

SkinNelle™ Photon Mask

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Skinnelle.com

*SkinNelle™*

User Guide

SKINNELLE

# User Guide

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## Introduction

Thank you for purchasing the SkinNelle™ Photon Mask. This device uses colored LED lights to provide pure light to treat a variety of skin conditions and rejuvenate skin, while reducing scar tissue. Unlike other beauty devices, this mask provides high-quality LED photon treatment that has been scientifically validated, so you can achieve efficient results faster than you ever imagined.

Photon light therapy works by using the natural healing properties present in differing wavelengths of light to treat various skin tissue issues. These state-of-the-art LEDs provide the purest light possible, especially compared to systems that use more traditional bulbs. Modern semiconductor technology has allowed dermatologists to perfect what wavelengths of light are generated, meaning more of the healing energy of the light reaches the skin tissue.

Exposing the skin's tissue surface to light activates natural photoreceptors and allows the skin cells to absorb the energy found in the light. This process accelerates biochemical reactions in the skin tissue, ultimately, leading to faster healing times, while increasing the production of collagen. This can reverse some of the more heinous effects of ageing.

This technology is safe. Cosmetology experts agree these treatments have no noticeable side effects if they're administered correctly. Treatment methods provided by the LED photon mask are an important component of a complete skin care routine and should only be used for cosmetic purposes. This is not intended in any way to diagnose, treat, cure, or prevent any disease or diseases.

## Safety Information

Please read and make sure you understand each safety warning before using the SkinNelle™ Photon Mask and make sure you understand all of the maintenance and operating instructions. Failure to follow the information contained in this user manual could cause serious injury, damage the device, or possibly void the manufacturer's warranty.

Notifications are described in the text as follows:

**Warning:** Any hazard(s) that could cause serious injury or death to the user.

**Caution:** Any hazard(s) that could cause minor injuries.

**Notice:** Any hazard(s) that may, ultimately, damage the product or void the manufacturer's warranty.

## Warning

Performing any treatment with the LED mask on a person with serious absolute contraindications may cause serious injury. Talk to a doctor before using the device if you have any skin issues and do not perform treatments on a person with absolute contraindications.

Using the device near any flammable material could cause an explosion or fire, and may cause serious injury. Always check your surroundings before use and remove flammable materials.

Never use the LED mask around water and dry your hands before performing treatment. Do not use the LED mask around sinks, bathtubs, or any area with high humidity to prevent the risk of electrical shock.

Improper use of the LED mask could cause electrical shocks or burns. Therefore do not allow anyone who is unqualified to use it. This is not a toy and should not be given to children.

Always check the device before use to ensure it is undamaged. Use of a damaged device can be unsafe.

## Caution

Never perform any treatments with the device near areas for which relative contraindications apply. This can cause a minor injury.

Ensure skin is clean and dry before use. Never use the LED mask, while using any product that contains AHA or glycolic acid. This can cause unwanted levels of stress in the skin.

Remove all jewelry, piercing studs, and other metal objects before using the LED mask to reduce the risk of unexpected electrical shocks.

### Take Note

Always unplug the device correctly by holding the plug and removing it from the electrical socket.

Remember that improper maintenance or negligence can cause damage and void the warranty. This also refers to improper storage.

Taking care of your LED mask will ensure that it will last for years to come.

# Safety Instructions

1. Read these instructions, hold onto them, follow them, and always heed all warnings.
2. Never use the device near water or areas of concentrated humidity.
3. Disinfect the LED surface cover with a soft cloth and a light concentration of rubbing alcohol. Carefully clean the machine of all types of skin oil.
4. Always use the device in line with the manufacturer's regulations, and never block any of the ventilation openings on the side of the mask.
5. Do not use the LED mask near a heat register, stove, amplifier, radiator, or any other source of heat. Never place LED mask near an object that's wet or use it outside in the rain. Do not use the LED mask while in the shower and do not place water-filled objects, like vases, on top.
6. Protect the power cord from being walked on or pinched in any way. This is especially important at any point where the cord exits from the apparatus.
7. Only use the LED mask with attachments and accessories provided for it or specified by the manufacturer for use.
8. Unplug the LED mask during lightning storms or when it is unused for a long period of time. In order to disconnect the LED mask from power when not in use, the plug must be removed from the socket.
9. Service and technical support is necessary any time the LED mask has been damaged in any way, shape or form. This includes power cord or plug fraying, exposure to rain or moisture, abnormal operation, mechanical damage due to being dropped, or any time liquid or solid objects have been spilled or poured into it. If the device should need servicing, only refer to qualified service personnel.

## What is Included

- LED Mask Device
- Cable
- Control Box
- AC Power Adaptor

# Special Use Conditions

## WARNING

Use of the LED mask when the following conditions exist may cause serious damage to the skin. Do not perform a treatment if the person has any of these conditions:

### Absolute Contraindications

- Cancer
- Pregnancy
- Acute infectious disease or fever
- Epilepsy
- Nausea
- Heart disease
- Dysfunction or disorders of the nervous system
- Hemophilia
- Phlebitis or thrombosis
- After alcohol or drug consumption
- Inflammatory disease

## **CAUTION**

Use of the LED mask when the following conditions exist may cause potential damage to the skin. Do not perform a treatment if the person is affected by any of the following:

### **Relative Contraindications**

- Cuts or abrasions
- Metal pins or plates
- Vascular conditions
- Sinus blockages
- Hypersensitive skin
- Skin disorders or diseases
- Excessive body hair
- Infections
- Excessive metal fillings
- Sunburn
- Heavy bridge work
- Headaches or migraines



# Benefits of Photon LED Therapy

Recent cosmetology breakthroughs have shown that LED light therapy is effective for treating several aspects of skin ageing. Studies suggest this therapy can reduce the appearance of fine wrinkles, rough skin, shallowness of the flesh, and mottled hyperpigmentation. The LED light therapy increases both the proliferation and the initial production of collagen. A few studies have also suggested this therapy can cut down on the types of bacteria that cause spots and pimples. This might also help to eliminate breakouts and minimize the level of scar tissue.

Each of the colors of LED light have a different specific function. They are each selectable by way of the control box.

## **Red Light (~630 nm):**

This setting allows the LED mask to penetrate the skin more deeply. Red light penetrates the skin approximately 8-10 mm, which stimulates the cells that lie at this layer. Many are fiber cells, and stimulating them can aid in the production of collagen. It can reduce wrinkles and make skin elastic and smooth. It's ideal for improving skin in the area around the eyes and forehead. It works well to cut down on fine lines. Those who need to repair damaged skin will opt for this setting.

## **Blue Light (~415 nm):**

This setting allows the energy from the LED mask to penetrate the skin approximately 0.5mm. It's optimized for use with rashes and is suitable for skin that is sensitive or constantly oily. Blue light can help to reduce acne and even tighten skin that has loosened. It can quickly inhibit inflammation and possibly even destroy harmful bacteria.

## **Green Light (~525 nm):**

This setting can help with mixed skin complexions, and will help to brighten dulled skin that has lost its luster. Studies suggest that green light can help to clear the face's natural lymphatic system. It might even aid in providing relief for mental stress, which is of special importance, as many people use the LED photon facial mask while they relax.

## **Purple Light (~390 nm):**

This setting improves blood circulation with the function of promoting the activation of skin tissue. The purple light can strengthen the protein fiber tissue and shrink pores. It can also help to get rid of yellowish complexion and remove wrinkles and acne. At the same time, it accelerates blood circulation and lymph metabolism.

**Cyan Light (~490 nm):**

This setting provides gentle acne treatment and mitigates skin inflammation. It can be used to adjust and improve the gland function of oily, black, and pink skin as well as acne. Meanwhile, the cyan light is able to promote the synthesis of protein and collagen that activate skin cells and provide the relaxation of skin contraction efficiently.

**Yellow Light (~590 nm):**

This setting revitalizes the lymphatic and nervous systems, strengthens the muscular and immunological systems, while simultaneously improving and balancing sensitive skin. Yellow light improves microcirculation, adjusts factors, and inhibits melanin production in order to fade dark spots, freckles, and blemishes. This method of skin rejuvenation is recommended as an effective treatment for skin problems caused by age and sun exposure.

**White Light (Mix):**

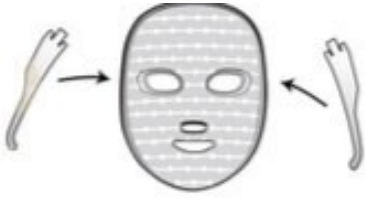
This setting synergistically helps activate your skin's natural renewal system to reverse the effects of aging at the same time restoring a younger and healthier skin.

**WARNING**

Be sure you never look directly into the LEDs.

These powerful semiconductor lamps are certified safe for use on skin, but can be potentially hazardous to delicate eyes.

## Use of the Device



Follow these steps to ensure proper operation during a treatment:

1 Attach the temples on each side of the SkinNelle™ Photon Mask, so that the mask can be worn comfortably on the face. Attach the elastic strap onto each side of the neck treatment part and adjust the strap for a comfortable fit. Make sure the Photon LED Mask is never worn too tightly against the face.



2 Plug in the USB wire into the upper side of the control box. Do not force the USB plug into the jack. If it does not fit, turn the plug around and carefully try and insert in the opposite direction.

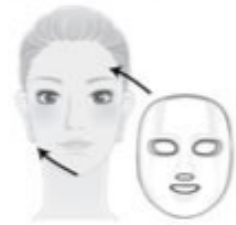
3 Disinfect the surface with a solution of alcohol if necessary. Make sure your face is clean before using the mask.

4 Use a serum, ion gel, essence or cream on the face and neck to achieve the best results.



5 Place the mask over the face, using the strap to hold the neck and mask in place. Adjust the straps as required. You may wish to lie back to ensure good contact.

**Be sure you never look directly into the LEDs**





6 Press the button marked Power to turn on the unit. A green indicator LED will switch itself on when this button is pressed.



7 Press the Start/Stop button to turn on the mask LEDs



8 Use the color button on the control box to toggle between the desired color settings of the mask.



9 Select a power level by using the Energy buttons. The highest level is five (5).



10 Select a time limit for the mask, using the duration +/- buttons. The highest duration is 60 minutes.



11 To charge the controller please plug it into a power socket.

It's suggested that you do not use the mask for more than 20 minutes each time. The suggested operating time is between 10 and 15 minutes. More than likely, you will want to start with one 10-minute treatment, 4 times a week to start, unless otherwise directed by a doctor. Once you have achieved your initial goals, you will, more than likely, want to drop down to using the device only twice a week. As the LEDs provide a pure and powerful output, these few treatments will be sufficient.

The mask will automatically shut the LEDs off, once the time limit runs out. To turn the device off before 10 minutes, use the ON/OFF switch on the control box.

Other time amounts can also be specified with the control box. If you have sensitive skin, then you may wish to start with short periods of time and work your way up. Never go beyond whatever level you feel is comfortable.

## Maintenance

- Be sure to unplug the device properly by holding the plug and removing it from the AC outlet.
- Disinfect the mask surface with 70% alcohol and a soft cloth after each use.
- Immediately dry the surface any time it comes into contact with moisture, chemicals, or water.
- Always keep the device clean and sterilized.
- Store the device in a clean and dry place.

## Warranty

This SkinNelle™ Photon Mask comes with a full one year warranty against any defect in manufacturing. This does not cover damage caused by any accident, abuse, negligence, or misuse.

The warranty will be void if an unapproved power supply has been used, or if the proper power supply was used with an inappropriate voltage specification.

## Specifications

- Red Light Photon Wave Length: 630nm  $\pm$  5%
- Blue Light Photon Wave Length: 415nm  $\pm$  5%
- Green Light Photon Wave Length: 525nm  $\pm$  5%
- Purple Light Photon Wave Length: 390nm  $\pm$  5%
- Cyan Light Photon Wave Length: 490nm  $\pm$  5%
- Yellow Light Photon Wave Length: 590nm  $\pm$  5%
- Power Output: 5.1W
- Input Voltage: 100V-240V

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