

User Manual niostem Headset

The niostem headset is a wearable electronic device to combat common hair loss, also known as pattern baldness. The device reactivates physiological hair growth via low-level, imperceptible bioelectrical stimulation of the scalp. The niostem headset must be used daily for 30 minutes to stop hair loss and reactivate hair regrowth. A minimum usage period of 6 months is recommended to start observing visible results. The niostem headset was engineered and made in Germany.



1. What's in the shipping box?

- a.** Head wearable device (niostem headset)
- b.** Travelling and storage case (model can differ from picture)
- c.** USB-C charging cable
- d.** 1x spare electrode
- e.** Short security strap
- f.** Long security strap
- g.** Optional: 100 ml travelling silicone bottle to refill booster gel
- h.** 250ml booster gel (Spectra 360)
- i.** Optional: Scalp massage activation brush



a. Head wearable device (niostem headset)



b. Travelling and storage case (model can differ from picture)



c. USB-C charging cable



d. 1x spare electrode



e. Short security strap



f. Long security strap



g. Optional: 100 ml travelling silicone bottle to refill booster gel



h. 250ml booster gel (Spectra 360)



i. Optional: Scalp massage activation brush

2. Device Parts

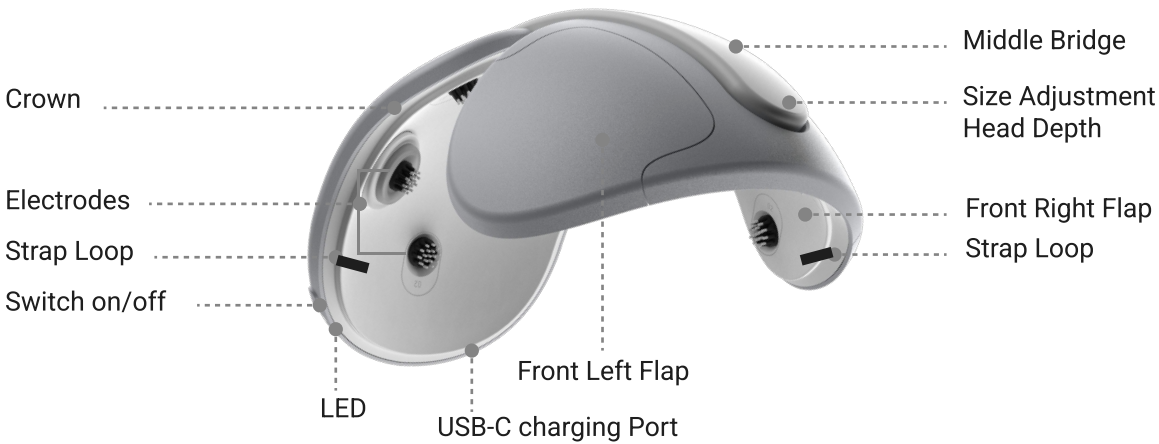
Back Side View



Front Side View



Back Side View



LED Indication Guide

Color	Indication
Solid Red 	Battery is charging
Blinking Red 	Battery is low
Solid Green 	Battery is fully charged
Blinking Blue 	Bluetooth pairing
Solid Blue 	niostem headset is paired to phone
Solid Purple/White 	Adjustment in progress
Fading Purple/White 	Session in progress

Note: battery charge levels can be seen in the App.

4. How to get started

Check the "How to" videos at <https://niostem.com/pages/troubleshooting>

3.1 Charge the device before the first use. It takes approximately 2 hours for a full charge.

3.2. Download the niostem App to your smartphone. Both Android and iOS are supported.

3.3 Sign up into the niostem App with your email address or using your social logins. Follow the steps to register.

3.4 Turn on the device by pressing the ON/OFF button for 2 seconds until the LED lights up and blinks in blue colour.

3.5 Pair the device to your smartphone

- Open the niostem App and make sure the Bluetooth on your smartphone is activated.
- Connect the device by tapping the Bluetooth icon  located on the upper right corner of the Home screen in the App.
- Select a device named "niostem" and wait for it to pair with your phone.
- When pairing is successful, the LED will stop blinking and will light in solid blue. Moreover, the icons for Bluetooth will turn green in the App. 
- Bluetooth pairing needs to be done only once; thereafter, your phone will recognise and connect automatically to the device as soon as it is turned on.
- Note: the device only works with internet connection



4. How to use the device

4.1 Adjust the size of the device to your head. To do this, slide carefully the middle bridge (see 2. Device Parts) back/forth from the frontal flaps by holding with one hand the middle bridge and with the other hand the frontal flaps. Adjust the size to make it fit tightly and comfortably on your head. Once you use the App to see how well the device is placed on your head you will learn quickly what size gives you the best scalp-to-electrode contact.

On the device there are 5 marks that indicate different head sizes from small (1st mark) to very large (5th mark) (see 2. Device parts).

4.2 Place the device on your head with the front part just covering your hairline but not too low into your forehead. The middle bridge should be on the middle of your head, and should follow a continuous imaginary line with your nose bone. The crown part of the device should be located on the crown area of your head. See below examples on how to wear the device and [this video](#). Using a mirror or the front camera of your mobile phone can help set the device correctly.



Optional:

Before trying the device with the security straps, make sure you try it without any strap. Many users find it easier to wear and more comfortable without the straps.

A. Short security strap: setup the security strap by fixing its 4 velcro-ends to the strap loops located on the device's front flaps and the crown. The picture below shows the correct placement of the short strap. Using the strap can improve electrode-scalp contact, increase secureness and prevent the device from falling accidentally. Users are advised to test wearing the device with and without the strap and choose the preferred option.



B. Long security strap: also known as chin strap (below). This strap gives increased secureness and scalp-electrode contact for those with long/thick hair. It also allows the user to perform more vigorous activities.



Note: only use the straps if needed and control carefully that the pressure of the electrodes on the scalp is not too high, as this can cause discomfort and slight headaches due to increased pressure on the blood vessels and nerves on the head. The niostem headset has been designed to be comfortable to wear i.e. no excessive pressure is required.