FocusCalm

USER MANUAL

Model:FC-11

Contents

1.What's Included

① FocusCalm Headband*1　② USB Type-C cable*1　③ Strap*1　④ User Manual*1　⑤ Storage bag*1

①

②

③

④

FocusCalm

USER MANUAL

⑤
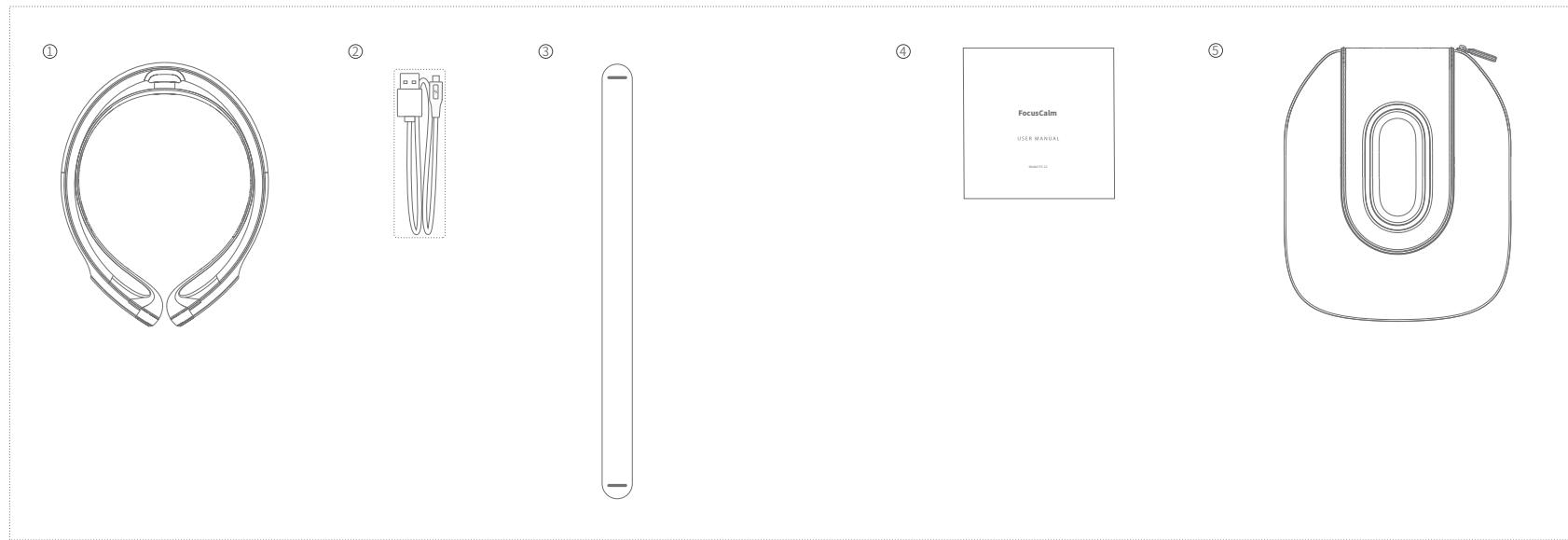
1

2

2.Product Introduction

① Forehead indicator *1

② Sensor*3   ③ USB Type-C (charging port)*1   ④ Power button*1

① ·········

② ·········

③   ④

3.Function Introduction

3.1 Product Specification

Product name	FocusCalm Headband
Size	192mm * 150mm * 20mm
Weight	105g
Battery capacity	185 mAh
Charging time	About 2 hours
Run time	About 8 hours
Storage time	About 180 days
Connection	Bluetooth Low Energy
Charging port	USB TYPE-C

3.2 Charging Instruction

NOTE: The headband cannot connect to a mobile device while charging.

Before using the FocusCalm headband for the first time, connect the attached USB cable to a 5V power adapter (not included) to charge. Please allow 2 hours for the headband to reach full charging capacity. When charging, the ambient temperature must be between 34 ℉ ~ 112℉ (1℃~45℃). The forehead indicator light will be green when the battery is full..

3.3 Light Display Instruction

Forehead indicator

| **Bluetooth Connection**	
Ready for Bluetooth pairing	Indicator light flashes blue rapidly
Waiting for Bluetooth connection	Indicator light pulses blue slowly
Successful Bluetooth connection	Solid white
Concentration Value Indication	
High	Red
Medium	Yellow
Low	Blue
Charging	
In charging	Red slow blinking
Full	Solid green
Low - battery protection (<3%)	Red blinking (auto power-off 5s later)
Other Conditions	
Sleep	Light off
Power-off	Light off
System upgrading	White blinking

4.Operation

4.1 Preparation Before Use

1、Turn on Bluetooth in your mobile
   device settings.
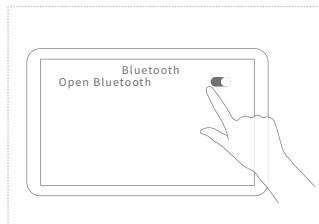
2、If not already completed, scan the QR
   code on the FocusCalm package by
   using the camera app on your mobile
   device and follow the on-screen
   instructions to download the FocusCalm
   app or search "FocusCalm" in the app
   store.

3、Open the FocusCalm app on your mobile
   device and complete account registration
   by following the instructions in the app.
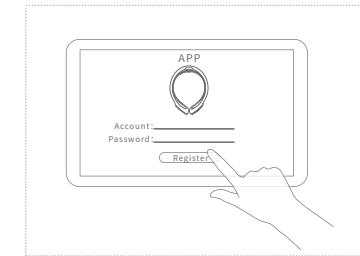
4、Before each use, wipe the 3 sensors with
   a wet cloth to ensure good connection and
   accurate measurement of your brainwave
   signals.
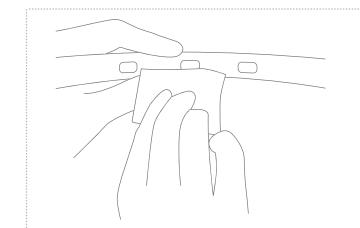
4.2 Instruction for First Use

1、Power-on：
Press and hold the power button until the
FocusCalm headband vibrates.

Press the power button
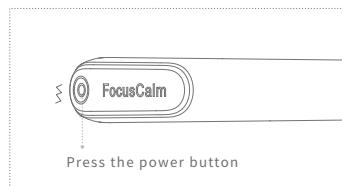
2、Waiting for pairing：
After powering on, the headband will
automatically enter pairing mode, and
the forehead indicator light will flash
blue rapidly.

Forehead indicator light blinks in blue
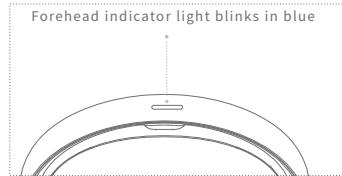
3、Check the Bluetooth name on the
headband, as shown in figure.

To find the Bluetooth
name, please turn over the inner side here
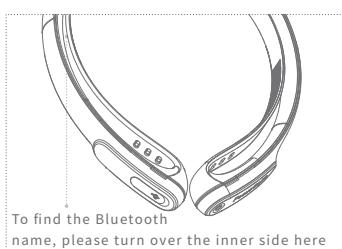
4、Select the Bluetooth name shown in the
app that matches the name found on the
headband. Tap to pair the device.

FC-11_xxxxx
xxxxx represents
the Bluetooth

Searching device

FC-11_xxxxx
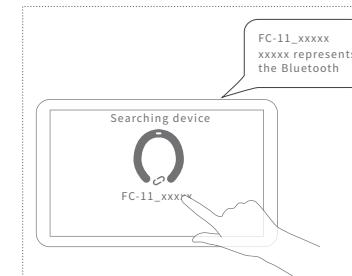
5、Put the FocusCalm headband on and
ensure the three sensors are near the center
of your forehead. (Note that the correct
orientation places the power button on the
right side of your head). The headband will
vibrate twice when proper placement is
achieved.
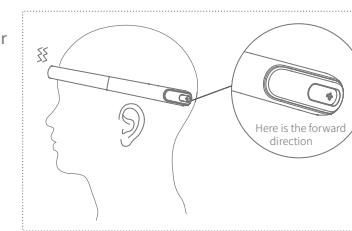
Here is the forward
direction

6、Power-off
Press and hold the power button until the
headband vibrates to power-off.

FocusCalm

Press the power button
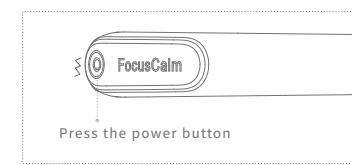
4.3 Instructions for Use After Initial Headband Pairing

1、When the headband is powered on, the forehead indicator light shows it is waiting for a connection (pulsing blue slowly).

Press the power button to power on
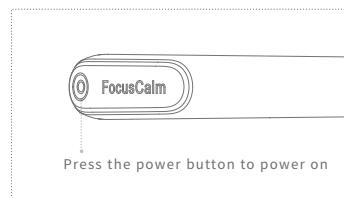
2、When the app on the mobile device is opened, it will automatically connect to the paired headband.

Connected

FC-11_xxxxx
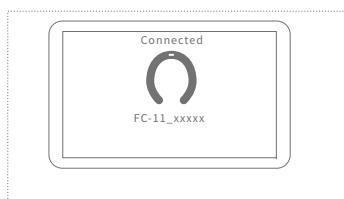
3、Wear the headband and ensure the three sensors are positioned in the center of your forehead. (Note that the correct orientation places the power button on the right side of your head.)

Here is the forward direction
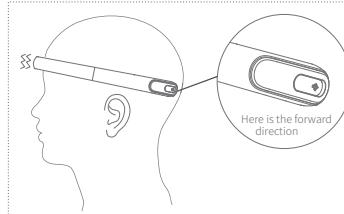
4.4 Operation Instruction for Switching Connected Mobile Device

1、Pairing:
Hold down the power button until the headband vibrates to enter pairing mode, and the forehead indicator light flashes blue rapidly.

Forehead indicator blinks in blue
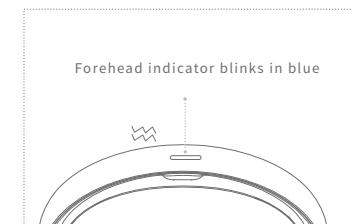
2、Check the Bluetooth name on the headband, at the location indicated in the figure.

To find the Bluetooth name, please turn over the inner side here
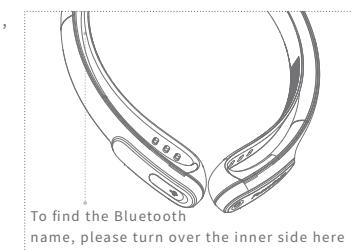
4、Select the Bluetooth name on the app that matches the name found on the headband. Tap to pair the device.

FC-11_xxxxx xxxxx represents the Bluetooth

Searching device

FC-11_xxxx
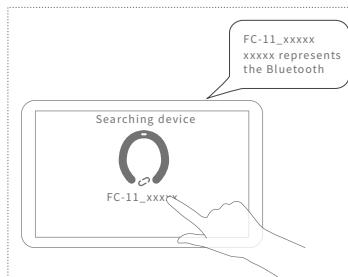
3、Put the headband on and ensure the three sensors are positioned near the center of your forehead. (Note that the correct orientation places the power button on the right side of your head). The headband will vibrate twice after proper placement.
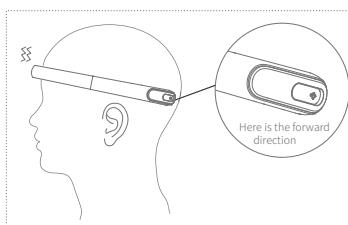

Here is the forward direction

6、Power-off
    Press and hold the power button until the headband vibrates to power-off.

FocusCalm

Press the power button
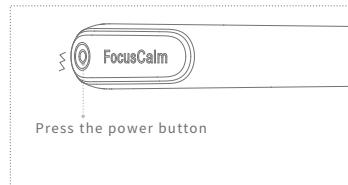
4.5 Wake-up Function:

1、After 5 minutes without any app connections, the FocusCalm headband will automatically enter Sleep mode. To check its status, please go to My Headband to review.

My EEG device

My device
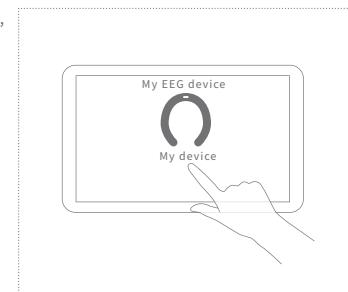
2、If the headband is in sleep mode, shake gently from side-to-side to wake it up. The headbandwill return to normal operating state.

EEG equipment
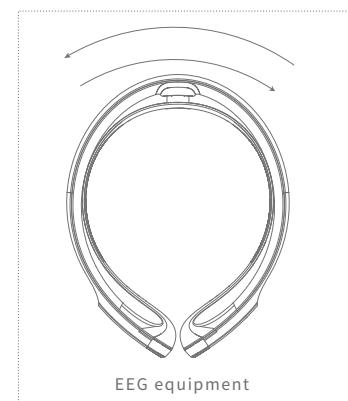
5.Precaution

5.1 Bluetooth Connection:

5.1.1 Headband cannot be found:

1、Ensure that Bluetooth is enabled on
your mobile device (See your device's
instructions).

Bluetooth
Open Bluetooth
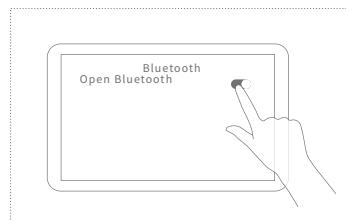
2、Ensure that the headband is powered on,
and is waiting for a Bluetooth connection.
Please see 4.4 for how to set the headband
to "waiting for Bluetooth connection" mode.

Forehead indicator blinks in blue
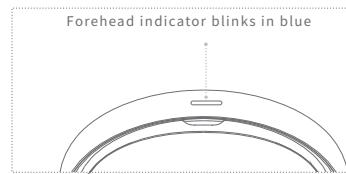
3、Open the app, tap the Refresh button.

Searching device

FC-11_xxx
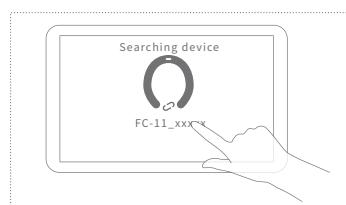
5.1.2 Headband located but cannot connect (Bluetooth name available on the mobile
device but failed in pairing after tapping)
Ensure that the headband is waiting for Bluetooth connection. Please see 4.4 for how to
set the headband to "waiting for Bluetooth connection" mode.

5.2 Proper Wearing of the Headband:

1、NOTE: The headband will not successfully
connect to your mobile device if worn in
the wrong orientation.

Example of wearing in
reverse direction
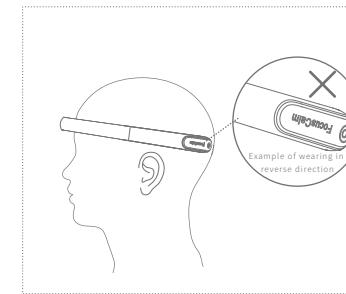
2、Please take remove the headband from
your head and ensure the Power button is
placed on the right side of your head.
(FocusCalm logo should be right-side-up).
Replace the headband on your head in the
correct orientation.

Example of wearing in
correct direction
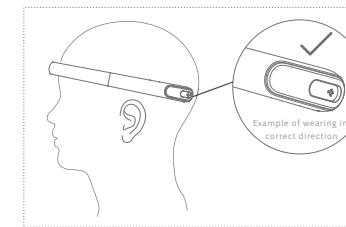
5.3 Sensor Contact:

1、If the headband vibrates twice in a short time, it means the 3 electrodes are fully in contact with the skin, allowing for normal training.
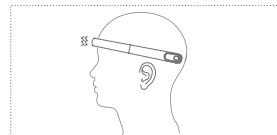
2、If the headband vibrates for a long time, and a prompt appears on the APP as shown in the right figure which means the electrodes are not fully in contact with the skin. To ensure full contact of electrodes, please do the followings before training.

My device

Wearing failed

Adjust the position of headband

Too high　　　Too low　　　Appropriate
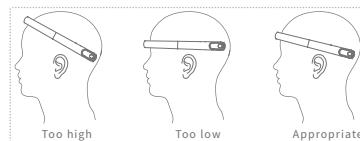
Tie up the supplied strap

strap

headband with strap
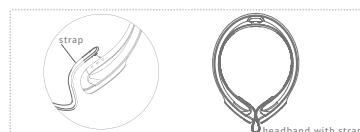
Clean forehead and electrodes with wet tissue
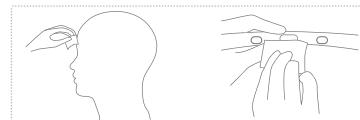
3、If the headband vibrates twice in a short time, it means the 3 electrodes are fully in contact with the skin, allowing for normal training.

6. Safety Instruction

Please read and reserve all safety and use instructions.

Important safety instruction: Only use the accessories/fittings designated by the manufacturer. Please use the USB cable supplied with the product, and use standard 5V adaptor.

Warning/ Caution:

1. When not in use, it is recommended to place EEG equipment in the carry case for protection.

2. Please observe the basic precautions for using this product, as follows:

-Please read the instructions before using the EEG equipment.

-Please use the EEG equipment in an environment under the temperature range between -10℃ and 50℃, and ensure the environment temperature range between 1℃ and 45℃ for charging.

-The EEG equipment shall be kept away from water, rain, liquid or snow.

-There is a risk of fire or injury if using power supply or charger not recommended or sold by the battery pack manufacturer.

-Do not use damaged or refitted EEG equipment.

-Do not remove or squeeze the EEG equipment or throw it into a fire or place it at a high temperature. EEG device in fire or under a temperature above 100°C may cause explosions.

-Only qualified maintenance personnel is allowed to perform maintenance.

3. Do not refit this product without authorization.

4. Please use this product only in the power conditions (such as UL, CSA, VDE, CCC) approved by relevant departments and conforming to local regulatory requirements.

5. Please power off the EEG equipment if it is overheated, and contact customer service.

6. If you are under the age of 18, you shall read this agreement accompanied by your legal guardians, and pay special attention to the use terms for minors.

7. Disclaimer

1. In order to protect the legitimate rights and interests of users, please read the User Manual attached to the product carefully before using the product. Zhejiang Qiangnao Technology Co., Ltd. reserves the right to update the documents above.
2. Once you start using this product, you are deemed to have read, understood, approved and accepted all terms and contents of the User Manual hereof. User undertakes to be responsible for his/her actions and all consequences arising therefrom. User undertakes to use this product only for proper purposes and agrees to this article and any relevant policies or guidelines that Zhejiang Qiangnao Technology Co., Ltd. may formulate.
3. During the use of this product, you must strictly observe and implement the requirements including but not limited to the User Manual. Users shall be solely liable for all personal injuries, accidents, property losses, legal disputes and all adverse events resulting in conflict of interests due to the violation of the use behaviors indicated on the safety instructions or force majeure factors. Zhejiang Qiangnao Technology Co., Ltd shall not take any responsibility arised therefrom.
4. Zhejiang Qiangnao Technology Co., Ltd. assumes no liabilities for any violation of laws and regulations by users directly or indirectly using the product.
5. Other exemptions provided by laws and regulations.

Notes:
(1) If the user is a minor under the age of 18, he/she shall read this agreement carefully under the guardianship, guidance and consent of the guardian before using the product.
(2) The minor user and his/her guardian understand that if the minor violates laws and regulations or the content of this agreement, the minor and his/her guardian shall bear all the possible legal responsibilities arising therefrom in accordance with the law.

8. FCC Regulatory Compliance

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.

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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information
Unique Identifier Trade Name: FocusCalm, Model No.: FC-11
Responsible Party – U.S. Contact Information
BrainCo
Address:120 Beacon St. STE 300, Somerville, MA, 02143
Telephone number or internet contact information: www.bainco.tech general@brainco.tech

9.ISED Regulatory Compliance

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.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an
uncontrolled environment.
Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies
pour un environnement non contrôlé.