Instructions for Use

LED Light Therapy Mask

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01 Indications for use

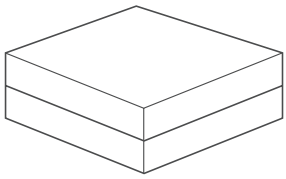
This device is intended for LED light therapy treatment of wrinkles and mild to moderate acne for adult users in home healthcare environments.

Red + Infrared Light: Treatment of full-face wrinkles
Red Light: Treatment of full-face wrinkles
Infrared Light: Provides topical heating to elevate tissue temperature, relieve muscle spasms, stiffness, and temporarily increase local circulation
Blue Light: Treatment of mild to moderate inflammatory acne
Red + Blue Light: Treatment of mild to moderate inflammatory acne
For more details, please refer to the full user manual.

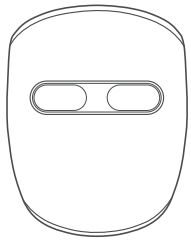
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02 Product description

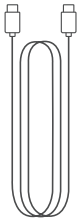
2.1 Product composition



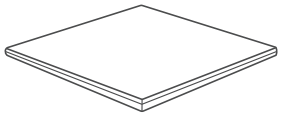
Product box - 1 pc



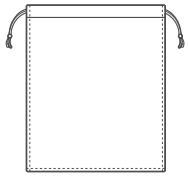
LED mask - 1 pc



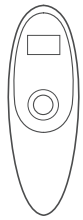
Charging cable - 1 pc



User manual - 1 pc



Dust bag - 1 pc

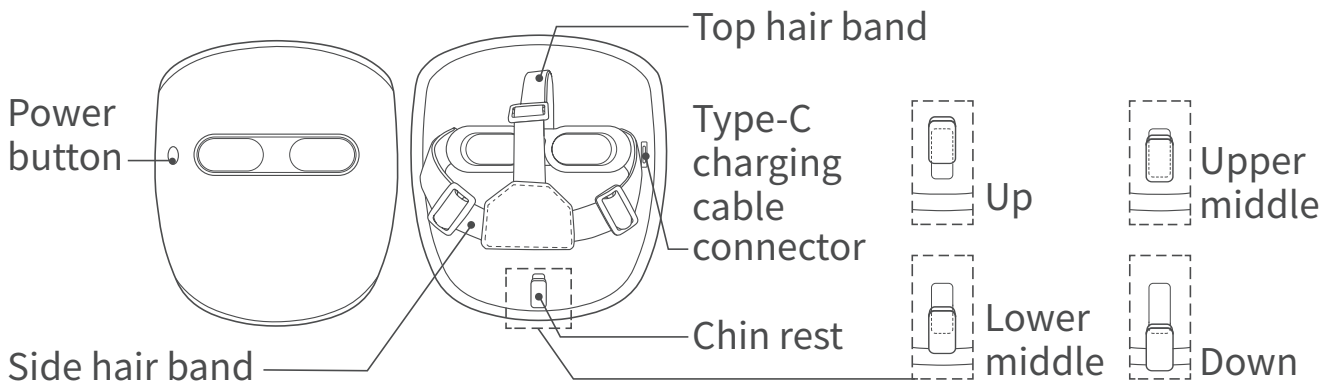


Remote control - 1 pc

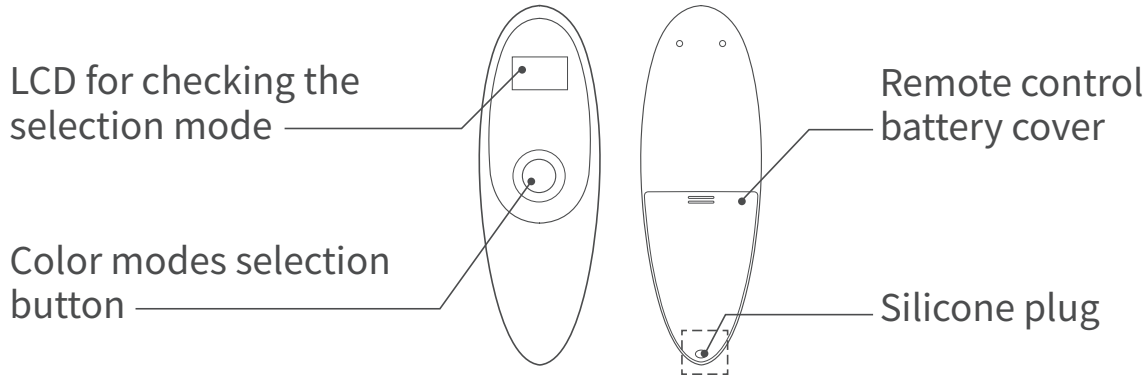
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2.2 Name of each part

1) This device (RF Receiving Device)



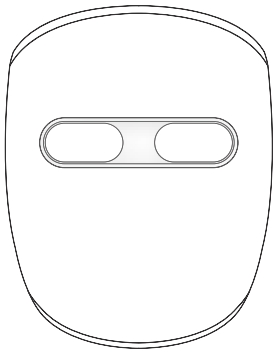
2) Remote control (RF Transmitting Device)



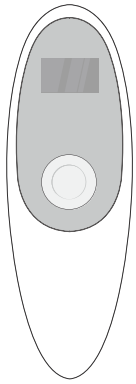


Note: The device can be used directly without opening the battery cover. If you need to replace the two internal AAA batteries, use a toothpick or similar tool to remove the white silicone plug at the end of the battery cover. Then use a standard screwdriver to remove the screws and fully open the battery cover.

3) Product specification



Product Name	LED Light Therapy Mask
Model Number	RB-050, RB-081, RB-080, W-401, W-402, W-403, W-404, W-405, W-406
Power Input	DC 5V 1A
Internally Powered	DC 3.7V, 2000mAh lithium battery
Charging Time	4 hours
Size (width x length x height)	About 19.5 x 22.3 x 9.3 cm
Weight	About 386 g
Country of Manufacture	China
Material	ABS and others
Ingress Protection	IP22 (This product meets the IP22 protection rating, ensuring resistance against solid objects larger than 12.5 mm and protection from water droplets falling at an angle of up to 15 degrees from vertical.)
Manufacturer	Shenzhen LightPath Technology Co., Ltd.
Warranty	1-year warranty (Please contact us to extend it to a 3-year warranty.)



Product Name	LED Light Therapy Mask (Controller)
Model Name	RB-050-RC, RB-081-RC, RB-080-RC, W-401-RC, W-402-RC, W-403-RC, W-404-RC, W-405-RC, W-406-RC
Power Input	N/A
Battery Specifications	2 × AAA batteries (1.5 V each)

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Size (width x length x height)	About 4.5 x 13.3 x 3.2 cm		
Weight	About 81 g	**Country of Manufacture**	China
Material	ABS and others		
Manufacturer	Shenzhen LightPath Technology Co., Ltd.		

03 Contraindications, warnings and precautions

⚠ Contraindications (Absolute Contraindications)

- **History of Seizures or Light-Sensitive Seizures:**
  If you have a history of seizures triggered by light (such as photosensitive epilepsy or other photosensitive seizure disorders), do not use the device.
- **Lupus Erythematosus, Photosensitive Eczema, Albinism, or Other Photosensitive Conditions:**
  Do not use the mask if you suffer from Lupus erythematosus, photosensitive eczema, albinism, or other light-sensitive conditions, as this may lead to severe skin reactions.
- **Medications that Cause Photosensitivity:**
  Do not use the device if you are taking any medication that causes photosensitivity. Consult your healthcare provider if you are unsure whether any medication you are taking could cause photosensitivity.
- **Pregnancy, Planning to Become Pregnant, or Breastfeeding:**
  Do not use the device if you are pregnant, planning to become pregnant, or breastfeeding. The safety of this device has not been established for these populations.

⚠ **Warnings** (Conditions Requiring Special Attention)

- **Light Sensitivity Test:**
  Please refer to the section "**04 Light sensitivity test**" for detailed instructions. This test should be performed 24 hours before your first treatment. Apply the light to a small area of skin (e.g., inner forearm) for 3 minutes. If you experience any redness, swelling, itching, or other irritation within 24 hours, do not use the mask and consult your healthcare provider.
- **Makeup Removal:**
  Always remove makeup before using the mask. Certain ingredients in makeup, such as fragrances, preservatives, and pigments, may increase photosensitivity or interfere with the effectiveness of the treatment, potentially leading to skin reactions.
- **Avoid Water Exposure:**
  This device is NOT waterproof. Do not use near water or where it could fall into a sink or tub. Do not immerse the device in any liquid. If the device comes into contact with water, unplug it immediately. Do not use a water-damaged device; contact customer support. See the "Cleaning and Care Instructions" section for proper cleaning procedures.
- **Heat Exposure:**
  Keep the device away from hot surfaces to avoid damage.
- **Modification of the device:**
  Do not modify the mask or any components. Modifying the device will void the warranty and could lead to electrical hazards, including shocks.
- **Damaged Components:**
  If the mask, controller, or power cord shows any signs of damage, including but not limited to cracks, frayed wires, or loose connections, do not use the device.

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- **Children's Use:**
  The mask should not be used by children unless under the guidance of a healthcare provider.
- **Cleaning Before Use:**
  Clean the mask before each use with a soft, lint-free, damp cloth. For stubborn stains, gently wipe with 70–80% alcohol. Ensure the device is unplugged before cleaning. Do not use harsh chemicals, abrasives, or alcohol-based cleaners (except 70% alcohol for stubborn stains), as these may damage the mask.
- **Abnormal Odors or Smoke:**
  If you notice smoke or a strange odor, immediately stop using the mask, turn off the power, and disconnect the charging adapter. Do not attempt to repair the device yourself.
- **No Serviceable Parts:**
  The device contains no serviceable parts. Do not attempt to open or repair the device yourself.
- **Battery Compartment (Sealed):**
  The controller contains pre-installed AAA batteries secured with screws. Do not forcibly discharge, recharge, or disassemble the battery. These actions may cause personal injury or chemical burns. Keep batteries away from children. Do not dispose of batteries in household trash or incinerate them.

⚠ Additional Precautions

- **Battery:**
  There is only one correct USB-C insertion position on the device. Do not force the cable into place.
- **Allergy Alert:**
  The head strap contains polyester, nylon, and lycra. If you are allergic to

these materials, you may experience skin irritation.

- **Charging Safety:**
  The mask cannot be used while charging.
- **Recommended Treatment Time and Frequency:**
  For optimal results, use the device daily for 10 minutes. Do not exceed 20 minutes per session. Overuse will not enhance the effectiveness and may instead reduce the desired benefits.
- **Personal Sensitivity:**
  Everyone's skin reacts differently to light therapy. If you experience any discomfort, redness, or irritation, stop using the device immediately and consult a healthcare provider.
- **Possible Side Effects:**
  Mild redness or warmth of the skin may occur during or after treatment. These are common and should subside shortly after use. If symptoms persist or worsen, discontinue use and consult your healthcare provider.
- **Disclaimer:**
  This user manual is for reference only and should not be considered a substitute for professional medical advice. Always consult a healthcare provider before using the device, especially if you have pre-existing medical conditions or are taking medications.

04 Light sensitivity test

Follow these instructions to see if you are sensitive to light:

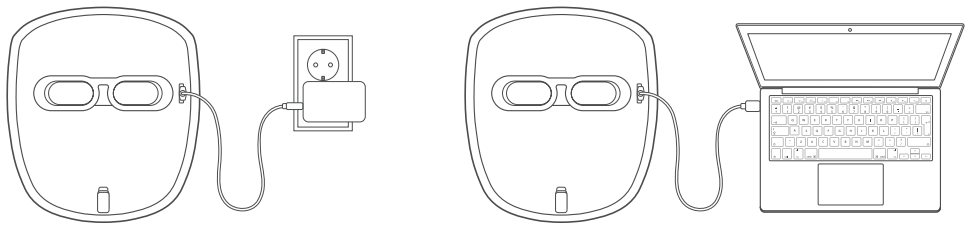
1. Initiate the device by long pressing the LED mask "Power button".
2. Place the device on a section of the forearm, maintaining contact for the entire three-minute treatment cycle.
3. Short press the "Color mode selection button" or the "Power button" to

choose a different mode for another three-minute treatment on the same forearm area.
4. Wait 24 hours. You should NOT experience any adverse reaction during the next 24 hours.
An adverse reaction is a pain or discomfort in the treatment areas or any prolonged skin redness.

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05 Charging the battery

Before use (or when the power button flashes red), be sure to charge the LED mask battery as follows. Charging time may vary depending on the battery level. A full charge may take up to 4 hours.



① Connect the Type-C connector of the original charging cable (included with the mask) to the charging port of the LED mask.
② Connect the other end of the charging cable to a power adapter that supports 5V output, or to a USB-C port on your computer, to begin charging.

Note:
A flashing red light at the charging port indicates a successful connection and that charging has started.

- If there is no red flashing light, the issue may be related to the charging cable or adapter.
- Do not charge the device in environments below 0° C (32° F), as this may affect battery performance or cause safety risks.

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③ Once the power button lights up in green, the device is fully charged. You may now unplug the cable and begin use.

Battery Care Tips!

※ Lithium Battery Maintenance Tips:

- Avoid fully draining the battery before recharging.
- Avoid overcharging the battery and try to limit the charging time to a maximum of 8 hours.
- If the device is not in use for an extended period, it is recommended to charge the battery at least once every three months.

06 How to use



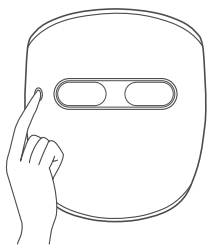


① Wash your face clean. (If you wear makeup, please cleanse using cleansing foam.)

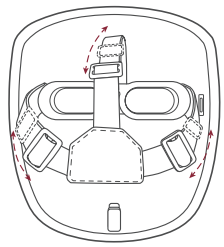
② It can be used day or night. You can fit it into your current skincare routine after cleaning and/or exfoliating your skin.

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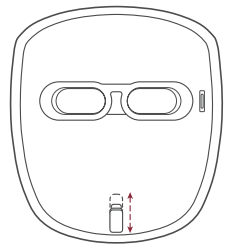
Be sure to charge the LED mask battery before use. (When the power button of the LED mask is pressed and held for 2 seconds, the device will soon power on. If the power indicator light flashes green, it indicates that the mask is in a usable state.)



①



②



③

① Press and hold the power button on the front of the LED mask for about 2 seconds to turn it on. (Available when blinking green.)

② After adjusting the hair band moderately, wear it so that the inner side of the LED mask is on the face.

Tips for adjusting the headband:

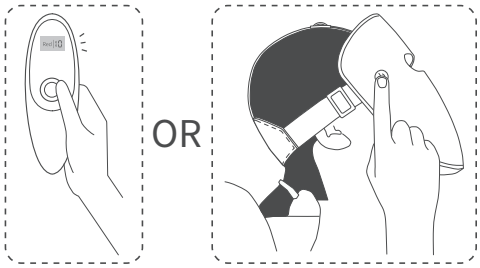
1. When sitting or standing, the correct state should be minimal pressure on the eye socket, allowing the silicone eye pad to fit the eye socket, with the headband on top bearing the product's weight.

2. If you feel the silicone eye pad is exerting too much pressure on the eye socket, to the point of leaving indentations on your face, then you can adjust the headband on both sides to loosen it. This will reduce the pressure from the eye pad on your face, ensuring a comfortable and safe use experience.

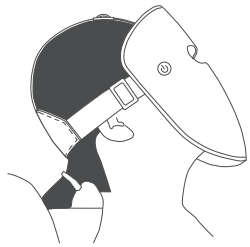
3. If the silicone eye pad does not fit the eye area and light can enter through the gap between the eye pad and eye socket, tighten the headband on both sides.

4. If you feel the mask is sliding down and cannot maintain the correct position on your face, tighten the headband on top.

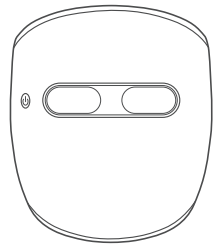
③ Place the chin rest on the chin (under the lip). There are 4 gears for the chin rest (Up, Upper middle, Lower middle, Down). Push the chin rest to move it one step upwards or downwards for a better wearing result.



④



⑤



⑥

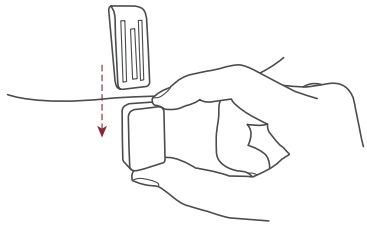
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④ Select the desired mode using the button on the remote control or the power button located on the LED mask.

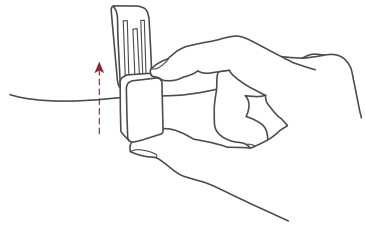
⑤ If you feel uncomfortable while wearing the device, you can try to adjust the strap or lay down until you feel better.

⑥ The product will be turned off automatically when the set mode and the corresponding time finish.





① Remove Chin Rest



② Install Chin Rest

① **Remove:** If the chin rest is uncomfortable, adjust it to "Down" gear and push it down to remove it. (Please store your chin rest after disassembly.)

② **Install:** To reinstall the chin rest, align it with the bottom of the slide and push it up to secure it in place. (As shown in the picture above.)

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Cautions for Use!

※ Move the remote control within 30 cm of the LED mask.
※ Do not pull, twist, or forcefully adjust the device.
※ When wearing the product, relax in a comfortable position on the couch or bed.

07 Color modes selection

◉ **Red+Near-Infrared Mode (R+N)**

- **Wavelength:** Combination of Red Light (620 nm) and Near-Infrared Light (850 nm)
- **Function:** A dual-wavelength combination of red light and infrared light, repairs and renews your skin's deeper layers. Red light can nourish the skin and improve the skin's function. Near-infrared light penetrates even deeper than red light, reaching depths of over 15 mm beneath the skin's surface, against fine lines, nasolabial folds are more effective.

● **Red Mode (RED)**

- **Wavelength:** Red Light 620 nm
- **Function:** Stimulates collagen production, enhances skin elasticity, evens skin tone, and reduces fine lines and wrinkles.

○ **Near-Infrared Mode (NIR)**

- **Wavelength:** Near-Infrared Light 850 nm
- **Function:** Promotes blood circulation and tissue repair, enhances skin radiance and helps soothe sensitive and damaged skin.

● **Blue Mode (BLU)**

- **Wavelength:** Blue Light 460 nm
- **Function:** Anti-acne and cleansing, shrinking pores, repairing sensitive skin, relieving various discomforts for skin, and insist on using blue light can

improve the balance of skin water and oil. Improving Seasonal Affective Disorder (SAD).

● **Green Mode (GRN)**

- **Wavelength:** Green Light 520 nm
- **Function:** Normalizes sebaceous glands to reduce blackhead formation and moderate oil production. Suppresses excessive melanin production, reduces pigmentation. Reduces intraocular pressure. Alleviates migraines.

● **Purple Mode (PURP)**

- **Wavelength:** Combination of Red Light (620 nm) and Blue Light (460 nm)
- **Function:** Control oil secretion, brighten and fade dark spots, stimulate collagen production for firmer and more radiant skin.

● **Teal Mode (TEAL)**

- **Wavelength:** Combination of Blue Light (460 nm) and Green Light (520 nm)
- **Function:** Soothe the skin, enhance cell energy gradually, and has a good metabolism-facilitating effect.

● **Yellow Mode (YEL)**

- **Wavelength:** Combination of Red Light (620 nm) and Green Light (520 nm)
- **Function:** Improve rough skin and wrinkles, alleviate redness and sunburn, soothe the skin and gently promote collagen production.

○ **White Mode (WHT)**

- **Wavelength:** Combination of Red Light (620 nm), Blue Light (460 nm) and Green Light (520 nm)
- **Function:** Penetrates the skin deeply to accelerate tissue metabolism, decompose color spots, and improve the appearance of fine lines and aging skin.

ENG

08 Care and maintenance

- Store the LED Light Therapy Mask at room temperature in dry conditions. Use the carry bag provided.
- Avoid storing the LED Light Therapy Mask in dusty conditions, in direct sunlight or in damp and humid conditions.
- The LED Light Therapy Mask contains no serviceable parts.
- Before each use, with the device switched off, clean the face mask following the cleaning instructions below.

Cleaning the LED Light Therapy Mask

- DO NOT use any other cleansing products as these may damage the plastics.
- Clean the transparent (face side) of the mask and rear with a water-based wipe or damp clean cloth. Stubborn stains can be removed by wiping gently with 70% alcohol.

09 Explanation of symbols

There are several safety warning labels on the device, its packaging, and in the user manual. Not following these warnings may result in one or more of the following hazards:

CE The product conforms to applicable European Community (EC) Directives related to health, safety, and environmental protection standards. CE stands for "Conformité Européenne", which means European Conformity in French.

FC This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.
This device must accept any interference received, including interference that may cause undesired operation.

The product complies with the applicable UK legislation on safety, health, and environmental protection standards and meets the United Kingdom Conformity Assessed (UKCA) requirements for placing products on the Great Britain (England, Scotland, and Wales) market.

The Green Dot symbol (Der Grüne Punkt) indicates that the manufacturer contributes financially to a packaging recovery and recycling scheme in compliance with the European Packaging and Packaging Waste Directive 94/62/EC. It does not necessarily mean that the packaging is recyclable, but that the producer has paid a licensing fee to a certified packaging recovery organization.

The user should refer to the instruction manual or user guide for important safety information, operating instructions, and maintenance guidelines before using the product.

This warning symbol on the device label is a warning to read the enclosed documents before use and take all safety precautions required.

The product complies with the Battery Directive 2006/66/EC and its amendments and should not be disposed of as household waste. Batteries must be collected separately and properly recycled in accordance with local and national environmental regulations.

This marking indicates that the product should not be disposed of with other household wastes throughout the UK and EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of

material resources.



The product or packaging must be protected from moisture and stored in a dry environment to prevent damage caused by water or humidity.



The product or packaging should not be exposed to direct sunlight or strong UV radiation, as prolonged exposure may cause damage, degradation, or reduced effectiveness of the contents.



Temperature Storage Recommendation: It is recommended to store the product within the temperature range of 0° C to 30° C to ensure its safety, performance, and effectiveness. Storing the product outside this range may lead to potential damage, degradation, or malfunction.



Humidity Storage Recommendation: It is recommended to store the product within a humidity range of 20% to 60% RH to maintain its safety, performance, and longevity. Exposure to excessive humidity or dryness may lead to malfunction, oxidation, or battery damage.

10 Disposal guidelines

To protect the environment, dispose of the product and its components responsibly:

Packaging: Sort and recycle paperboard and cardboard through your local paper recycling service. Dispose of plastic wrapping with designated waste collections.

Device: Do not discard with household waste. Follow your city or country's regulations for electronic waste recycling. Bring the product to an official collection point when it is no longer usable.

Battery: Do not dispose of batteries in household waste. Regardless of chem-

ical content, used batteries must be taken to appropriate collection sites (e.g., municipal collection centers or retailers). Ensure the product is uncharged before recycling the device with the battery included.

11 Common malfunctions and solutions

1. After pressing a button on the remote control, the screen does not light up, or it lights up but does not display characters, or it flickers, preventing control of the mask.

Solution:

① Replace with two brand-new AAA batteries: You may use a toothpick or similar tool to remove the white silicone plug at the end of the battery cover, then use a standard screwdriver to remove the screw and fully open the battery cover.

② If the screen still does not respond after replacing the batteries, please contact us to replace the controller.

2. The mask cannot charge properly or fails to charge.

Solution:

① If the power button does not flash red when charging:

A flashing red light means the device has successfully recognized power input. If there is no red light, the issue may be related to the charging cable or adapter. Please use a high-quality, safety-certified charger that supports 5V output, along with a certified USB-C to USB-C cable.

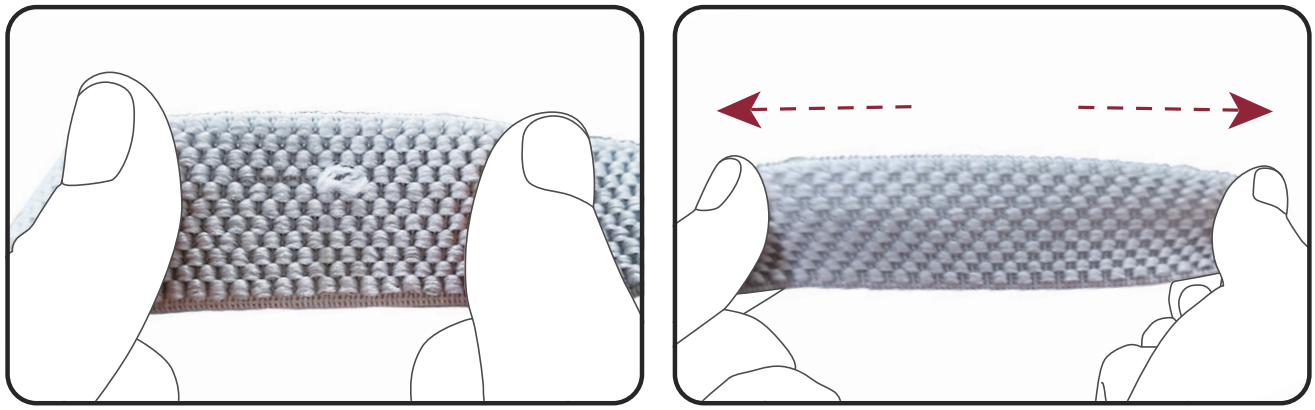
② If the power button does flash red, but the mask still won't turn on after several hours of charging:

Please contact our customer support team to arrange a free replacement.

③ If you're experiencing any other charging-related issues, please don't hesitate to reach out to our support team — we're here to help.

3. The woven straps of the face mask may have snags or excess threads.

Solution: The woven straps of the face mask are designed with excellent elasticity. If you notice snags or excess threads during use, grasp the straps on both sides of the problematic area with your hands and gently stretch outward with some force, repeating several times until the snagged portion is fully smoothed out, restoring its normal appearance and function.



12 Electromagnetic compatibility (EMC) declaration

This device complies with the electromagnetic compatibility (EMC) requirements of IEC 60601-1-2:2020 (4th Edition). It has been tested to ensure that it does not emit excessive electromagnetic interference and maintains safe performance when used in typical home environments.

Important Notes:

1. Do not use the device near strong electromagnetic sources such as radio transmitters, microwave ovens, or high-powered wireless devices.

2. Only use the original accessories provided with the product. Using unauthorized cables or power adapters may affect EMC performance.

3. Do not stack or operate this device closely adjacent to other electronic equipment unless verified to operate safely.

4. Avoid touching the connector pins without ESD protection. Anti-static precautions are recommended when handling the device.

5. The mask is suitable for residential and home healthcare environments.
6. For more technical EMC specifications, please refer to the full EMC Test Report or contact customer support.

13 Customer support and warranty service

If you have questions about the product or experience a problem during use, please contact us at supplychain@guanglukeji.com or +86 18538525836. Please provide the product model, order number or proof of purchase, and a description of the issue. Photos or a short video may help us assess the problem. We will review your request and provide troubleshooting guidance or an appropriate warranty solution in accordance with the applicable warranty terms.

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Contact us at:

supplychain@guanglukeji.com
+86 18538525836

FCC Warning

15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Warning Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment can be used in portable exposure conditions without restriction.

LED LIGHT THERAPY MASK

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