



THE BIOHACKN CAP

Users Manual



The Biohackn Cap

The Biohackn Cap uses our custom Anti-Aging light therapy technology to treat hair loss and boost brain health



Androgenic Alopecia



Receding Hairline



Thinning of hair



Widening Spots



Bald Spots

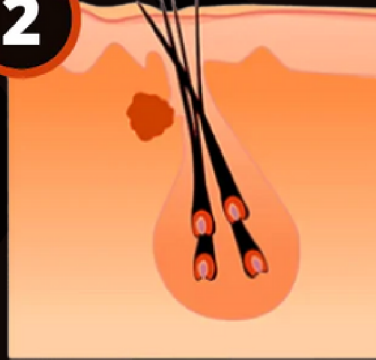
1



1~2 Months

Halts hair loss and energizes tired hair cells

2



3~4 Months

Strengthens existing follicles and thickens new hair

3



5~6 Months

Regains new hairs and natural glow

With the Biohackn Cap, you can give your hair follicle cells photonic energy, which stimulates and increases ATP (Adenosine Triphosphate), the energy currency in the body, which results in increasing hair growth and metabolism. In addition, the Biohackn Cap helps revitalize cells by encouraging blood flow, powering the mitochondria, increasing nutrient transfer, and ultimately antiaging for your hair.

Hack your brain health

The Red and Near-Infrared light technology used in the Biohackn Cap can offer:



Increases BDNF and NGF

Brain-derived neurotrophic factor (BDNF) plays a significant role in brain cell survival and growth. Additionally, it is crucial for learning and memory. Nerve growth factor (NGF) helps improve mood, enhance focus, and lower inflammation.

Improves Blood Flow

More blood flow results in accelerated healing, more brain oxygenation, and prevention of neurovascular dysfunction, commonly seen after injuries and brain disorders.

Hack your brain health

The Red and Near-Infrared light technology used in the Biohackn Cap can offer:



Improving Synapsis

Biohackn cap increases synaptogenesis by forming synapsis between neurons, influencing the brain's ability to make new neural connections to learn a new skill or perform better.

Reduces inflammation and oxidative Stress

Red and NIR light has anti-inflammatory properties and reduces inflammation and oxidative stress, which can help reduce chronic brain inflammation that could result in neurodegenerative diseases and persistent psychological disorders.

Hack your brain health

The Red and Near-Infrared light technology used in the Biohackn Cap can offer:



Growing new brain cells

Red light triggers the growth of new neurons in a process called neurogenesis.

Neuroprotection

Protects the neurons in the brain from damage caused by injury, damaging food, or degenerative brain disorders.

Enhancing Brain functioning

Red light improves cells' metabolic functioning by improving neuronal and stem cell function.

What is Brain Wave Entertainment?

Brainwave entrainment is the process of synchronizing brainwaves to a desired frequency by using external stimuli, such as sound or light. This process can help you achieve different mental states, including relaxation, focus, and creativity.

Frequency specific medicine, on the other hand, is a form of therapy that uses specific frequencies to target certain health issues or imbalances in the body. This therapy has been used to address a wide range of conditions, including chronic pain, insomnia, and anxiety.

With the Biohackn cap, you can achieve brainwave entrainment and frequency specific medicine by adjusting the frequency between 1 to 1000 Hz. By selecting the appropriate frequency, you can target the desired mental state or health condition. For example, frequencies in the alpha range (8-12 Hz) can help promote relaxation and reduce stress, while frequencies in the beta range (12-30 Hz) can enhance focus and concentration.

It's important to note that brainwave entrainment and frequency specific medicine should not be used as a replacement for professional medical advice or treatment. However, the Biohackn cap can be a useful tool to supplement your existing health and wellness routine.



Brain Wave Entrainment

The Biohackn Cap uses the science of "Brain Wave Entrainment." It is the science of stimulating the brain to enter a specific state.



Biohackn Cap uses **Alpha Brain Wave Frequency (10hz)** to hack your brain into a meditative, flow, or relaxed state. As a result, people often feel calm and positive and have lower anxiety levels in such states.

Brain Wave Entrainment

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Biohackn Cap uses **Gamma Brain Wave Frequency (40hz)** to hack the body to reach peak mental and physical performance states. Gamma is often called the brainwave state of being "In the zone." As a result, people often have high levels of memory recall, improved sensory perception, heightened focus, improved processing speed, access to creativity, improved self-control, and more compassion and happier.

Brain Wave Entrainment

The Biohackn Cap uses the science of "Brain Wave Entrainment." It is the science of stimulating the brain to enter a specific state.



Biohackn Cap uses **Theta Brain Wave Frequency (5hz)** to slow down the mind. These waves are typically seen when people are daydreaming, intuitive, and less stressed. As a result, people often have less anxiety and stress, get better sleep, and improve heart rate variability.

Thank you for choosing the Biohackn cap, a versatile device that offers a range of customizable features to help you enhance your well-being. Please find below a point-based guide to help you navigate the different functions of the Biohackn cap:

| TIMER FUNCTION | LIGHT SELECTION | FREQUENCY ADJUSTMENT | POWER OUTPUT | HEARTBEAT PULSE |
|---|---|--|---|--|
| The Biohackn cap comes equipped with a timer that allows you to select a duration between 1 to 30 minutes, depending on your preference. Once the selected time is up, the cap will automatically switch off. | The Biohackn cap offers three different light options to choose from, including Red light, Near-Infrared light, or both Red and Near-Infrared light. We recommend using the combined Red and Near-Infrared light mode for optimal benefits. | The Biohackn cap allows you to adjust the frequency between 0 to 1000 Hz. This feature enables you to tap into brain wave entrainment and choose the frequency that aligns with your desired brainwave state. This feature adds a new dimension of excitement to your Biohacking experience. | With the Biohackn cap, you can adjust the power output between 1% to 100%, allowing you to customize the intensity of the light. This feature is particularly useful for individuals with light sensitivity issues. | The Biohackn cap offers a unique Heartbeat Pulse feature that allows the light to flash similar to heartbeats. This feature is only available when the frequency mode is not in use. |

We hope that this guide has provided you with all the necessary information to optimize your Biohackn cap experience. Remember to start with lower settings and gradually increase the intensity as needed.

We wish you the best of luck with your biohacking endeavors!

Technical Data

RED System for hair regrowth is an innovative hair growth system, available to both men and women.

| SPECIFICATION | |
|---------------|--|
| Dimension | 8.66 in |
| Net Weight | 0.15 kg |
| LED Quantity | 150 pcs * 1 W (850nm/660nm/850nm) LED CHIPS |
| Input Voltage | 100 V ~ 240 V |
| Timer | 1 - 30 mins |
| Power | 21.4 W |

Thank you for choosing  BIOHACKN[®]

www.Biohackn.com