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**BrainCo**<sup>TM</sup>

USER MANUAL

赋思<sup>™</sup>头环用户使用手册

## FOCUS 1 HEADBAND

赋思<sup>TM</sup>头环

① Front Indicator Light

前额指示灯

② Micro USB Port

USB充电口

③ Replaceable Hydrogel  
Ear Electrode

可替换耳后水凝胶电极

④ Replaceable Hydrogel  
Forehead Electrode

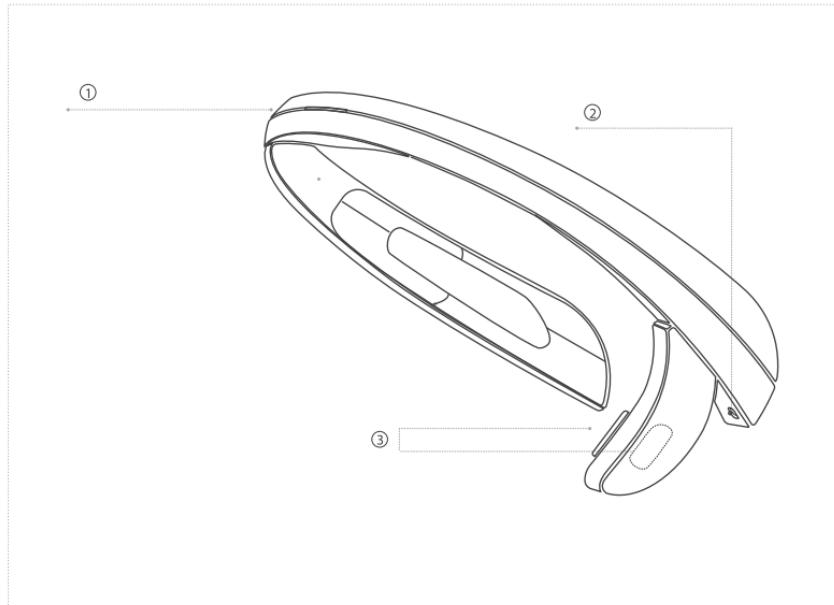
可替换耳后水凝胶电极

⑤ Power Button

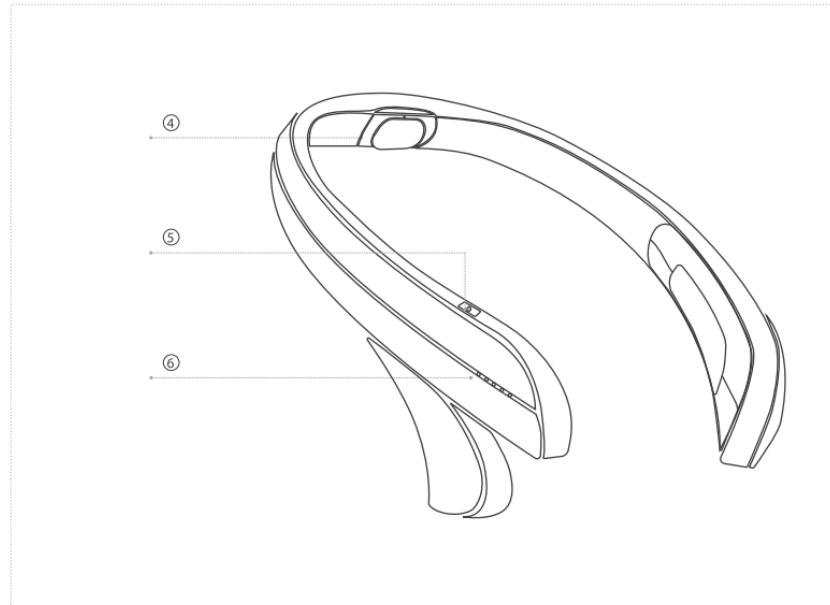
电源键

⑥ Side Indicator Light

侧边指示灯



1



2

## PACKAGE LIST

### 包装组成

① Focus 1 Headband\*1 ② USB Cable\* 1 ③ Replacement Electrodes\*6 ④ Product Pouch\*1

赋思™头环\*1

USB 充电线\*1

可替换电极\*6

产品保护包\*1

⑤ Sterile Saline Wipes\*20 ⑥ User Manual ⑦ Anti-Slip belt\*1 ⑧ Sheatline\* 1 Magic Tape\* 1

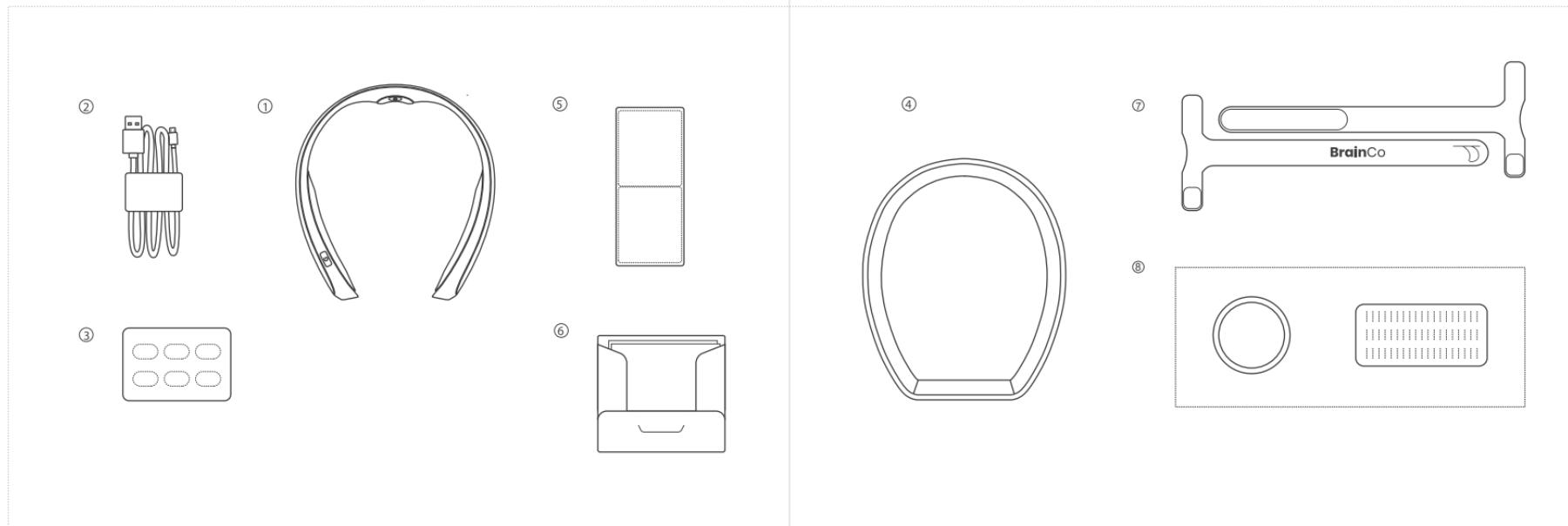
生理盐水试纸\*20

用户手册

防下滑束带\*1

头绳\*1

发贴\*1



## Power Button

## 电源键



### Power On

Remove the charging cable, press and hold the power button until all of the 5 white indicator lights turn on; Note: Headband cannot be used if the battery is depleted;

### 开机

在非充电状态下，长按电源键，直到所有5个白色侧边指示灯全部逐一亮起后，松开按键；  
注：如果电量不足，可能会导致无法开机；

### Power Off

When in use, press and hold the power button until all of the 5 white indicator lights turn off;

### 关机

开机状态下，长按电源键，直到所有5个白色侧边指示灯熄灭，松开按键；

### Battery Checking

While not charging, quickly press the power button and release, the side indicators glow according to the current battery level;

### 查看电量

非充电状态下，短按电源键，白色侧边指示灯显示电量百分比；

### WiFi Reset (for Retail version only)

When in use, press and hold the power button until all of the 5 white indicator lights turn OFF and turn ON AGAIN;

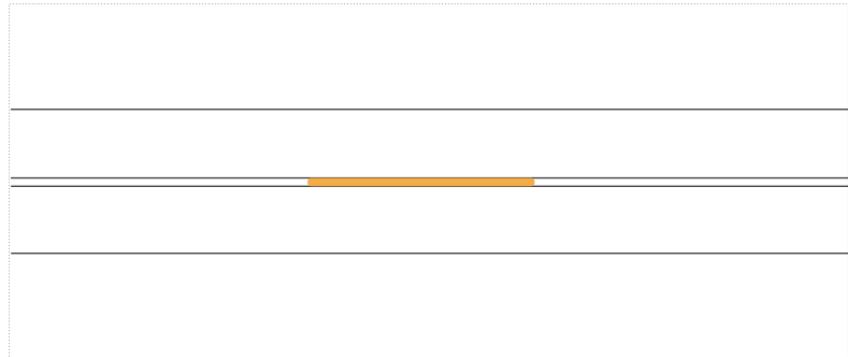
### WiFi重置（仅限零售版本）

开机状态下，长按电源键，直到所有5个白色侧边指示灯熄灭后重新亮起，松开按键；

Notice: If the Headband does not work properly, remove the charging cable, press and hold the power button for 20 seconds, then release the power button and the Headband will go into Power OFF status;  
注：头环工作异常时，移除充电线缆，长按电源键20秒，松开按键，头环进入关机状态

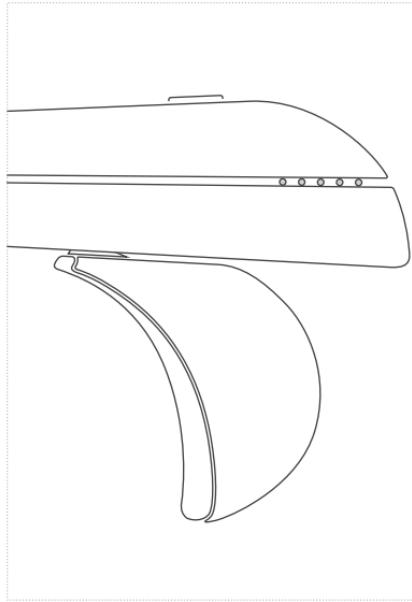
## INDICATOR LIGHT

### 指示灯



Front Indicator Light  
前额指示灯

●	distracted /very relaxed	glows solid green		Waiting for wifi connection	heartbeats white
●	涣散	亮绿光		等待wifi连接	快速闪烁白光
●	calm	glows solid yellow			
●	平静	亮黄光		Waiting for APP/ Software connection	glows solid white
●	focus	glows solid red		等待软件连接	稳定亮白光
●	专注	亮红光			



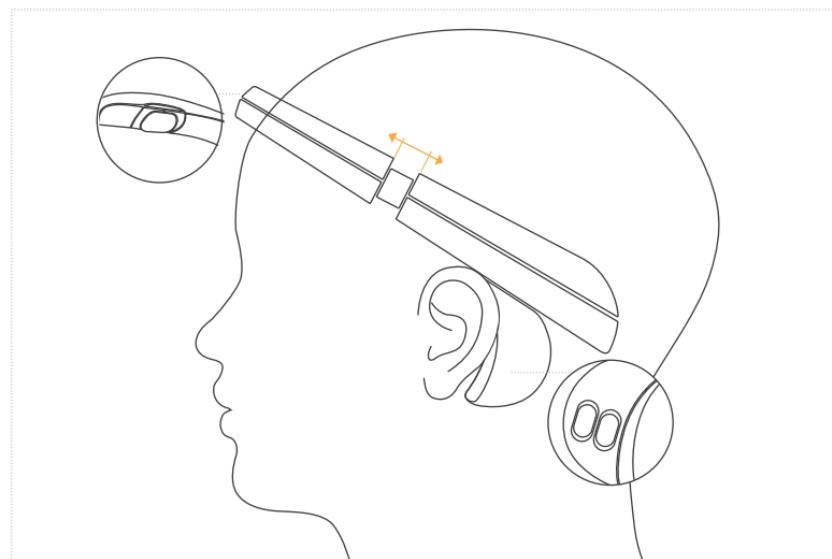
Side Indicator Light  
侧边指示灯

	power on	turn on one by one from left to right
	开机	从左到右逐一亮起
	power off	turn off one by one from right to left
	关机	从右到左逐一亮起
	pairing	cycle back and forth repeatedly
	配对	往复循环
	working	flash from left to right individually
	正常工作	从左到右逐个闪烁
	charge	Each fully lit indicator represents 20% of the total power. A blinking light shows the current charging status.
	充电	每个稳定亮起的灯 表示20%， 闪烁的 灯显示正在充电的进程
	reset	Flash from middle to side
	重置	从中间至两边逐个亮起

## PUTTING ON

Put the Focus 1 on your head and adjust the Headband to ensure the correct orientation for proper fit and correct electrode placement.

Notice: Make sure that both electrodes and your skin are clean and have direct contact with each other.



## 佩戴

将头环戴到头上，调整头环的长度和角度来保证配戴舒服和电极位置准确。

注：请确认皮肤清洁，并保证电极与皮肤的直接接触。

## CHARGING

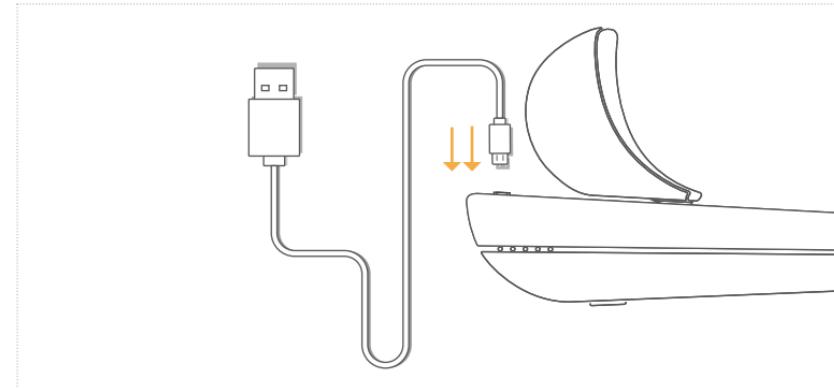
To charge the Headband, plug the charging cable into the USB port on your computer or other power source. The LED indicator lights will progressively illuminate on your Focus1 as it charges. Each steady light represents 20% of the maximus charge. Once all five lights glow solid white light, the Headband will be fully charged.

Notice: Please use the USB cable included in the package to avoid any charging problems.

## 充电

用USB线将头环和电脑或其他USB充电器连接，进行充电。LED灯将会按照充电进程逐一亮起，每一个灯显示总电量的20%。当5个白灯全部亮起时说明头环已经充电完成。

注：请使用随机附带USB线缆充电，否则可能引起产品工作异常。

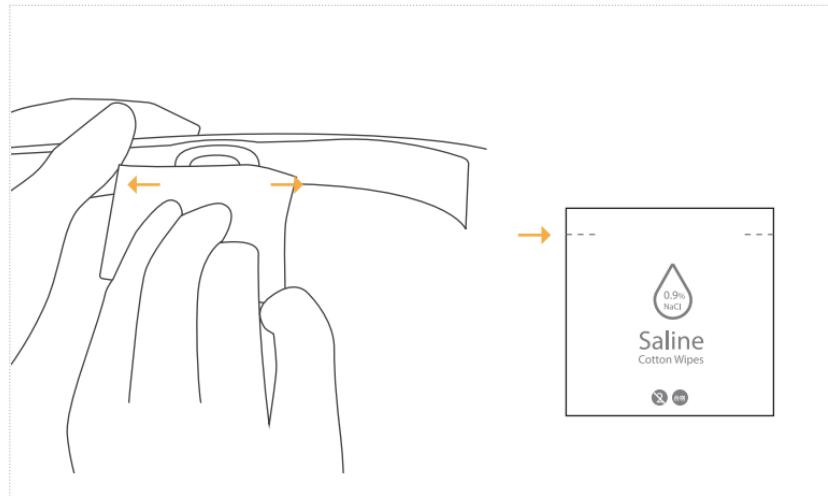


## ELECTRODE MAINTAINANCE

Please wipe your electrodes weekly with the sterile saline wipe included to keep the electrodes clean and extend their lifetime.

Notice:

1. Store at room temperature (25°C, 50%), and do not put the electrodes into water or fire.
2. Avoid contact acidic, basic, toxic, and erosive materials and chemicals.
3. Please follow the instruction in the picture below, and wipe the electrode gently; please contact the agency to purchase more wipes.



## 电极维护

开始使用后, 请每周用附带的生理盐水试纸对电极进行擦拭, 以保持清洁并且延长电极使用寿命。如果暴露长时间没有擦水, 可以持续擦水使其恢复正常形状。

注:

1. 室温保存 (25°C, 50%) , 切勿将电极投入水中或者火中
2. 避免接触酸性, 碱性以及腐蚀性物质
3. 请按照图示方法轻轻擦拭

如有需要, 请联系分销商购买

## REPLACING ELECTRODES

Replace the hydrogel electrodes when necessary to ensure signal quality. The recommended time is 6 months.

Notice:

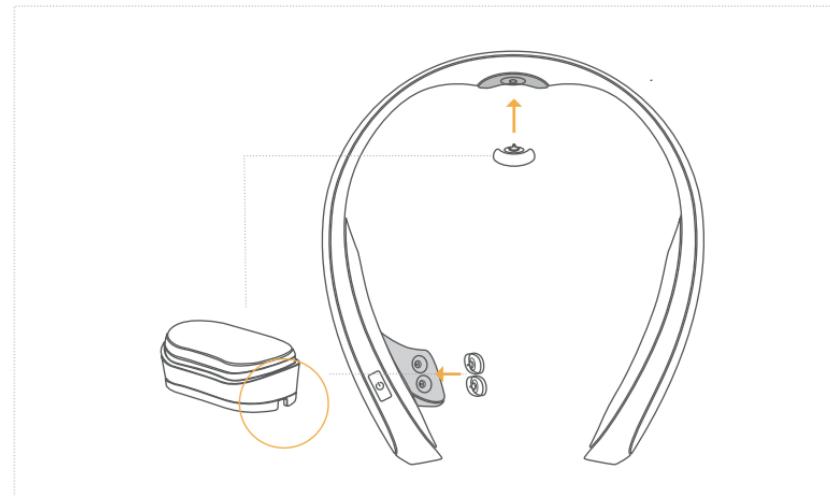
1. While replacing the electrodes, please pay attention to the groove on the bottom of the electrode that shows the proper placement direction. Please contact the agency to purchase more.
2. Do not put the used electrodes into water or fire.

## 更换电极

电极需要适时更换以保证良好的信号, 我们建议的更换时间为6个月

注:

1. 替换电极时, 请注意电极底部的防反设计  
如有需要, 请联系分销商购买
2. 废弃电极, 切勿将电极投入水中或者火中



## SPECIFICATIONS

Weight	95g
Head Circumference	55-75cm
Operating Temperature	0 -40°C(32-104°F)
Battery Capacity	400 mAh
Battery Life	Up to 4 hours
Battery Charge Time	1-1.5 hour
Wireless Connection	Wi-Fi IEEE 802.11 b/g/n 2.4GHz
Electrode Material	Hydrogel

## 技术参数

重量	95克
头围大小	55-75厘米
工作温度	0-40摄氏度 (32-104华氏度)
电池容量	400毫安时
续航时间	最长4小时
充电时长	1-1.5小时
无线连接方式	Wi-Fi IEEE 802.11b/g/n 2.4G赫兹
电极材料	固态级水凝胶

## SAFETY INSTRUCTION

Before using your Focus 1 headband, please read the following safety instructions. This will ensure correct usage. After reading this manual, store it in a safe place for future reference.

### IMPORTANT:

Please use the accessories included in your purchase. Due to voltage and current requirements (5V,200mA), please use the USB cable that was included in your Product Pouch.

### WARNING:

1. Focus 1 headband contains hydrogel electrodes. Please see a doctor if swallowed.
2. Please store your Focus 1 headband in the Product Pouch when it is not in use. Keep children and pets away from the product.
3. Please follow the instructions below before using your Focus 1 headband:
  - Before using, please read the User Manual carefully.
  - Watch your child when she/he is using this product.
  - Do not expose this product to water, rain, or any liquid.
  - Use of a power supply or charger not recommended or sold by an authorized manufacturer may result in a risk of fire or injury.
  - Do not attempt to use a damaged or modified Focus 1 headband. A damaged or modified Focus 1 headband may cause a fire or unknown danger.
  - Do not dispose of your Focus 1 headband in a fire or heat. The product could explode in a fire or high temperatures over 100 C.
  - Servicing can only be performed by a qualified repair person using identical replacement parts.
4. This product contains small parts which may be a choking hazard. Not suitable for children under age 6.
5. Do not tamper with your Focus 1 headband without authorization.
6. Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC).
7. Do not expose this product, which contains batteries, to excessive heat (e.g. storage in direct sunlight, fire or any similar environment).
8. If you are under 18 years old, please read this document with your guardians and pay attention to all warnings.

## 安全使用说明

请阅读并保留所有安全和使用说明。

### 重要安全说明:

只能使用制造商指定的附件/配件。请使用我们配置的USB线，由于电压电流限制 (5V,200mA) ,不建议使用其他USB线。

### 警告/小心:

- 1.本产品中含有电极，如果吞食，需立即就医。
- 2.不使用时，应将头环存储在产品保护包中，并放在远离儿童和宠物的地方。
- 3.使用本产品时，应遵守基本的预防措施，具体内容如下：
  - 使用头环之前，请阅读使用说明。
  - 如果在儿童附近使用头环，必须严密监督以防其受伤。
  - 头环不得接触水、雨、液体或雪等物质。
  - 使用未经电池组制造商推荐或出售的电源或充电器会导致火灾或人员受伤的风险。
  - 不得使用已经损坏或改装过的头环。损坏或改装过的头环会导致火灾、爆炸或人员受伤等不可预测的危险。
  - 不得拆卸、挤压头环或将头环抛入火中或置于高温中。置于火中或温度超过100°C的环境中会导致爆炸。
  - 仅限合格的维修人员使用相同的备件执行维修操作。
- 4.包含小部件，可能会导致窒息。不适合6岁以下儿童使用。
- 5.未经授权切勿改装本产品。
- 6.仅在经过相关部门批准且符合本地监管要求的电源（如UL、CSA、VDE、CCC）条件下使用本产品。
- 7.请勿使产品过热（例如请避免阳光直射并远离火源等）。
- 8.如果您未满18岁，请在法定监护人的陪同下阅读本协议，并特别注意未成年人使用条款。

## DISCLAIMER

Since this manual lists safety instructions in detail, please read it carefully before using your Focus 1 headband.

### Important warning:

1. Do not allow children under 6 to use this product.
2. Children above 6 are allowed to use this product with a parent's or teacher's supervision to prevent injuries.
3. The product and its accessories including the hydrogel electrodes are all inedible.

The responsibility for any risks and consequences arising from the violation of this Safety Manual are borne by the users and their guardians. The manufacturer, developer, and seller assume no responsibility for any of those risks and consequences.

## 免责声明

鉴于本产品已经尽可能详尽的列出了《安全使用说明》，请使用者在认真阅读本产品的《安全使用说明》后使用。

### 需要特别提醒说明的是：

- 1、6周岁以下儿童请勿使用本产品；
- 2、6周岁以上儿童在使用本产品时需有监护人或老师监督以防其受伤；
- 3、所有使用者不得食用本产品及包括固态极凝水胶的电极等在内的任何附件/配件。如因违反《安全使用说明》而产生的任何风险和后果，其责任均由使用者或其监护人承担，与本产品生产方和销售方无关。

## REGULATORY COMPLIANCE

### UNITED STATES:

#### FCC Regulator Statement

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.

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body with the minimum distance 0mm.

#### CANADA:

#### IC Regulator 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.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body with the minimum distance 0mm.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur.

Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE. Ces exigences un SAR limite de 1,6 W/kg en moyenne pour un gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur le corps avec la distance minimale 0mm.

#### EUROPE:



BrainCo Inc. hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and all other EU directive requirements.



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service.