

llexam

# User Manual

PA1342-00

Household use

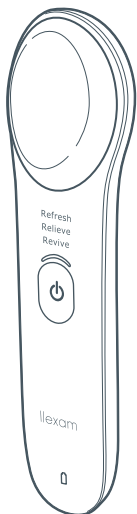
\* Cannot be washed with water

Rechargeable

EYES CARE

## MXEC-100

Thank you for purchasing the Maxell product. Please carefully read this instruction manual before use and use it correctly.



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# **1 Introduction**

Keep the following in mind when reading the Instruction Manual.

- This Instruction Manual may be subject to change without prior notice.
- In order to improve the product, external appearance or part of the specifications may be subject to change without prior notice.
- Unauthorized duplication of part or all of this Instruction Manual without permission is prohibited except for the case of personal use. In addition, do not reprint this Instruction Manual without permission.

## **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.
- We do not assume any responsibility for any collateral damages arising from the use or inability to use this product (loss of business profit, interruption of business).
- We do not assume any responsibility damage caused by any usage not described in the instruction manual.
- In regard to usage outside Japan, we do not accept any responsibility.
- Illustration is indicative; it may differ from the actual.

## 2 Features

This device is a rechargeable eye care device.

The temperature of Refresh's Cold is slightly lower than Revive mode's COOL.

- Refresh (COLD) Mode

It cools the area around your eye.

- Relieve (HOT) Mode

It warms the area around your eye.

- Revive Mode (HOT/COOL)

Repeat "Hot mode → Cold mode" twice.

- Vibration mode

It will vibrate when the rear head is placed on to the skin. (Max. Approx. 45s)

It will help relax the area around the eye.

- Auto-off function

The power is automatically turned off when each mode is completed.

## 3 Preparation Before Use

### How to charge battery

It is not fully charged when it is purchased. Please use the device after charging it fully.

Connect the USB cable to a power adapter (output DC5V, 1A/USB power output terminal).



### WARNING

- Do not insert or remove the power adapter with wet hands. (It may cause electric shock/injury)
- Do not connect to a USB terminal of a PC etc. (It may cause PC malfunction, cannot charge.)
- Do not use in areas exposed to water, such as bathrooms, or where humidity is high. (It may cause electric shock/short-circuit)

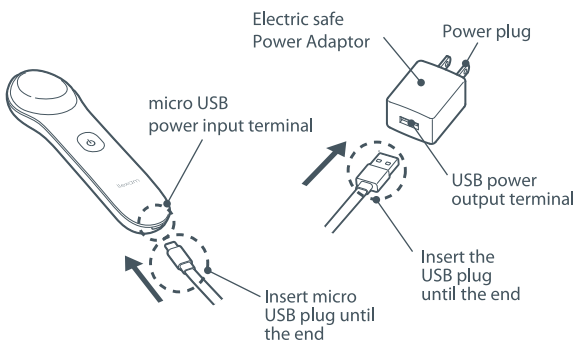
## CAUTION

- Use a power adapter that complies with the Electrical Appliance and Material Safety Act.
- The power adapter that complies with the Electrical Appliance and Material Safety Act has a PSE mark (diamond shape) shown in the figure.



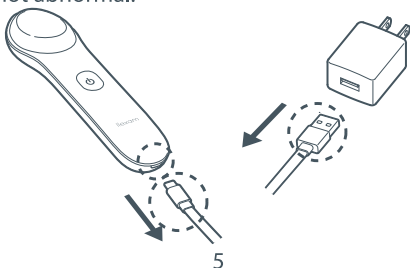
**① Turn “off” the power switch, then connect the main unit and the power adapter with a USB cable, and plug the power plug into a power outlet.**

- The Charge indicator flashes green while charging, and turns green when charging is completed.



**② After charging is complete, unplug the power plug from the outlet and unplug the USB cable from the main unit and the power adapter.**

- Do not pull the cable when unplugging.
- This unit is for charging only. The power cannot be turned on while the USB cable is connected.
- While charging, both the main unit and the power adapter may become slightly hot. However, this is not abnormal.



The charging time is 2.5 hours. It can be used approximately 8 times per charge.  
[When using 「Refresh→Relieve→Revive」 ]  
※The number of usage times may be reduced depending on the operating conditions such as ambient temperature.

## Charging Timing

When the power switch is ON and the charging indication lamp flashes, it indicates charging is necessary. Please charge as soon as possible.

In order to optimize the performance of the chargeable battery inside, please observe the following.

1. If the equipment has not been used for more than 3 months ,please use it after fully charged.
2. Do not charge the battery during use.
3. The recommended temperature for charging is 10-35°C. Outside the recommended temperature range, the charging time may become longer or it may not be able to charge.
4. Do not charge with a power source other than a domestic power source.
5. If there is any interference comes from TV, etc during charging, please use another power outlet instead.

## Before Using

### CAUTION

- Do not use if skin is hurt or has inflammation. (It may cause skin problems or pain )
- Check the front and rear heads for damage (such as scratches), and if any, suspend using it. (It may hurt the skin)
- Remove precious metals and contact lenses. (It may cause skin problems or physical discomfort)

## 4 Part Names and Function

### ① Front Head (Aluminum)

### ② Mode indication lamp

Mode	Action	Display lamp
Refresh	COLD	white light ON
Relieve	HOT	white light ON
Revive	HOT/COOL	white light ON

### ③ Status indication lamp

Mode	Action	Display Lamp
Refresh	COLD	Blue light ON
Relieve	HOT	White light ON
Revive	HOT/COOL	White / Blue light ON

### ④ Power switch

Press and hold to turn the power "ON".  
Each time it is pressed it switches the mode.  
Press and hold again to turn the power "OFF"

### ⑥ Micro USB power input terminal

Connect the included USB cable when charging.

⑤

Main Unit

### ⑨ Rear head

It vibrates when it touches the skin.

### ⑩ Rechargeable Battery (built-in)

Lithium ion battery 1pc

Back

## ⑦ Buzzer

(Start sound/Switching sound/Error sound/Low battery sound/Notification sound/Termination sound)

Each time the power switch is pressed, a switching sound will sound.

An error sound will sound when the front head temperature is abnormal.

It will sound when the battery is low.

A termination sound will sound at the end of each mode.

## ⑧ Charging indication lamp

Charging: Green light Flash

Charging Completed: Green light ON

Charge reminder: Green light blinks while in use

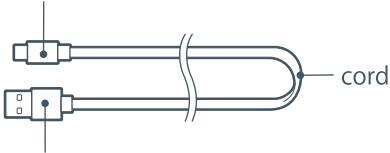
⑪

## Accessory

### ⑫ USB cable

(It is only for charging. Could not be used for data transfer)

⑬ micro USB plug



⑭ USB plug






5

Safety Precautions

Make sure to read the following

In this instruction manual, important items are stated in order to prevent harm to people who use it and other people, also loss and damage of property and to use it safely and correctly. Please read the text after understanding the following contents (display /figure symbols) and observe the items described.

Explanation of Expression










Expressions	Meaning of Expressions
 <b>Danger</b>	Danger refers to misuse which might lead to death or serious injury <sup>*1</sup> to a high degree.
 <b>Warning</b>	Warning refers to misuse which might lead to death or serious injury.
 <b>Caution</b>	Caution refers to misuse which might lead to injury <sup>*2</sup> and may cause property damage <sup>*3</sup>

<sup>\*1</sup>: Serious injury means injury with after effects such as loss of sight, burns, electric shock, bone fracture or poisoning and injury which requires hospitalization or long-term hospital visits for medical treatment.

<sup>\*2</sup>: Slight injury means injury, burns, or electric shock which does not require hospitalization or long-term hospital visits for medical treatment.

<sup>\*3</sup>: Damage to property means consequential damage related to house, household goods and livestock or pets.

Explanation of Expression

Graphic symbols	Meaning of symbols
	<b>Prohibited</b>  This symbol signifies specific prohibitions in the handling of products. Pictures and sentences in or near the figure symbol indicate prohibited contents. (Example:  Disassembly prohibited)
	<b>Caution</b>  This symbol calls attention to ignition, electric shock, high temperature, etc. in the handling of products. Pictures indicate specific caution notes. (Example:  electric shock warning)
	<b>Indication</b>  This symbol forces a user to perform an action based on the instruction in handling of the product. Specific content forced is shown in or near the symbol by picture or words. (Example:  Disconnect a plug from the outlet.)

## **WARNING**



Prohibited

- **Do not use in any other way than described in the instruction manual.**  
(It may cause accidents, problems and malfunction)
- **Do not use the equipment for other areas**  
(It may cause accidents and problems)
- Person with facial neuralgia
- Person with skin pain paresthesia
- Person with embedded metal, plastic, silicon, etc. under the skin.
- Person with strong myopia (lens power of -6D or more) If in doubt, check with your doctor or check the contact lens package description.
- Person currently with or previously has had eye diseases (such as cataract, glaucoma, retinal detachment, fundus hemorrhage and eye floater)
- Person who has had eye surgery (please consult your doctor if you just had LASIK procedure)
- Person with fever/allergies
- Person with skin disease and atopic dermatitis
- Person with sensitive skin
- Pregnant person (unstable hormone balance may cause skin troubles)
- Do not use it if using implantable medical devices that are susceptible to magnetic disruptions such as pacemakers and cochlear implants, and medical devices that may be magnetically affected such as pressure-variable shunts for cerebrospinal fluid shunt as it may cause malfunction of the device.
- **Do not use for the following conditions (It may cause accidents and problems)**
- Do not use if there is a scratch, eczema or swelling on the face.
- Do not use if there are skin problems such as skin inflammation or excessive sunburn on the face.
- **Use the product only with AC100V.**  
(It can cause fire/ electric shock)
- **Do not let children use the device. Also do not place it in the reach of young children.**  
(It may cause accidents and malfunction)
- **Do not damage the power cord, do not use if the power outlet is loose.**  
(It may cause electric shock, short-circuit or ignition)
- **Do not allow pins or dust to adhere to the power plug or USB plug.**  
(It may cause electric shock, short-circuit or ignition)

## **WARNING**



Prohibited

- Do not damage the power cord, bend it forcefully, pull it, twist it, place heavy objects on it, pinch it, process it or wind it around the main unit.  
(It may cause fire/ electric shock/ heat generation/ burns)



Application of  
liquids prohibited

- Do not wash with water. Do not soak with water or splash with water.  
(It may cause malfunction or short-circuit)



Use of wet hands  
prohibited

- Do not plug or unplug the power adapter with wet hands.  
(It may cause malfunction or short-circuit)



Use in wet  
area prohibited

- Do not use, charge or leave in places where water is splashed or humid areas such as bathroom.  
(It may cause malfunction or short-circuit)



Unplug the  
power plug

- If abnormality occurs during charging, remove the AC adapter from the socket.  
(It may cause accidents or fire)
- Ensure that the USB cable is disconnected from the main unit when cleaning. (It may cause electric shock, short-circuit)



Disassembly  
prohibited

- Do not make alterations. Repair should only be carried out by a qualified technician  
(It may cause fire/ electric shock/ injuries/ malfunction)



Mandatory  
Compliance

- Stop use and consult a doctor when you feel pain or discomfort during use or you feel an abnormality on the skin after use.  
(It may cause skin problems etc.)
- Stop use immediately when abnormal noise or abnormality occurs in the main unit, and request the dealer for repair together with the USB Cable.  
(It may cause accident or problems)
- Clean the USB plug regularly to prevent dust from accumulating.  
(It may cause electric shock, short circuit or fire)

## CAUTION



Prohibited

- While using the main unit, do not engage in other activities.  
(It may cause an unexpected accident)
- Before use, check the head for scratches and deformation. (it may hurt the skin)
- Do not use if skin is scratched or inflamed.  
(It may cause skin problems or hurt)
- Do not drop and avoid strong impact.  
(It may cause injuries or malfunction)



Mandatory Compliance

- When unplugging the USB Cable, pull out without holding the cord. (Cause of disconnection, electric shock, short-circuit or ignition)
- Use after removing mascara. (It may damage eyes or cause inflammation.)
- Make sure to remove false eyelashes.  
(It may damage eyes or cause inflammation.)
- Do not use if you have eyelash extensions.  
(It may damage eyes or cause inflammation.)
- Make sure to remove contact lenses.  
(It may damage eyes or cause inflammation.)
- Do not use for other parts of the body except eyes. (It may damage the skin.)



Unplug the power plug

- Always unplug the power adapter from the power outlet when not in use.  
(It may cause electric shock or fire due to deterioration)

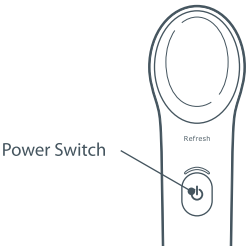
## **6** Example of use

Please disconnect the USB cable when using it.  
It does not operate when the main unit and the power adapter are connected.

- Using in the suggested temperature 15°C ~ 35°C .

# When using the Refresh, Relieve, and Revive functions.

- 1** Press and hold the power button to turn on the power. When the power is turned on, it starts with the mode as at the time of the previous termination.



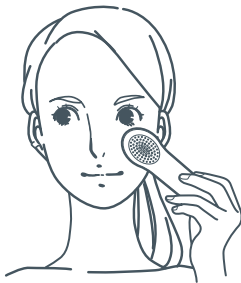
- 2** Press the power switch to select the mode. Each mode will stop automatically after the rated time.

Caution

The timer is reset when using the vibration function.

Mode	Operation	Time	Guidance sound
Refresh	COLD	Approx. 135sec.	After about 75 seconds, a "bibi" will sound to notify the user to move to the other eye. After about 135 seconds, the termination sound "beeping" will notify the automatic termination.
Relieve	HOT	Approx. 255sec.	After about 135 seconds, a "bibi" will sound to notify the user to move to the other eye. After about 255 seconds, the termination sound "beeping" will notify the automatic termination.
Revive	HOT/COOL	Approx. 240sec. (approx. every 60sec.)	After about 120 seconds, a "bibi" will sound to notify the user to move to the other eye. After about 240 seconds, the termination sound "beeping" will notify the automatic termination.

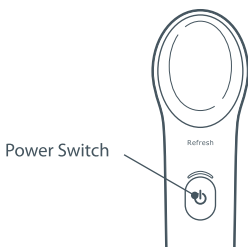
### 3 Gently place the front head around your eyes.



- Be sure to check the content display before placing it on your eye.  
To switch the mode during use, remove the device from your eye and switch the mode.
- If you feel too hot, discontinue use immediately.
- When you start using the device for the first time, use it 1 time per 2 or 3 days a week and after about 1 month of use, it can be used once a day.  
Do not use it continuously as it may cause eye problems and skin problems.

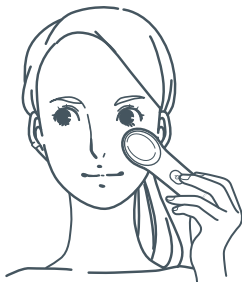
## When using the vibration function.

- 1 Press and hold the power button to turn on the power. When the power is turned on, it starts from the mode at the time of the previous termination.



- 2 Apply the rear head to the skin. The front head function stops and the rear head vibrates.

- ③ Gently place the rear head around your eyes.

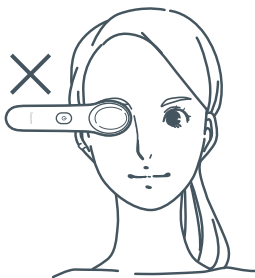


- ④ After about 45 seconds, it will stop automatically and the front head function will operate.

- ⑤ Press and hold the power button to turn off the power.

**⚠ WARNING**

- Never use the vibration function on the eye lids. (It may cause eye problems and accident.)



## 7 Maintenance

- Wipe the dirt attached to the main unit with a tissue etc.
- If it is difficult to remove, wipe it with a damp cloth.

### **WARNING**

- Do not wash with water. Do not soak in water or splash with water. (It may cause malfunction or short-circuit)

### **CAUTION**

- Do not wipe with benzine, thinner, alcohol etc. (It may cause deformation or discoloration)

## 8 Storage Method

- Keep place with little humidity and dust and store it.

### **WARNING**

- Do not leave in places with water such as a bathroom and places with high humidity. (It may cause malfunction)
- Do not wrap the cord around the power adapter or the main unit. (It may cause damage to the cord)

#### **Caution**

Do not leave it in places exposed to direct sunlight (such as inside a vehicle in the summer), near a heating appliance or in a location at a high temperature. (It may cause deformation or discoloration)



## 9 Troubleshooting (When problems arise)

Phenomenon	Place to check	Solution
Mode indication lamp does not turn on.	Is it out of charge?	Please charge for 2.5 hours.
Power becomes "OFF" when set to Refresh (COLD) mode.	Is the battery low?	Please charge the battery.
An abnormality detection sound comes out and the flashing of all the lamps does not stop.	The main unit is broken.	Please request repair.
Usage count is very low.	Is the ambient temperature outside the range of 10~35°C when charging?	Please charge at an ambient temperature of 10~35°C.
The front head does not get cold.	Is the Refresh (COLD) mode used continuously?	Please place at an ambient temperature of 10~35°C for 1 hour and then use it again.
	Is the ambient temperature higher than 35°C?	There may be no difference between the front head surface temperature and the skin temperature and it may not feel cold. Please use at an ambient temperature of 15~35°C.
The front head does not warm up.	Is the ambient temperature below 15°C?	It takes time to warm up when the ambient temperature is low. Use at an ambient temperature between 15 to 35°C.
	Is the ambient temperature higher than 35°C?	There may be no difference between the front head surface temperature and the skin temperature and it may not feel warm. Please use at an ambient temperature of 15~35°C.

Phenomenon	Place to check	Solution
Cannot charge up	Is the ambient temperature outside the range of 10~35°C when charging?	Please charge at an ambient temperature of 10~35°C.
It takes too long to charge.	Is the ambient temperature outside the range of 10~35°C when charging?	Please charge at an ambient temperature of 10~35°C.
The power turns off during use.	Is it out of charge?	Please charge for 2.5 hours.
After using Refresh (COLD) mode, front head becomes hot.	Is Refresh (COLD) mode, Revive (HOT & COOL) mode used continuously?	Please leave the main unit in a place with an ambient temperature of 15~35°C for about 1 hour then use it again.

## 10 Troubleshooting Q & A

### Q1. Is it more effective if you press down harder?

- It is not necessary to press down harder.  
→ Please touch the skin lightly and move it slowly.

### Q2. Can I use it in the bathroom?

- It is not waterproof.  
→ Do not use or store in places subject to water or high humidity.

### Q3.The cooling head does not feel cold in the "COLD" mode.

- After switching to refresh "COLD" mode, has it been over 135sec ?  
→ "COLD" mode is automatically stopped after 135 seconds has elapsed.
- Is the Refresh (COLD) mode used continuously?  
→ Do not use continuously.  
→ If you keep applying to the same site, the temperature of the skin surface drops, and you may not feel cold. Please check it against other parts of the skin.

#### Q4. What types of skin is the equipment unsuitable for use?

- It cannot be used for people or the sites that are described in pages 9-12.

#### Q5. Other issues

- If there is abnormality on your skin, stop using it immediately and consult with a specialist.
- If there is a problem with the device, please consult the dealer.

## 11 Specification

Rated power	DC5V 1A
Type of battery used	lithium ion battery DC3.7V, 1pc Rated capacity: 1400 mAh
Charging time	2.5hrs (indoor temperature 10~35°C)
Weight	main unit: approx. 170g USB Cable: approx. 20g
Accessories	USB Cable

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