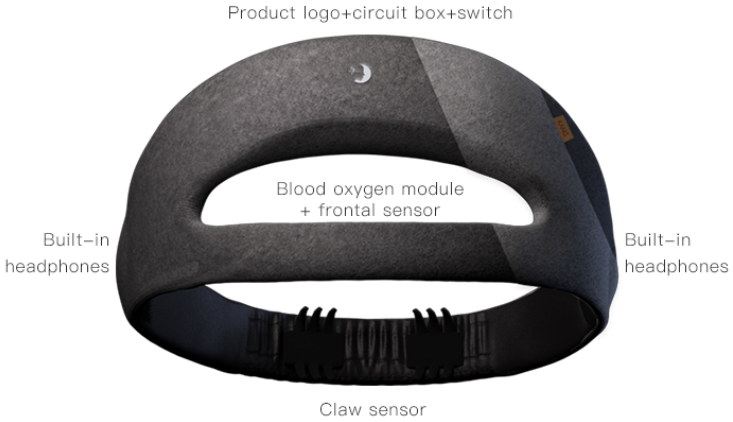
1. KANG SMART SLEEP — portable BCI device

(1) Technical Specifications:

KANG SMART SLEEP is upgraded from BRAIN INTERFACE SMART SLEEP by incorporating the oximetery index, contributing to faster and more stable data recognition and processing.



Product Model: KANG SMART SLEEP	Rated power: 0.4W
Product feature: EEG data acquisition	Battery capacity: 600mAh
Reference input: DC5V,1A	Executive standard: GB4706.1-2005

(2) Core advantages:

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Application Scenarios:

In addition to the previous version, this newest version of BrainUp band added powerful features: both “Nap” and “Night Sleep” modes available; a 20-minute nerve rhythm and sonic sleep intervention mechanism implemented.

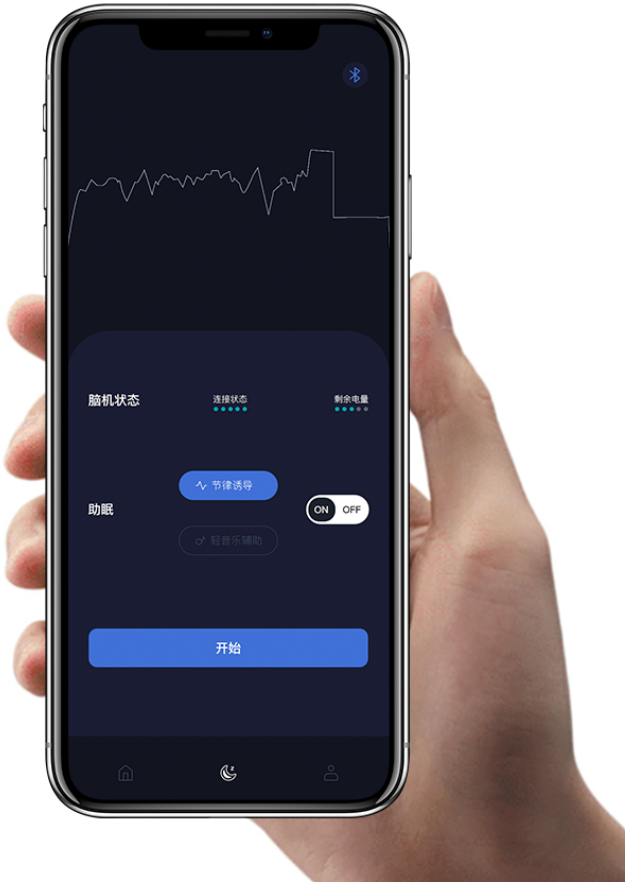
Brainwave guided sleep aids

Mental state detection and visualization

Live brain data and status detection and visualization

Brain training

Perform targeted training on memory, c-oncentration, reaction, etc.



2. Hardware and Software Instructions

KANG SMART SLEEP

<1> Charging the device

Before you start using the device, please charge it to ensure sufficient power for data collection. It takes about 1 hour for the device to be fully charged.

<2> Turning on and pairing

Press and hold the power bottom located on the inner right side of the device until the indicator light blinking. A green blinking light indicates Bluetooth not connected, while a steady light indicates Bluetooth connected.

【1】Putting on the device

Put the headband on your head with all 5 electrodes closely attaching to your forehead. Fix your hair near your forehead to avoid signal interference. The two "claw"-shaped electrodes should grasp your scalp tightly near the occipital lobe (as shown in the picture).

【2】Software

KANG SMART SLEEP – smartphone application

<1> For IOS, please scan the UDID first

<2> Scan the QR code of the APP installation package and install the APP

<3> Register an account and log in

<4> Method: select "other"

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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. 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:

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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.