



# RED CAP

INSTRUCTION MANUAL



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# Meet Your UltraLux Red Light Therapy Cap

**Congratulations on taking this next step in your hair growth journey by purchasing the UltraLux Red Light Therapy Cap!**

Other hair regrowth methods can achieve results, but they are often short-term and laced with unwanted chemicals. **Using natural, FDA-cleared wavelengths, the UltraLux Red Light Therapy Cap delivers impressive hair growth results that are here to stay.**

We hope you'll enjoy the expert-level regenerative and therapeutic aspects of red light therapy within your own home, on your own time.



# What Sets the UltraLux Red Cap Apart?

**Clinically-proven Hair Growth Wavelengths:** The UltraLux Red Cap is built for optimal hair regrowth, which is why it includes 630, 850, and 940 nanometer wavelengths — the most effective wavelengths for hair regrowth and scalp health.

## **Pulsed & Continuous Light Therapy**

The Red Cap has two treatment modes for enhanced follicular stimulation: pulsed and continuous therapy mode. These two treatment modes allow for faster results and thicker growth.

## **Powerful Hands-free Red Light**

The UltraLux Red Cap is one of the most powerful red light products on the market, with an irradiance up to 205 mW/cm, so you can experience better hair growth results.



# Health Benefits from Using the Red Cap

There is a wide range of benefits that come from frequently using the Red Cap, and these are just a few.

## Nanometers\*

## Infrared Light



### 660nm

Promotes long-lasting hair regrowth results

Proven process for follicular and cellular stimulation

Treats common skin disorders such as psoriasis and dermatitis

Revitalizes and strengthens damaged hair

### 850nm

Reverses sun damage and age spots

Improves brain function and memory

Increases circulation and blood flow to the scalp

Promotes connective tissue health and strength

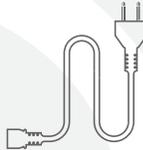
Reduces cellular inflammation

\*Nanometers are the units of measure for light wavelengths.

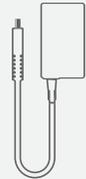
# Included With Your UltraLux Red Cap



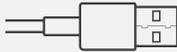
**1x** UltraLux Red Light Cap



**1x** Power cord



**1x** Adaptor

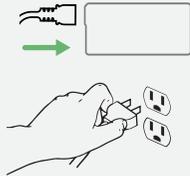


**1x** USB Cable

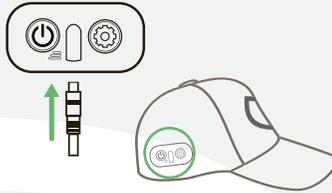


**1x** User Manual

# How to Use



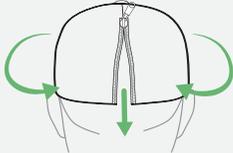
1. Start by plugging the provided power cord into a power outlet on your wall. Then plug the female end of the power cord into the connecting power bank.



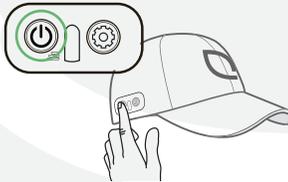
2. Next, attach the connecting cord from the power bank into the Red Cap port on the side of the Cap.



3. Place the Red Cap on your head, making sure to cover as much hair as possible.



4. Zip up the cap according to your head shape and size. You can adjust the zipper to ensure a snug, but comfortable fit.



5. Then select your desired treatment session. See Red Cap Functions for instructions on how to adjust wavelengths and other features.

For safety and quality results, we recommend your session does not exceed 30 minutes.



**FOR VIDEO INSTRUCTIONS  
SCAN THIS QR CODE WITH  
YOUR PHONE'S CAMERA**

# Red Cap Functions

All functions of the Red Cap can be initiated through the **Power Button**  on the side of the Red Cap. With ease, you can adjust settings by holding the power button for different durations. **Remember that the Red Cap must first be powered on in order to change to different modes.** Refer to the following modes.

## Pulse Therapy Mode

This mode of pulsed red light therapy will promote hair growth by enhancing blood flow to the hair follicles and stimulating cellular activity. This mode may be preferred and allow for more targeted treatment by delivering light in specific intervals.

**To initiate the Pulsed Therapy Mode, first turn the cap on by pressing the power button.**



Next, press and hold the power button on the side of your UltraLux Cap, approximately 3-5 seconds, until the **Power Button illuminates blue**. Then all red and near infrared LEDs (630nm, 850nm, 940nm) will come to pulse mode.

- 1x  Press power button again, and only the red LEDs (630nm) will come to pulse mode.
- 2x  Press again, and only the near infrared LEDs (850nm and 940nm) will come to pulse mode. The near infrared light is invisible to the human eye but you will know the LEDs are in pulse mode by the illuminated blue power button.
- 3x  Press again, and all LED diodes will turn off.

# Red Cap Functions

## Continuous Therapy Mode

Continuous mode is straightforward and allows you to focus on specific areas of the scalp continuously, ensuring consistent exposure.

**To initiate the Pulsed Therapy Mode, first turn the cap on by pressing the power button.**



**To initiate the Continuous Therapy Mode, press the power button once quickly, and the Power Button will turn green.**

- 1x  **Once green, press the power button once and all LEDs (630nm, 850nm, 940nm) will come to continuous light mode.**
- 2x  **Press again, and only the red LEDs (630nm) will come to continuous mode.**
- 3x  **Press again, and only the near infrared LEDs (850nm and 940nm) will come to continuous mode. The near infrared light is invisible to the human eye but you will know the LEDs are in pulse mode by the illuminated green power button.**
- 3x  **Press again, and all LED diodes will turn off.**

# Red Cap Functions

## To Adjust Brightness Settings

There are 3 different Brightness Settings, signified by the three lines next to the power button. You can adjust the brightness on both **Continuous** and **Pulsed Therapy Modes**.

All Brightness Settings are initiated using the **Settings Button**  located next to the power button. The default brightness is 50%.



**75% Brightness**



**100% Brightness**



**50% Brightness**

## Troubleshoot

If you are experiencing difficulty with your Red Cap, we recommend powering off your device and unplugging each cord from the Red Cap. Then unplug the power cord from the power outlet of your wall.

Then reconnect the cord to the Red Cap, and the connector to the power outlet. This will support the device in resetting.

# Frequently Asked Questions

## **How does red light therapy work?**

*Red light therapy delivers natural, non-invasive wavelengths of light to the cells in our bodies. When these light wavelengths are absorbed, the mitochondrion are stimulated, creating more energy within our bodies. As a result, this cellular energy is used to increase the health and effectiveness of our bodily functions.*

## **Are there side effects from using this device?**

*Red light therapy is not associated with any adverse side effects if used as directed.*

## **How long will it take to notice results?**

*You may start noticing visible results in as little as 4 weeks of consistent use. Individual results may vary depending on hair type and condition. We recommend using the UltraLux Red Cap for at least 8 weeks for noticeable results.*

## **What is irradiance?**

*Irradiance measures the strength and effectiveness of a light wavelength. UltraLux uses high irradiances on all red light therapy products to ensure real, powerful results.*

## **Will I get a tan from using the Red Cap?**

*No, you will not get a tan. The wavelengths used in all of the UltraLux red light products do not contain UVA or UVB rays, meaning there is no risk of tanning or sun damage.*

# Frequently Asked Questions

## **Does my hair need to be short to use the Red Cap?**

*No! Red and infrared light therapy will be able to reach your scalp in most cases. If you are concerned, please discuss this with our UltraLux Customer Support.*

## **Does red light therapy hurt?**

*No, it should not hurt. Red light therapy should feel like a comfortable, slight warmth. If you experience irritation, stop using and consult a medical professional right away.*

## **Do I need a prescription from my doctor to use the Red Cap?**

*Not at all! Our cap uses FDA-cleared wavelengths that can be bought over-the-counter for anyone experiencing scalp or hair issues. If you have any concerns, please do reach out to a medical professional.*

## **Is the Red Cap battery-operated?**

*No need to worry about buying batteries separately! The Red Cap is operated through a power cord connected to a power source during treatment session use.*

## **How long can I use the Red Cap for?**

*For best results, use the Red Cap for 1-2, 15-minute sessions daily for a minimum of 4 weeks. We strongly advise you to only use the Red Cap for these recommended time allotments. Do not exceed 30 minutes per treatment session.*

# Safety Instructions



**This device is water-resistant,  
NOT WATERPROOF.**

Do not submerge the Red Cap or its  
components in water.

**Not intended for use by children or  
pregnant women.**

**Do not exceed 30 minutes per  
treatment session.**

## **Consult Your Doctor if You:**

**Have any medical questions  
regarding red light therapy.**

**Experience negative reactions or  
effects from using this device.**

**Are taking drugs or medication  
known to cause light sensitivity.**

# Care Instructions

Taking care of your UltraLux Health Red Cap is essential for maintaining a functioning and effective red light device. By properly storing and cleaning it, you can continue to receive quality results with your Red Cap.

## **To clean the Red Cap:**

**Make sure all cords are disconnected, and that the cap is powered off.**

**Use a damp cloth or paper towel to wipe the Red Cap. Only clean the  
outside silicone portion of the cap, avoiding the LED diodes and  
panels.**

**Never submerge your cap in water or other liquids.**

**Allow your Red Cap to air dry before using it again.**

**We recommend cleaning your device after each use.**

# Warranty

All new UltraLux Health products come with a **1-year manufacturer warranty, and only valid for the original buyer**. In order for the warranty to apply, the item must be in like new condition, excluding the defect. Contact **support@ultraluxhealth.com** with photo or video evidence of the defective item. Whether or not the item is covered under warranty is under full discretion of UltraLux Health. If the item is covered, a replacement item will be shipped to the customer at no cost to the customer. Warranties cover labor, defective parts, and the return shipping of the new/repaired product to the customer.

## Contact For Assistance

Now that you know exactly how to operate and use your UltraLux Red Cap, it's time to take full advantage of the amazing benefits!

**Feel free to reach out to our customer service team with any questions or concerns**



✉ Support@ultraluxhealth.com   💬 Live Chat : ultraluxhealth.com

☎ 385-360-9755 or Internationally Toll Free at: 855-479-4149

M-F 9:00am - 5:00pm MST



# RED CAP

HEALTH GUIDE



# UltraLux Red Cap Health Guide

The UltraLux Health Red Cap has benefits for all types of skin and hair conditions. Whether desiring to achieve hair growth or simply want to improve uncomfortable scalp conditions, the Red Cap can be your solution. This Red Cap Health Guide will provide you with information to facilitate quality results.

## Supported Principles of the Red Cap

Red light therapy (RLT) supports various principles related to internal biological processes that promote hair, skin, and mental health. The UltraLux Red Cap supports these same processes while targeting the scalp, hair, and brain. Additionally, we advise consulting a doctor if you have questions about a specific condition related to these targeted areas. However, if your specific condition would improve by experiencing a principle listed below, then the Red Cap is right for you!



### Increased Collagen

Collagen is a structural protein that provides support to the skin and hair. Red light therapy has been associated with increased collagen production, contributing to the strength and resilience of the scalp and hair.



### **Stimulation of Cellular Activity**

Red light therapy enhances cellular function by promoting increased energy production (ATP) within the cells. This may lead to improved cell metabolism and overall cellular health in the body.



### **Reduction of Inflammation**

There are anti-inflammatory effects within red light therapy that can reduce inflammation in the scalp. This can be particularly relevant for conditions associated with scalp inflammation, such as certain types of alopecia.



### **Increased Blood Circulation**

Red light therapy stimulates blood flow in the head. Improved circulation can potentially deliver more oxygen and nutrients to the cells, aiding in the healing process and promoting hair follicle health.



### **Mental Health**

Exposure to red light is believed to stimulate cellular activity, particularly in the mitochondria, leading to enhanced energy production and improved neurotransmitter function. The release of certain neurotransmitters, such as serotonin and endorphins, which play key roles in mood regulation and emotional well-being which play key roles in mood regulation and emotional well-being.

# How to Optimize Your Ultralux Red Cap Benefits

Tailoring your red light therapy sessions is crucial for achieving goals and maximizing the potential benefits of this treatment. Optimizing sessions to individual goals allows for a more targeted and effective approach. For example, if your goal is to promote hair growth, understanding the optimal wavelength, duration, and intensity of red light exposure for stimulating hair follicles is essential. The UltraLux Red Cap allows you to adjust your red light therapy sessions for your needs. The UltraLux Red Mask and neckpiece allow you to adjust your red

## Hair Regrowth

For those desiring healthy hair, initiate the Pulse Mode using the steps included in Remote Functions. Set your brightness settings to 75% power for 2, 15 minute sessions every day for a minimum of 4 weeks.

**2**  
SESSIONS  
EVERY DAY



15 MIN



75%

**4**  
WEEKS

## Scalp Rejuvenation

If you desire a rejuvenated and healthy scalp, initiate the Pulse Mode at 50% brightness for 1-2, 15 minute sessions every day for a minimum of 4 weeks.

**1-2**  
SESSIONS  
EVERY DAY



15 MIN



75%

**4**  
WEEKS

## All Scalp Conditions

For those experiencing a specific skin condition that may be affecting your scalp, such as alopecia areata or scalp inflammation, initiate the Continuous Mode at 50% brightness for 1-2, 15 minute sessions every day for a minimum of 4 weeks.

**1-2**  
SESSIONS  
EVERY DAY



15 MIN



50%

**4**  
WEEKS

# What to Avoid

When using the UltraLux Red Cap, it is important to maintain your health and safety. We recommend avoiding the following in order to receive the results you want, while protecting yourself.

## Overexposure

We recommend not exceeding 30 minutes per session. Do not wear your Red Cap overnight.

## Not Consulting a Doctor About Conditions and Medications

If you suffer from a specific scalp condition or are taking photosensitizing medications, and do not consult with a healthcare professional or dermatologist, there may be adverse effects. Talk to your doctor, and they can provide personalized advice based on your health status.

## Inconsistency in Use

Consistency is key with red light therapy. Avoid sporadic or irregular usage, as regular and consistent sessions are more effective for achieving quality results. But do not exceed recommended session time.

**DISCLAIMER:** The information provided in this health guide is intended for informational purposes only and is not a substitute for professional medical advice, diagnosis, or medical treatment. Use the information in this guide responsibly, and seek professional medical guidance from your doctor if you have questions concerning your specific health concerns.



# Product Specifications

<b>Product Name</b>	Red Cap Red Light Therapy Hat
<b>Power Rating</b>	15-38 Watts
<b>Product Size</b>	950*130*6.3 Millimeters
<b>LED Quantity</b>	75*0.5 Watts
<b>Wavelength</b>	660 nanometers ; 850 nanometers
<b>Net Weight</b>	0.29 lb
<b>Irradiance</b>	0 inch: > 100 mW/cm <sup>2</sup>
<b>Timer</b>	20 minutes
<b>Material</b>	Fabric
<b>Lifespan</b>	Over 50,000 hours



**Questions? We are happy to help.**

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