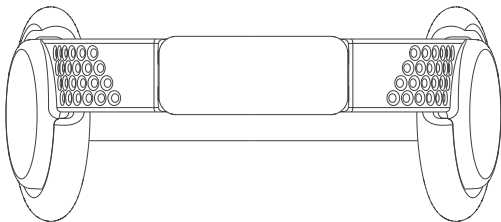
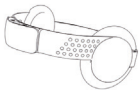


USER MANUAL



Packing List

Sleep aid device x1 Charging base x1 Charging wire x1
User manual x1 Storage bag x1



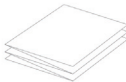
Sleep aid device



Charging base



Charging wire



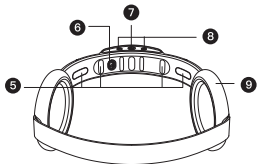
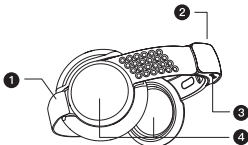
User manual



Storage bag

Product Introduction

The sleep aid device leverages neuromodulation technology. It delivers customized, precise real-time closed-loop regulation based on your EEG data to gently guide your brain from wakefulness into sleep.



- 1: Adjustment strap: It can be adjusted in length to fit different head circumferences.
- 2: Indicator:
 - Blue light: Flashing = Pairing mode activated.
 - White light: Flashing = Over 3 hours of battery left;
 - Solid white = Bluetooth connected
 - Yellow light: Solid yellow = Less than 3 hours of battery left
 - Red light: Solid red = Charging in progress;
 - Single red flash then off = Device malfunction or low battery
 - Green light: Solid green = Fully charged
- 3: Charging port: Connect to the charging base for charging
- 4: Built-in earphones: Used to emit low-frequency sleep-aiding sounds
- 5: Silver fiber electrodes: Used to collect EEG signals
- 6: PPG sensor: Used to collect heart rate and blood oxygen signals
- 7: Power button: Used to turn the device on and off. Press briefly for 1 second to turn on, and press and hold for 2 seconds to turn off. In the standby mode, double-click the power button to activate the sleep aid function.
- 8: Volume "+" and "-" buttons: Used to adjust the volume. Press and hold both buttons simultaneously to activate Bluetooth pairing.
- 9: Replaceable ear cups: Used to improve wearing comfort and are replaceable.

Product Specifications

Product Name: LumiSleep headband D1

Model: LS-001

Weight: 99g

Battery capacity: 400mAh

Power supply input: 5V $\overline{\sim}$ 500mA

Bluetooth connection: Bluetooth 5.0

Endurance Time: 8h

(Note: Under the condition of continuous use of the sleep aid function)

Environmental Performance

Environment	Work	Charging	Storage and transportation
Temperature	5~35℃	5~35℃	-10~40℃
Humidity	15~90%RH	15~90%RH	10~90%RH
Atmospheric Pressure	700~1060hPa	700~1060hPa	500~1060hPa

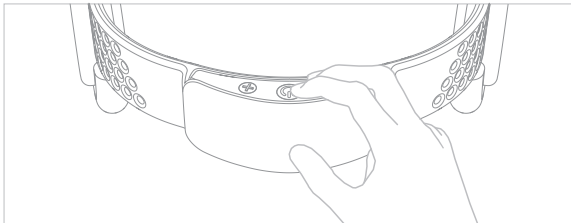
How to Use the Sleep Aid Device

Preparations Before Wearing

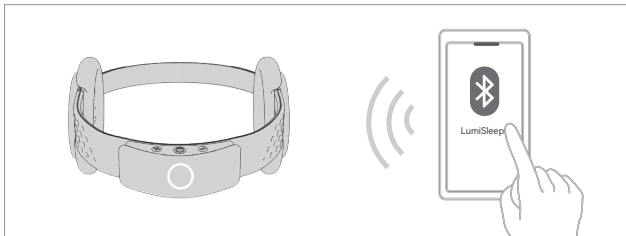
1. Search for LumiMind in the Apple App Store/Android App Store, or scan the QR code below to download the latest version of App.



- 2.2. After short press of the power button to turn on the sleep aid device, the blue indicator light will flash and bring the sleep aid device close to the mobile phone.



3. Bluetooth Pairing: Open the App and follow the instructions to complete pairing and connection. After the connection is successful, the indicator light of the sleep aid device will stay on for 10 seconds and then go out.



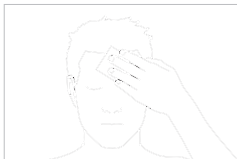
Note: Please make sure that the Bluetooth of your mobile phone is turned on. After the first successful connection, the connection will be automatically established when you open the App and turn on the sleep aid device again.

4. Major Functions : Perform cranial nerve regulation based on EEG signals.

Note: For first-time use, it is recommended to use it continuously for 5 days, so that the sleep aid device can better understand your sleep habits.

Wear the sleep aid device

1. Please clean your facial skin and keep it dry and fresh before wearing.



2.1 For short hair or tied-back hair:

Place the headband over your head and adjust it downwards until the sensors sit firmly against your forehead skin.

2.2 For long hair:

Tuck the strap underneath your hair, then lift it to the proper position on your forehead to keep hair clear from behind your ears.

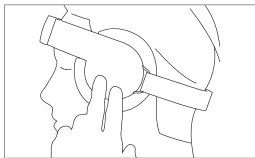


短发

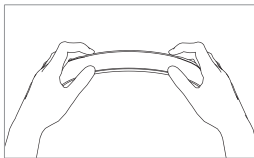


长发

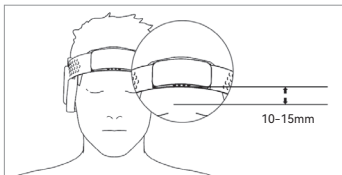
3. Adjust the ear cups to fully enclose your ears.



4. Adjust the headband length for a secure, comfortable fit on your head.



5. Verify the sensors maintain full contact with your forehead.
Center the main body roughly 10–15 mm above your eyebrows.



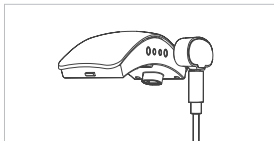
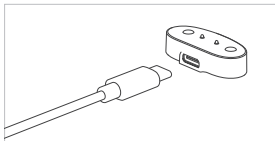
Note: No hair should sit between the sensors and your skin.

Once any sleep program starts, the device will run a signal quality check. If signals are weak, a voice alert will prompt you to reposition the headband for better sensor contact.

Charging

1. Connect the data cable to the charging dock;
2. Charge the main unit by connecting it to the charging dock via magnetic attraction.

Notes: Please use the charging cable provided with the product and a 5V charger.



Maintenance and Servicing

1. The main unit and head strap house electronic components. Do not disassemble or submerge them in water.
2. Keep the headband electrodes clean. Gently wipe them with a soft tissue dampened with a tiny amount of purified water.

Safety Instructions

Important Statement

This product is not a medical device, and cannot replace drugs, hospital diagnosis and treatment, or clinical treatment. It shall not be used for the diagnosis, treatment, or cure of any physical or mental illness.

Prohibited Users

1. People diagnosed with photosensitive epilepsy, idiopathic epilepsy or with a history of unexplained convulsions;
2. People with a history of intracranial surgery, intracranial space-occupying lesions, cerebral hemorrhage, those in the recovery period of traumatic brain injury, or with abnormal intracranial pressure;
3. People with implanted electronic medical devices: such as pacemakers, deep brain stimulators, cochlear implants, implantable electrocardiographic devices, etc.;
4. People with severe migraine, in the acute phase of cluster headache, or with frequent cerebral vasospasm;
5. People with severe vestibular dysfunction, frequent benign paroxysmal positional vertigo or vertigo;

6. People with severe schizophrenia, severe bipolar disorder, acute dissociation, or susceptibility to hallucinations;
7. Minors under 18 years old;
8. Pregnant and perinatal people with sensitive constitution;
9. People with scalp ulceration, inflammation, eczema, large-area allergies, or wound infection on the head.

Cautious Users

1. People with hypertension, cerebral arteriosclerosis, or weak cerebral blood vessels;
2. People with long-term tinnitus, sensitive cochlea, or mild hearing loss;
3. People with neurasthenia, extreme nervous excitability, or neuro-sensitive constitution;
4. People with cervical spondylosis, atlanto-occipital joint discomfort, or frequent stiff neck.

Usage Warnings

1. It is forbidden to use this product when driving, operating machinery, working at height, or during exercise. This product has the effects of relaxing nerves and reducing brain wave arousal, which will reduce alertness and easily lead to safety accidents.
2. It is forbidden to wear and turn on the device in a humid environment.
3. It is forbidden to use excessively high volume and large-amplitude low-frequency continuous stimulation throughout the night.

4. Use near strong magnetic fields, strong electric fields, or high-voltage equipment is prohibited;
5. Using this device while charging is forbidden.
6. This device shall not be used for purposes such as hypnosis or mind control.
7. If you experience dizziness, nausea, head swelling, tinnitus, palpitation, abnormal irritability, or scalp numbness during use, please stop the device immediately, take it off, rest in a well-ventilated area, and seek medical attention if discomfort persists.

Home Storage Warnings

1. The storage location should be kept out of reach of children and pets to prevent accidental wearing, accidental ingestion, falling damage, and unauthorized activation by children which may stimulate nerves.
2. Long-term stacked storage with sharp objects, metal sharp tools, or magnetic items is prohibited to avoid scratches, magnetization, and structural deformation.
3. Storage shall be dust-proof, waterproof, light-proof, high-temperature-proof, and moisture-proof.

Battery Safety Warnings

1. Only use the low-voltage safety charging cable supplied by the original manufacturer. Charging with high-voltage fast chargers, on-board fast chargers, or industrial power supplies is prohibited.
2. Do not probe the battery compartment with sharp objects.
3. Avoid placing the product in a high-temperature environment ($>40^{\circ}\text{C}$).
4. Stop using the product immediately if there is abnormal heating during charging, bulging, peculiar smell, or electric leakage.
5. Do not continue to turn on the device if the battery is aging, the body is deformed, or there is abnormal heating.
6. This product adopts a non-detachable battery design. Disassembly by non-professionals may lead to:
 - 1) Fire caused by battery short circuit.
 - 2) Permanent damage to internal components.
 - 3) Automatic termination of warranty service.

Product Damage Risk Warning

1. Do not drop, hit, squeeze, bend, or twist the main unit of the device and the wiring harness;
2. Prohibit from being soaked, exposed to dripping water, washed with water, rinsed, or used in the bathroom;
3. Unauthorized disassembly, modification or battery replacement is

strictly prohibited;

4. It is forbidden to charge the device with non-original charging cables, high-power fast chargers, or inferior cables;
5. Prohibit from being exposed to high-temperature sunlight, placed near open flames, heaters, or in high-temperature vehicles;
6. Long-term use in environments with heavy dust, corrosive gases, or lampblack is prohibited;
7. Strong pulling of cables and violent plugging and unplugging of charging cables are forbidden.

Disclaimer

All rights reserved © Neuroflux (Shanghai) Co., Ltd. All rights reserved. This user manual is for reference only and does not constitute any form of commitment. The product (including but not limited to color, weight, size, parameters, etc.) shall be subject to the actual product.

Thank you for purchasing this product. The information in this manual involves your safety as well as your legal rights and obligations. This manual may be updated and released through the official website. To obtain the latest product information, please log in to the official website and visit the official page of this product.

Using this product means that you have carefully read this manual, understood and agreed to abide by the terms and conditions herein. You agree to take full responsibility for your actions and their consequences when using this product. You agree to use this product only for appropriate purposes and in compliance with all applicable local laws, regulations, rules, as well as all terms, precautions, practices, policies and guidelines that have been formulated and may be formulated for this product.

Before using this product, users must read this manual thoroughly and be familiar with the product functions and risks. Failure to use this product in a safe and responsible manner may result in injury to yourself or others, or damage to the product or other property.

Service Information

Company Name: NeuroFlux (Shanghai) Co., Ltd.

Company Address: No. 11 Boxia Road, 1st Floor, Zone A, China (Shanghai)
Pilot Free Trade Zone;

Official Website: <https://lumimind.com>;

E-mail: service@lumimind.com.

Warnings

CE Statement

Hereby, We, NeuroFlux (Shanghai) Co., Ltd declares that the radio equipment type LS-001 is in compliance with the Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <https://lumimind.com>.

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 20cm

The device operates with the following frequency bands and transmitting power:

Bluetooth LE	0 dbm(Maximum out EIRP)
--------------	-------------------------

FCC Statement

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
2. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - 1) Reorient or relocate the receiving antenna.

- 2) Increase the separation between the equipment and receiver.
- 3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4) Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

1. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. During use, maintain a minimum separation distance of 5 mm between the antenna and your head.
3. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - 1) this device may not cause harmful interference, and
 - 2) this device must accept any interference received, including interference that may cause undesired operation.

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 5 centimeters between the radiator and your body.

Ce transmetteur ne doit pas être installé à proximité ou fonctionner conjointement avec toute autre antenne ou émetteur. Cet équipement doit être installé et utilisé à une distance minimale de 5 mètres. Des centimètres entre le radiateur et votre corps.

LumiSleep headband D1