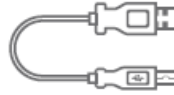


## OMNIFIT BRAIN (OCW-H25) USER MANUAL(Draft)

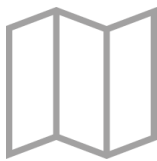
### 1. Included in the Package



Headset ( OCW-H25 )



USB C type cable

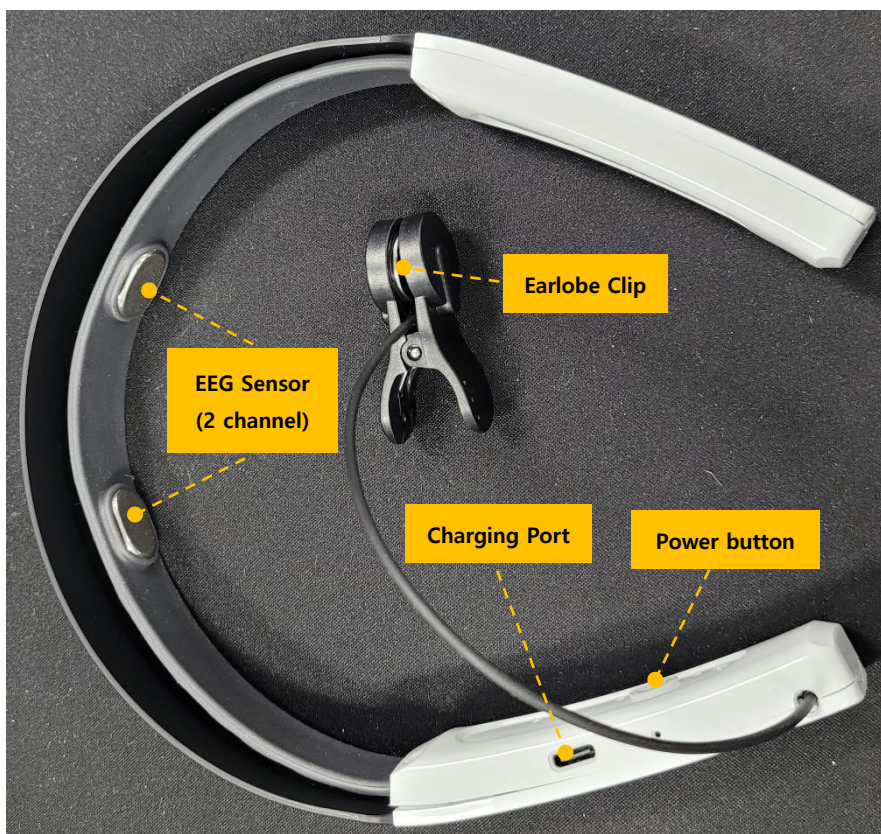


User manual



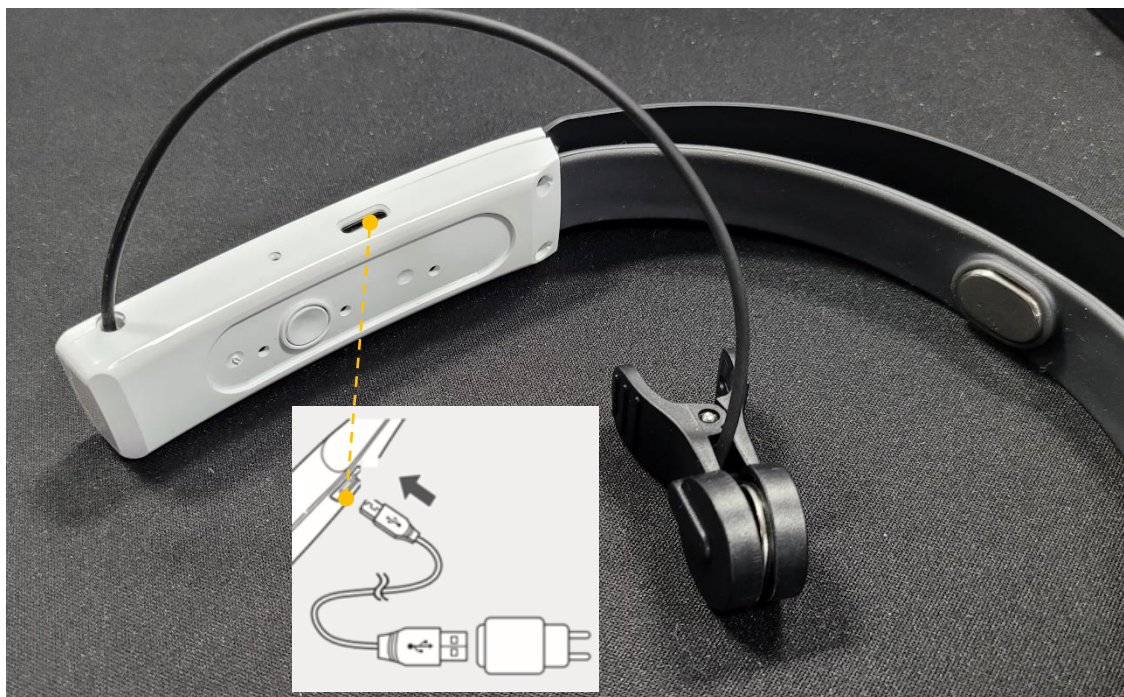
Portable Pouch

### 2. Description of Parts





### 3. Charging



- ① For charging, do connect USB cable to right under USB charging port
- ② When the charger is connected, the Bluetooth pairing will be disconnected.
- ③ While charging, the LED indicator will show a solid red light.

\*Charging Status LED Indicator



- OCW-H25 Battery status will appear on OMNIFIT Application.

#### 4. Wearing



- ① Wear OCW-H25 where LED indicator must be located on right-side.
- ② Contact firmly EEG sensors onto forehead.
- ③ Put in earlobe clip firmly. earlobe clip have a function of grounding.

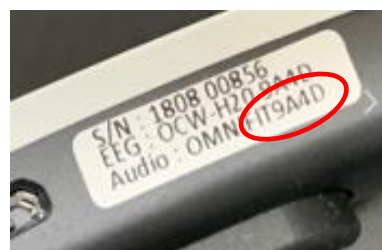
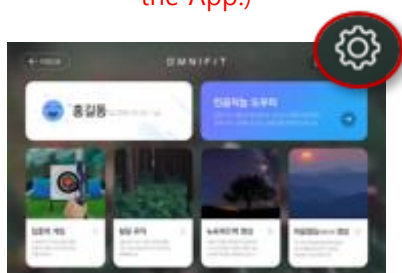
## 5. Pairing

### ① Headset Pairing

Press a power button for 3sec for power ON








BrainTraining App > Select the [Settings] icon on the right side of the screen > Select Device [Search] > (If it is automatically connected, use it as it is) > Select [Connect] > Connection completed.

(Caution: Do not connect directly from the tablet's Bluetooth settings, but must connect through the App.)



Check the 4-digit device number on the side of the headset

## 6. LED Indicator

Status	LED Indicator			Action
	Solid Light	Bl i nk	D i m m i n g	
Charging (Red)				Charger connected
Fully Charged (Green)				Charger connected
Power on (White)				Power button pressed for 3sec
Low Battery (Red)				When battery left under 5%
BT disconnected (Blue)				When Power is on and BT not connected
BT connected (Blue)				When BT connection succeeded, the blue light stays on for 3 sec and then turn off.
Measuring (Yellow)				When measuring

## 7. Specification

Category	Item	Specification
Main Part	Main Chipset	EFM32BG1
	EEG Sensors	2 Channel
	Memory	N/A
	Bluetooth	BLE 4.2
	Connection	BLE
	LED	RGB LED
	USB	Micro 5pin Connector
	Power on / off	Power Button
	Reset Switch	Reset switch
Earlobe Clip	Earphones/Earbuds	Black housing(PC) Metal ground
Battery	Li-polymer battery	3.7V 300mAh (37x15x5t mm, 7g)
	Play time	Up to 14Hrs
	Standby time	Up to 500Hrs
	Charging time	< 2Hrs
Dimension/Weight	Dimension / Weight	157.8 X 181 X 25.4mm / 97g

## 8. Storage condition

- After use, wipe the metal electrode clean and store it in a place that is not inclined, except for a place with dust, liquid, temperature, moisture, and humidity that exceed the usage range.
- Storage temperature: -10 ~ 50 °C
- Storage Humidity: 15 ~ 90 %RH

## 9. Precautions

- Do not drop the device.
- Do not modify, repair, or disassemble.
- Do not expose directly to water, alcohol, benzene, etc for cleaning.
- Do not expose directly to flammables.
- Do not place or keep the device near flammables.
- Keep the device away from excessive humidity and dust.

- Only charge the headset with certified charger, otherwise it may be damaged.
- Do not expose the battery to extreme temperatures, never above +60°C (+140°F) or under -20°C (-4°F)
- The product should be connected to power supply not exceeding LPS or PS2 complying with EN IEC 62368-1:2020 + A11:2020

## **10. Limited Warranty**

- The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the product to be repaired or replaced. OMNIC&S reserved the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
- This Warranty does not cover any failure of the product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with instructions for use and maintenance of the product. Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God or damage resulting from liquid.
- This warranty does not cover product failures due to improper repair installations, modifications or service performed by a non-OMNIC&S authorized person. Tampering with any of seals on the product will void the warranty.
- OMNIC&S warrants this product to be free from defects in design, material, and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

## **11. Battery**

- Provided (in instruction manual)
- Replacement of Battery is limited only by service personnel.
- This product contains a battery. During using, storing, or transporting this product, do not place it in extremely hot or cold places, or at high altitude and low atmospheric pressure.
- Do not disposal of battery into fire or a hot oven.
- Do not leave the product including a battery in an extremely high temperature surrounding environment or the leakage of flammable liquid or gas.



# OMNIFIT

[www.omnifit.co.kr](http://www.omnifit.co.kr)

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This product has been manufactured by, and is sold under the responsibility of OMNIC&S Inc., and OMNIC&S Inc. is the warrantor in relation to this product.

OMNIFIT<sup>®</sup> is a registered trade mark of OMNIC&S Inc.

Address: #314, 288 Digital-ro, Guro-gu, Seoul, Republic of Korea

## FCC Information

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 interface, 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 CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

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

### **WARNING**

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

### Uncontrolled Exposure / General Population

This wireless portable device has been found to comply with the Specific Absorption Rate (SAR) specified for uncontrolled environment/general population exposure limits and has been tested according to specified measurement procedures.

This product is compliance to FCC RF Exposure requirements and refers to FCC website <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2APFA-OCW-H25 to gain further information include SAR Values.