

• Please keep the room bright when using. • Storage light will be generated when irradiating, please make sure that there are no people or pets nearby. • Strong light is emitted during use. Be careful not to look directly at the area of use. • When using on face, please close your eyes.

1.

Connect Power



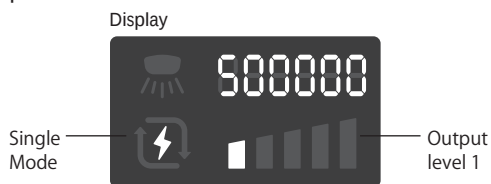
2.

Turn on the Power



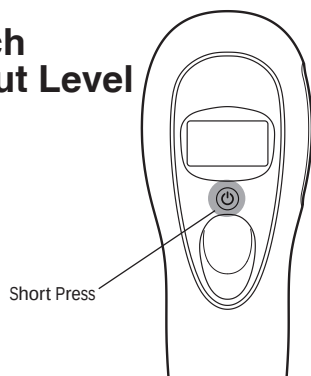
Press and hold the power button (for 2 seconds) to turn on the power.

A beep sounds and the display lights up. When the power is turned on, the setting is single mode and output is level 1.



3.

Switch Output Level



The output level can be switched by short pressing the power button. Select the output level you are using.

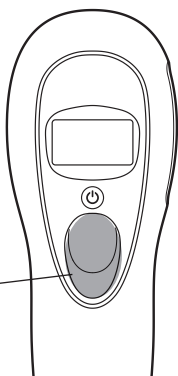
※ If you are using the device for the first time, we recommend that you start from output level 1.

Level 1	
Level 2	
Level 3	
Level 4	
Level 5	

4.

Switch the mode

Long Press



The mode can be switched by long pressing the multi button (for 2 seconds).

Select the mode to use.

Single Mode



When you want to perform a treatment for a small area or sensitive area

Continuous irradiation mode



When you want to efficiently care for a wide area

***Continuous mode is a mode of continuously irradiated with preset output level.**

***The level cannot be changed in continuous mode.**

For each mode, see the mode description below to use .

⚡ Single Mode

- 1 Press against the area you want to use.**

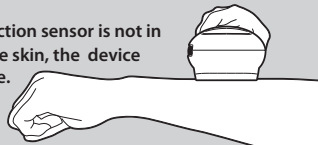
Press without gaps



Make sure there is no gap between the irradiation window and the area you want to irradiate.

The display flashes while the skin detection sensor is in contact with the skin.

***If the skin detection sensor is not in contact with the skin, the device cannot irradiate.**



- 2 Ready for irradiation**



Irradiation is ready when the entire display flashes.

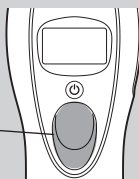
Flashing



Ready for irradiation!

- 3 Irradiation**

Press



It irradiates when the multi button is pressed.

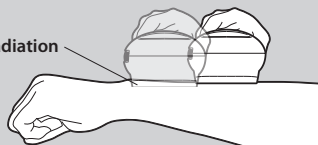


- 4 Repeat irradiation**

Move the irradiation position and repeat steps **1** to **3**

The irradiation interval is approx. 1 to 3 seconds. It depends on the output level.

Move the irradiation position



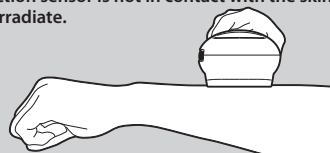
Continuous Mode

1 Press against the area you want to use



Make sure there is no gap between the irradiation window and the area you want to irradiate.

※If the skin detection sensor is not in contact with the skin, the device cannot irradiate.



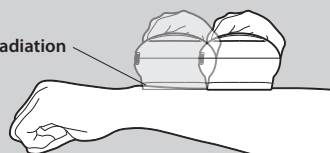
2 Irradiate automatically

When the skin detection sensor detects the skin, irradiation will start immediately.

Slide the main unit at the same speed.
Be careful not to overlap the irradiated area.
The irradiation interval is about 1 to 3 seconds. It depends on the output level.

3 Repeat irradiation

Move the irradiation position



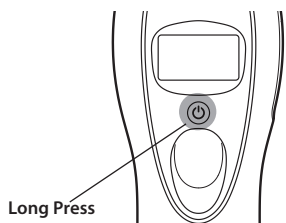
Cool-down Function

When the temperature inside the main unit rises, it stops operating and cools down for 20 seconds.

※the timing to cool down depends on the output level and the surrounding environment.



5. Finish



Press and hold the power button (for 2 seconds) to turn off the power.

Unplug the power plug from the power outlet.

※When the power is turned off, the temperature inside the main body is transmitted to the cooling plate, which may cause the cooling plate to become warm.
Allow time for it to cool down before cleaning.

Caution

- As the level gets higher, more heat is felt. However, it is not abnormal.
- Smoke and odour may occur due to burning of hair during use.
- Do not continuously irradiate at the same area.
- This product has a cooling function as being used, however, if you are concerned about the heat of your skin or burning sensation or redness, cool the skin down with a towel soaked with cold water, etc.
- If you experience severe pain, stop using immediately.

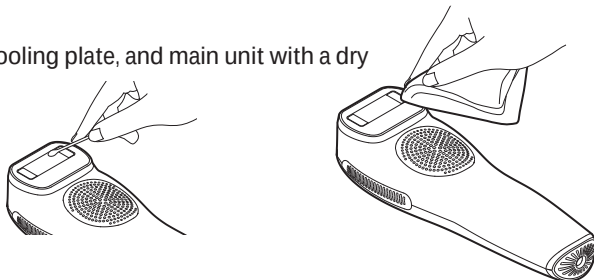
Caution

- If an irradiation error occurs, "E30" is displayed and the operation will stop for 30 seconds.
- If there is no operation for 3 minutes with the power on, the power will turn off automatically.
- Do not leave it plugged in after use.
- Depending on the ambient temperature, the cooling plate may not cool sufficiently and may not feel cold.

10 Maintenance

- Always stop operation and unplug the power plug from the power outlet when cleaning.
- Just after use, the irradiation window and cooling plate will still keep the temperature, so please cool down a little before cleaning.
- Gently wipe off the irradiation window, cooling plate, and main unit with a dry cloth.

For parts that are difficult to wipe, wipe them gently with a cotton swab.



Caution

- This product is not waterproof. Do not soak it in water or splash it with water.
- Do not use chemicals such as benzene, thinner and alcohol.

11 Troubleshooting (when problem arise)

Problem	Cause	Solution
The display is not showing	Power is off	Connect the power adapter and power cable securely
	Not using a dedicated power adapter	Use the provided power adapter and cable
	The time to press and hold the power button is too short	Press and hold the power button (for 2 seconds)
Not irradiating	The skin detection sensor is not responding	Both skin detection sensors should be in contact with the skin
	The remaining counts of irradiation are insufficient	The number of counts of irradiations that can be used is 500,000
Cannot switch modes	The time to press and hold the multi-button is too short	Press and hold the multi button (for 2 seconds)
Cannot switch levels	The mode is set to continuous irradiation mode	Press and hold the multi button (for 2 seconds) to switch to single mode
Power turns off	Not operating for 3 minutes	Auto-off function is working
	There is an error	Unplug the power plug and wait a while Insert the power plug and turn on the power
The cool-down function is repeated frequently	It is used continuously for a long period of time and the inside the main body is generating heat	Stop using the device for a while until it reaches room temperature
The cooling plate is wet during use	Condensation on the cooling plate	It is not abnormal If you are concerned, wipe it off before using
Cooling plate does not cool	The ambient temperature is too high	Please use within the operating temperature range

If the symptom does not improve, unplug the power plug. After a while, plug it in and turn on the power.

12 Device Disposal

When disposing of this product, please follow the instructions(local regulations) of each local government.

13 Specification

Main Unit	Dimension	W74×H207×D51mm
	Weight	Approx. 290g
	Input voltage / current	DC12V/4A Max.
	Power consumption	Max. 48W
	Operation Temperature	5°C ~ 35°C
Power Adapter	Input	AC100-240V 50/60Hz
	Output	DC12V/4A Max.
	Length	approx. 1.8m
Power Cable	Length	Approx. 1.5m

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