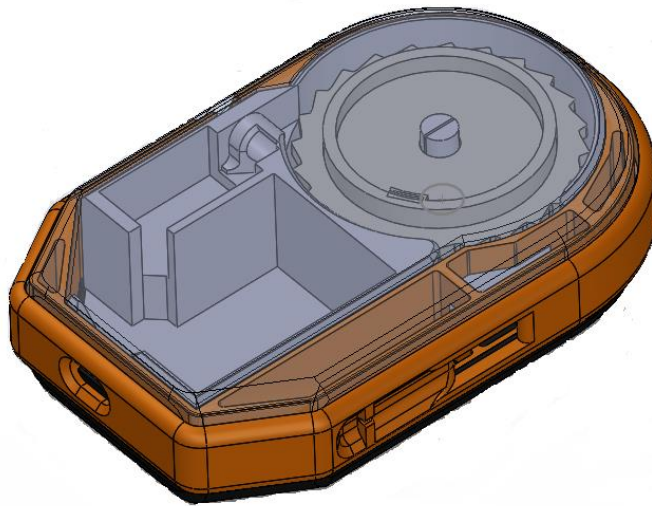


User Manual

SPORTSHIELD

by CORIS INNOVATION



PREFACE 4

Document purpose 4

Conventions Used for this Manual 4

Explanation of Safety Warnings 4

 In Case of Scrapping the SportShield Device: 6

DESCRIPTION OF THE PRODUCT 7

Product Overview 7

Technical Data 7

Device Design 8

Advised Uses 8

SAFETY INSTRUCTIONS 10

Environmental Safety 10

Installation and Connection 11

App Presentation and Installation 11

 Installing the app: 11

Account Set Up 12

Connection with the Device 14

 Receiving a Notification: 17

 Connection Issue: 17

Localization Service 18

 Change the Response Time: 20

 Having Manually a Location Update: 20

Locking/Unlocking the Device 21

 How to Wrap the Cable: 21

 How to Lock/Unlock the Cable: 22

Alarm Usage 23

 Activate Alarm 24

 Manual Interruption 25

 Deactivate the Alarm 25

Activating Sleep Mode 26

Features.....	26
How to Turn On/Off Sleep Mode	26
Maintenance.....	28
How to Charge the Device	28
Details About the Battery	28
Reboot System Connection	29
Repairment.....	30
Using Customer Service in the app	30
Product Insurance.....	31
Spare parts	33
Glossary	34
LINKS AND RESSOURCES	35

PREFACE

Document purpose

This document is intended for the user of the SPORTSHIELD anti-theft device and its related application. Any individual can use this product, although he must take responsibility for understanding the manual and proceed to follow the provided instructions.

However, some technical instructions should be executed only by a person who has read and understood the material. He must be aware of all possible dangers he might encounter and how to avoid them.

Conventions Used for this Manual

This section describes the typographic conventions used in this manual. They allow us to improve the user's readability and understanding of the document.







Example of Convention	Explanation
Bold type	Emphasizes heading level; it is used for: <ul style="list-style-type: none">-Main instructions-Important words and sentences-Titles and subtitles
<i>Italic type</i>	Accentuates words or phrases with special meaning.

Explanation of Safety Warnings

YOUR SAFETY AND THAT OF OTHERS ARE IMPORTANT

This manual provides important safety warnings to be read and observed anytime.

The following safety warnings give specific details about the potential warnings present in the instructions: they show how to avoid them and reduce the risk of injury, damage and electric shock resulting from a wrongful understanding and/or use of this manual.

Symbol	Name	Description
	CAUTION	The first level of danger alerts users of potential risks to themselves and others.
	WARNING	The second level of danger alerts users of a hazardous situation which, if not avoided, could cause serious injuries.
	DANGER	The third level of danger alerts users of a hazardous situation which, if not avoided, will cause serious injuries.
	DATA SAFETY	Shows a danger that puts a risk to the user's data privacy.
	NOT RECOMMENDED	Shows advice encouraging the user to not reproduce.
	NOTE	Adds useful information for the user.

Please, take the time to read the following instructions:

- Do not repair or replace any part of the device. All maintenance services must be carried out by a qualified technician from CORIS INNOVATION.
- The device must be disconnected from any power supply before carrying out any installation work.
- The cable should be deprived of any node.
- This device must be stowed out of the reach of children aged under 5 years old.
- The manufacturer rejects all responsibilities for any damage caused by improper use or wrong settings, which could result in any injury, discomfort or death to the user.
- Appropriate maintenance and cleaning of the product ensure its good working order. Regularly clean all stubborn surface dirt to avoid grease buildup.
- Do not provide any power supply to the device if it's already completely charged.
- Do not put the device on an equipment piece that you're actively using.
- CORIS INNOVATION isn't responsible if you damage the device by attempting to temper/repair it while opening the device's compartment.

In Case of Scrapping the SportShield Device:

For further information on the treatment, recovery and recycling of the device, contact your local competent authority, the product technical service or the store where you bought the device.

KEEP THIS PAGE FOR FUTURE CONSULTATION

DESCRIPTION OF THE PRODUCT

Intended Use

SPORTSHIELD is a product that is intended to be used as a device to provide any sports equipment with an anti-theft system. Indeed, it must **trigger an alarm** in case of a stealing attempt and warn the user by **sending a notification through an app**.

This tool is used for personal use and shouldn't be used in **any explosive environment**.

Furthermore, the product may only be used according to the instructions provided by the manual. Any other kind of use opposed to the one described by the manual will be seen as unintended. Also, modifications for technological purposes are unadvised.

Product Overview



The anti-theft tool possesses several useful features:

- **The security cable**, which can be released manually and wrapped around the protected equipment piece. The user can then lock and unlock it.
- **The alarm system**, which detects any person's touch besides the user when the anti-theft system is activated. Indeed, it produces 3 light sounds when a light shock is detected, and 5 long high sounds when a harder shock is detected.
- **Sleep mode**, to reduce the battery and consumption of the device.
- **The GPRS system**, sends messages to the user when a strong shock is detected, the GPS location and the battery level.

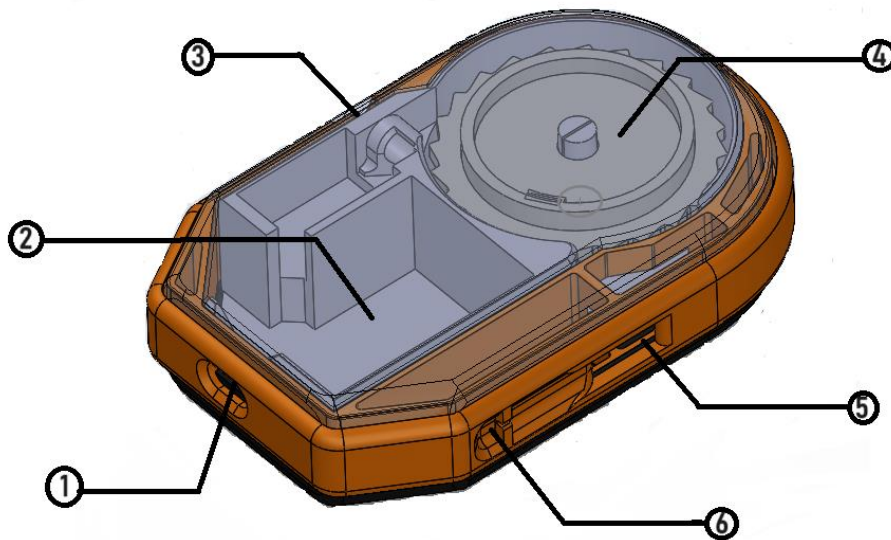
Technical Data

Here are the main technical specifications of the product:

Degree of protection	Waterproof, cold-resistant and robust against break-in attempts.
Battery used	LiPo Battery 3.7V
Battery sleep mode	5 minutes after deactivation
Consumption	4.1Wh
Tension	3.7V

Device Design

Here's a schema showing the device and the list of pieces that it contains:



1. Charging port
2. Bluetooth reader
3. Cable lock
4. Cable storage
5. Cable exit
6. Cable holder

Advised Uses

SPORTSHIELD is an anti-theft that could be used to protect several sports equipment, but also other kinds of diverse equipment.

It could include:

- **A bike:** anti-theft devices are common for securing that vehicle. For that, you need to attach the cable around one of its wheels and a fixed point.
- **A pair of skis:** attach the cable around the two skis when they are locked to each other.

These are the most common use cases that our company could imagine for the use of this product.



CAUTION: In case you want to try securing another kind of equipment, please be careful not to damage it with the device. Don't hesitate to contact our Customer Service for further advice.



SAFETY INSTRUCTIONS



General safety instructions

1. Do not operate **near chemical and inflammable products and materials**.
2. Even though this device is waterproof, **don't use this product underwater**.
3. Avoid exposing the device to extreme temperatures, direct sunlight, or moisture to ensure the proper longevity and usability of the product. The temperature range must be from **-20°C to 50°C**.
4. Only use the SPORTSHIELD device for the intended purpose as described in the manual.
5. Ensure the device's cable is properly attached to the target object to prevent any accidental detachment or loss.
6. In case of abnormal behavior or malfunction, immediately discontinue using it and contact Customer Service for help.
7. Try to store the device in a cool and dry place, away from dust and safe from any physical damage to maintain its effectiveness.
8. Read and understand carefully this user manual to ensure safe operation.



Environmental Safety

1. Never throw any used components recklessly in any trash. Instead, get informed about their waste type and their potential impact on the environment.
2. Dispose of the anti-theft device and its components responsibly when they reach the end of their useful life.
3. When batteries reach their end of life, dispose of them following the local regulations and guidelines of battery recycling to minimize environmental impact.
4. Reduce the use of disposable packaging materials when storing or transporting the device to minimize waste generation.
5. Encourage users to power off the device when it's not actively used to economize battery and reduce carbon footprint.

Installation and Connection



WARNING!

- Inspect the device to check for any damage before installing or operating the device. If it's damaged, do not use it and contact Customer Service to inquire about its state and/or get it repaired.



- Make sure your smartphone is perfectly working, and that all its Bluetooth features are performant.

App Presentation and Installation




SPORTSHIELD is a mobile application created in 2024 by CORIS INNOVATION.

SPORTSHIELD's main function is to activate/deactivate the anti-theft mode of the SPORTSHIELD device. Indeed, it lets us unlock it thanks to Bluetooth connectivity and monitor its localization on a map.

Installing the app:



NOTE: Any installation of an application performed would be preferred when the charging cable is connected to the hosting cellphone and branched to a power outlet.

1. Depending on your cellphone's brand, open "**Play Store**"  on your **Android**.
2. Search for the app "SPORTSHIELD" in the search bar.
3. Click on **Download**.



NOTE: Make sure you have an account created to pursue installation on **Play Store**.

4. Open the application.

If the installation is successful, its logo should be present on the smartphone's desktop screen and ready to be selected.




NOTE: Make sure that you have **the latest version available** of the software.

Account Set Up

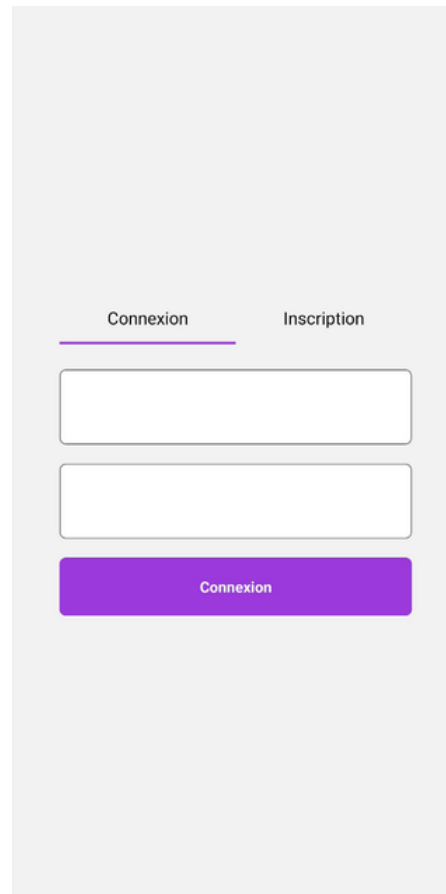
Now that you have opened the app, you need to create an account to use its main features, including the connection with the SPORTSHIELD device.

You are still able to use the app for diverse things, such as changing the settings (luminosity, etc...) or reading the conditions of use for the app.

Anyway, here are the instructions to set up the SPORTSHIELD account:

1. Click on  at the bottom of the screen.

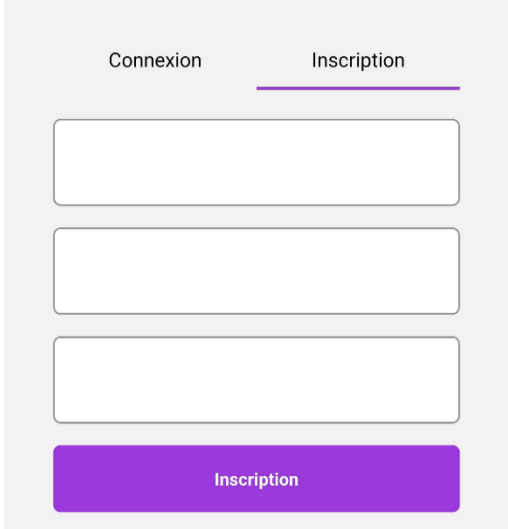
The screen will display this form to propose you either to log in or to subscribe:



If you haven't created an account yet, select **"Subscription"**.

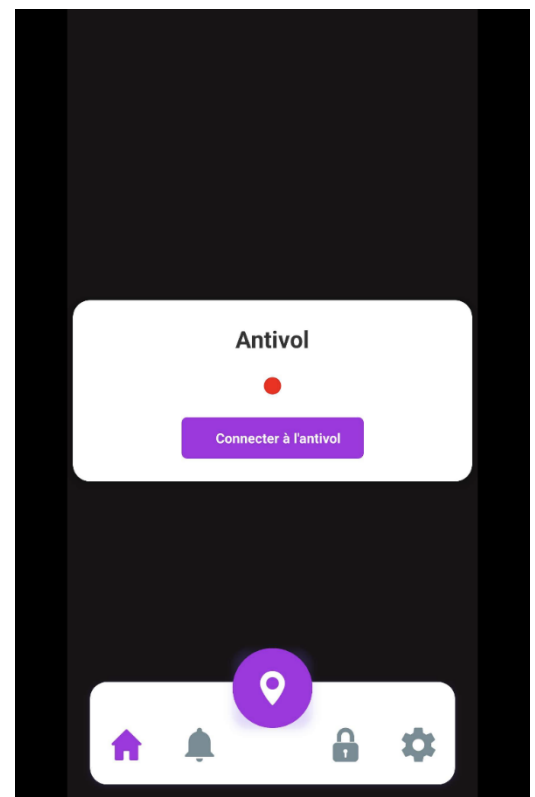
A small window will appear with several fields to form, such as the login, the password, your mail or your cellphone number.

2. Fill out the form and click on **"Subscribe"**.
3. Make sure to read the privacy policy and the terms of use of the app before **ticking "I agree with the terms of use"** and click **"OK"**.



The screenshot shows a registration form with two tabs at the top: 'Connexion' and 'Inscription'. The 'Inscription' tab is selected and underlined. Below the tabs are three empty text input fields for registration details. At the bottom of the form is a purple button labeled 'Inscription'.

Now, you will possess a SPORTSHIELD account allowing you to connect your smartphone with any related device.





NOTE: Your mail and cellphone number could be used to contact Customer Service in case of a problem. You can still be able to change them in the app settings.



CAUTION: Use strong and unique passwords for your account. Avoid using a guessable password, and use at least an uppercase letter, a number and a symbol to validate it.




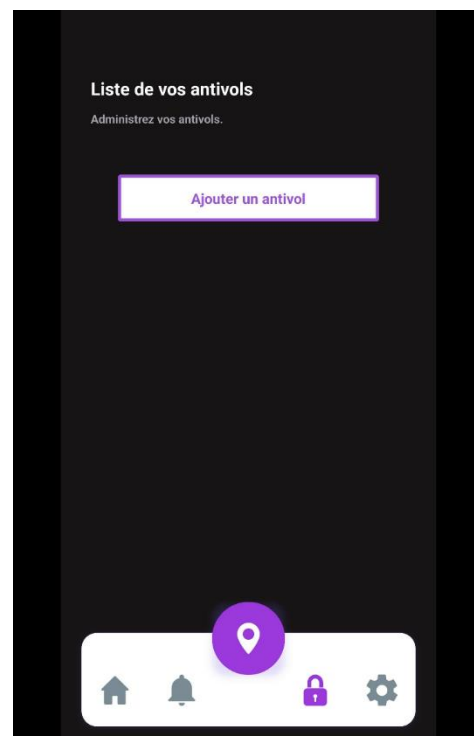
WARNING: Never communicate your private data, such as your login number or your password, to anyone. Your data could be used to unwillingly use your account.

Connection with the Device

This part will explain to you how to connect your SPORTSHIELD App with the device.

You need to set up a connection with the module to receive its information, identify the detected product's ID, and send it instructions.

1. **Turn on** your targeted SPORTSHIELD device, making sure it's ready to receive any signal.
2. Activate your app while logging in to your account, go to the  screen, and select "**Add a device**".





NOTE: Make sure no one else is also using the app and trying to connect with your device.



NOTE: You need to be present **within a 10-meter radius** compared to the product. After that, the software will start sending a signal to attempt to connect to the device.

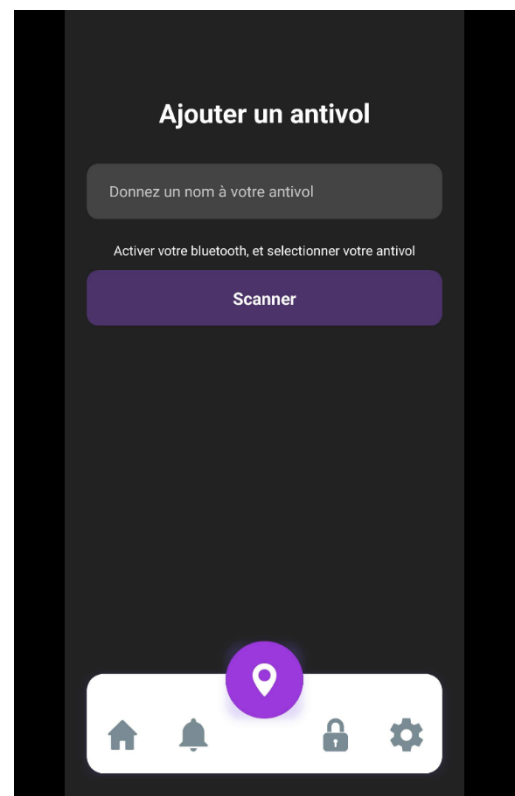


NOTE: If after a certain while the app displays the message “**No device has been found**”, that means that there was a connection issue. To solve the problem, check “**Connection issue**” below the instructions.

3. Once the device is detected, your app will display the ID of your device. **Select it** to confirm.

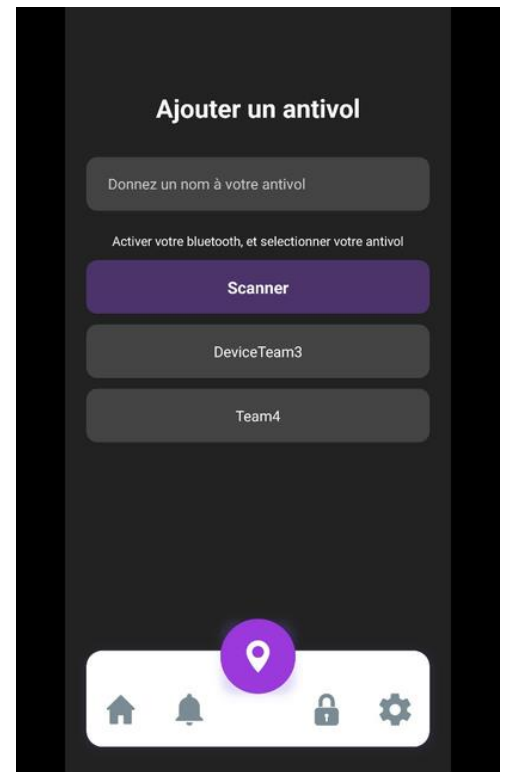
A message will be sent back to the product to confirm the user request.

Then, the app should display a form about the initiating of a new device in your account database.



4. Type a personal name for your new device before clicking “**Scan**”.

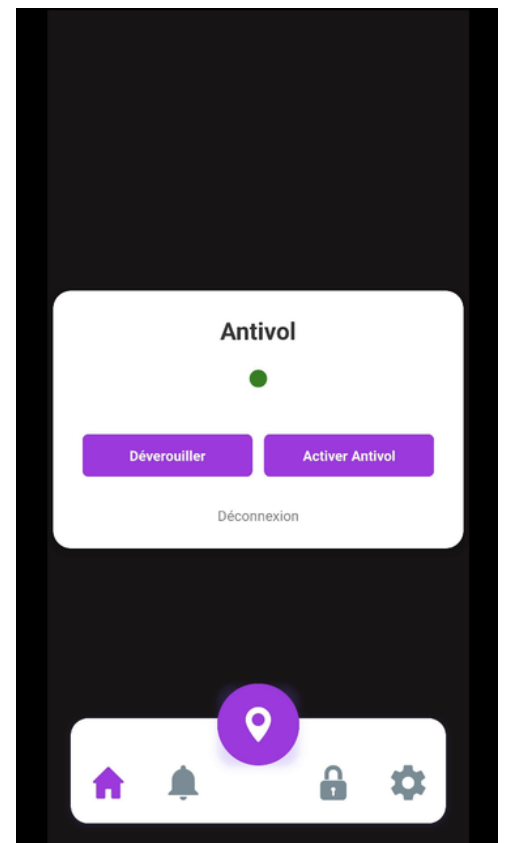
Here, you just created a database for a new device with your app. Besides, all the devices you connect to will be indicated on this screen, but you can only activate one at once.



You can also disconnect your device by clicking “**Log off**”.



NOTE: If you have already connected a device to your app, the device name will be automatically present on the home screen. Then, you just need to select it to authorize the connection.




Receiving a Notification:

When the connection will be set up with your device, your app will receive a notification that will display the following content:

- The device's name
- The device's remaining battery
- Its localization (if activated)

By default, the app will send you the same message every hour, but it's possible to change the time in the settings:

1. Select .
2. Select your target device, and make sure it's powered on and connected.
3. Select "**Change the response time**".
4. Choose the response time.
5. Click on "**Confirm**".

A signal will be sent to modify the delay between each notification.

Connection Issue:

If your app displays the "**No device has been found**" message, there are several reasons that could cause the issue:

- The app doesn't detect the device at all. Check if the device is turned on or if you are located at the required distance compared to it.
- The device is probably used by someone else. Either choose another SPORTSHIELD device or make sure the other user disconnects himself from the actual one.
- The device is influenced by other nearby signals that are compromising the GPRS communication. Either deactivate the suspecting devices responsibly or find another place safe from any underwhelming signal before attempting the connection again.




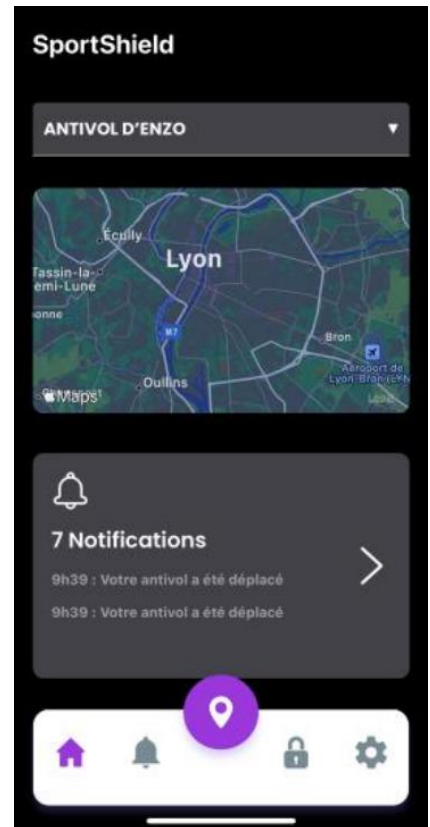
-There could be also the possibility that you encountered an anomaly with the GPRS communication and that the settings of the GSM module are wrong. However, this issue is too complex to be solved alone. Please, contact Customer Service to solve this issue.

Localization Service

Being able to localize his device is fundamental to alert to any potential theft and inform the user about the product's coordinates.


To set up the localization service:

1. **Turn on the anti-theft mode** of your device by selecting “activate anti-theft mode”.
2. Make sure you have a decent internet connection (4G, 5G) to be able to use the map localization.
3. In the app menu, select  at the bottom.
4. If you have already set up your device previously, the app should normally display a window showing the name of your device, proposing you use it.
5. Select “**Yes**” to confirm.




NOTE: Don't forget to allow your app to use the localization feature of your smartphone.

A signal will be sent to the device, requesting it to collect the required data for geolocation. If it successfully receives it, it will send back a signal to confirm, and the app will show the map on screen.

Once you have access to your map, you can view the actual location of your device with the  . Furthermore, it also displays the exact time when this location has been detected.




NOTE: The time required to send a signal and receive it might vary depending on your internet connection and the distance between your app and the device.

Plus, you can also view the previous location where it has been detected before. By just **clicking** , you have access to the history of SPORTSHIELD's location.

Also, the default waiting time before each localization data is received is **5 minutes**, but you can also change that value.

Change the Response Time:

1. Click .
2. Select **“Change the response time”**.
3. Choose the response time.
4. Click on **“Confirm”**.

After that, a signal will be sent to modify the device settings, which will then send us back a message to confirm the change's success.

Having Manually a Location Update:



NOTE: This feature is available only **30 seconds after the last update**.

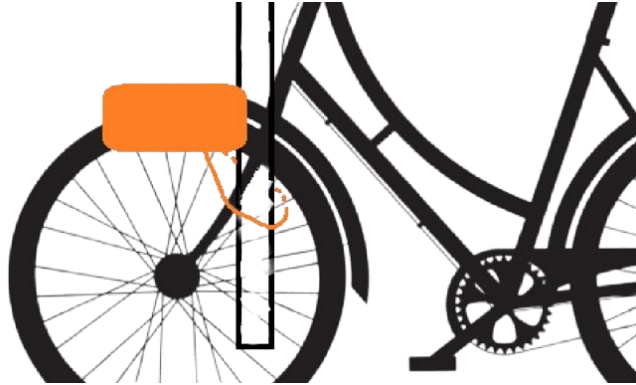
1. Click .
2. Select **“Get a location update”**.

The signal would take a few seconds to reach the device and to get an update.

Locking/Unlocking the Device

The SPORTSHIELD device is provided with a multi-layered cable that will guarantee the security of our equipment.

The cable must be wrapped around a part of a sports kit (for example: a bicycle) and attached to a fixed point (for example: a pole).



How to Wrap the Cable:

1. Place the sports kit you want to protect near a fixed point.



NOTE: Make sure the support won't threaten the quality of the equipment and that the latter won't drop.

2. **Turn on** your SPORTSHIELD device.
3. **Pull carefully the cable** with your fingers from the cable exit until it reaches the wanted length.



WARNING: Be careful, if you suddenly stop pulling the cable and release it, the device will quickly pull it back and may hurt people around. Don't hesitate to use the cable holder.

4. **Wrap the cable** around a part of the sports equipment and the fixed point.
5. Once you have made the node, slowly insert the cable extremity **inside the cable lock** until it is well wrapped around the object and the fixed point.



CAUTION: Make sure that your node won't damage your sports equipment.

WARNING: Do not try to insert your finger into the cable hole. You could end up jamming it and suffering severe pain.



NOT RECOMMENDED: Don't wrap the cable entirely around the sports kit and the fixed point. Not only would it be much less secure, but this could damage your equipment.

How to Lock/Unlock the Cable:

Instead of using a regular key to lock and/or unlock the device's cable, we count on the Bluetooth technology included in your SPORTSHIELD App.

Indeed, if your app is activated, you can use the Bluetooth feature to lock the cable around the device. In that state, the cable will be securely wrapped around the equipment and can't be extended in that state.

Please, follow the instructions:

1. Open your app.
2. Go to the home page.
3. Select "**Lock**" to confirm.

If you are patient enough, the Bluetooth locker will be activated and a screen saying "**Scan your phone to your device**" will appear.

4. **Take your smartphone and scan the device to the screen.** The scan must be **5 cm (about 2 in) away** to succeed.

In case of success, a small beep will be played by the alarm, and your sports kit will be secured.



NOTE: Activating the anti-theft mode will make the device's battery consume energy. A notification will be sent to warn you if the battery is too low to keep the cable locked.

However, if you experienced an issue and the cable could still extend:

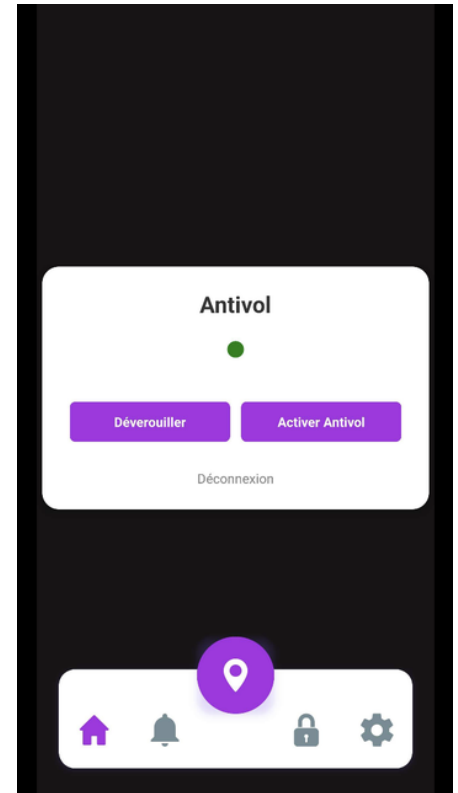
- Please check your **Internet connection**. You might experience an issue sending a signal properly to the product.
- Make sure there is **no obstacle** between your screen and the device.
- Check if the device detected is the right one compared to the Bluetooth scanner.

- There could be a problem related to your electromagnet located inside your device. Please, contact Customer Service for help requests.



To unlock the device, go to the home page and click on “**Unlock**”.

When you scan with your app, the device will be unlocked, and you will be able to extend the cable back until you can remove the extremity.



NOTE: When you are done using the cable, please make sure it is pulled back in the device in its entirety.

CAUTION: Make sure to check the state of your battery when you're using the secure cable. **A critically low battery can prevent the cable from being released** with the electromagnet unable to be powered on for safety measures.

Alarm Usage

An alarm has been implemented as an essential security measure for the SPORTSHIELD

device. Depending on the movement's force detected, the module will emit audible signals to alert the user if he is near the product.

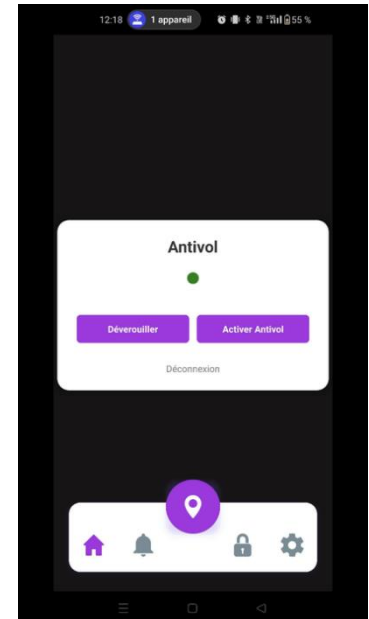
There is the possibility to allow the alarm to automatically send a notification to the user app when the anti-theft mode is activated.

Activate Alarm

1. **Turn on** your device
2. Open your app and log in
3. Go to the Home screen.

This must be your screen if you have activated your device:

5. Click "**Activate anti-theft mode**".




This will not only allow the alarm to be activated, but also send notifications to the user when it's triggered.

Indeed, it's capital that the user must be informed in case of theft or theft attempt.

Even after sending the message, the alarm will keep beeping until the ringing cycle is finished.

However, you can also manually interrupt the alarm with your app before the cycle ends.

Manual Interruption

1. **Turn on** your device.
2. Open your app and log in.
3. Select .
4. Select the “**Alarm settings**”.

You will arrive on a screen proposing diverse app settings, such as the day/night mode, or additional information for help.

5. Tick “**Send auto message when triggered.**”
6. Tick “**Allow manual interruption.**” This action couldn’t be tickled if the previous one wasn’t.

When your alarm rings, a pop-up window will appear on your app, informing you that your product is being stolen and that your alarm started ringing.

Click the button “**STOP THE ALARM**” to send a signal to the alarm, shutting it off.



NOTE: Keep in mind that the delay in shutting down the alarm will depend on the distance between you and your SPORTSHIELD device.



NOTE 2: Be careful when you shut down your alarm too soon. You could reduce the chance of someone else hearing the alarm when nearby and having the time to witness the thief in action.

Deactivate the Alarm

You also have the choice to deactivate the alarm through the app:

1. **Turn on** your device.
2. Open your app and log in.
3. Go to the Home menu.
4. Click “**Activate anti-theft mode**”.

A warning message will be shown on your screen.

5. Select **“OK”** to confirm.

If the device detects any physical contact, the alarm won't activate, but a notification will be sent to you.

Activating Sleep Mode



To save battery, the SPORTSHIELD has been implemented with a sleep mode function. Indeed, due to the device having a limited time of use during a recharge cycle, we had to make sure the product doesn't unnecessarily consume power.

Features

When **the device anti-theft system is deactivated**, and when no movement has been detected **for 5 minutes**, the BLE function to connect with the app is disabled.

However, as soon as any movement is detected by the device, the BLE turns on again.

Furthermore, this mode allows some electronic components to be deactivated when not used. Consequently, the GPRS and GPS functionalities are powered only when any information should be sent to the app.

In fact, this mode is useful when the device's battery is low (30% or less) and optimizes performance for essential tasks like warning the user in case of theft attempt or battery information.





CAUTION: As the service prioritizes more features of the device than others, the sleep mode might end up damaging progressively the battery if overused. So, it's more efficient to use it when necessary.

In fact, when the battery recharges to at least 80%, the sleep mode is automatically deactivated.

You can use the sleep mode as often as you want, but please **turn off your device when you're not using it** instead of keeping the mode on.

How to Turn On/Off Sleep Mode

The only way to deactivate it is through the SPORTSHIELD App.

1. Open your app and log in.
2. Select .
3. If it hasn't been done yet, connect your app with the targeted device.
4. Select  next to the device name.

5. Tick “**Activate sleep mode**”.

A signal will be sent to the device when the setting is changed. Please ensure the device **is turned on and connected to the app** when the signal is sent.

Once the signal has been sent, the app will display a screen to confirm the sleep mode has been activated/deactivated.

Also, the app will automatically send you regular notifications when you're using sleep mode. It will even inform you when it's deactivated if the device is being charged.

Maintenance

Recharging Battery

Do you have any trouble recharging your device's battery? Wondering how long it takes to charge? You're in the right place to allow your anti-theft tool and to put it back on the road.

In fact, the device has a full autonomy of **7 days minimum**.



NOTE: Remember that you cannot use the device when it's being charged.

How to Charge the Device

1. Make sure to **turn off the SPORTSHIELD device** for security measures.
2. Take the charging cable and plug it in this area.

Insert charging area picture.

3. Plug the cable into a power socket providing constant current.

By default, the device considers an activation mode for 6 hours, and will enter in stand-by mode (where it consumes less battery) per day.



DANGER: Check the **power outlet's state**, such as the temperature and the number of cables already plugged in. Using an overcharged source of current could lead to fire damage or explosion.

Details About the Battery

- In theory, the battery cycle should be repeated 300 times.
- When not used for 28 days (about 4 weeks), the battery's device tends to discharge itself until it is cut off at 2.75 V.




NOTE: If you have any doubts about the battery management, feel free to call Customer Service for further details.

Reboot System Connection


In case of troubleshooting with the app connection, or if you just want to delete your old connection with a new one, this part will show you the instructions to perform.

Your new device connection will still have the same ID, but **the old database will be deleted**.

1. Open your app and get logged in. This manipulation **requires you to be logged in** to continue.

2. Select  to access the list of connections.

3. If it hasn't been done yet, **connect your app with the targeted device**.

4. Select  next to the device name.

5. Click on “**Reboot connection**”.

A pop-up window will appear on the screen, asking you if you really want to continue.

6. Select “**Yes**” to accept.

The screen will now display a waiting screen while the app is sending a signal request to the device. Make sure the latter remains turned on during the process.



NOTE: Make sure no one else is attempting to connect with the targeted device with the same application.

After a while, the application will display the message “**The device has been rebooted**”, and a form input will incite you to rename it.



Repairment

Contacting Customer Service

In case of issue regarding any doubt about instruction, a problem encountered or missing parts, you can get in touch with Customer Service.

This service will be generally available 24/7, but you might need to be patient for a while when dialing the number. Also, you can send a mail to the service.

In the first place, to contact the general Customer Service of your country:

- **Phone number:** 04 37 42 14 75
- **Email:** talents@corisinnovation.com

You can also refer to the coordinates of the local service of your region. In any case, we will try to get you in touch as soon as possible.



NOTE: Your app will be automatically connected to the customer service coordinates depending on your region. However, you can change in the app settings which service from any region will be contacted.

There is the possibility to contact the service directly from your app. Indeed, your SPORTSHIELD app contains a service to automatically warn Customer Service.

Using Customer Service in the app

1. Open your app and log in.

2. Go to the  menu.

3. Scroll down to see a button displaying “**Call us**” and click it.

A message will display, which will allow the user to warn Customer Service about the specific issue.

4. Select your **disabled device**.

5. Select either “**Call service**” or “**Send a message**”.

6. Click “**OK**” to confirm.

If you have selected to send a mail, your app will be redirected to your local mail app. In case you prefer to call the service, you will be put on the wait while contacting automatically the phone number.



NOTE: Make sure you have a stable internet connection when using that service.

Please remember the service is made of attentive people motivated to help and require attentiveness and seriousness.

So, avoid any attempt at making a false claim, prank phone calls, or to call the service for rustic motives, such as “They forgot one chicken McNuggets in my Best Of menu”.

In fact, you could end up being blacklisted by the service after several attempts and get pursued in justice for harassment.

Product Insurance

SPORTSHIELD device is included with a **90-days warranty on the day of its purchase**: it guarantees the refund of the said product in case it's revealed to be defective.



The guarantee would be accepted if:

- The product isn't activated when the product gets turned on.
- No connection is possible with the product despite several attempts and with different mobiles.
- The product looks damaged when it's unpacked.
- One of the essential parts (battery, cable, buzzer) is missing.

If you plan to make a complaint about your product's quality, you must go to the shop where you bought the deficient device. Don't forget to bring it with you.



NOTE: To ensure that the SPORTSHIELD device belongs to you, **proof of purchase**, like a receipt, must be brought to validate the warrant.

Although, if the user exceeds the delay before attempting any complaint, **the warranty will become obsolete**.

However, if it's revealed that the user is responsible for any of the product deterioration, whether it's accidental or intentional, CORIS INNOVATION declines any responsibility and could pursue in justice the user for slandering.

Spare parts

The kit is provided with the following extra parts:

- An additional LiPo battery (about 80% recharged).
- An additional alarm buzzer.



CAUTION: Do not try to replace the parts by yourself. In this case, you must contact Customer Service for further details, and send them your product. Then, reparations and pieces replacements will be properly handled by professionals.

For any part or component, in case of end of use, loss or deterioration, please contact the support team mentioned before. You will be able to order any missing pieces from the following spare part list.

Rights to reserve to alter specifications without notice.

Glossary



This glossary will give you a quick definition of a term or an expression.

Term/Expression	Definition
Battery cycle	<i>Number of charge and discharge cycles that can complete a battery before losing performance.</i>
BLE (Bluetooth Low Energy)	<i>Wireless transmission technique created by Nokia in 2010 and based on Bluetooth® technologies, featuring very low energy consumption while being low-cost, robust and secure.</i>
Customer Service	<i>Service of an organization that deals with customers before, during, and after a sale, and the activities involved in dealing with customers like repairment or maintenance.</i>
Electromagnetic Lock	<i>Locking device that consists of an electromagnet and an armature plate. It acts as a magnet when an electrical current is passed through a solenoid (coiled wire wrapped around a metal core).</i>
Environmental safety	<i>Guidance, policies, and practices that are enforced to ensure that the surrounding environment is free from hazards that could cause any accidental environmental damage.</i>
GPRS (General Packet Radio Service)	<i>System that sends and receives signals and other information using cell phones technology.</i>
GPS (Global Positioning System)	<i>System that shows the exact position of a person or an object by using signals from satellites.</i>
LiPo Battery (Lithium Polymer Battery)	<i>A rechargeable battery that uses solid polymer for the electrolyte and lithium for one of the electrodes.</i>
Play Store	<i>Online store handled by Google where you can purchase apps for Android and ChromeOS phones.</i>
Reboot	<i>Action of deleting any database trace of a device connection before creating a new one</i>
Sleep mode	<i>Also called “stand-by mode”, it’s a low power mode on a system, where some components are turned off when not used, to economize battery.</i>
Spare parts	<i>Extra pieces that can be used to replace a deteriorate piece in a device or machine.</i>
Warranty	<i>Written promise from a company to repair, replace a product that develops a fault within a particular period of time, that can be followed by a refund.</i>

LINKS AND RESSOURCES

This document also provide a list of resources that were referred to for its making.

<https://www.corisinnovation.com/>

SPORTSHIELD PROJECT BRIEF PD

LIPO BATTERY PDF

<https://instrktiv.com/en/technical-writing-examples/>

<https://dictionary.cambridge.org/us/dictionary>

<https://www.techtarget.com/whatis/definition>

<https://dragonflyenergy.com/>

<https://stid.com/en/technology/>

<https://www.hvrmagnet.com/blog/what-is-electromagnetic-lock-and-how-it-works/>

<https://www.andersoneng.com/what-is-environmental-safety/>

<https://www.pcmag.com/encyclopedia/term/sleep-mode/>