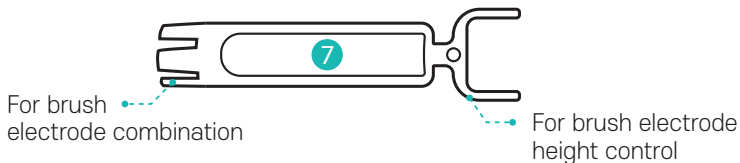
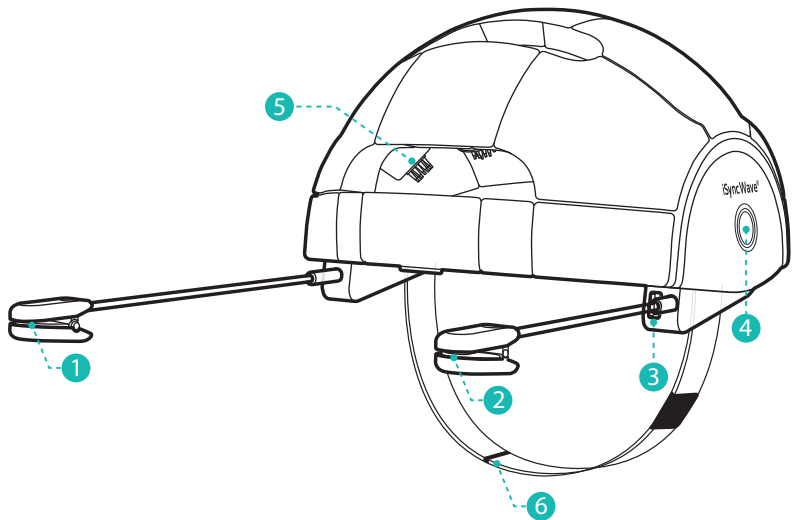


iSyncWave

Manual for a quick start

Names for each part of the product



Names for each part of the product

- ① **REF electrode** Reference electrode sensor for measuring the brain wave
- ② **PPG sensor** Light sensor for measuring the pulse
- ③ **USB Connector for charging** USB C Connector terminal
- ④ **Power Button**

| Function | Operation | LED | State |
|--|-----------------------------------|-----|--|
| Power On | Pushing for more than two seconds | On | Green: more than 30% Magenta: less than 30% |
| *When the battery is less than 10%, charging pops up at the app. | | | |
| Charging | USB-C connection | On | Green: 100% Magenta: less than 100% |
| Measurement | | Off | |
| Power Off | Pushing for more than two seconds | Off | |

- ⑤ **Electrode** electrode for measuring the brain wave
- ⑥ **Chin strap** strap for fixing and stabilizing iSyncWave
- ⑦ **Tool for replacing the electrode**
a tool to replace brush electrode or to control the height

※ The product shape can be changed to improve the quality without notice.

STEP 1 Preparation before the measurement

1



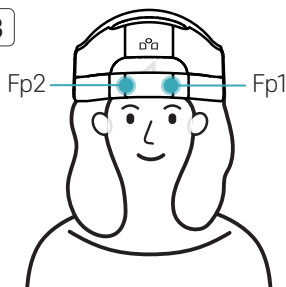
Remove all accessories before the measurement.

2



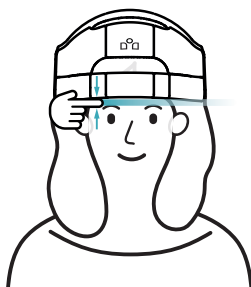
Clean the forehead and earlobes before the measurement. (recommended)

3



Place Fp1 & Fp2 electrodes on your forehead and put on the device from the front first and the back last as if you are combing your hair.

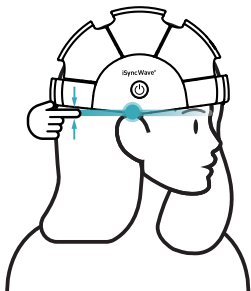
4



Look straight ahead when putting on the device. Ensure that the front electrodes are approximately one finger (1cm) from your eyebrows.

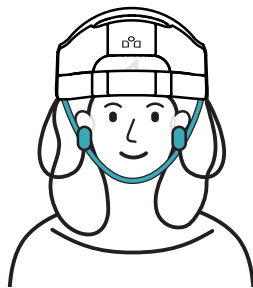
STEP 1 Preparation before the measurement

5



Ensure that T3 & T4 electrodes are approximately one finger (1cm) from your earflaps.

6

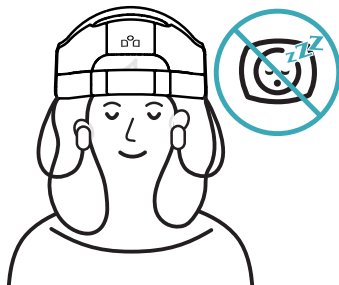


Attach the sensors to each earlobe for the measurement then adjust the chin strap.

Recommended posture before measuring the brain wave / warning



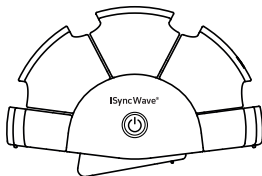
Sit back and relax but try not to make your neck stiff.



Be careful not to fall asleep during the measurement.

STEP 2 How to start the App before the measurement

1



2



iSyncWave ON

Push the power button to start the iSyncWave. (The light will show up in blue and change according to the charging state.)

Starting APP

Touch the iSyncWave / iSyncMe App on a tablet to start the app.

▶ You can download it at google play store.

3

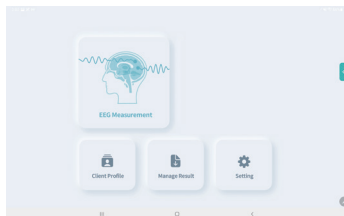


Log in

Enter the ID and password and log into the app.

STEP 2 Checking the impedance before the measurement

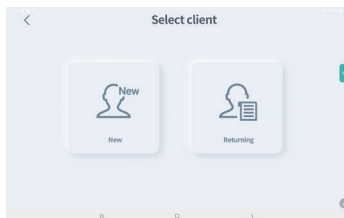
4



Selecting brain wave measurement

Select brain wave measurement.

5



Selecting a client

Select new client or registered client at the menu.

6

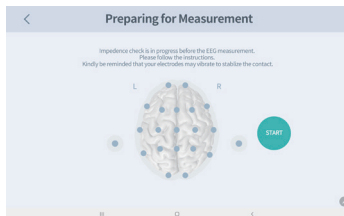


App & Device connection

Select the Bluetooth icon and connect to a device.
(If it is not connected to a device, select reinitialization and push the renewal button on the upper right area to connect to the device.)

STEP 3 Measuring impedance before the test

1



Measurement preparation 1

Push the **START** button to check the impedance before starting the measurement.

2

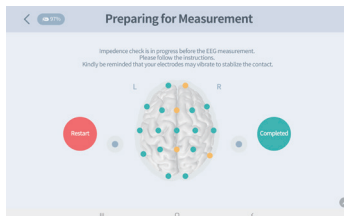


Test preparation 2

You can select vibration or slightly press the upside of electrode to reduce the impedance.

- All green - Select Complete button.
- Red - Select Vibration button.
- Yellow - Select Vibration button.

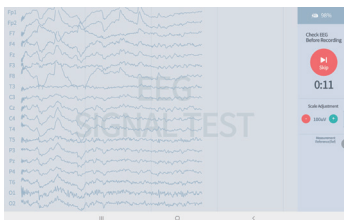
3



Test preparation 3

If the impedance is stabilized, push the Complete button. (If you push the Complete button when there is no red color, you can get the optimal signal.)

4

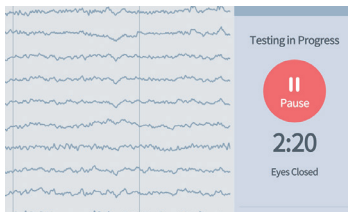


Confirming the signal state

Before measuring the brain wave
EEG Signal TEST /
PPG Signal TEST
check the signal quality.

STEP 4 Measuring the brain wave

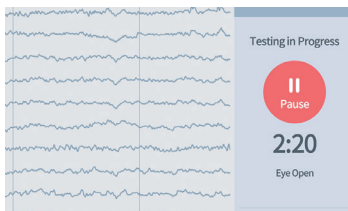
1



Measurement condition: (Eye Closed)

Close your eyes and start the measurement for time set. (You can change the time. You should measure it for more than 2.5 minutes to get optimal quality.)

2

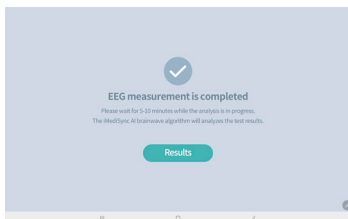


Measurement condition: (Eye Open)

Open your eyes and start the measurement for time set. (You can change the time or omit this measurement condition. If you want, It is recommended to measure it for more than 2.5 minutes.)

※ HRV result requires more than 5 minutes to get optimal quality. Recommended time set: 2.5min EC + 2.5min EO

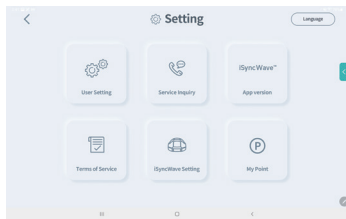
3



Completing the measurement

When EEG measurement is complete, the data is automatically uploaded to AI brain wave analysis platform iSyncBrain®. It takes about 5 minutes for the result analysis. (Check the measurement result at the 'Manage Result' of the main page of the application.)

Setting menu



User setting / Service inquiry /
App version information / Terms of
service / iSyncWave setting /
My point






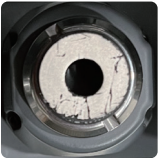


Setting the time for the state of
eyes closed / setting the time for
the state of eyes open /
setting the repetition time

How to wash

- Clean the surface of the equipment with alcohol swap.
- Clean the electrodes with a brush of isopropyl alcohol.
- ※ Don't put the main body of the equipment into water.
- ※ Don't pour water over it for cleansing.

Reference for electrodes replacement

Conditions and status

| condition | Brush | Flat | explanation |
|-----------------------|--|--|---|
| Excellent |  |  | Brush : The electrode coating is intact |
| | | | Flat : The electrode coating is intact |
| Good |  |  | Brush : Less than two electrode coatings are peeled off |
| | | | Flat : 1/3 of electrode coatings are peeled off |
| Replacement suggested |  |  | Brush : More than three electrode coatings are peeled off |
| | | | Flat : More than 1/3 of the electrode coatings are peeled off |

Reference for electrodes replacement

Precautions when using iSyncWave

1. After performing two hundred or more EEG Measurements, check the condition of the electrode for possible replacement.
 - The average electrode peeling off begins from 180 to 220 EEG Measurements.
2. Clean the electrode thoroughly each time after using iSyncWave.
 - The electrode should be gently cleaned with a soft cloth or brush moistened with isopropyl alcohol.
 - If the electrode is not cleaned properly, it may cause premature electrode peel-off.
3. Use electrodes purchased from iMediSync only to maintain product quality and specifications.
4. Using the same disinfected electrodes may lead to premature electrode wear.

After Service

Please check the followings before asking A/S

- For situations not described above, please restart your device to try again.
- If it has the same symptom even after turning off and turning on, please contact our client support center.
- You can contact both the shop you purchased it from and our client support center for A/S.
- The iSyncWave product warranty is for one year from the purchase date. However, if the product has been damaged or broken for a reason other than the natural cause, (disassembling of the product, custom modification, Etc) it will not be compensated by our warranty. The warranty does not include replacement of consumables (electrodes, Etc).

※ This warranty guarantees free repair under the condition of the period described here. It doesn't restrict your legal rights. If you have any questions about the repair after the warranty period, you can contact the shop you purchased it from and our client support center.

Warranty

Product name:

Model name:

Product number(S/N):

Purchasing date:

Purchasing place:

Guaranteed period: one year from the purchasing date

Customer information: (company name)

(name)

(contact number)

This product was released after strict quality management and passed a general test.

Manufacturing request and seller: iMediSync Inc.

Head office: iMediSync, 15F, 411, Teheran-ro, Gangnam-gu, Seoul

Client support center (A/S): 1533-4080