

The background of the image consists of numerous thin, white, concentric arcs that originate from a central point at the bottom and curve upwards and outwards, creating a sense of depth and movement. The arcs are of varying lengths and are set against a solid, medium-gray background.

Ilexam

## 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.

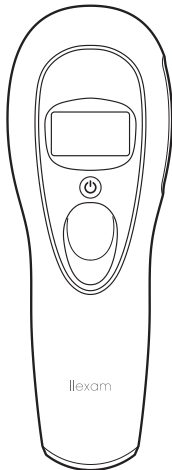


## Contents

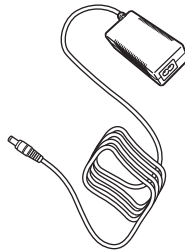
<b>1</b>	<b>Content of the package</b> .....	p. 2
<b>2</b>	<b>Introduction</b> .....	p. 2
<b>3</b>	<b>Safety Precaution</b> .....	p. 2
<b>4</b>	<b>Features</b> .....	p. 5
<b>5</b>	<b>Part Names</b> .....	p. 6
<b>6</b>	<b>Sites where the device can be used</b> .....	p. 7
<b>7</b>	<b>Frequency of Use</b> .....	p. 9
<b>8</b>	<b>Preparation before use</b> .....	p. 9
<b>9</b>	<b>Operation Instructions</b> .....	p. 10
<b>10</b>	<b>Maintenance</b> .....	p. 13
<b>11</b>	<b>Troubleshooting</b> .....	p. 13
<b>12</b>	<b>Device Disposal</b> .....	p. 14
<b>13</b>	<b>Specification</b> .....	p. 14

# 1 Content of the package

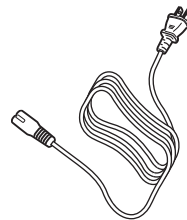
Main Unit



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<sup>\*1</sup> to a high degree.



### Warning

Warning refers to misuse which might lead to death or serious injury<sup>\*1</sup>.









### Caution


Caution refers to misuse which might lead to injury<sup>\*2</sup> or damage<sup>\*3</sup>.

\*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. It may cause skin trouble.		If you are taking medication continuously, please consult your doctor before use. It may cause accidents or physical deterioration.	
Do not use directly on eyes It may damage your eyes.		Store in a place out of reach of children 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 This may cause electric shock or fire. The power input of the AC adaptor of this product is AC100~240.		Do not damage, forcibly bend, twist, put heavy objects on, pinch, bundle, or modify the power cable and power adapter  It may cause smoke or fire.	

## ⚠ 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.



This may cause malfunction or injury.

**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.

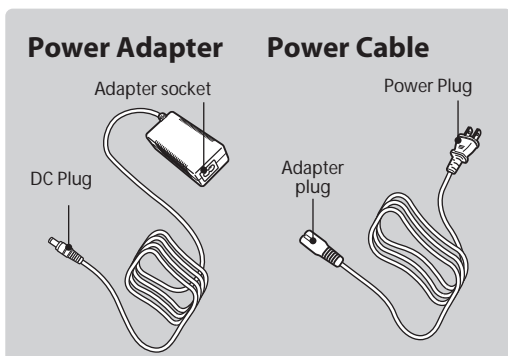
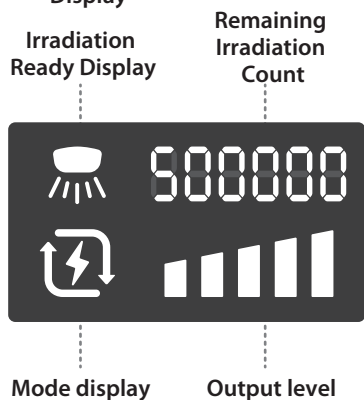
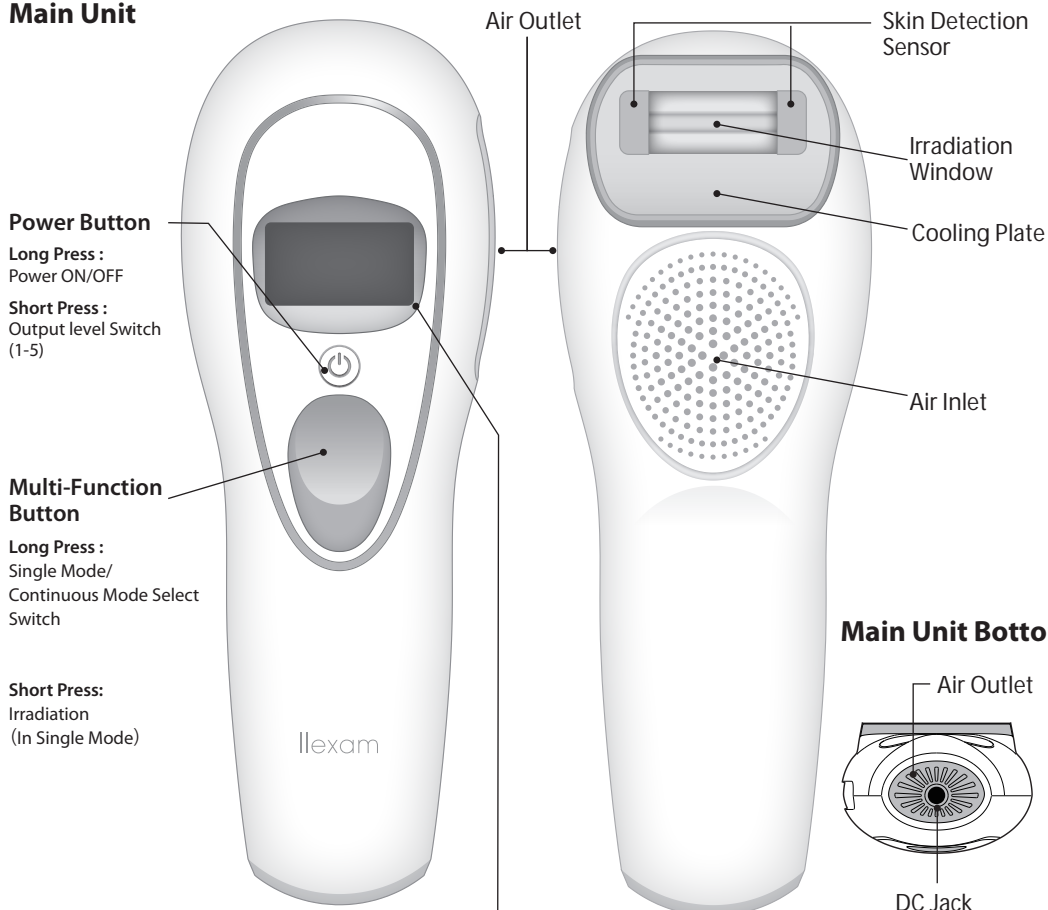


### Auto-off Function

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.

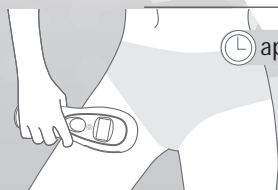


Areas that cannot be irradiated.



### Armpit

⌚ approx. 2 mins



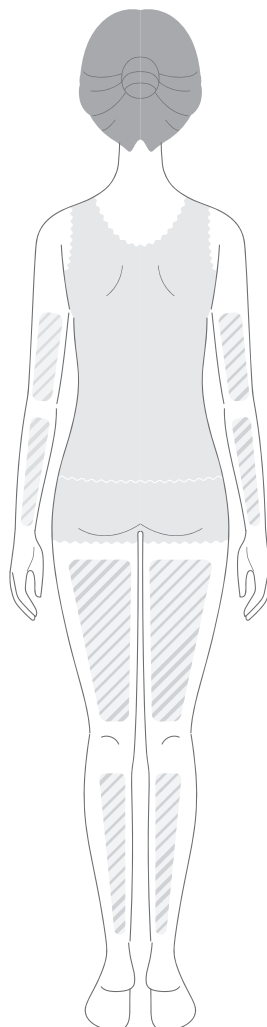
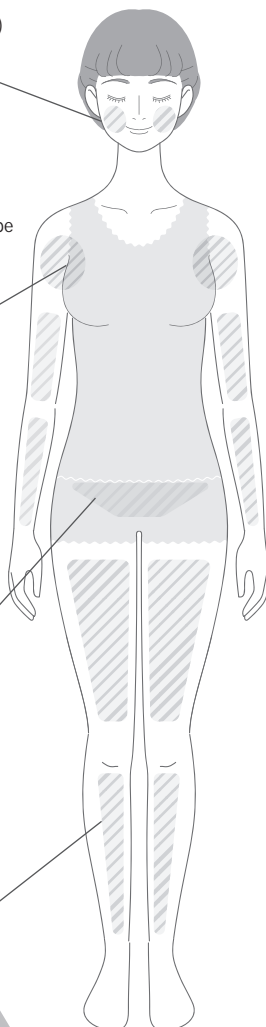
### Bikini line

⌚ approx. 2 mins



### Legs

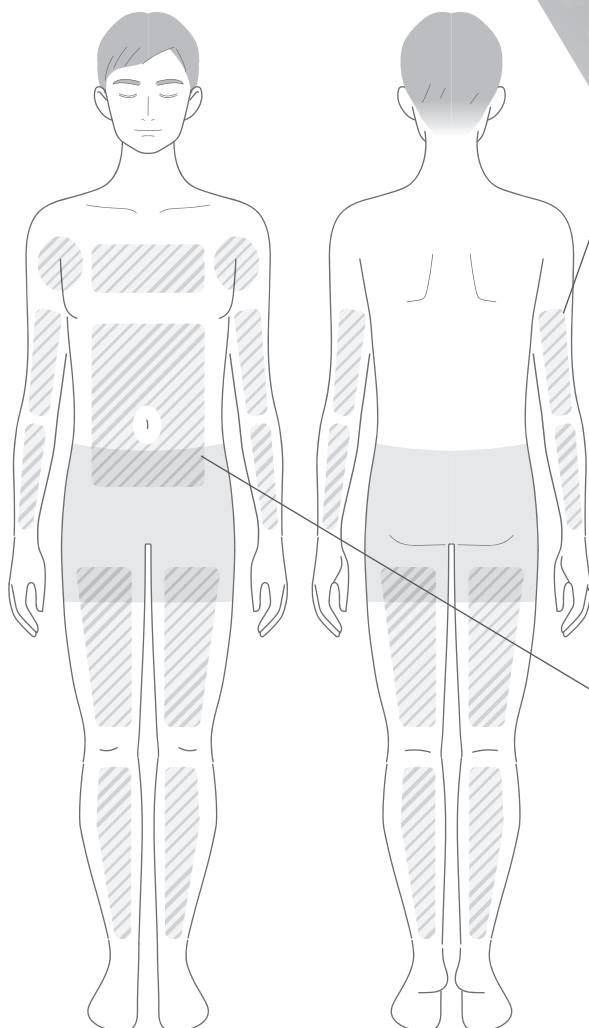
⌚ approx. 10 mins



**Caution**

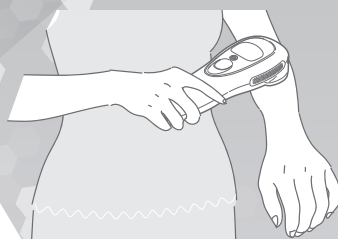


Areas that can be irradiated.



## Arms

⌚ approx. 6 mins



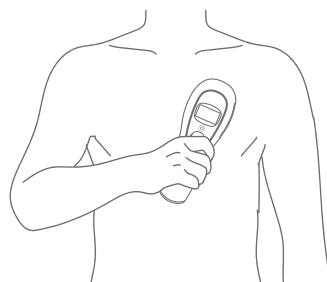
## Finger

⌚ 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.

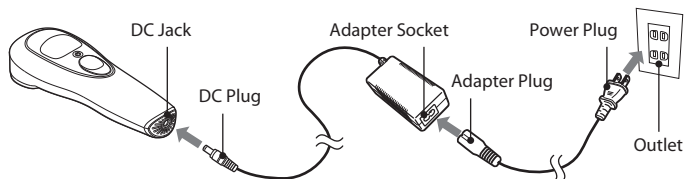
## 9 Operating Instructions

### 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



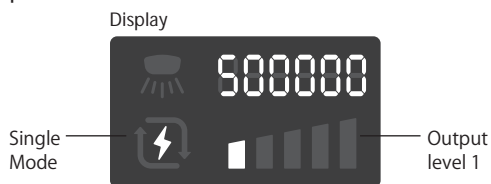
# 2.

## Turn on the Power



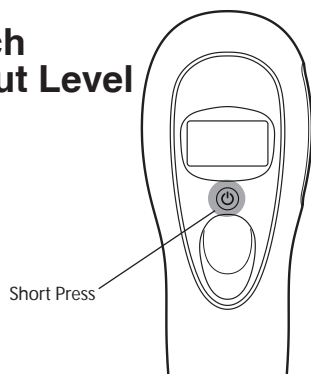
Press and hold the power button (for 2 seconds) to turn on the power.

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.

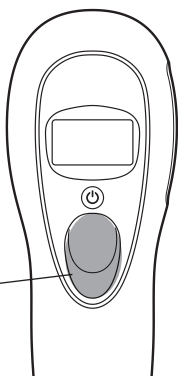
※ If you are using the device for the first time, we recommend that you start from output level 1.

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.**

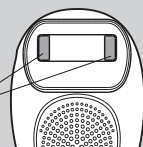
**\*The level cannot be changed in continuous mode.**

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

## ⚡ Single Mode

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

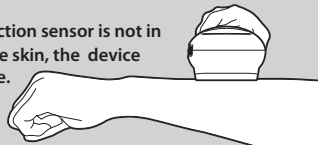
Press without gaps



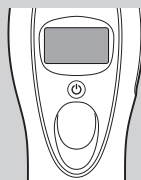
Make sure there is no gap between the irradiation window and the area you want to irradiate.

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.

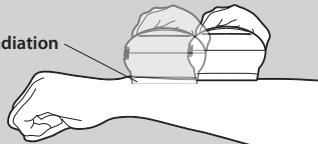


- 4 Repeat irradiation**

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



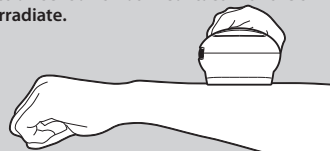
## Continuous Mode

### 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.



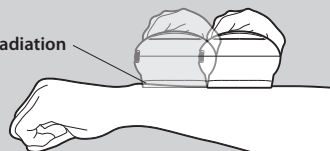
### 2 Irradiate automatically

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



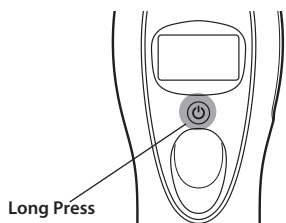
## Cool-down Function

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.

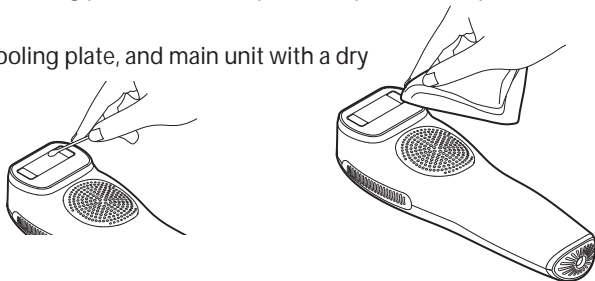
## Caution

- 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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