Vibby Oak S

# Installer Manual

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# 1 INTRODUCTION

## 1.1 Preamble

**The Vibby Oak S** is a voluntary call system equipped with intelligence that, in certain cases, will provide an additional level of protection if the user is unable to trigger the alarm themselves.

**The Vibby Oak S** has been designed to automatically detect severe or dangerous falls (a sudden and rapid loss of balance followed by a heavy impact of the body on the ground, resulting in the user's inability to return to a standing position).

**The technologies on which fall detection is based do not allow for the detection or interpretation of all types of falls.**

## 1.2 The steps of automatic fall detection

**VIBBY OAK S: AN AUTOMATIC FALL DETECTOR***

A heavy fall is characterised by six stages:

**1. Normal Activity**

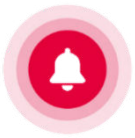
Our technology **analyses the movements of a person's daily activity** in a non-intrusive manner.

**2. Imbalance**

**Rapid and sudden loss of balance or loss of verticality.**

**3. Heavy fall**

**Strong impact of the body on the ground. The Vibby Oak S detects abnormal activity thanks to a new algorithm combined with multiple sensors.**



### 4. Silent analysis

The person is lying on the floor and cannot get up. They are unable to press the SOS button or get up.

### 5. Warning

For 30 seconds, the Vibby Oak S flashes and vibrates to warn the user that an alarm will be sent.

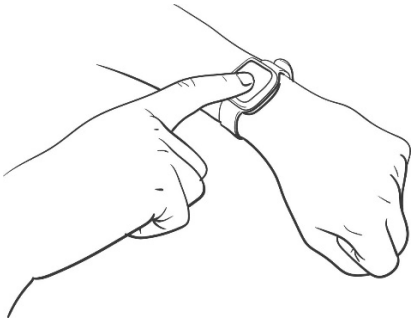
### 6. Sending the alarm

**The automatic alarm is directly sent to the partner device.**

**REMINDER*: Our technology does not allow us to analyse all fall situations.**

## 1.3 Vibby Oak S functions

**Manual alarm**



An SOS button is in the middle of the Vibby Oak S. Marked by a slight raised area; it allows the wearer to trigger an alarm themselves.

**Automatic alarm**

A set sensors combined with a new algorithm enables the automatic sending of an alert in the event of a severe fall detection.

### 1.4 Usage precautions

Remove the product at least once a week and clean it with a damp cloth.

In case of irritation, wear the product on the other arm.

In case of high sensitivity and a high risk of allergy, wear the Vibby Oak S as a pendant.

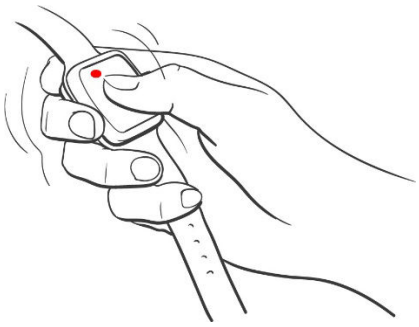
**CAUTION: Do not use household cleaning products on the product.**

## 2 THE DIFFERENT MODES

### 2.1 The active mode

**What is the active mode?**

When the Vibby Oak S is in active mode, it means that it is operational and ready to be worn. The user benefits from the automatic fall detection functions, provided the option has been set up by the service, as well as manual calling.



**How to know if the Vibby Oak S is in active mode?**

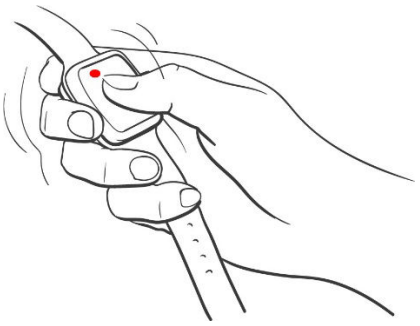
With a simple button press, the Vibby Oak S vibrates and its LED flashes to trigger an SOS.

### 2.2 The storage mode

**What is the storage mode?**

The Vibby Oak S is delivered by default in storage mode. This means it has been deactivated to preserve the battery life during storage and transport. If it has not

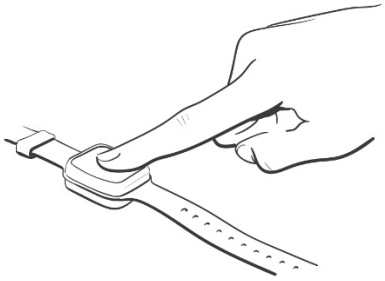
been used for a certain period, the Vibby Oak S should be set back to storage mode.



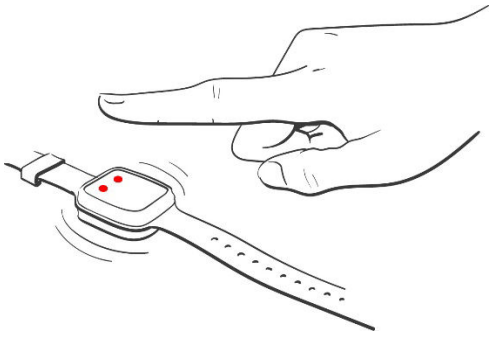
**How to know if the Vibby Oak S is in storage mode?**

With a quick double press of the button, the Vibby Oak S turns on (1 red LED flashes) and the Vibby Oak S emits a slight vibration. When in pendant mode, two red LEDs flashes.

## 2.3 Switching from storage mode to active mode.



**Step 1:**
Press the button until the two red LEDs appear.

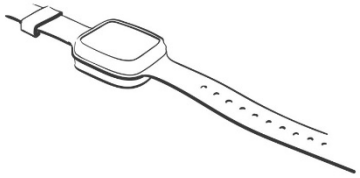


**Step 2:**
Release your finger as soon as the two LEDs light up. One red LED flashes and the Vibby Oak S vibrates slightly to confirm the switch.

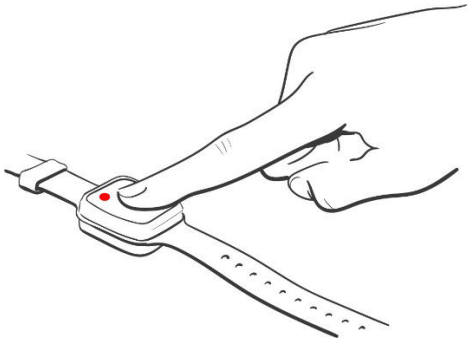
.

**NOTE:** We have deliberately removed the green LED to optimise energy consumption. From now on, when switching the Vibby Oak S to active mode, two red LEDs will appear to confirm the transition to active mode.

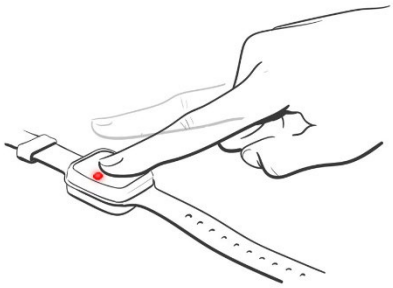
## 2.4 Switching from active mode to storage mode.



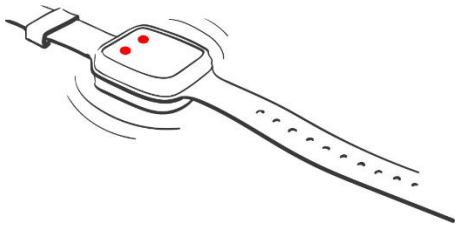
**Step 1:**
Place the Vibby Oak S flat on a table surface. Make sure to keep the device still during all four steps.



**Step 2:**
Press the button until the red LED lights up and the vibrations start, then release.



**Step 3:**
Before the red LED turns off and the vibrations stop, press the button five times in quick succession.

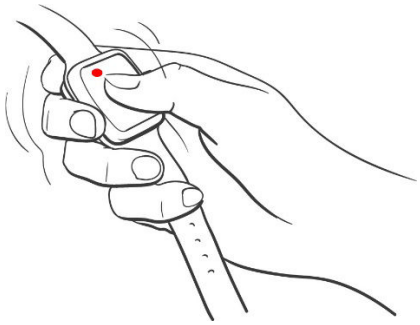


**Step 4:**
The two LEDs flash three times to confirm the switch to storage mode.

## 2.5 Vibby Oak S alarm test

### *2.5.1 Manual and automatic fall alarm test*

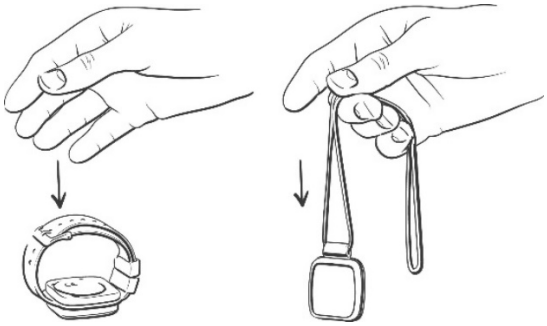
MANUAL ALARM TEST



**Step 1:**

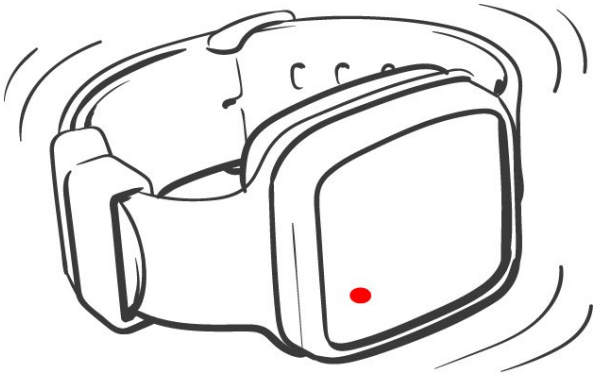
The manual alarm can be tested by simply pressing the button. The Vibby Oak S vibrates and its red LED lights up.

AUTOMATIC ALARM TEST



**Step 2:**

Drop the Vibby Oak S to the ground from waist height.



After a period of 30 seconds, the Vibby Oak S vibrates and its red LED flashes for 30 seconds before sending the fall alarm.

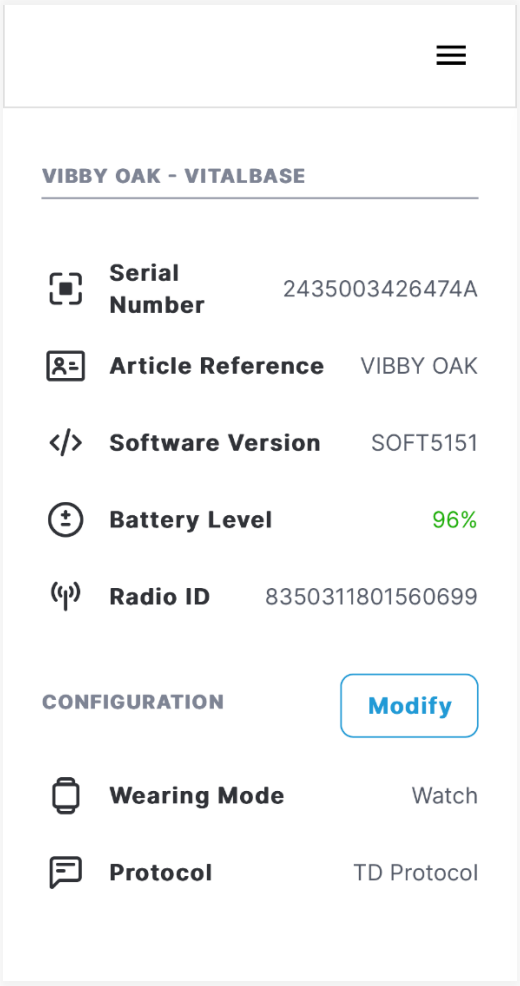
## 2.6 The different wearing mode of the Vibby Oak S.

### *2.6.1 Wristworn mode and pendant mode*

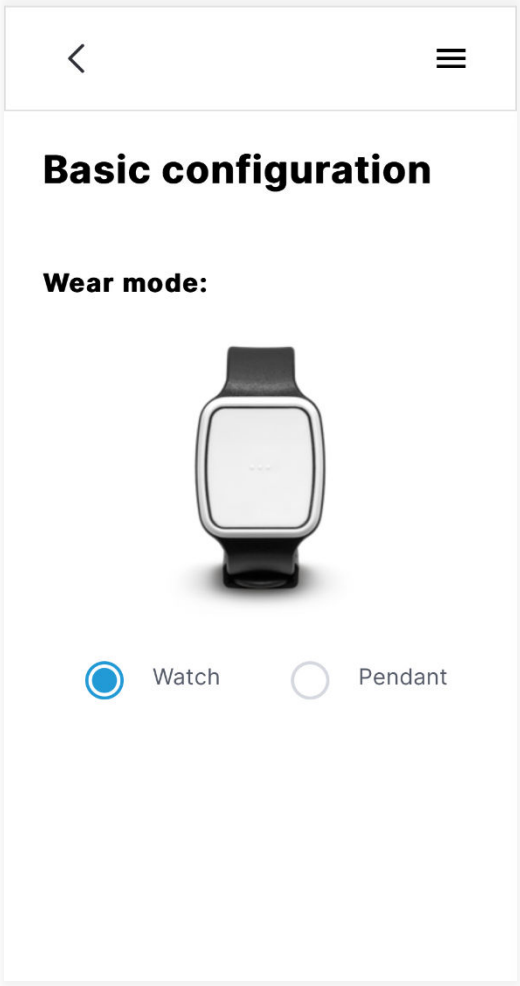
**On the wrist**

**As a pendant**

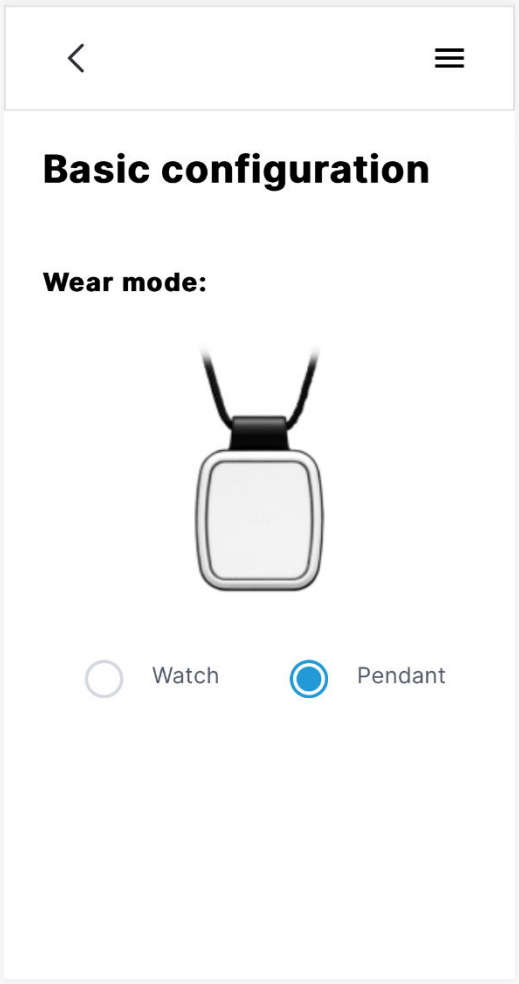
### *2.6.2 Wearing mode configuration via the mobile app*




After configuring and pairing the Vibby Oak S, you will be redirected to the current settings. Click on “**Modify**” the configuration to select a wear mode or to change the protocol.




Your Vibby Oak S is set to watch mode by default.

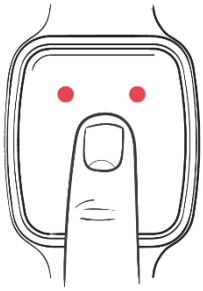



However, you can **switch to pendant mode**. A photo of the Vibby Oak S with the cord is then displayed.

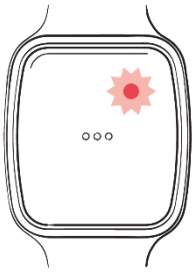
### *2.6.3 Manual configuration*

Before performing any operation, the Vibby Oak S **must be in storage mode**.

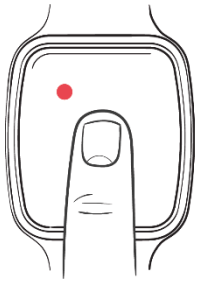
#### 2.6.3.1 Switching to pendant mode

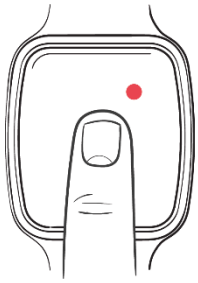


**Step 1:**
**Press and hold the button until both red LEDs light up**. The red LEDs will turn off and then light up again on the device. After approximately 9 seconds of holding, release your finger during the second appearance of the red LEDs.

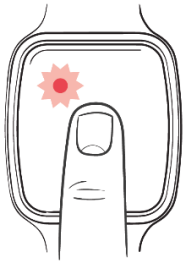


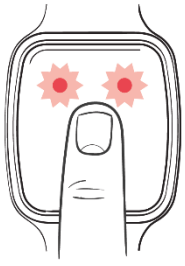
**Step 2:**
**The red LED will flash in the upper right corner**. Press and hold the button.





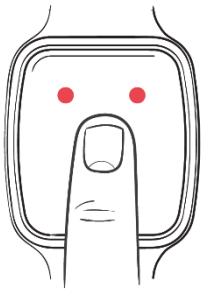
**Step 3:**
**Press and hold the button until the red LED appears** in the top right corner of the Vibby Oak S, then release your finger.



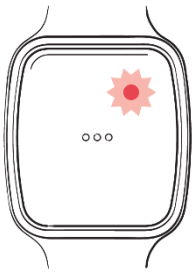


**Step 4:**
**Press and hold the button again until both LEDs appear,** then release your finger. The two LEDs will flash, and the device will vibrate to indicate it has switched to pendant mode.

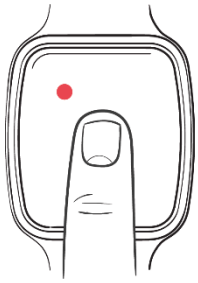
#### 2.6.3.2 Switching to wristworn mode

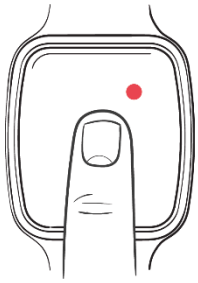


**Step 1:**
**Press and hold the button until both red LEDs light up**. The red LEDs will disappear and then reappear on the device. After approximately 9 seconds of holding, release your finger once the two red LEDs reappear.

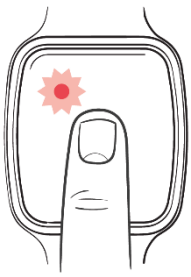


**Step 2:**
The red LED will **flash in the top right corner**. Press and hold the button.





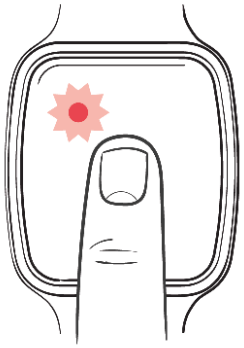
**Step 3:**
Press and hold the button until **the red LED appears in the top right corner of the Vibby Oak S**, then release your finger.



**Step 4:**
**Press and hold the button again until the red LED appears in the top left corner**, then release your finger. The LED will flash, and the device will vibrate to indicate it has switched to wrist mode.

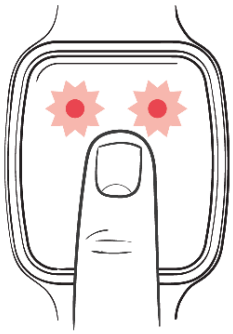
### *2.6.4 Checking the wearing mode*

#### 2.6.4.1 Wristworn mode



**Double-press the button on the Vibby Oak S.** The red LED will flash, and the device will vibrate. The Vibby Oak S is now in wrist mode.

#### 2.6.4.2 Pendant mode



Double-press the button on the Vibby Oak S. **Both red LEDs will flash, and the device will vibrate.** The Vibby Oak S is now in pendant mode.

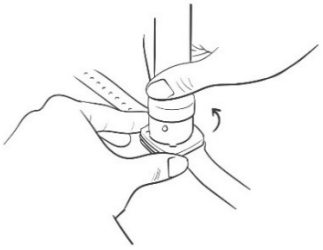
## 3 QUICK GUIDE

### 3.1 Battery replacement

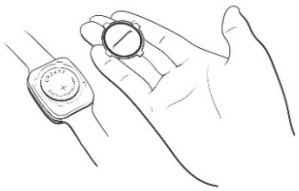
Before changing the battery of the Vibby Oak S, start by setting the device to storage mode.

Then, take the Vibby Oak S extraction key and replace the battery in 7 steps.

**Step 1:**
Take the key to remove the cover.



**Step 2:**
Turn the key a quarter turn.

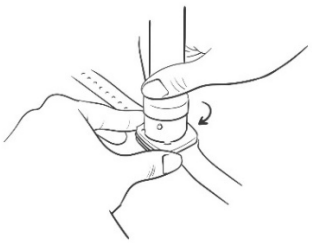


**Step 3 :**
Remove the cover.

**Step 4:**
Replace the used battery.

**Step 5:**
Place a new gasket back in position.

**Step 6:**
Reattach the cover, ensuring it aligns with the notches.



**Step 7:**
Turn it a quarter turn.

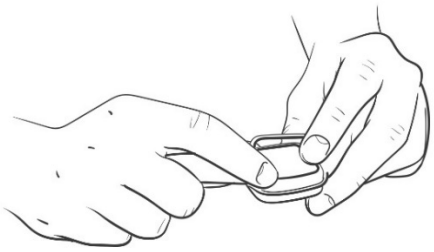
**Warning**: There is a risk of explosion if the battery is replaced with an incorrect model. When the battery is being stored, isolate the positive (+) and negative (-) terminals to prevent them from touching. Batteries can be short-circuited if stacked or mixed with other batteries in a disorganised manner. Recycle in accordance with regulations. Dispose of used batteries as per the instructions. Ensure the battery is stored in appropriate containers.

**Reference**: PANASONIC CR2477

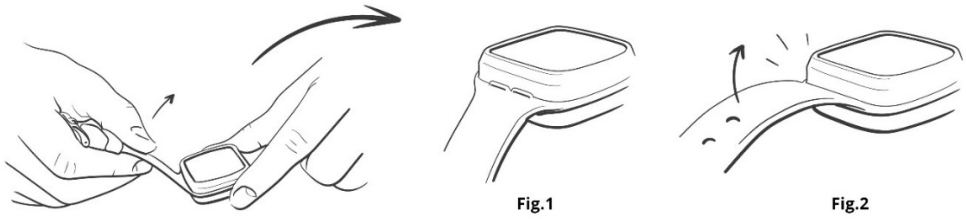
Battery life: Up to 3 years

### 3.2 Fitting the wristworn / pendant

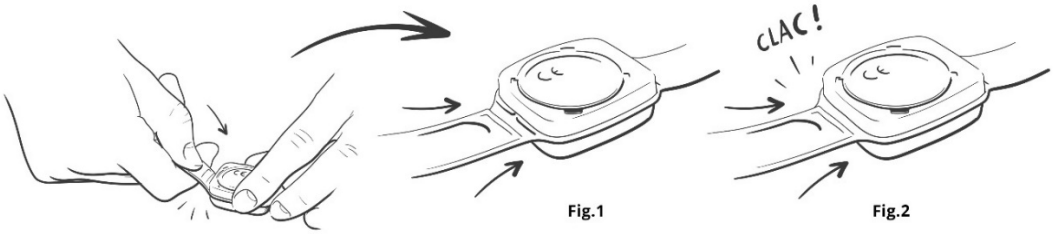
The fitting of the Vibby Oak S wrist / pendant must be carried out is storage mode by an installer. It is therefore intentionally difficult to ensure that the user or their family cannot easily do it themselves.



**Step 1:**
Position the wrist strap in the grooves of the Vibby Oak S. Ensure that the plastic strap is not twisted.




**Step 2 :**




**Step 3:**

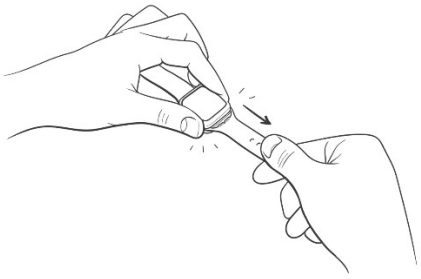
Place the Vibby Oak S face down on a flat surface. Firmly pinch the wrist and apply strong pressure (first horizontally, then downward) until the wrist is correctly inserted (the retaining tbs must be fully pushed into their slots).

**Fitting the pendant:**

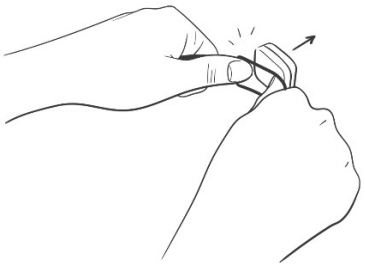
The procedure is largely the same. Position the pendant strap as shown in Step 1. Follow Steps 3 and 3 to correctly insert the upper part of the pendant.

### 3.3 Remove of the wrist / pendant

The fitting of the Vibby Oak S wrist / pendant must be carried out in storage mode by an installer. It is therefore deliberately difficult to ensure that the user or their family cannot easily do it themselves.



**Step 1:**
Hold the Vibby Oak S with one hand, then unclip the retaining tabs.



**Step 2:**
Eject the Vibby Oak S using your thumbs.

**Pendant Removal**

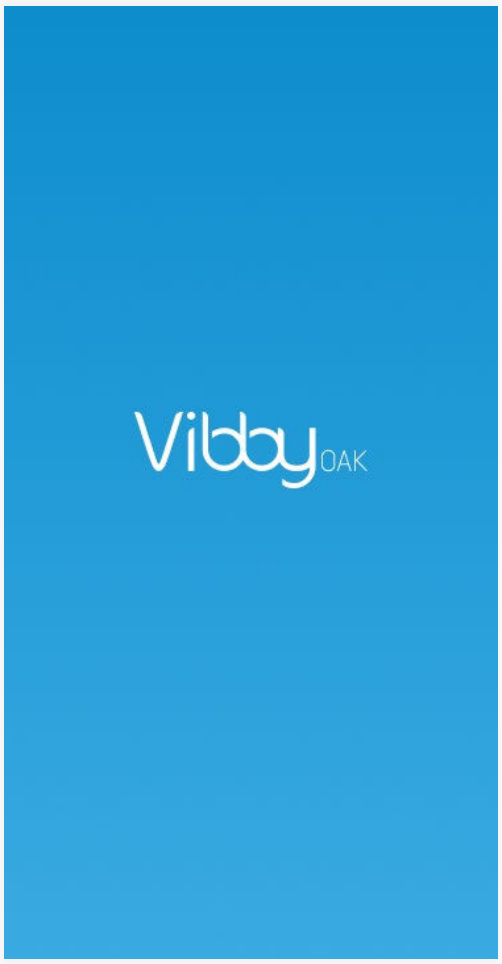
The procedure is largely the same. Pull sharply on the upper part of the upper part of the pendant as shown in Step 1. Then proceed to Step 2.

# 4 MOBILE APP

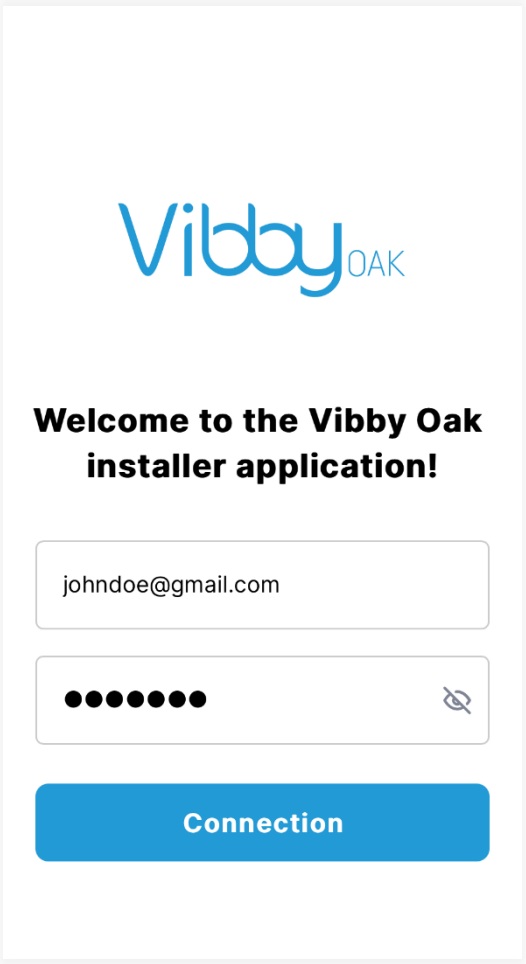
## 4.1 Introduction

The Vibby Oak S mobile app is already available on the Play Store for Android devices. For IOS devices, the Vibby Oak S mobile app will be available on the Apple Store by the end of 2024.

## 4.2 User Login




Launch of the **Mobile App.**




Please log in with the **LOGIN and password** provided in your request by Telecom Design.

### 4.3 Pairing a Vibby Oak S

**Important**: The Vibby Oak S **must be in storage mode** for the pairing process.

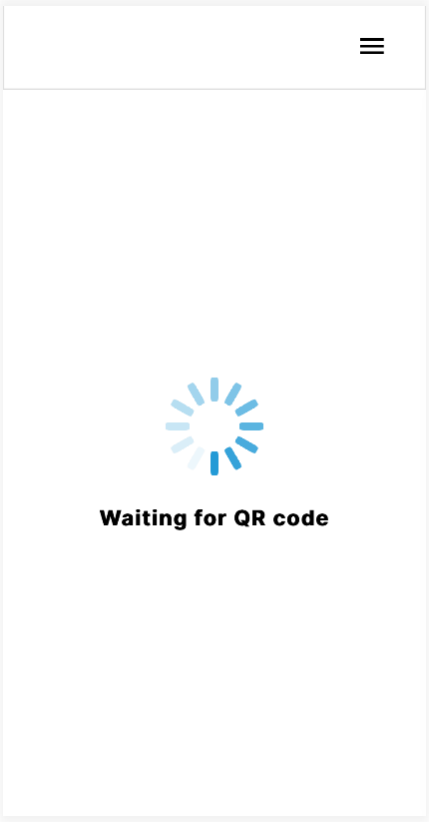
Please click twice consecutively to verify storage mode. A red LED will appear and flash. The Vibby Oak S will vibrate, indicating that the Vibby Oak S is in storage mode.

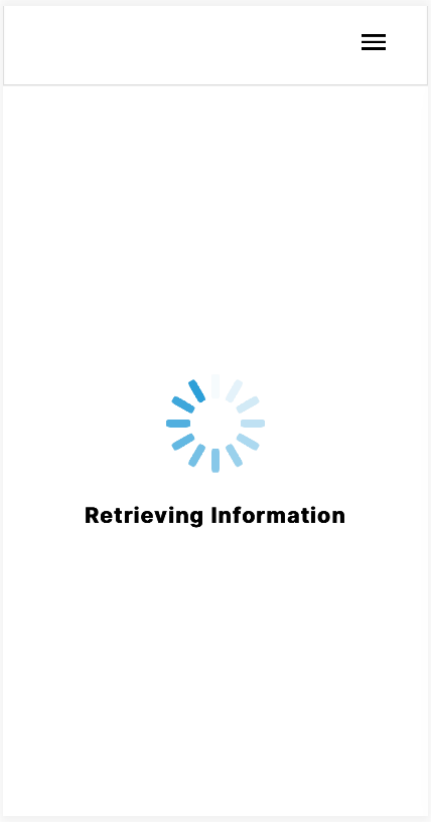
#### *4.3.1 First pairing method*

**Step 1:**
Obtain your Vibby Oak S.
**Put the Vibby Oak S into configuration mode to continue scanning the QR Code.**

**Step 2:**
Click on “Start Scan” to begin the pairing process.

**NOTE:** During the pairing process of the Vibby Oak S with the mobile app using the QR code, a confirmation pop-up will appear requesting permission for the app to use the camera. Accept this confirmation, and the screen will remain black. Then, go back and click “Start Scan” again. The black screen will disappear, and you will be able to scan the Vibby Oak S QR code without any issues.

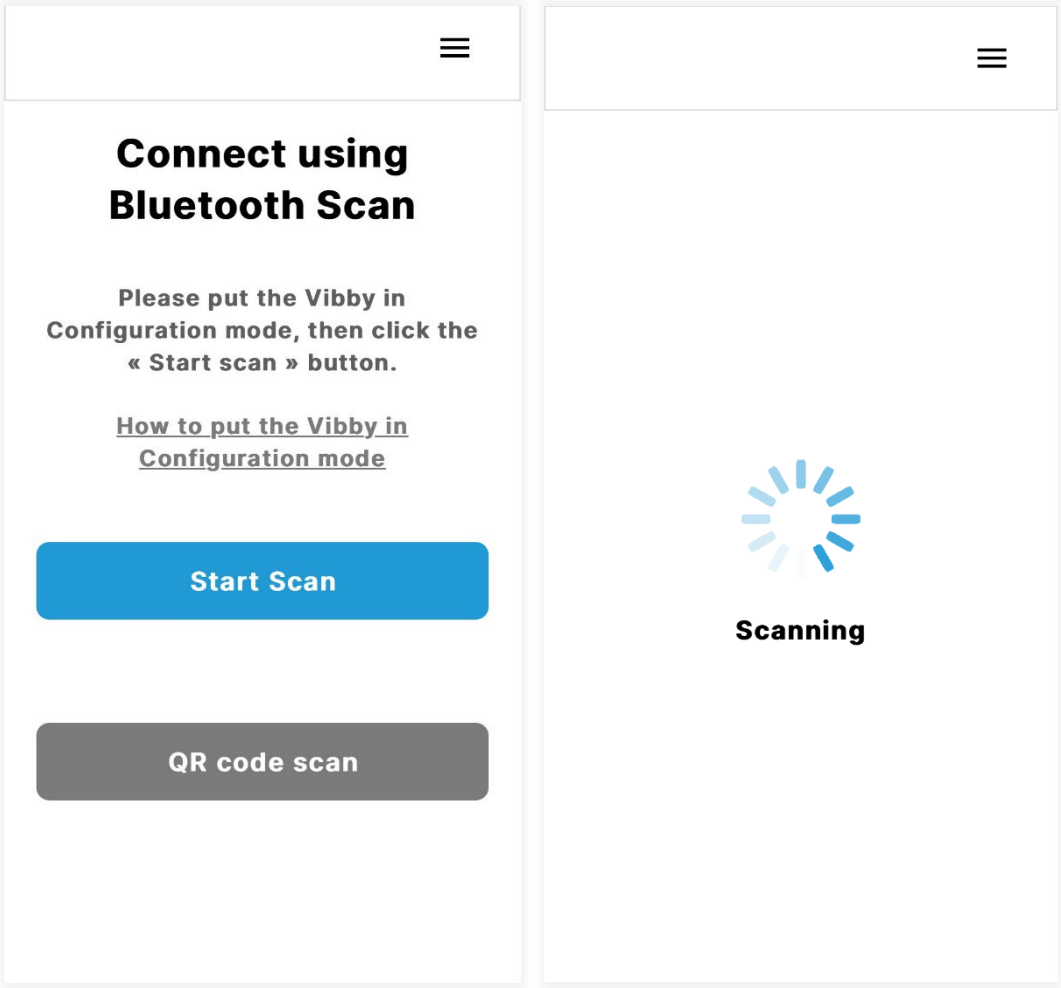



**Step 3:**

Before scanning, press the button and release it during the second series of red LEDs to activate Bluetooth. Then, scan the QR code located on the back of the Vibby Oak S. Pairing is in progress, and the app is retrieving information from the Vibby Oak S.

### *4.3.2 Second pairing method*

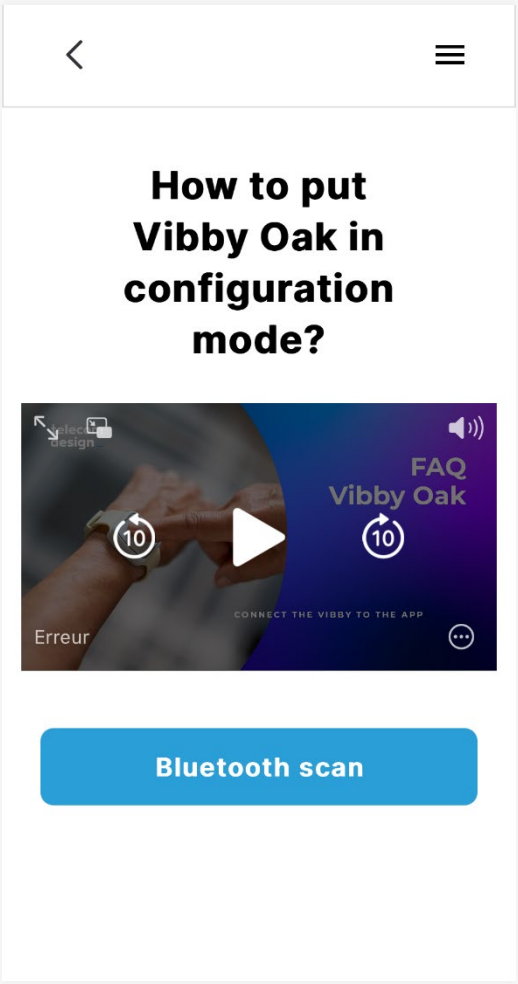


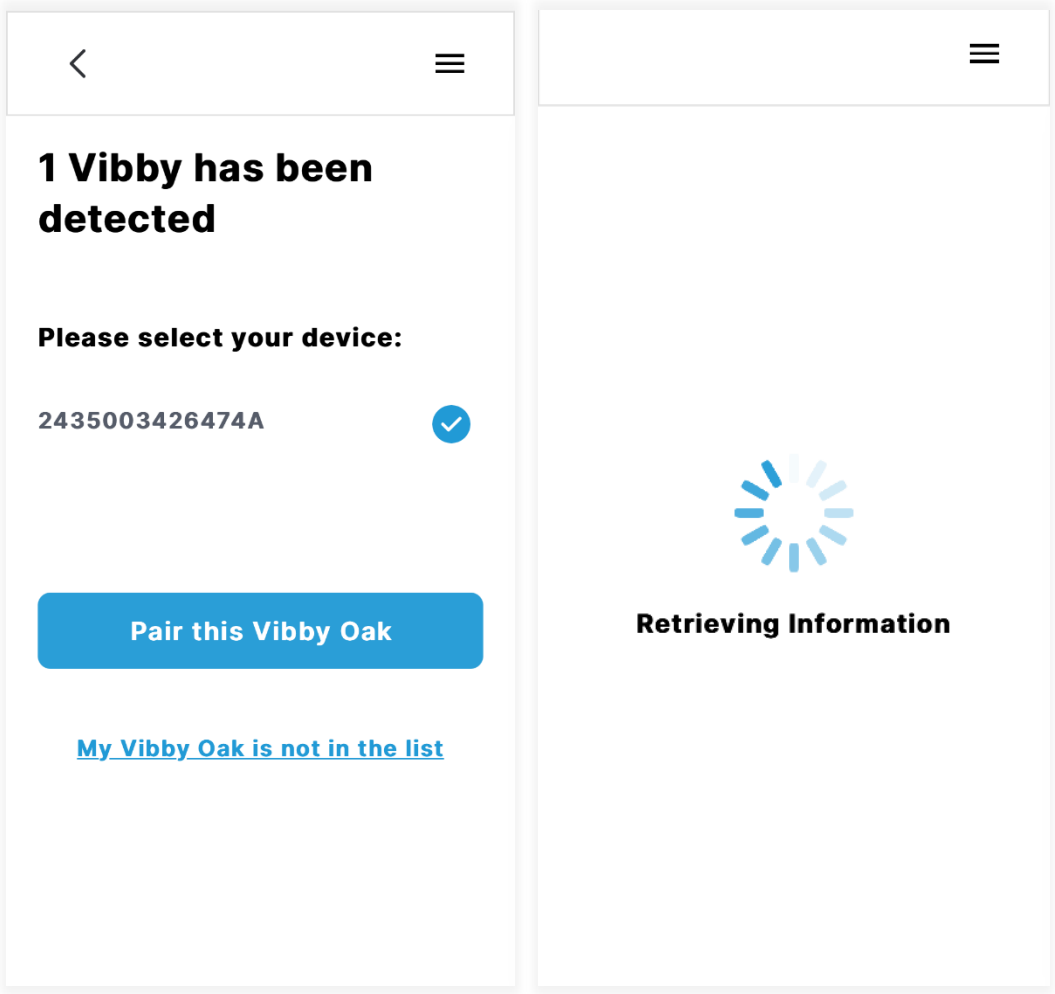

**Step 1:**

Press the button and release it during the second series of red LEDs to activate Bluetooth. The Vibby Oak S will vibrate, and the red LED will flash. Pairing can now begin.

**NOTE:** By clicking on "**How to switch a Vibby Oak S to configuration mode**", the app provides a tutorial video that explains the steps to put the Vibby Oak S into configuration mode and allow the app to connect to it.

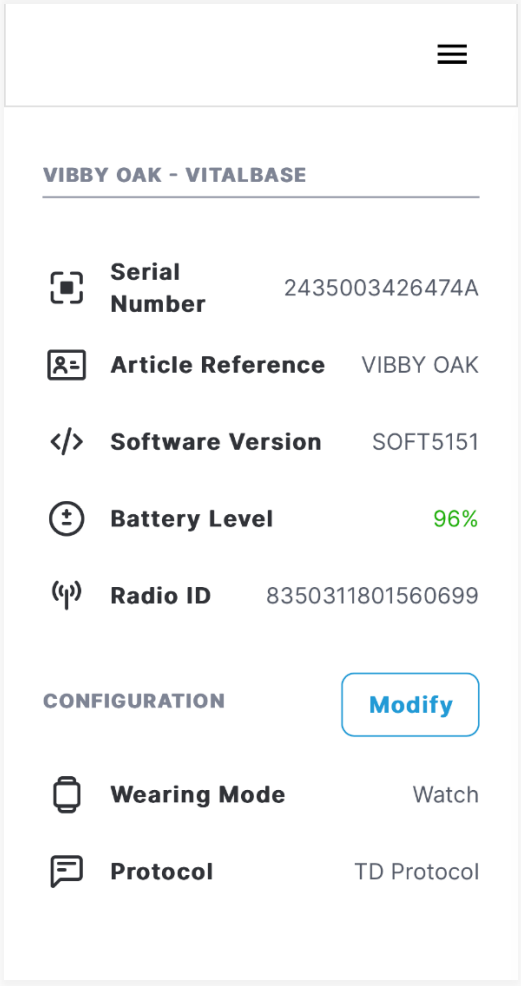
https://www.youtube.com/watch?v=E9ckKIVICt0


How to put Vibby Oak in configuration mode?
FAQ Vibby Oak
CONNECT THE VIBBY TO THE APP
Erreur
Bluetooth scan




**Step 2:**
Check that your Vibby Oak S appears **with the correct identification number**. Click on “Pair this Vibby Oak S” to confirm.

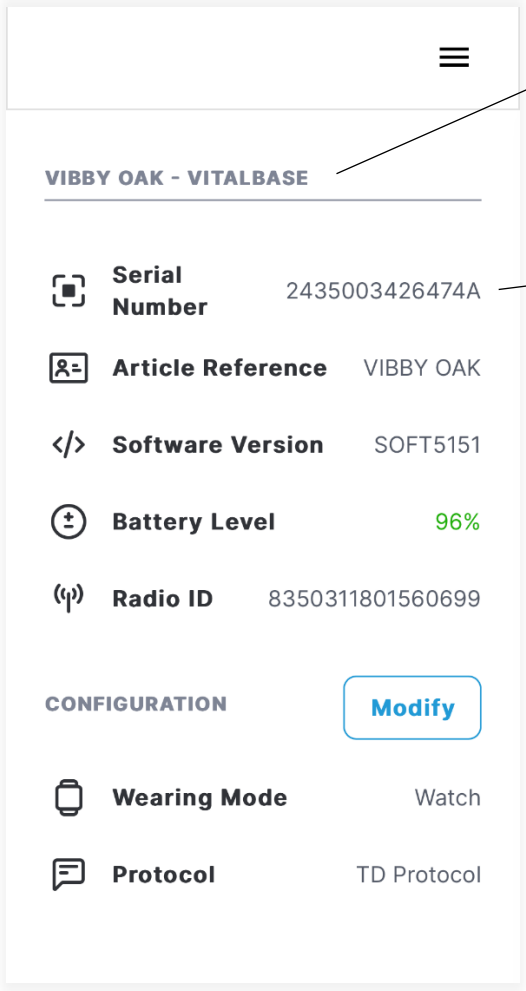
**WARNING:** If no action is taken in the app within 60 seconds after pairing, the Vibby Oak S will disconnect from the app. To confirm the disconnection, the red LED will flash, and the Vibby Oak S will emit a slight vibration.




**Step 3:**
Your Vibby Oak S **is paired.**

## 4.4 Configurations modes

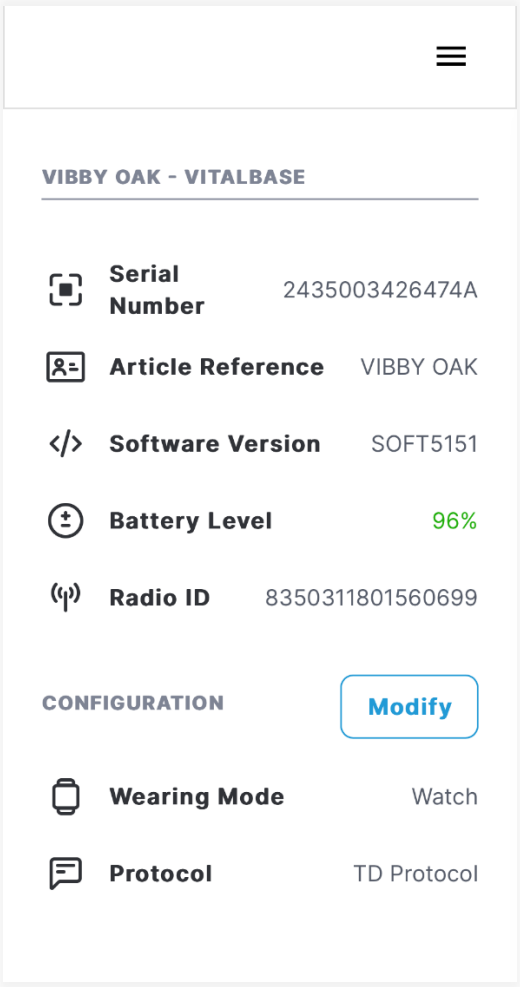
### *4.4.1 Basic configuration*



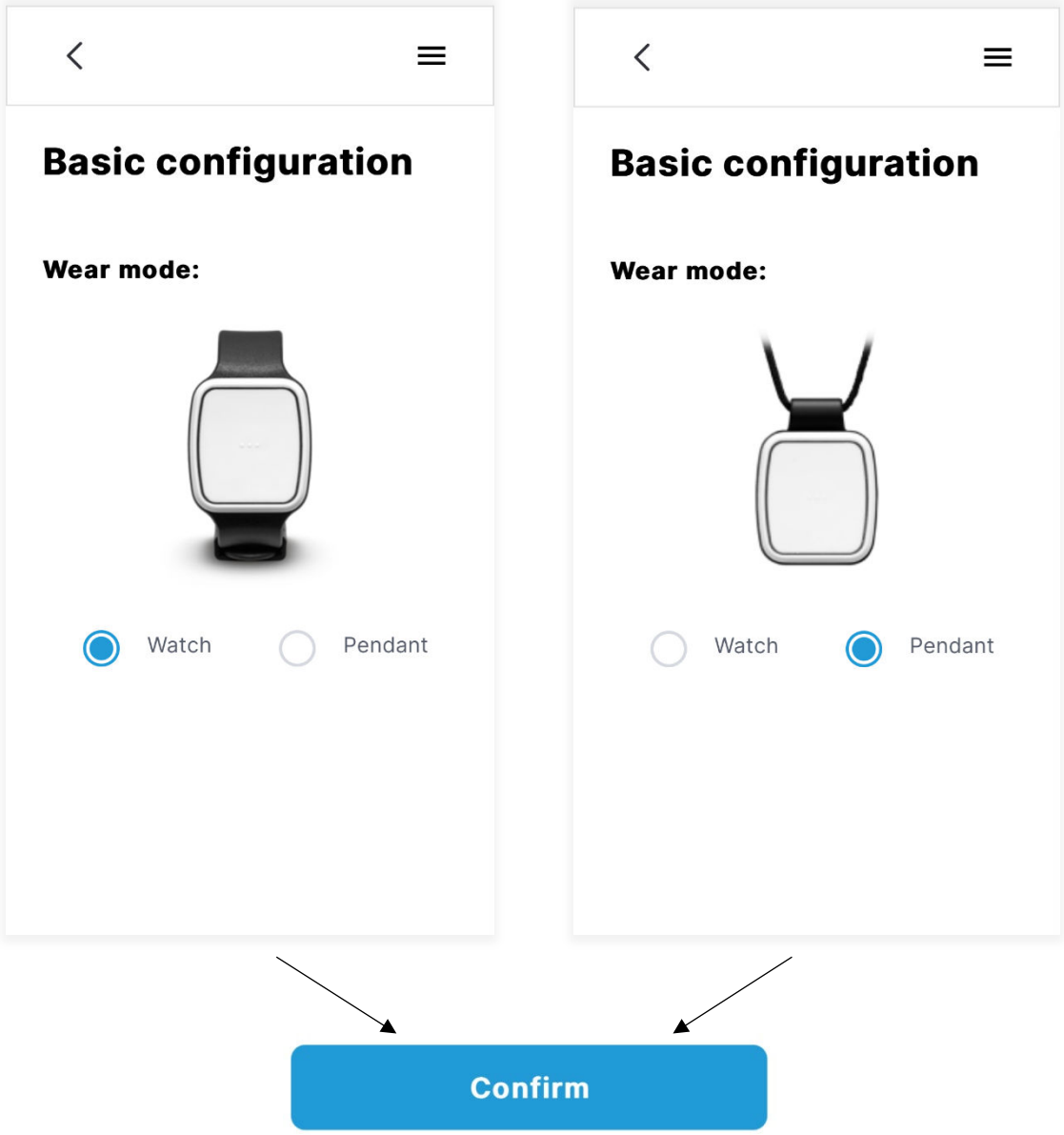

Manufacturer information. This mention is important; **a telecare operator should be able to easily identify the origin of a Vibby Oak S.**

The serial number corresponds to **the 14 characters printed under the QR code** on the back of the Vibby Oak S.

#### 4.4.1.1 Wearing mode



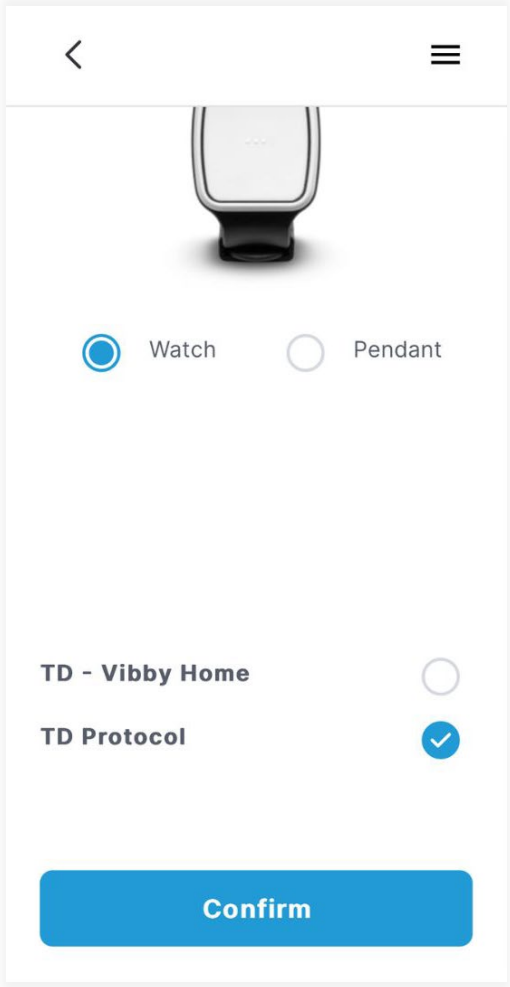

Click on the « **Modify** » button to access the basic configuration.




**By default, the Vibby Oak S is always in wrist mode.** The filled blue button confirms the wearing mode.

If you wish to change the wearing mode of your Vibby Oak S to pendant mode, click on “**Pendant**”. Confirm the change by clicking on “**Confirm**”.

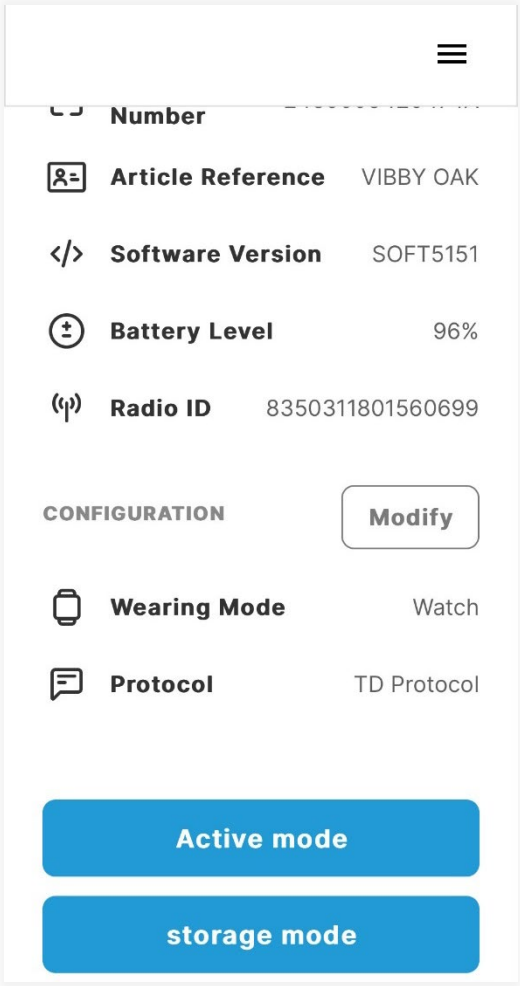
#### 4.4.1.2 The protocols




You have the option **to modify the protocol** of the Vibby Oak S directly in the app. Click on “**Confirm**” to validate the changes.

### *4.4.2 Advanced configuration*

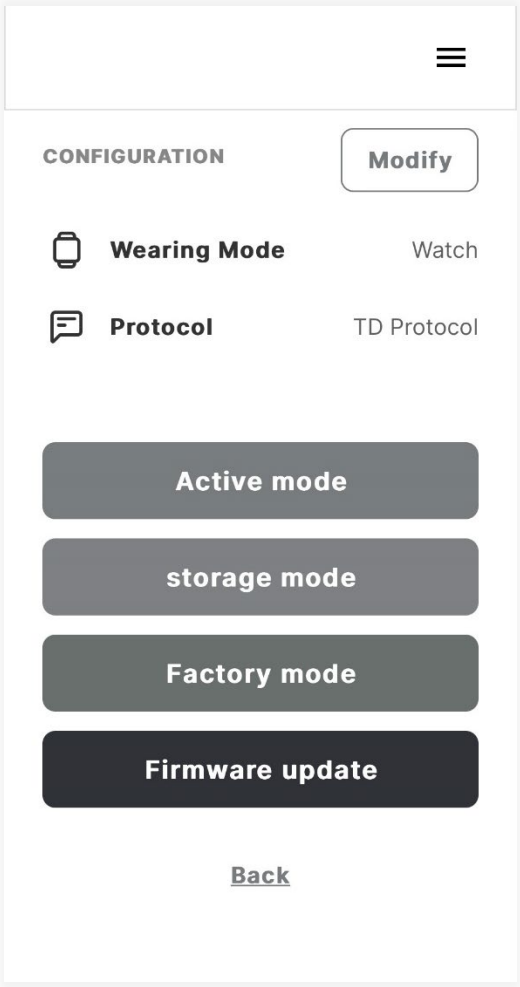
#### 4.4.2.1 The Vibby Oak S mode



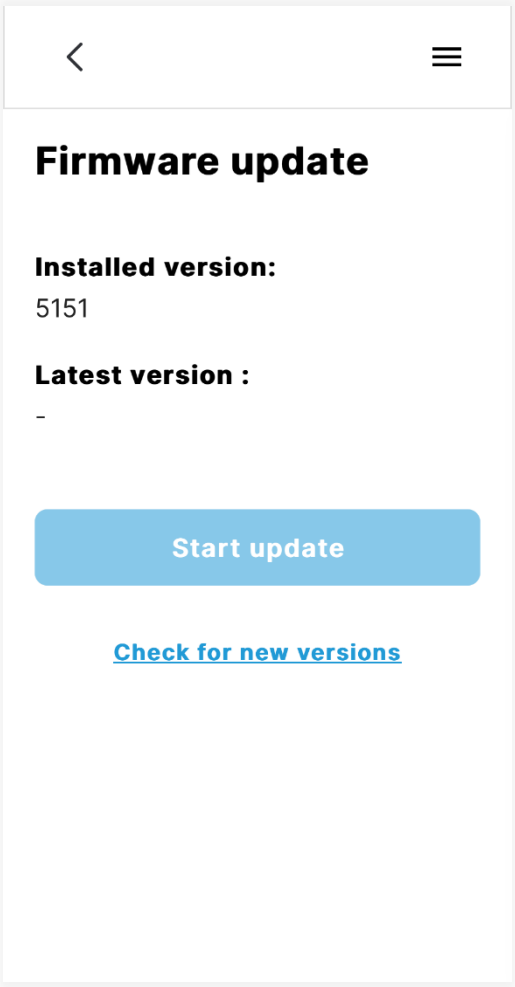

In the current settings, you have the option **to modify the mode** in which the Vibby Oak S will restart.

When switching to active mode, nothing will appear on the Vibby Oak S. To confirm that the switch has been validated on the Vibby Oak S, **perform a double press of the button. If no LED appears, you are in active mode.**

#### 4.4.2.2 Firmware Update

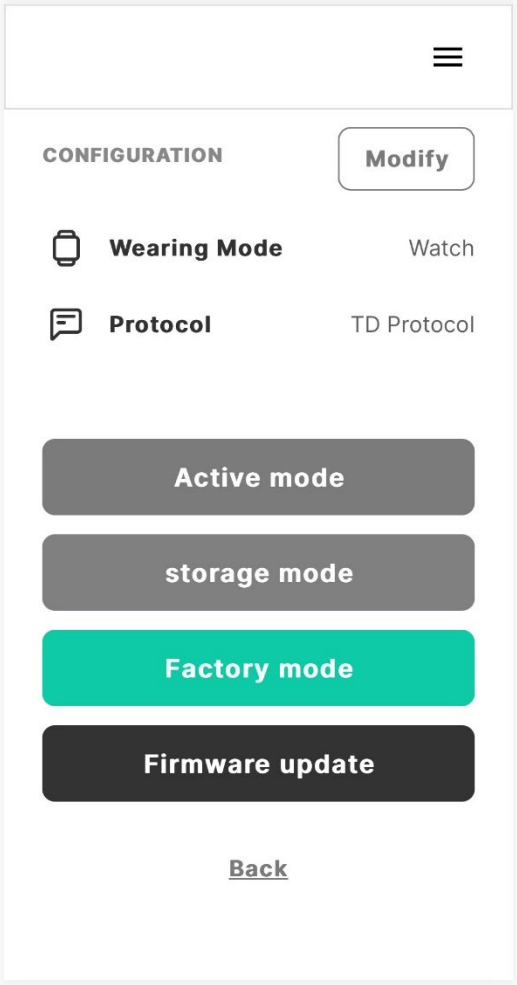



The update can be performed in the app by clicking on “**Firmware Update**”.

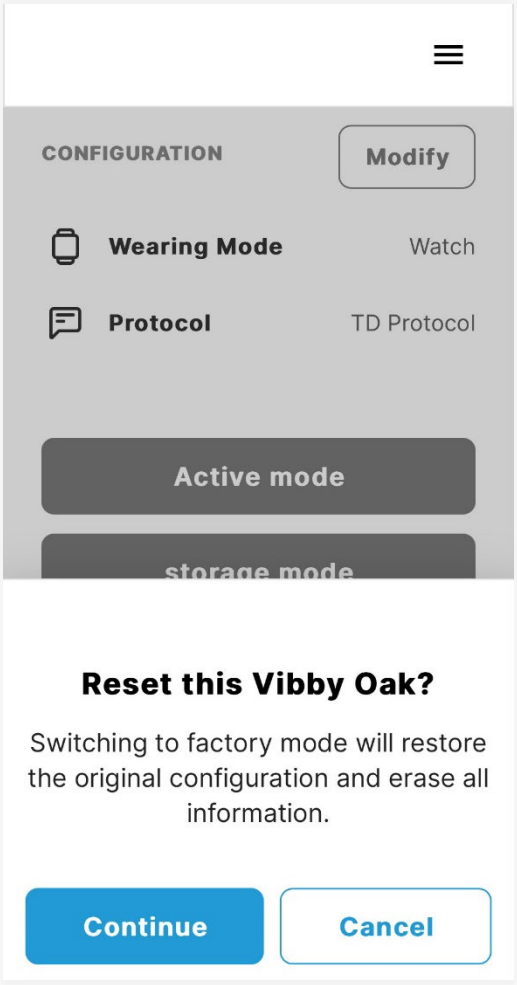



You can **view the current version installed on the Vibby Oak S** and the last update available.

#### 4.4.2.3 Factory mode



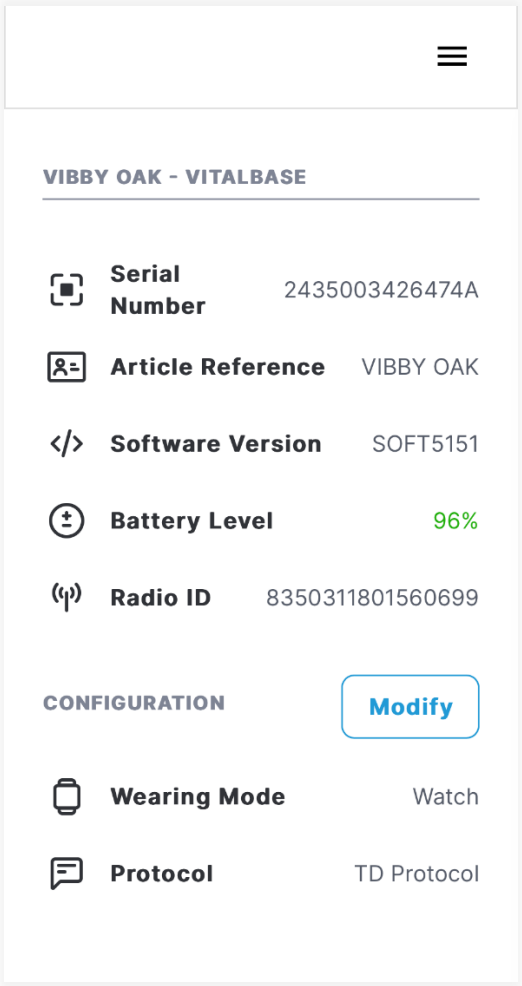

Click on « **Factory settings** » to reset the Vibby Oak S to factory mode.



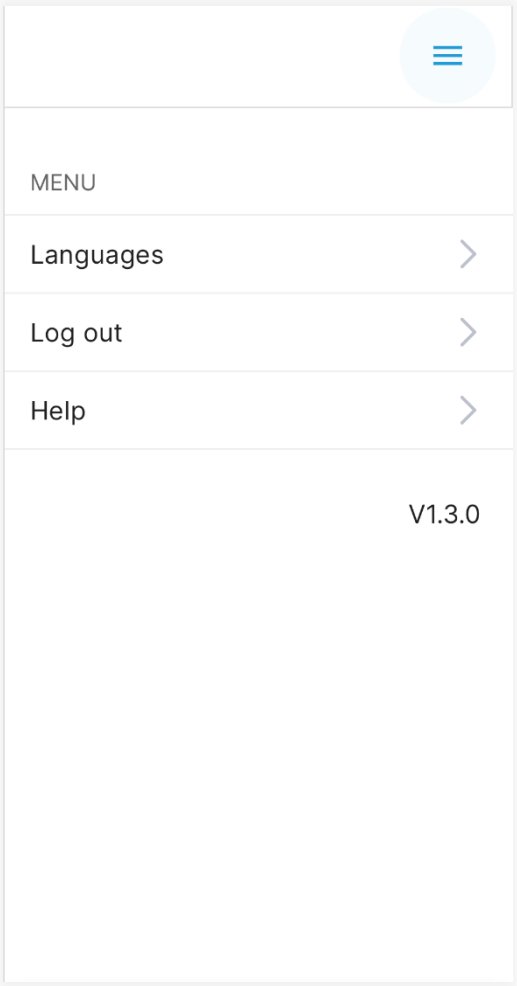

An **alert message will appear** asking whether you wish to proceed with the factory reset operation.

## 4.5 Access to the menu

### *4.5.1 Main menu*

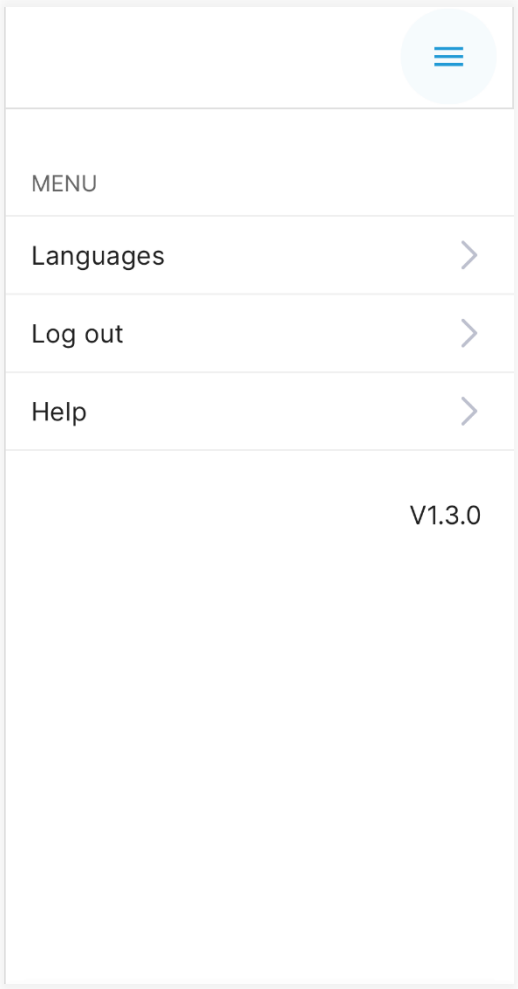


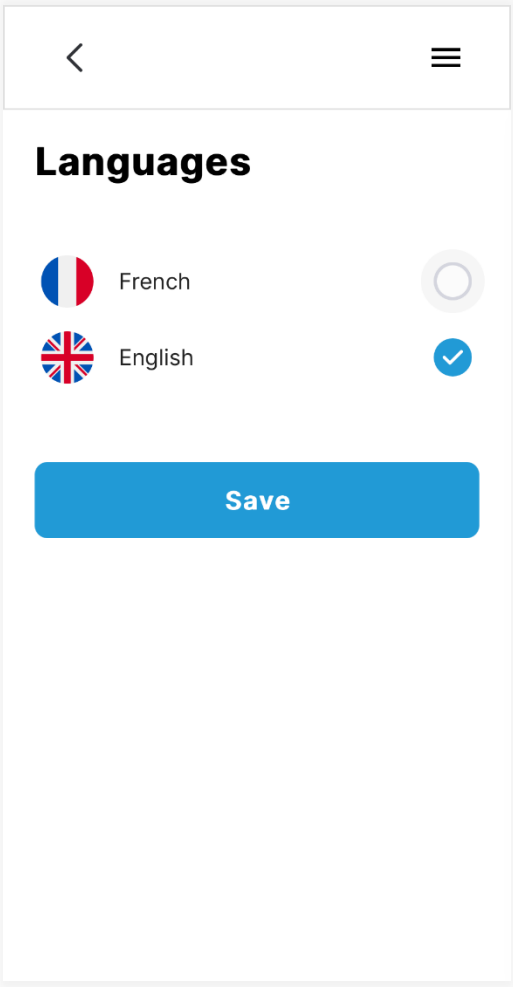

Click on **the icon at the top right** of the screen to access the menu.

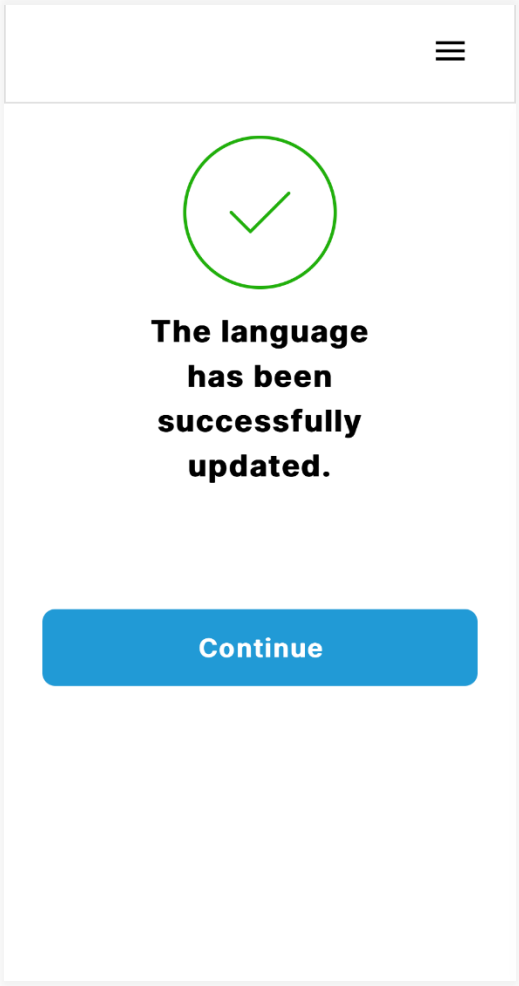



Once in the menu, **you can configure your app (set the desired language) or log out** of the session.

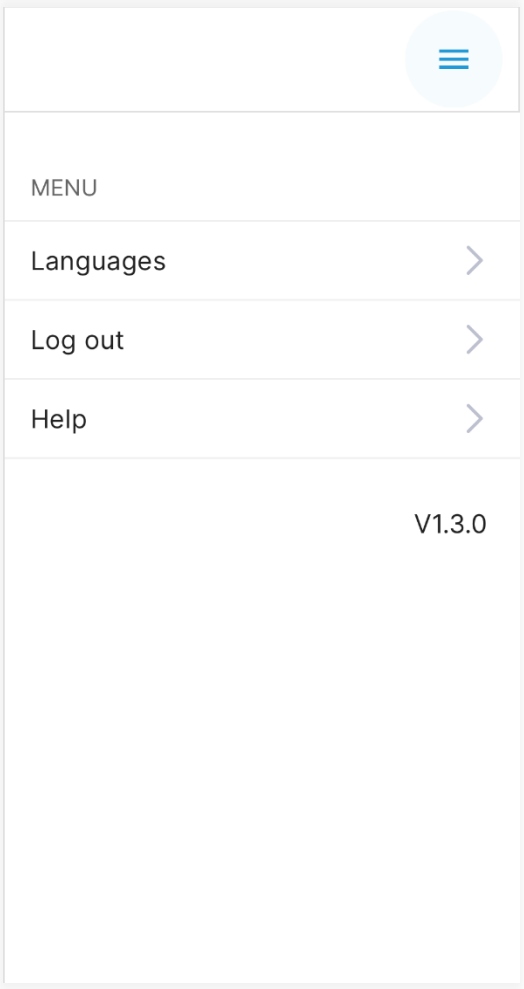
#### 4.5.1.1 Languages



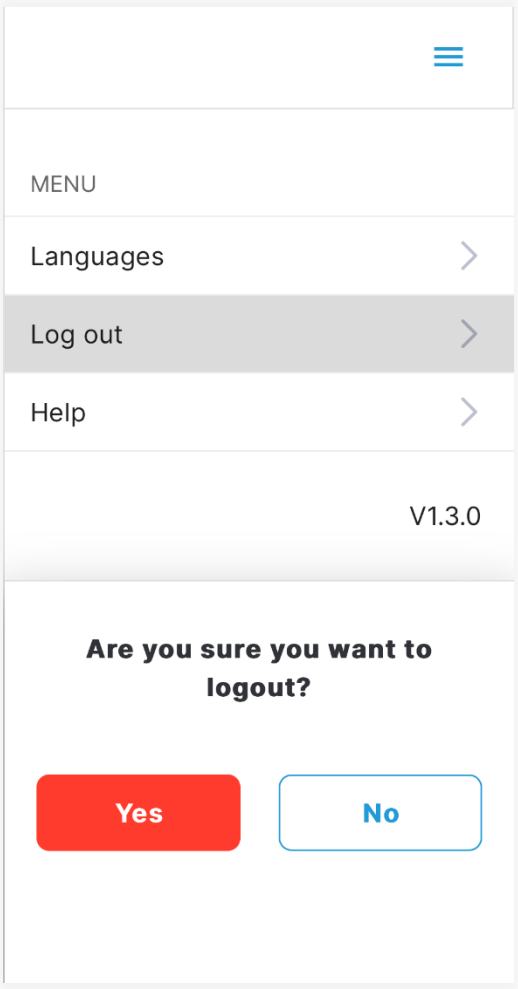




The language has been successfully updated.
Continue

#### 4.5.1.2 Logging out of the mobile app




Select « **Log Out** » to exit your current session. The Vibby Oak S is now disconnected.




A confirmation message will appear, asking you to **confirm the log out or to cancel**.

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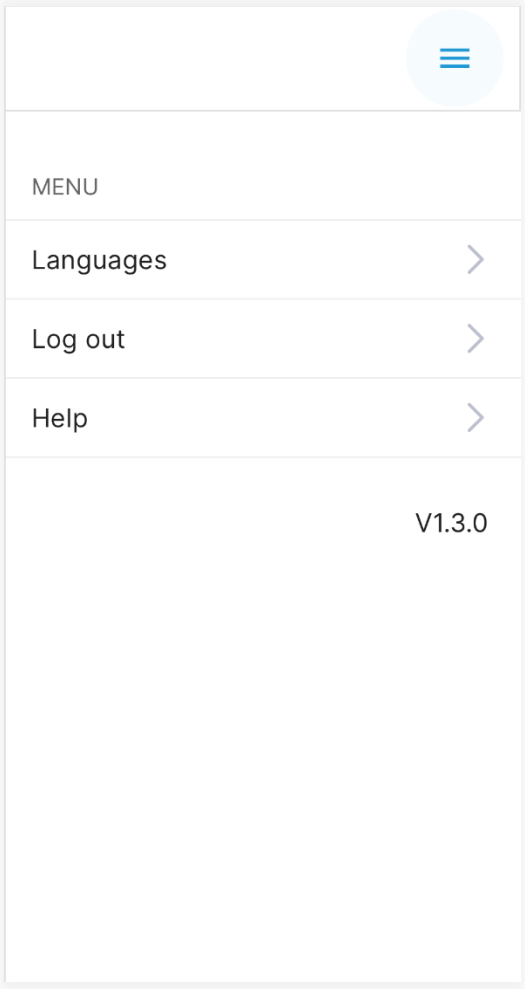
#### 4.5.1.3 Help




Find answers by checking the “**Help**” tab on the following topics:

- Discovering the Vibby Oak S
- Switching the Vibby Oak S to configuration mode
- Switching the Vibby Oak S to storage mode
- Switching the Vibby Oak S to active mode