UNICSKIN

YOUR EFFECTIVE SOLUTION

UNICLED HELMET OMEGA 5.0

DESIGNED BY SCIENCE.
DRIVEN BY RESULTS.

LLLT SCALP SYSTEM WITH RED LED + NIR TECHNOLOGY

SUPPORTS HAIR FOLLICLE VITALITY &
PROMOTES NATURAL HAIR GROWTH

- 100% WIRELESS
- ERGONOMIC & FLEXIBLE FIT
- ANTIBACTERIAL MEDICAL-GRADE SILICONE
- BLUETOOTH FOR MUSIC
- ULTRA-LIGHTWEIGHT
- FULL-SCALP COVERAGE

USER MANUAL

LET'S GET STARTED

Congratulations! You've taken the first step toward stronger, healthier hair with greater density. At UNICSKIN, global experts in Techno-Beauty devices, we bring professional scalp and hair care technology into your hands—designed for home use with maximum efficacy and comfort.

Before using this device, please read all instructions and safety precautions carefully, and use it exclusively for the purposes described in this manual.

INTELLIGENT SCALP SYSTEM

UNIC**LED HELMET 5.0 OMEGA** is a **wireless scalp device** that uses **LLLT Photobiomodulation Technology through red LED light and Near-Infrared (NIR) light**. Its action is designed to **stimulate microcirculation** in the scalp, **enhance the follicular environment**, and **support healthy hair growth**. UNICSKIN brings the same professional-grade scalp technology used in dermatological clinics to your daily routine—**combining safety, clinically studied efficacy, and the convenience of at-home use**.

What Technology does it use?

The term **LLLT** (Low-Level Light Therapy) refers to a **low-intensity light technology** based on the controlled emission of light at specific wavelengths, clinically studied for its ability to **support physiological processes without generating heat or damaging tissues**.

Originally developed in medical and scientific contexts, this technology has since been adapted to the cosmetic field as a non-invasive solution to support scalp health, stimulate superficial microcirculation, and enhance follicular vitality.

In the case of UNIC**LED HELMET 5.0 OMEGA**, the combination of red LED light and NIR light works synergistically to optimize these functions, helping to create ideal conditions for healthy hair growth at home, with proven safety, comfort, and validated efficacy.

RED LED LIGHT (650 nm)

Red light effectively penetrates the dermis, where it stimulates microcirculation and helps improve the follicular environment. This stimulus promotes better oxygenation and nutrient delivery to the area, supporting overall hair vitality and appearance. Regular use helps visibly improve the quality, thickness, and apparent density of the hair, contributing to a more balanced and healthier scalp.

NEAR-INFRARED (NIR) LIGHT (850 nm)

With a longer wavelength and invisible spectrum, NIR light reaches deeper layers of the scalp, where it has been widely studied for its ability to activate cellular processes linked to ATP synthesis, an essential molecule in energy metabolism. This stimulus helps to optimize the functional environment of the hair follicle, supporting scalp vitality and visibly improving the quality, strength, and density of the hair with consistent use.

This dual-light technology is widely used in professional hair care centers and dermatological clinics. UNIC**LED HELMET OMEGA 5.0 adapts this science into a safe, non-invasive, home-use format**, allowing users to integrate advanced scalp care into their daily routine with **just 10 minutes of use.**

THE ONLY HELMET WITH AI-POWERED SCALP DIAGNOSIS

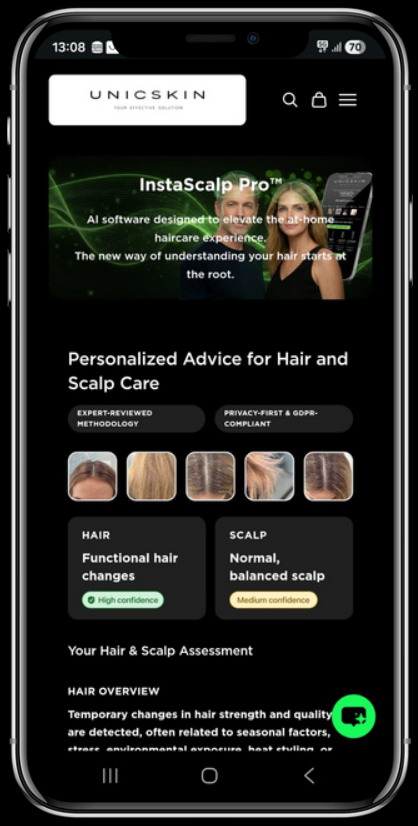
InstaScalp Pro™ is an **AI-powered scalp diagnosis software** trained with clinical data, designed to **deliver an expert-level assessment of scalp health in just 2 minutes**—without invasive procedures or in-person consultations.

Its technology **analyzes multiple key scalp parameters**, detecting potential imbalances such as **skin barrier dysfunctions, progressive hair thinning, signs of inflammation, sebum overproduction, dryness, and hair loss** of hormonal or genetic origin, along with other factors that directly impact follicular health.

This tool was **developed by engineers and validated by trichology specialists**, giving both professionals and at-home users access to clinical-grade diagnostic precision through any smart device.

The synergy between InstaScalp Pro™ and UNICLED HELMET OMEGA 5.0 transforms LED and NIR light care into a **truly personalized ritual, tailored to the real needs of each scalp.**

- ✓ 92% diagnostic accuracy
- ✓ Developed by engineers, endorsed by physicians
- ✓ Accessible anytime, anywhere, from any smart device



BENEFITS

EFFECTIVE & SAFE TECHNOLOGY

- **Non-invasive scalp stimulation:** The combination of red light (650 nm) and NIR light (850 nm) activates microcirculation, supports cellular metabolism, and promotes scalp revitalization.
- **Clinically validated LLLT photobiomodulation:** Utilizes scientifically backed wavelengths to help support natural hair growth and strengthen the follicular environment.
- **No heat or side effects:** The light energy is absorbed at the mitochondrial level without damaging the tissue, ensuring a safe, effective, and comfortable experience.

SMART DESIGN & PREMIUM EXPERIENCE

- **352 high-precision LED lights:** Strategically distributed to provide full and even scalp coverage.
- **Medical-grade silicone interior:** Hypoallergenic, antibacterial, and flexible—ideal for shared use and maximum comfort.
- **100% wireless and ergonomic:** Adapts to the shape of the head without pressure, allowing full freedom of movement during each session.
- **Integrated Bluetooth connectivity:** Listen to your favorite music or podcast while enjoying your daily treatment.
- **Smart power-off function:** The device automatically shuts off after 10 minutes to ensure the exact light dosage per session.

CLINICALLY TESTED RESULTS & PROFESSIONAL-GRADE HAIR MAINTENANCE AT HOME

- **Up to 35% increase in hair density in 16 weeks:** Independent clinical study conducted on 41 patients over 16 weeks. Individual results may vary.
- **Significant hair shedding reduction in 12 weeks:** Independent clinical study conducted on 140 patients over 12 weeks. Individual results may vary.
- **Up to +41.9 hairs/cm² in hair density in 16 weeks & Improves hair thickness in 16 weeks** - Randomized, double-blind, sham-controlled in vivo clinical study with 59 participants (women and men, 19–65 years) with androgenetic alopecia. Protocol: photobiomodulation helmet (655 nm; average power density 2.56 mW/cm²), 25 min every other day for 16 weeks. Individual results may vary.
- **Strengthens the hair follicle and improves overall hair vitality.**
- **Compatible with topical products and targeted trichological routines**, such as the Root Defense Lab protocol.
- **Suitable for all hair types**, including sensitive scalps and color-treated hair.

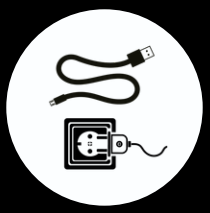
UNIC**LED HELMET OMEGA 5.0 ACCESORIES**

The UNIC**LED HELMET OMEGA 5.0** comes in an elegant box that includes everything you need to begin treatment comfortably, safely, and efficiently.

UNIC**LED HELMET OMEGA 5.0** Device

Remote Control / Battery

Travel Case

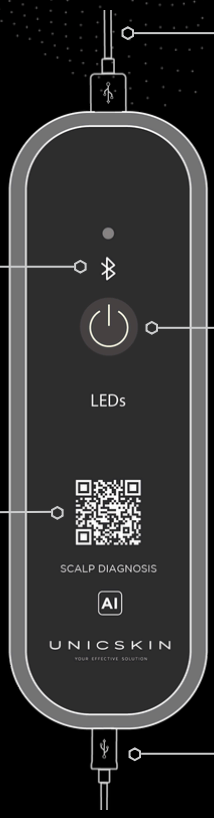


USB-C Charging Cable

Quick Start Guide

It is recommended to combine daily use of the helmet with the **ROOT DEFENSE LAB** hair routine—an advanced protocol formulated to stimulate growth, strengthen the follicle, and maintain scalp balance.

USAGE OVERVIEW: CONTROL UNIT



USB PORT FOR HELMET CONNECTION

Connect the cable from the helmet to this port. It transfers power from the control unit (battery) to the device during the session. This is not a charging port.

TOUCH BLUETOOTH BUTTON

Press and hold for 2 seconds to activate Bluetooth and connect your mobile device. Enables you to listen to music or podcasts during your session for a more immersive and relaxing experience.

POWER BUTTON (ON/OFF)

Press once to turn the device on or off. The helmet automatically shuts off after completing the 10-minute session.

InstaScalp Pro™ QR CODE

Scan the QR code to access InstaScalp Pro, the AI-powered scalp diagnosis tool. Get a personalized scalp analysis and recommendations tailored to your specific needs.

CHARGING PORT (USB Type-C)

This is the only charging port on the control unit. Use the included USB-C cable to fully charge the device in 3–4 hours.

HOW TO USE

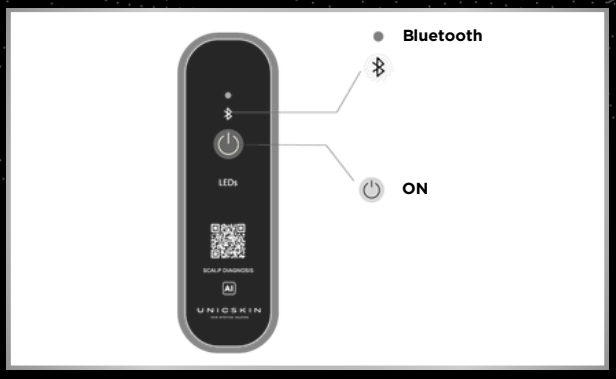
To achieve optimal results, follow these 4 simple steps:

STEP 1

Fully charge the battery using the charging port. Scan the QR code located on the control unit to access InstaScalp Pro™, our AI-powered virtual diagnosis tool. You will receive a professional scalp analysis and personalized recommendations to enhance the effectiveness of your treatment.

STEP 2

Once the device is fully charged, connect the USB cable to the upper port of the control unit. Adjust the helmet to your head size using the removable padded straps, and place it securely on your head. Make sure your scalp is clean and dry to ensure optimal light penetration during the session.



STEP 3

Press the power button to start the treatment. If you wish to enjoy music or podcasts during the session, press and hold the Bluetooth touch button for 2 seconds to pair your mobile device.

STEP 4

Once started, the helmet operates the treatment automatically. Just relax—the session lasts 10 minutes, and the device will turn off on its own when finished.

For optimal results, **it is recommended to follow an initial 3-month treatment phase, using the helmet for 10 minutes per day, 7 days a week, always on a clean scalp** to ensure effective light penetration.

After this initial phase, continue with **3 to 4 sessions per week as a maintenance routine t**o preserve and extend the results over time. (Inglés)

We recommend following the personalized routine provided by your InstaScalp Pro™ diagnosis, tailored to your specific scalp needs.

SAFETY PRECAUTIONS

- This device is intended exclusively for aesthetic purposes and must only be used according to the instructions provided in this manual. It has not been tested for other uses.
- Use only on a clean scalp, with dry or damp hair. The device is not waterproof and must not be used in the shower or exposed directly to water.
- During treatment, avoid direct eye exposure to the LED light.
- This device is intended exclusively for adults over 18 years of age. It must not be used or handled by minors.
- If you are undergoing medical treatment for hair or scalp conditions, consult your specialist beforehand to establish an appropriate combined-use protocol.
- It may be used on a sensitive scalp, psoriasis, or during recovery after a hair transplant, provided there is no active complication or medical advice against its use. If in doubt, consult a healthcare professional.
- Although this is a safe and non-invasive technology, we recommend consulting a doctor before using the device during pregnancy or while breastfeeding.
- Discontinue use in case of excessive heat, unusual skin sensation, dizziness, discomfort, or any unexpected reaction. Consult a healthcare professional if symptoms persist.

- Do not modify, repair, or tamper with the device or charging system internally. Any alteration will void the warranty and may compromise user safety.
- Do not use the device if it has been dropped or shows visible structural damage. Using a damaged device may result in malfunction.
- Do not store the product in humid environments, in direct sunlight, or in places exceeding 40°C, in order to preserve the integrity of its components.
- For cleaning, use only a soft cloth or a suitable disinfectant wipe, preferably alcohol-based. Do not use acetone, strong solvents, or abrasive products. Do not immerse the device in water.

FREQUENTLY ASKED QUESTIONS

1) What is LLLT technology and how does it work on the scalp?
LLLT stands for Low-Level Light Therapy. It is a non-invasive technology that uses specific wavelengths to stimulate biological processes in the scalp without generating heat or damaging the tissue.
In UNICLED HELMET OMEGA 5.0, this technology combines red LED light (650 nm) and near-infrared NIR light (850 nm) to help reactivate hair follicles, stimulate microcirculation, and support a healthier scalp environment.

2) How does red LED + NIR technology act on the scalp?
Red LED + NIR technology works on the scalp at a cellular level. A hair follicle is the structure in the skin where hair is formed and grows, and its activity depends largely on the energy available within its cells.
Red LED light (650 nm) helps stimulate microcirculation in the more superficial layers of the scalp, improving the supply of oxygen and nutrients around the follicle. NIR light (850 nm) reaches deeper layers and acts on the mitochondria, promoting the production of ATP, the main molecule of cellular energy. This energy is what cells need to sustain key processes related to follicular activity, cellular renewal, and the maintenance of a healthy scalp environment.
With consistent use, this combination helps keep the follicles in better condition to support hair that looks stronger, denser, and more resilient.

3) Can it help in cases of androgenetic alopecia, and at what stages is it most useful?
Yes. UNICLED HELMET OMEGA 5.0 is especially intended for cases of androgenetic alopecia and progressive hair thinning. In this type of hair loss, DHT (dihydrotestosterone) promotes the progressive miniaturization of the follicle in predisposed individuals. LLLT technology with red LED (650 nm) + NIR (850 nm) does not act as a hormonal inhibitor, but it does help stimulate microcirculation, support the activity of viable follicles, and improve the scalp environment to help maintain density, thickness, and the overall quality of the hair with consistent use.
It is especially suitable for early and moderate stages, when there is still follicular activity and therefore room for response to treatment. Clinically, this includes the stages of androgenetic alopecia commonly described as II to V in men and I to II in women. In this context, the available evidence for this technology shows visible improvements in hair density, thickness, and the amount of visible hair after continued use.

4) How does LLLT technology influence the anagen phase of the hair?
Hair goes through different stages within its natural cycle: anagen (growth), catagen (transition), and telogen (shedding and renewal). The anagen phase is the stage in which the follicle is most active and hair grows with greater vitality.

LLLT technology with red LED (650 nm) + NIR (850 nm) helps improve the biological environment of the follicle, supporting microcirculation and the cellular energy needed to sustain its activity. In practical terms, this helps support viable follicles so they can maintain a more active growth phase and reduce the impact of progressive thinning, which may translate into improved density, thickness, and overall hair quality with consistent use.

5) When do results start to become visible?
The first changes are usually noticed with consistent use over the first 3 months, during which the technology helps significantly reduce hair shedding. From the fourth month onward, optimal results are reached, with hair appearing visibly denser, thicker, and fuller. Clinical studies conducted with this technology have shown results of up to +35% more visible hair in 16 weeks and up to +41.9 hairs/cm^2 in hair density. Individual results may vary.

6) How often should I use it?
It is recommended to use UNICLED HELMET OMEGA 5.0 every day for the first 3 months in order to start seeing the first visible results. For optimal results, the protocol should be maintained for up to 4 months. After that, it can be continued as a maintenance routine 3–4 times per week. As an intensive density-boosting support, it can be combined for 1 month with BIOTIN-B5™ Complex Hair Density Ampoules.

7) Can I use it for more than 10 minutes a day?
The recommended protocol is 10 minutes per session, as this is the duration designed to provide an effective dose that is comfortable and easy to maintain within a daily routine. Using it for longer does not necessarily lead to better results. With this type of technology, the key lies in consistent use rather than extending each session. It can be compared to cardiovascular exercise: training regularly and consistently is usually more important than making a single session excessively long. However, LED and NIR technology is harmless, non-thermal, and safe to use, and even if it is used for longer, it does not cause adverse effects.

8) Is LED + NIR technology better than laser for hair growth?
In hair photobiomodulation, what matters most is not only the type of light source, but also the combination of wavelengths, the energy delivered to the scalp, and the uniformity of coverage. For this reason, rather than comparing technologies in isolation, what really matters is having a system capable of acting constantly, evenly, and effectively across the entire scalp. UNICLED HELMET OMEGA 5.0 combines red LED light (650 nm) and near-infrared NIR light (850 nm) with LLLT technology to provide complementary action in both superficial and deeper layers of the scalp. Thanks to its 352 diodes and an irradiance of 5.5 mW/cm^2, it delivers energy in a uniform, safe, and continuous way, helping to stimulate microcirculation, improve the follicular environment, and support hair vitality from the root.

9) Can I use it on dry or wet hair?
Yes. It can be used on both dry hair and damp or towel-dried hair without affecting its performance. The important thing to remember is that the device is not waterproof, so it should not be used in the shower or exposed directly to water.

10) Can I combine it with other specialized topical treatments (ampoules/lotions/minoxidil)?
Yes. The device is designed to be easily integrated into advanced scalp care routines. For better synergy, use it on a clean scalp and maintain a consistent routine: first apply your leave-in topical treatment, then use the device immediately afterwards to complete the session.

We recommend combining the daily LED + NIR sessions with BIOTIN-B5™ Complex Hair Density Ampoules, helping to reinforce density, strengthen the hair from the root, and support long-term hair vitality.

11) Can I use it if I have a sensitive scalp, psoriasis, or a hair transplant?
Yes. UNICLED HELMET OMEGA 5.0 can be used on a sensitive scalp and also in situations where the scalp needs regenerative support, such as small superficial lesions, sensitized areas, psoriasis, or recovery phases after a hair transplant, provided there is no active complication. Its red LED light (650 nm) + NIR (850 nm) technology helps stimulate microcirculation, support cellular activity, and improve the follicular environment, while also supporting the scalp's natural regeneration processes and helping reduce inflammation.
It should not be used on major open wounds, active scalp infections, or lesions requiring specific medical follow-up. In cases of severe active psoriasis or after a recent medical procedure, the guidance of a specialist should always be followed.

12) Can it be shared by more than one person?
Yes. It can be shared safely as long as proper hygiene is maintained. Its interior is made of medical-grade leather and silicone, is hypoallergenic, and 100% antibacterial, helping ensure hygienic and comfortable use even when shared by more than one person.

13) How should it be cleaned properly?
It is recommended to clean the inside before and after each use with a suitable disinfectant wipe, preferably alcohol-based. It must not be immersed in water or cleaned under running water.

14) Is it suitable for all hair types?
Yes. UNICLED HELMET OMEGA 5.0 is suitable for all hair and scalp types, including colored, chemically treated, or sensitized hair.

15) How long does each session last?
Each session lasts 10 minutes. The device switches off automatically at the end of the treatment.

16) Can I use a disposable cap while using the device?
Yes. A thin, transparent disposable cap may be worn underneath the helmet for hygiene purposes without affecting the performance, comfort, or safety of the treatment.

17) Can the device be used during pregnancy or while breastfeeding?
Although UNICLED HELMET OMEGA 5.0 is a safe and non-invasive device, we recommend consulting a doctor before using it during pregnancy or while breastfeeding.

CUSTOMER SERVICE

If you have any questions or comments you would like to share with us, please contact us at: customerservices@unicskin.com

TECHNICAL SPECIFICATIONS

- **Capacity:** 2600 mAh (9.62 Wh)
- **Nominal Voltage:** 3.7V | **Maximum Charging Voltage:** 4.2V | **Maximum Output Power:** 6W
- **Frequency:** 50–60 Hz
- **Voltage:** 110–240 V
- **Maximum Operating Current:** DC 10 V 1000 mA
- **Number of LEDs: 352**
- **Irradiance:** 5.5 mW/cm²
- **Energy Density:** 2112 J per 10-minute session
- **Model:** HG-150B
- **Wavelengths:**
  - Red Light Wavelength: 650 ±10 nm
  - NIR Light Wavelength: 850 ±10 nm

DISCLAIMER

This product is not intended to diagnose, cure, or prevent any disease. UNICSKIN S.L. makes no claims regarding the ability of this product to treat any physical, mental, or skin condition. For any health concerns, please consult a qualified medical professional.

WARRANTY

Except in the case of a manufacturing defect, no returns will be accepted for products purchased through our website (www.unicskin.com) once they have been used and activated. If the product was purchased outside our official website, please refer to the warranty policy provided by the retailer, which in no case will replace this warranty policy.

If the product packaging has not been opened, UNICSKIN will accept returns within 14 days from the date of purchase. All return costs and risks are the responsibility of the customer. The product must be returned in its original packaging, along with the original proof of purchase. Please contact our Customer Service team at customerservices@unicskin.com or by phone at +34 912 797 377 to receive instructions on where to send the product.

In the event of a manufacturing defect, and within two years from the date of purchase, the return of any of our Techno-Beauty products may result in a replacement with the same product (in which case UNICSKIN will cover the return shipping costs), a refund, or a price reduction if the defect is minor or if the condition of the product at the time of the claim does not justify a replacement due to the time elapsed. In all cases, it is necessary to retain and present the receipt or invoice showing the purchase date clearly.

Additionally, UNICSKIN reserves the right to carry out appropriate checks on the product, which may include requesting photos or evidence of the reported issue, or the return of the defective product. Initially, return shipping costs will be borne by the customer, and reimbursed if the issue is confirmed to be a manufacturing defect. This warranty does not cover damage caused by improper storage, maintenance, or any other form of misuse or handling by the customer.

This product complies with applicable legal and regulatory standards in the European Union as of the date of manufacture and distribution.

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GLOBAL EXPERTS IN TECHNOBEAUTY & AT-HOME SKINCARE

SCIENTIFICALLY PROVEN, EFFECTIVE RESULTS

SUSTAINABILITY & 92%+ NATURALLY DERIVED FORMULAS

INNOVATIVE LUXURY WITHIN YOUR REACH