

# NEURO Alpha

PHOTOBIO-MODULATION  
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810 nm NIR LED cluster



Placement for use

## Powerful Mental Acuity PBM Device

The Vielight Neuro Alpha is a powerful, personal-use brain photobiomodulation (PBM) device that delivers 810 nm near infrared light (NIR), pulsing at 10 Hz, via four transcranial LED clusters. The LED clusters are directed to target the hubs of the default mode network of the brain. The pulse rate of 10 Hz correlates with alpha oscillations within the brain. This frequency, calming and therapeutic, is also associated with improved recovery and is desirable for a resting brain state.

The four LED clusters are attached to two strong and flexible stainless-steel bands, creating a uniquely shaped headset to facilitate comfortable and secure placement on the user's head during PBM sessions.

The Neuro Alpha also comes with a nasal applicator which has an 810 nm wavelength near infrared light (NIR) LED. It is designed to deliver NIR through the nasal channel to the ventral areas of the brain. The nasal applicator is Vielight's patented technology.

The Neuro Alpha boasts a robust design that conveniently combines ease of use and portability. It is an ideal personal device for meditation, biohacking, focus, mindfulness practice and general wellness.

## Recommended Usage:

Use on its own generally once every two days and up to six days per week. Can be used together with Vielight X-Plus.

## Convenient Features:

Each session is preset to last approximately 20 minutes and the device switches off automatically.

Multipurpose rechargeable PBM device. A fully-charged controller is sufficient for approximately 4-5 full sessions.

The Neuro Alpha is a dual voltage device 110V and 220V (Only North American plug is included. Outside of North America, an appropriate travel adapter can be used.)

## Features:

Each transcranial cluster contains a powerful NIR LED with a microchip boost technology.

## PBM Source Specifications:

The LED clusters and the nasal applicator emit 810 nm (wavelength) near infrared light, NIR, pulsing at the 10 Hz frequency rate.



Safe  
Wellness  
Device\*



Timed  
Operation



Invisible  
Near  
Infrared  
Light, NIR



Light  
Pulsing  
Frequency