



# 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



# Health Benefits from using the Red Cap

The UltraLux Red Cap combines red (630nm) and near-infrared (850nm & 940nm) wavelengths for the best therapeutic relief.

## 630nm

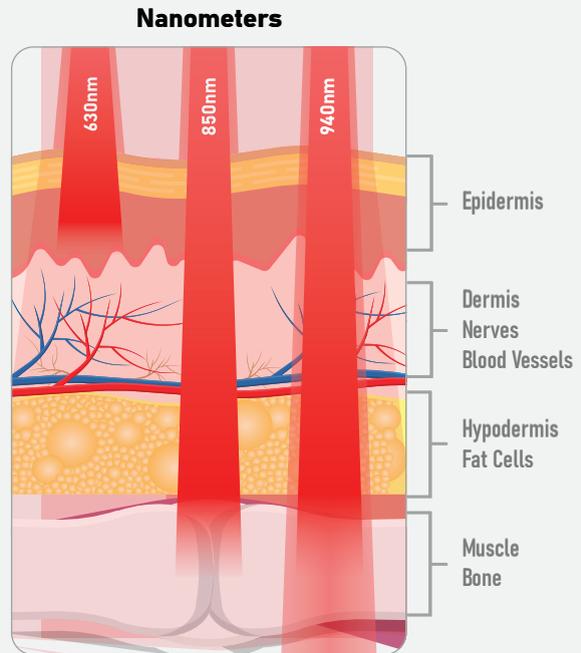
Promotes long-lasting hair regrowth results, proven process for follicular and cellular stimulation, treats common skin disorders such as psoriasis and dermatitis, and revitalizes and strengthens damaged hair.

## 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, and reduces cellular inflammation.

## 940nm

Improves brain function and memory, increases circulation and blood flow to the scalp, and promotes connective tissue health and strength.



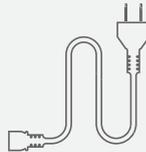
\*Disclaimer: Since red light therapy supports a variety of health conditions, we cannot list every condition, nor can we identify if red light is the solution for your specific condition. If you are curious about how red light might help with your particular health issue, we recommend researching or contacting your doctor. A great place to start is the National Institutes of Health website at [nih.gov](http://nih.gov).

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

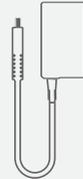
# Included With Your UltraLux Red Cap



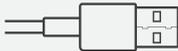
**1x** UltraLux Red  
Light Cap



**1x** Power cord



**1x** Adaptor



**1x** USB  
Cable



**1x** User  
Manual

# How to Use Your Red Cap



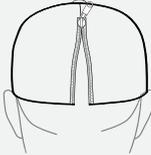
1. Start by plugging the provided power cord into a power outlet on your wall. Then plug the female end of the power cord into the connecting power bank.



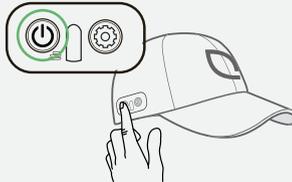
2. Next, attach the connecting cord from the power back into the Red Cap port on the side of the Cap.



3. Place the Red Cap on your head.



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 Red Cap functions are controlled by the **Power Button**  located on the side of the device. The Red Cap must be **plugged into power** to operate.

When you plug in your Red Cap, the Power and Settings buttons light up with a soft blue, indicating power *but not that the Pulse Therapy Mode is active*.

## Continuous Therapy Mode

This mode provides uninterrupted light exposure and is ideal for targeting specific areas. For best results & to optimize your results, follow the instructions on page

To initiate Continuous Mode, follow the steps below:



Plug in the device to a power source & quick-press the Power Button once - the **Power Button will then turn green**. This will activate both Red & Near-Infrared LEDs (630nm, 850nm, 940nm)

**1x**  Press again to trigger **only the Red LEDs** (630nm)

**2x**  To activate **only the Near-Infrared LEDs** (850nm, 940nm) press the Power Button again. Near-infrared light is invisible to the eye, but the Power Button will remain green to indicate it's active.

**3x**  Press again to **shut down all LEDs**.

# Red Cap Functions

All Red Cap functions are controlled by the **Power Button**  located on the side of the device. The Red Cap must be **plugged into power** to operate.

When you plug in your Red Cap, the Power and Settings buttons light up with a soft blue, indicating power but not that the Pulse Therapy Mode is active.

## Pulse Therapy Mode

This mode delivers light in pulsed intervals to stimulate blood flow and cellular activity, ideal for hair growth and circulation.

To initiate Pulse Therapy Mode, follow the steps below:



After plugging in your Cap, **quick-press the Power Button until it turns green**. Then, **press and hold the Power Button for 3–5 seconds until it changes from green to blue**, activating all LEDs (630nm, 850nm, 940nm) in Pulse Mode.

- 1x**  Press the Power Button again to **activate only the Red LEDs** (630nm)
- 2x**  Press again to **only trigger the Near-Infrared LEDs** (850nm, 940nm) will come to pulse mode. The blue Power Button confirms Pulse Mode is active — even though near-infrared light is not visible.
- 3x**  Press again to **power off all LEDs**.

# 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. By default, brightness is set to 50% with red and infrared enabled.



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.

# Red Cap 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](https://ultraluxhealth.com)

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

M-F 8:00am - 4:00pm 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 light therapy sessions for your needs.

## Hair Regrowth

To promote healthy hair, use Pulse Mode as specified, set brightness to 75%, and apply the device every other day for 10 minutes over at least 4 weeks. For best results, use red light at 630nm, known for stimulating hair follicles and encouraging regrowth.

**EVERY  
OTHER  
DAY**



10 MIN



75%

**4  
WEEKS**

## Cognitive Function

To enhance cognitive support, activate Pulse Mode at 100% brightness for 10 minutes every other day over 6 weeks. Utilize near-infrared light at 850nm and 940nm to potentially improve circulation, memory, and neurological performance.

**EVERY  
OTHER  
DAY**



10 MIN



100%

**6  
WEEKS**

## All Scalp Conditions

If you're targeting specific scalp conditions, such as alopecia areata or scalp inflammation, use Continuous Mode (630nm, 850nm, 940nm) at 75% brightness, every day for 10 minutes per session for a minimum of 4 weeks.

**EVERY  
DAY**



10 MIN



75%

**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

Product Name	Red Cap Red Light Therapy Hat
Power Rating	75 Watts
Irradiance	Up to 200 mW/cm <sup>2</sup>
Actual Power	26.1 watts / 19.6 watts / 14.5 watts
Diameter	200 millimeters
LED Quantity	150 diodes / 450 individual LEDs (3 LEDs per diode)
Dimmable	Yes - 3 Levels
Net Weight	0.4 pounds (for caps only)
Wavelength	1*630 nanometers; 1*850 nanometers; 1*940 nanometers
Size Adjustable	Yes, with zipper
Material	Fabric
Pulse	10 Hertz
Dual Buttons	ON/OFF ; Dimmable ; Puls ; Switch Wavelength



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

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