

SAT|COUNT

SAT|COUNT+



BTWIN

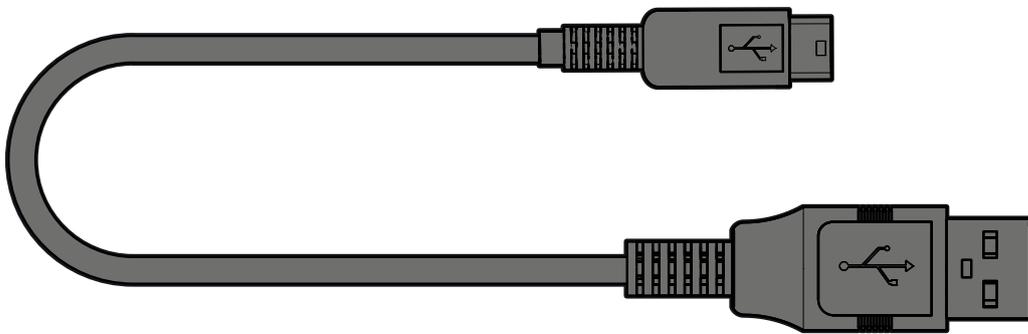
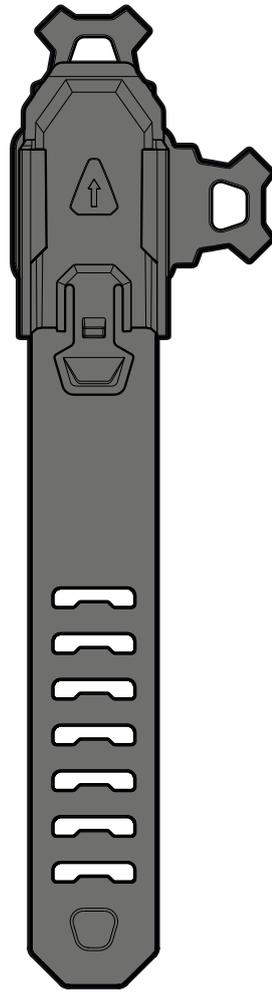


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The GPS SATCOUNT counter is ideal for cyclists concerned with their performance (distance, length of training, altitude, gradients, etc.), and who want a device with GPS navigation technology. The guided routes are programmed via the Internet, or are rides already completed and recorded in the SATCOUNT. All along the route, you can mark important locations (camp sites, monuments, car parks, etc.).

SATCOUNT+ has an ANT+ receiver to connect to a speed and cadence sensor and to a heart rate belt (accessories sold separately).

You can analyse your performance and your rides on a PC or MAC via **MyGéonaute** on the **ON connect** app <http://my.geonaute.com>.

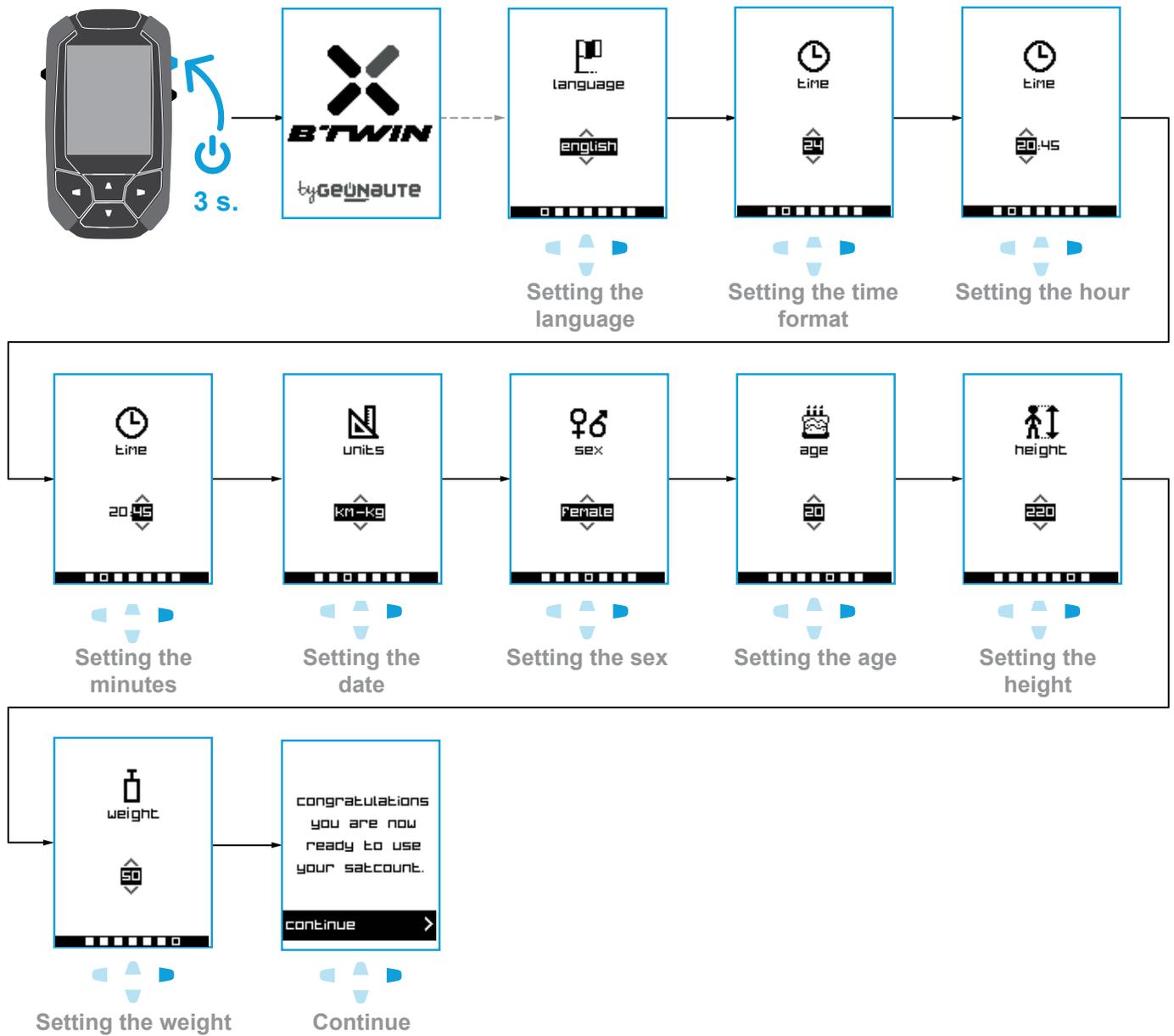


SATCOUNT				SATCOUNT +			

*accessories sold separately

1 SETTINGS

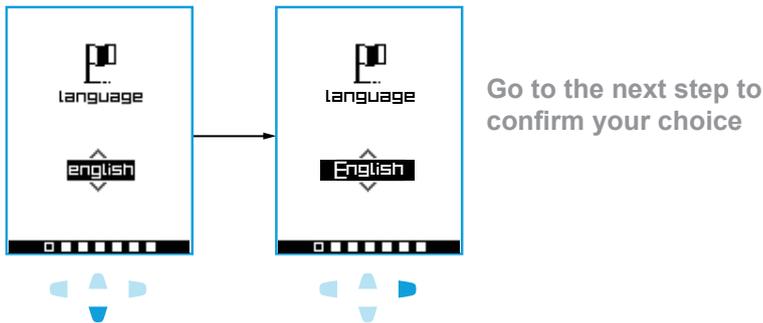
1.1 Setting the device for the first time



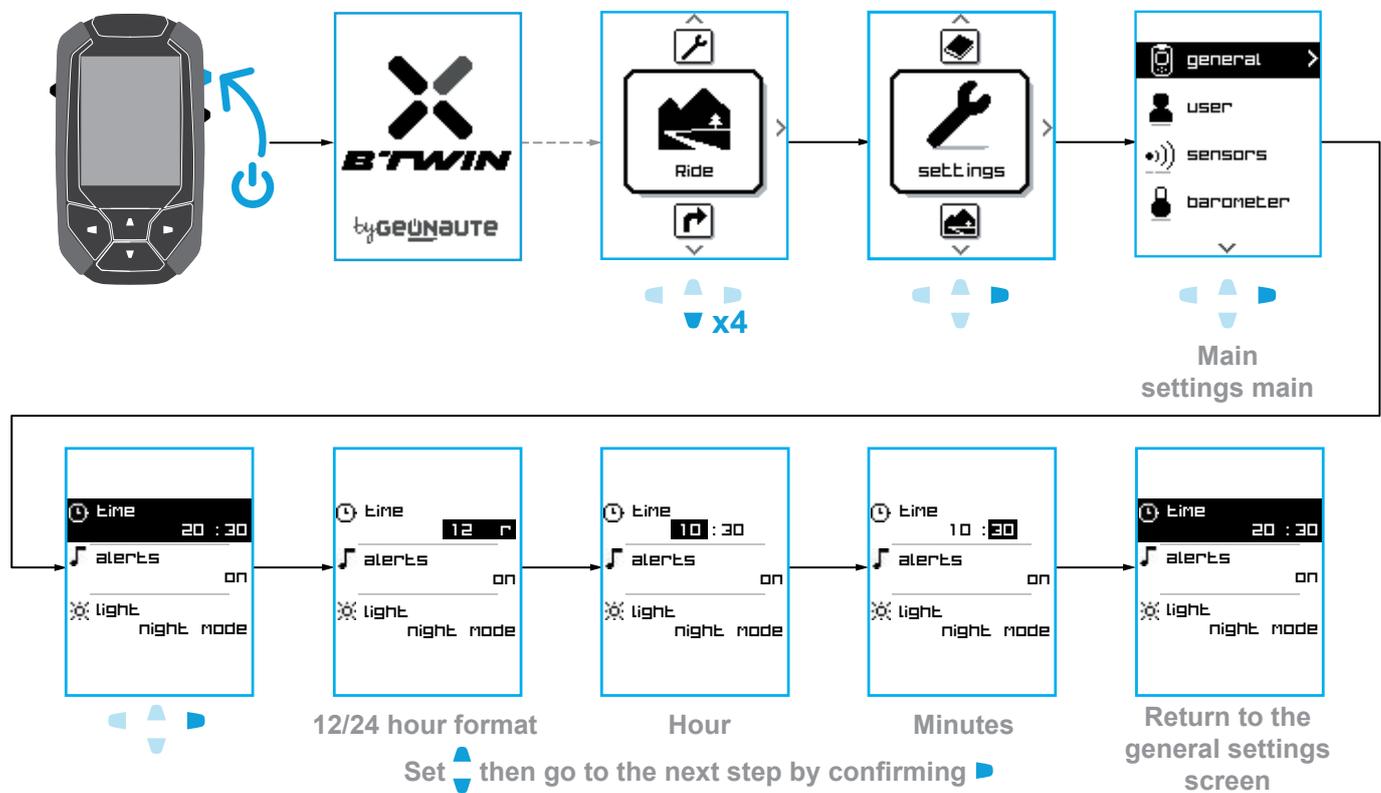
1.2 General settings

Adjustment method for each setting:

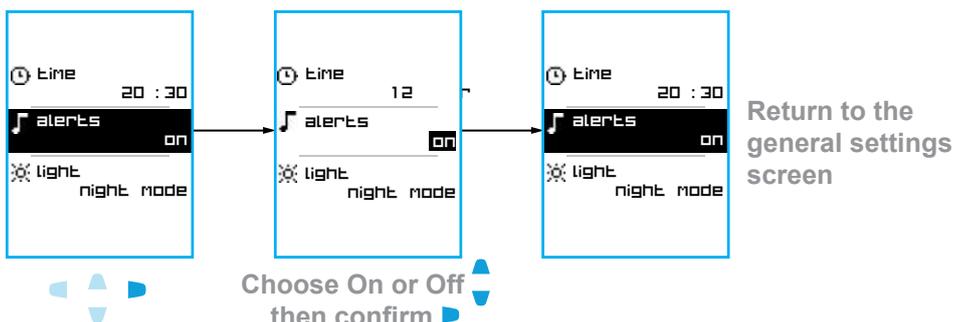
Scroll



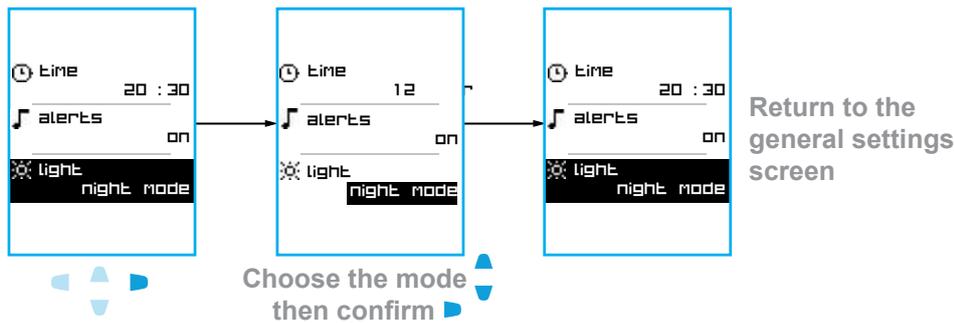
1.2.1 Setting the time



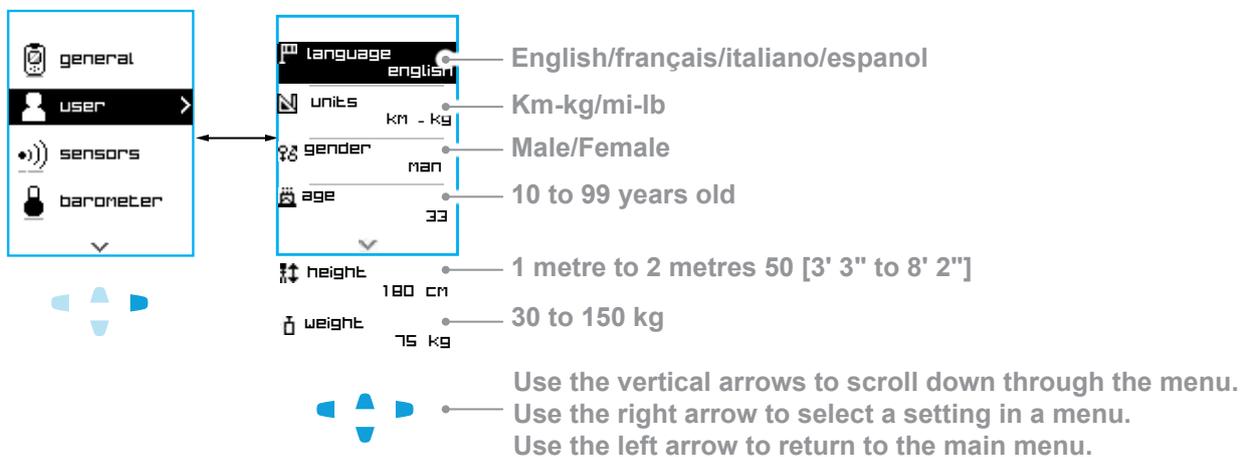
1.2.2 Setting the alerts (ringer when leaving the zones)



1.2.3 Setting the brightness (sequential/permanent)



1.3 User settings



1.4 Activating the sensors

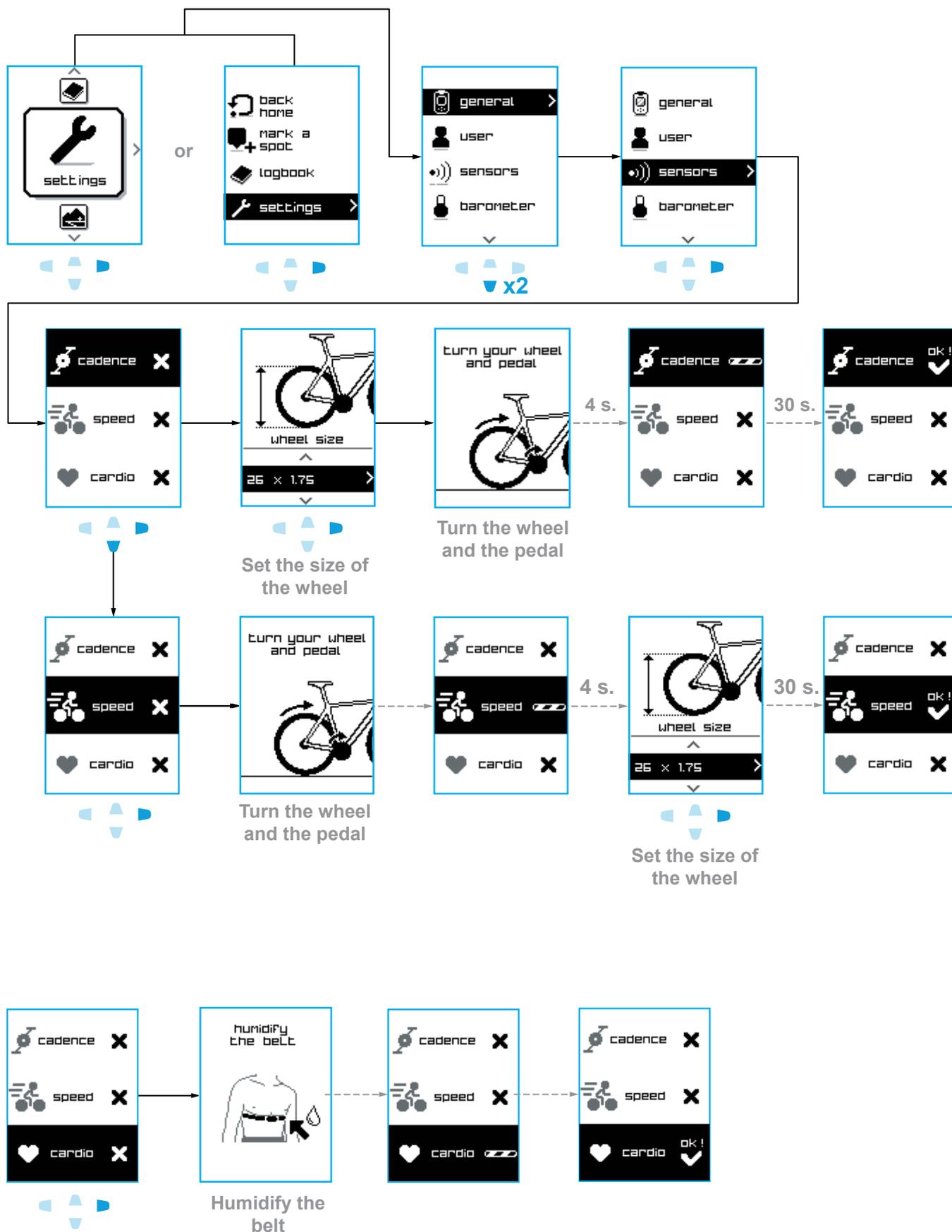
Connecting the sensors to the SATCOUNT+

These accessories can only be used with the SATCOUNT+ model.

To install, see the instructions for each accessory.

Cadence Sensor	With this sensor you can see your pedalling frequency, expressed in revolutions per minute (RPM).
Speed sensor	With this sensor you can see the speed for the entire session, as well as the average and maximum speeds for an indoor session.
Heart Rate Belt	With this belt you can see your heart rate during training.

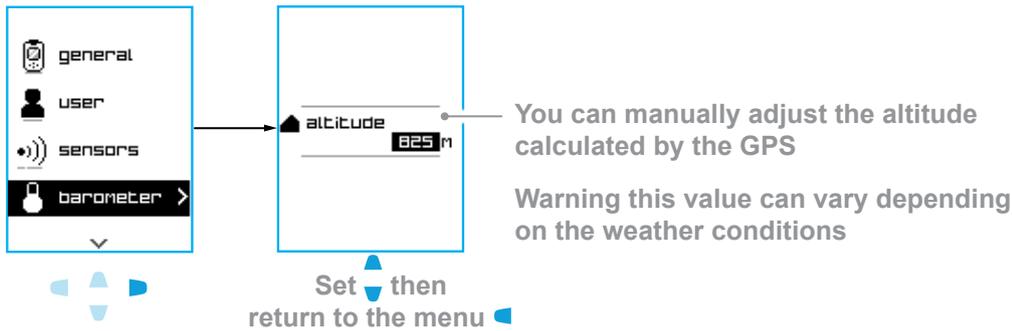
Activate the accessories that you want to use in Mode or in the Settings Menu:



If a **?** appears after searching for the sensors, this means that the connection failed. Check the installation of the sensors and start again.

1.5 Setting the altimeter

This setting is only available on the SATCOUNT+.



1.6 Activating and setting targets

This setting is only available on the SATCOUNT+.

1.6.1 Cardio

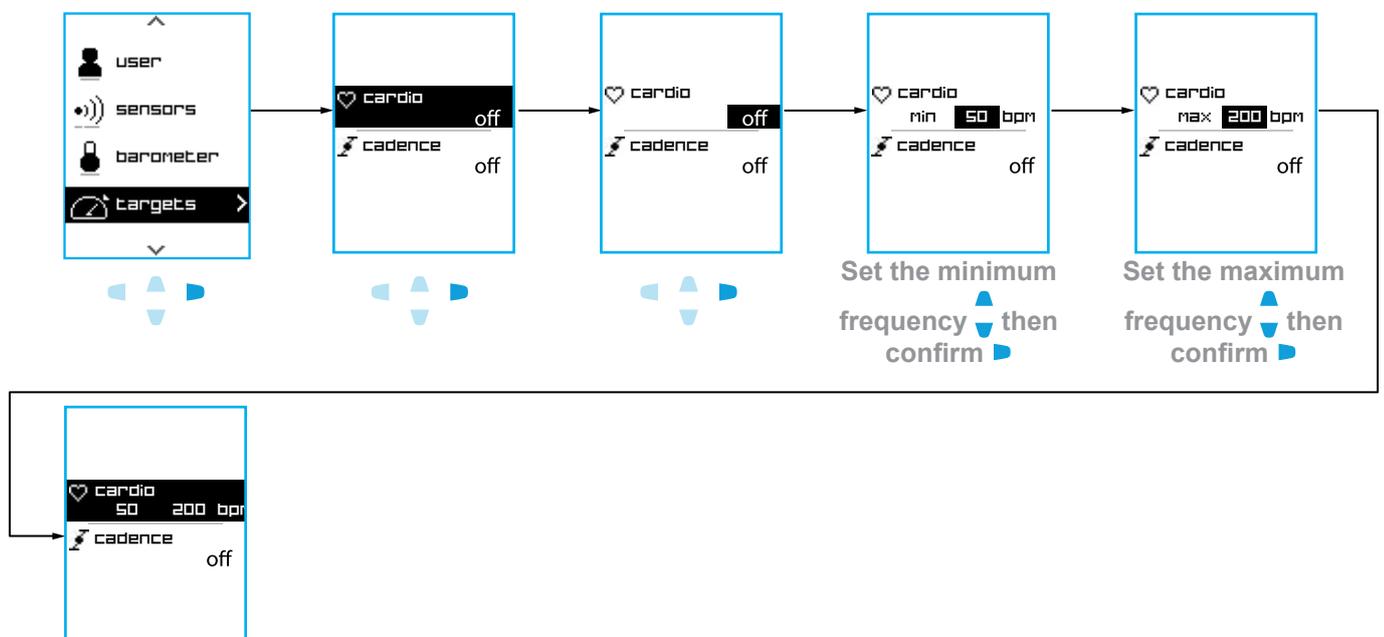


This device is designed for sport and recreational use. It is not a medical monitoring device. The information about this device or in this booklet are indicative only and must only be used for monitoring a pathology after consulting your doctor and obtaining his/her approval. Likewise, if you are in good health, keep in mind that determining the maximum heart rate and personal training zones are key elements in developing an effective and safe training program.

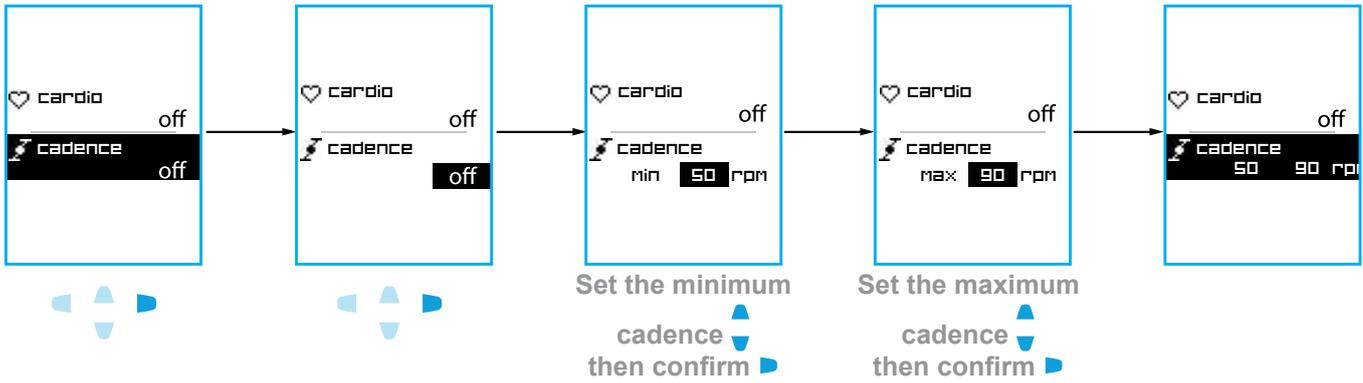
We recommend seeking the advice of your doctor or health care professional to set your maximum heart rate, your upper and lower heart rate limits and the frequency and duration of exercise appropriate for your age, physical condition level and desired results.

Finally, due to possible interference caused by radio transmission, we do not recommend using a heart rate monitor with this type of technology if you have a pace maker. Failure to comply with these precautions can be life threatening.

The only purpose of the values that you set (minimum and maximum) is to trigger a sound/visual alert for the zone set.

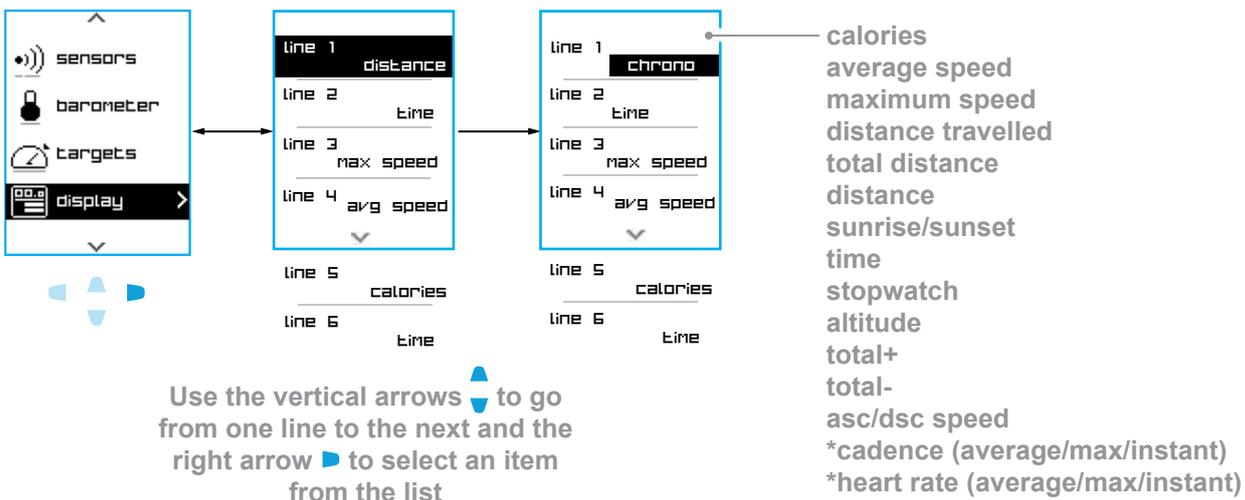


1.6.2 Cadence



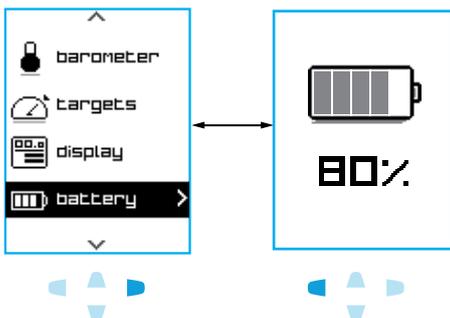
1.7 Customising the display

You can choose different information for the 6 display lines on the SATCOUNT and the SATCOUNT +.

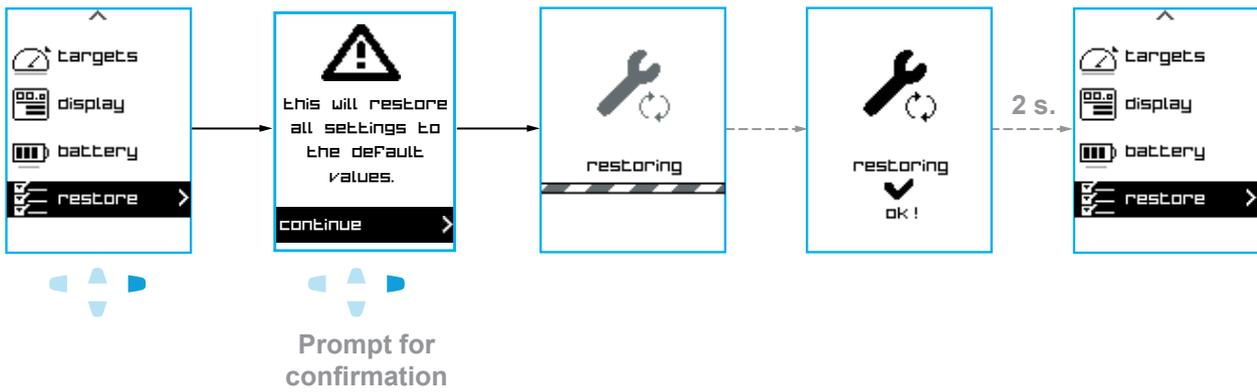


*accessories sold separately

1.8 Battery level display



1.9 Restoring the default settings

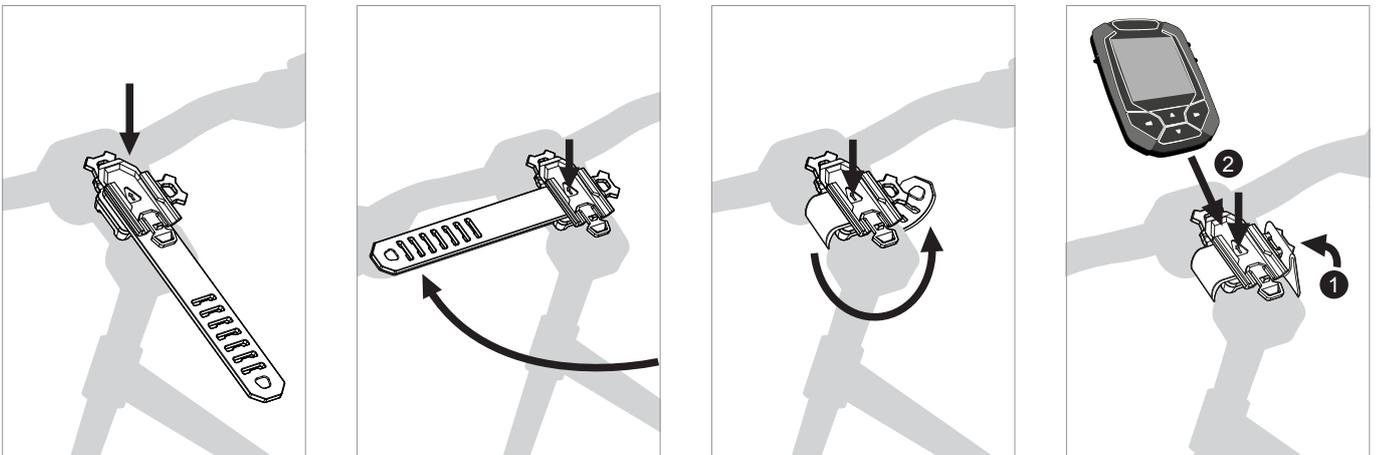


2 USING THE DEVICE

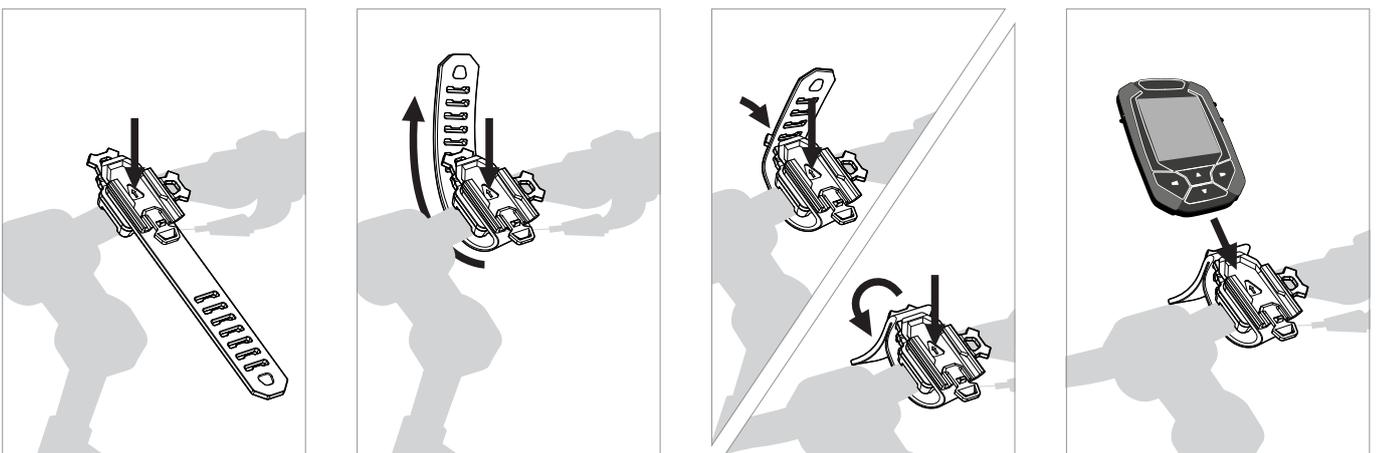
2.1 Getting started

2.1.1 Installing the SATCOUNT on a bike

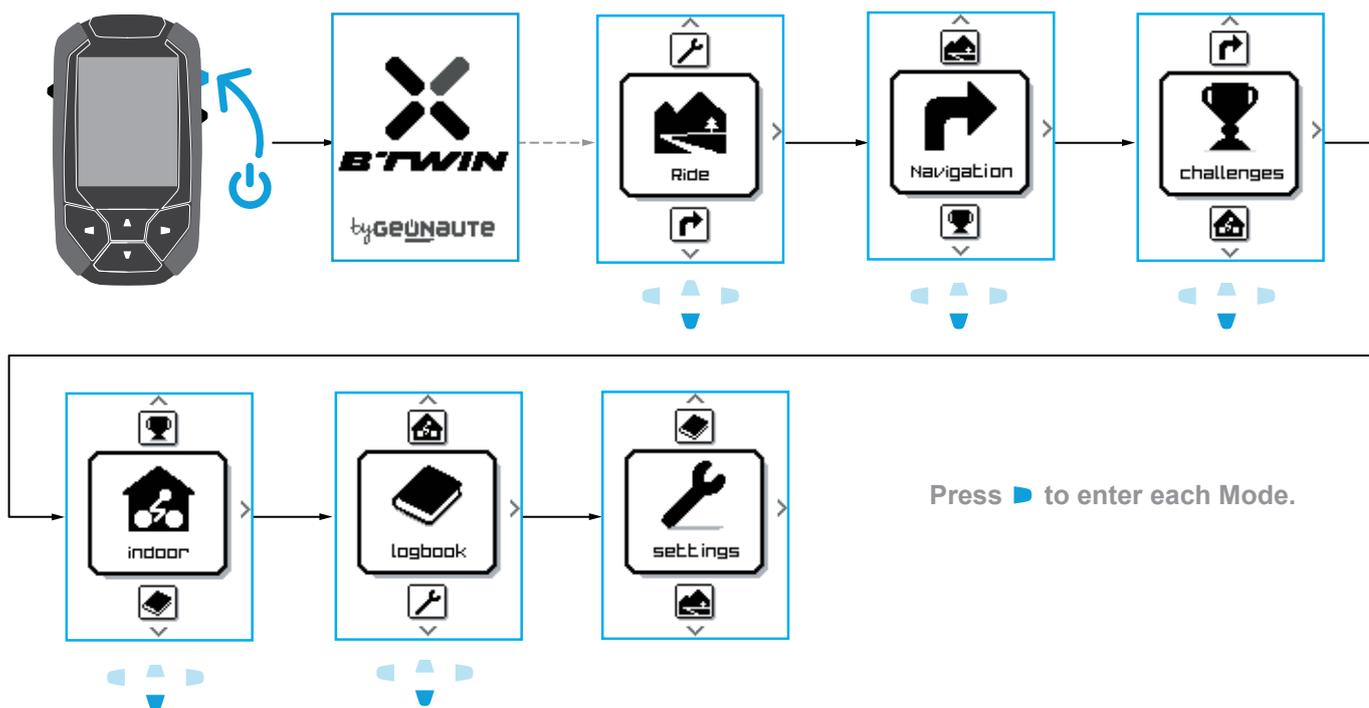
Installation on the stem



Installation on the handlebar



2.1.2 Turning the device on and accessing the modes



The different Modes:

Ride Mode	In Ride Mode, you see the route, the altitude, the curve of the gradients covered, the length of the session, see p. 12.
Navigation Mode	In Navigation Mode, as well as all the features in Ride Mode, the device leads you along a programmed route, see p. 13.
Challenge Mode	In Challenge Mode, as well as all the features in Ride Mode, you can try to beat your records for the various routes, see p. 14.
Indoor Mode <i>SATCOUNT + only</i>	In Indoor Mode, you can measure your performance: distance travelled, speed, length of training. If you have a pedalling cadence sensor and a heart rate belt (accessories sold separately), you can measure your pedalling cadence and your heart rate, see p. 16.
Logbook	Summary of all the sessions, see p. 21.
Settings	Setting your personal parameters, see p. 3.

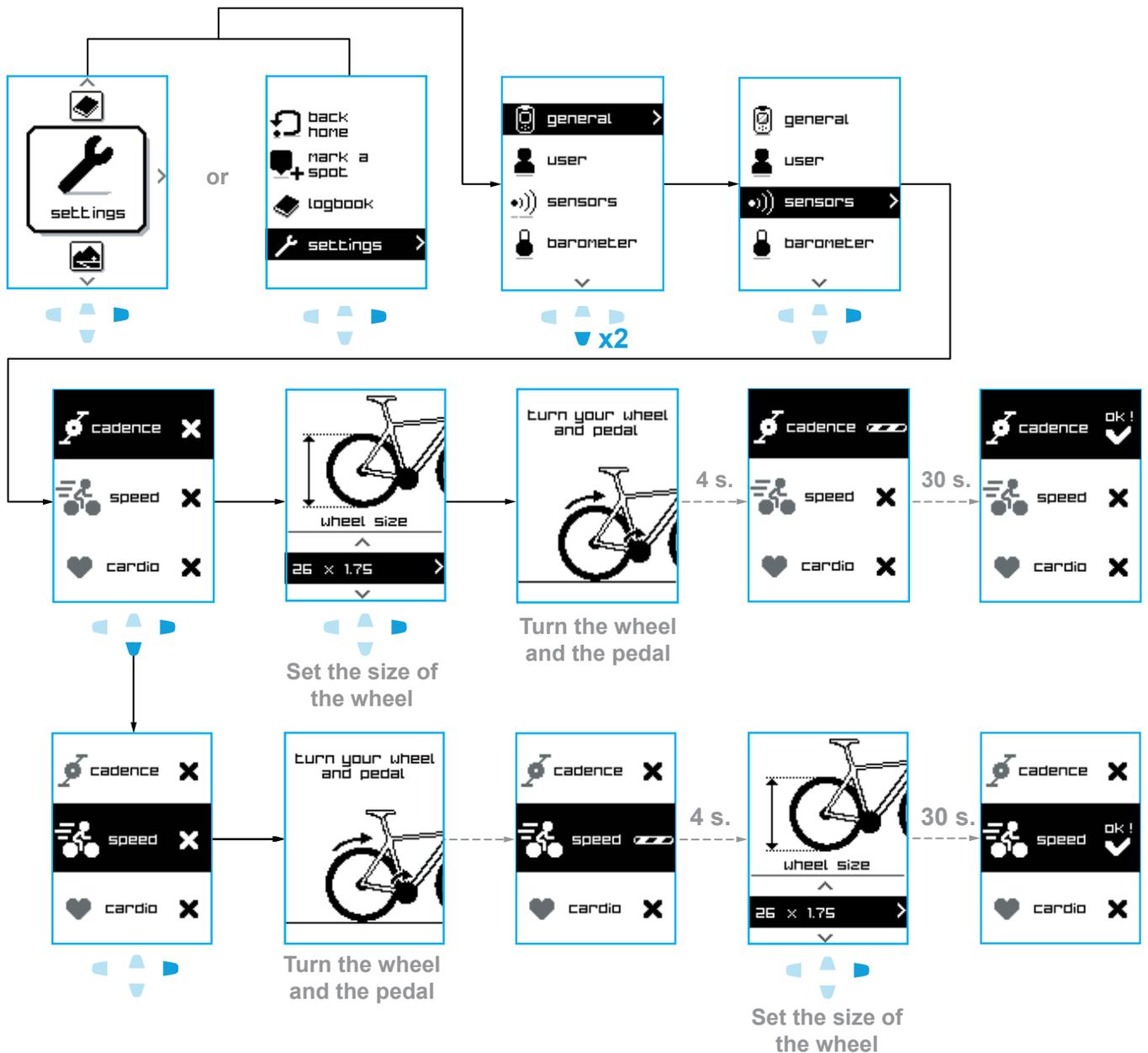
2.1.3 Connecting the sensors to the SATCOUNT+

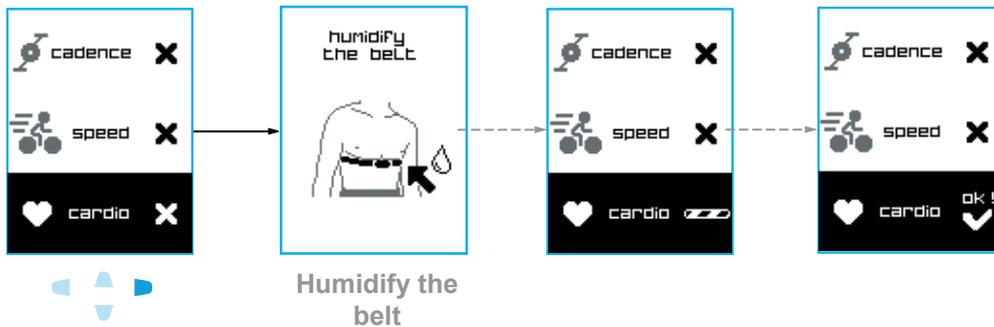
These accessories can only be used with the SATCOUNT+ model.

To install, see the instructions for each accessory.

Cadence Sensor	With this sensor you can see your pedalling frequency, expressed in revolutions per minute (RPM).
Speed sensor	With this sensor you can see the speed for the entire session, as well as the average and maximum speeds for an indoor session.
Heart Rate Belt	With this belt you can see your heart rate during training.

Activate the accessories that you want to use in Mode or in the Settings Menu:

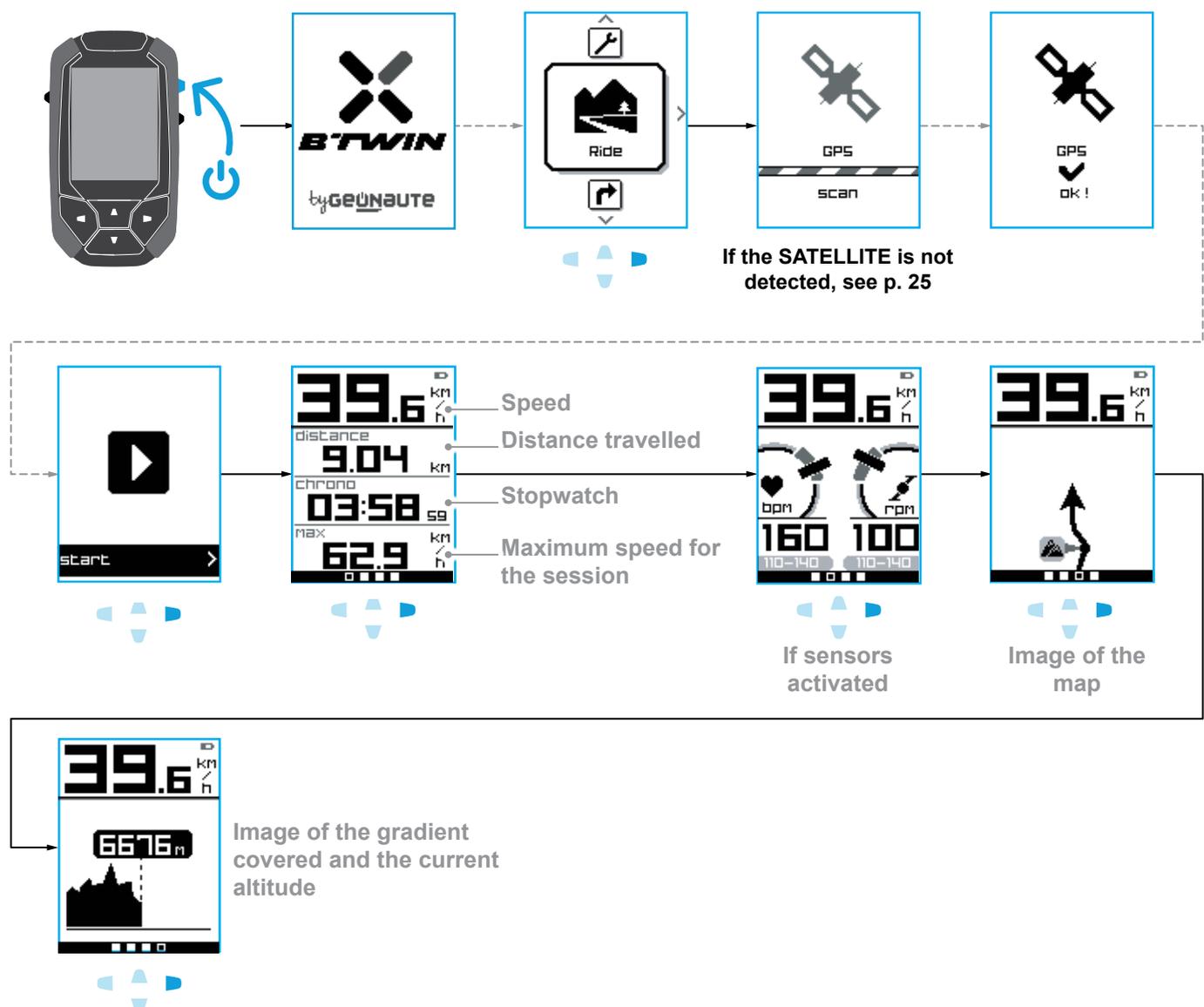




If a ? appears after searching for the sensors, this means that the connection failed. Check the installation of the sensors and start again.

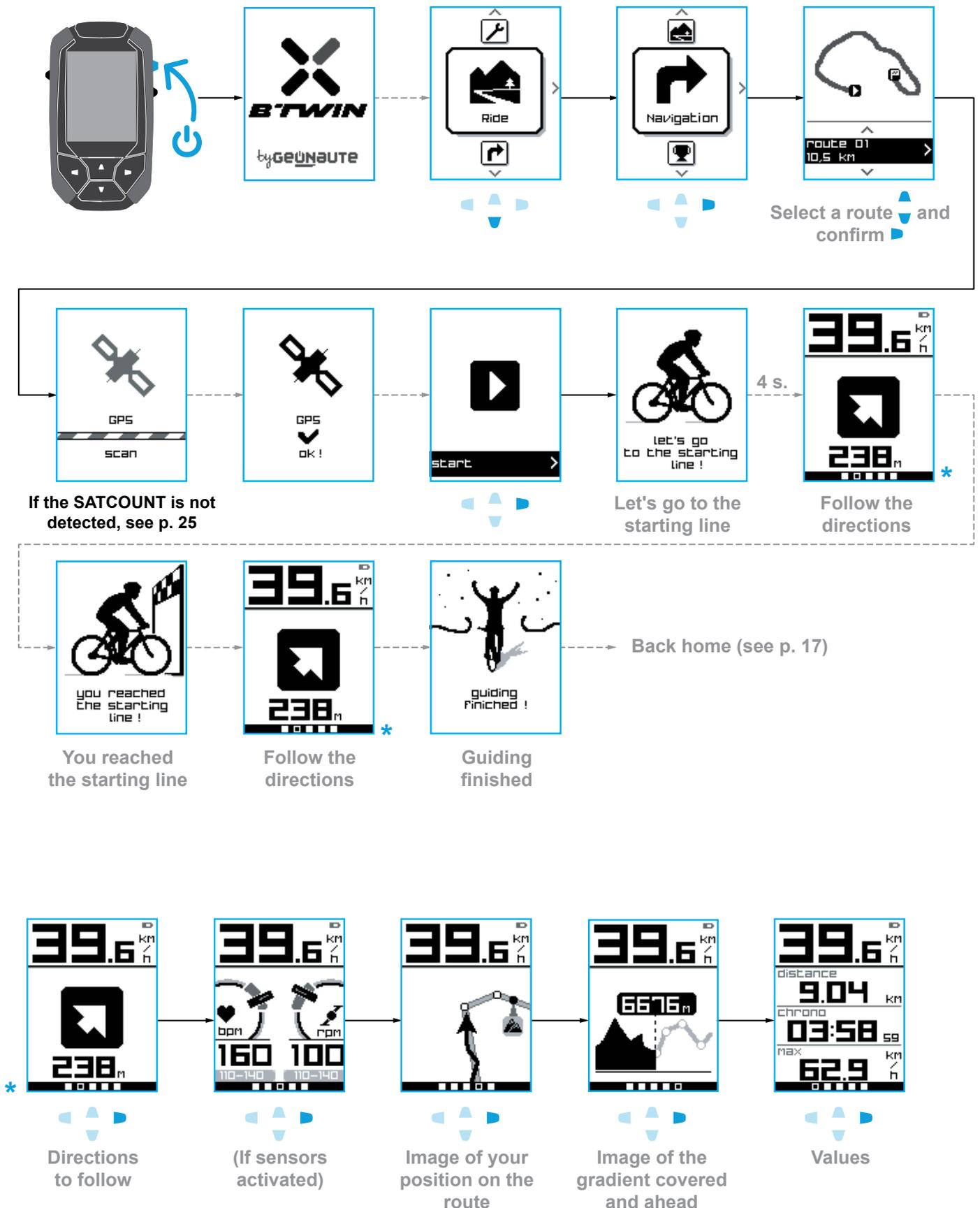
2.2 Ride Mode

In Ride Mode, you can see the route, the altitude, the curve of the gradients covered, the length of the session. You can see the distance travelled, your speed and your heart rate, if you have the relevant accessories.



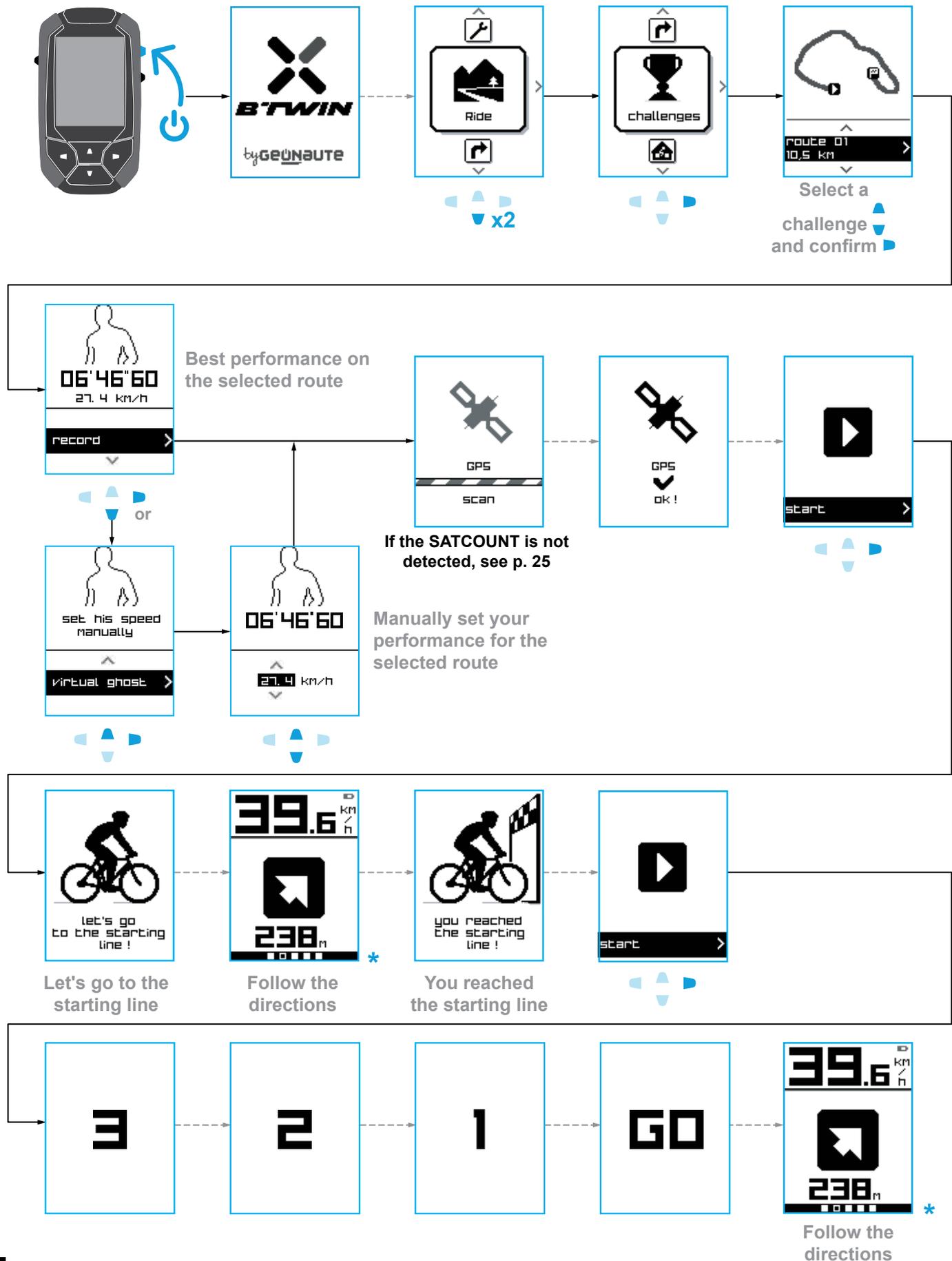
2.3 Navigation Mode (only works outdoors)

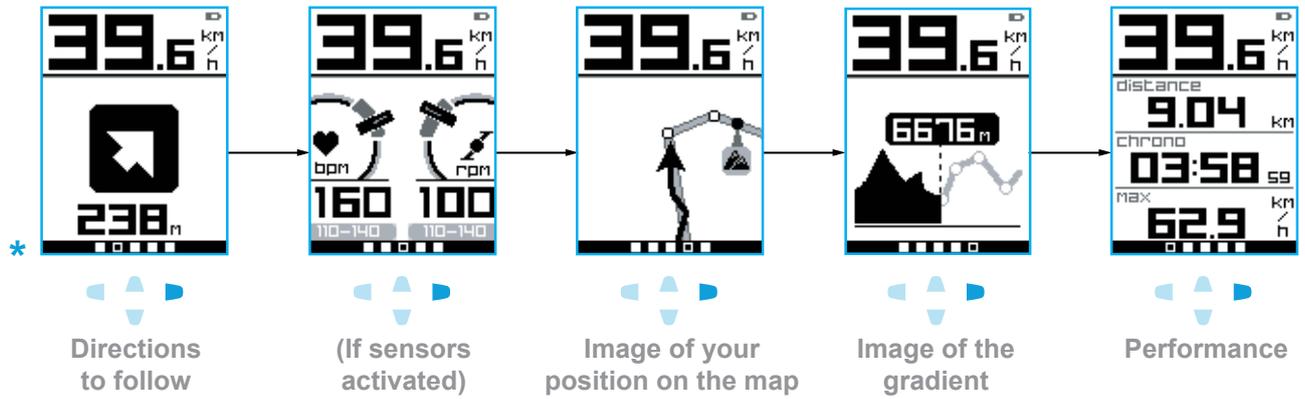
In Navigation Mode, the device leads you on a programmed route. You can see the route, the altitude, the curve of the gradients covered and ahead, the length of the session.



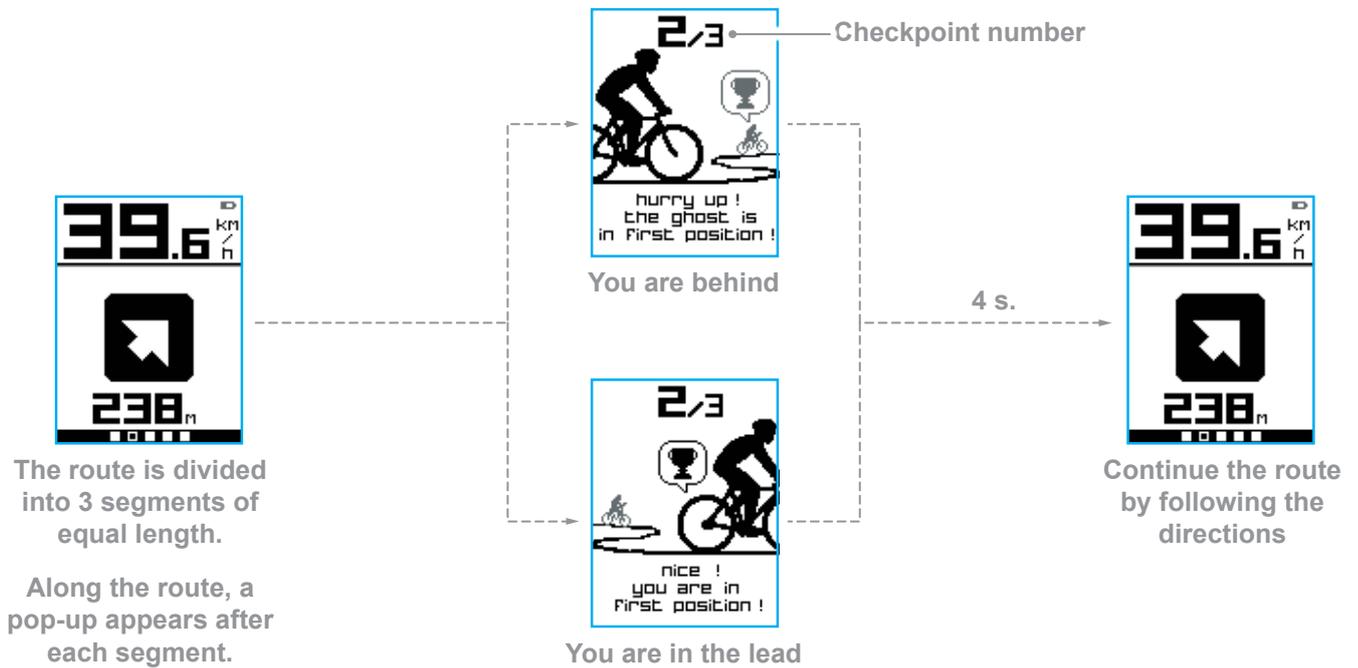
2.4 Challenge Mode

In Challenge Mode, you try to beat your records for the routes already completed. You can see the route, the altitude, the curve of the gradients covered, the length of the session.

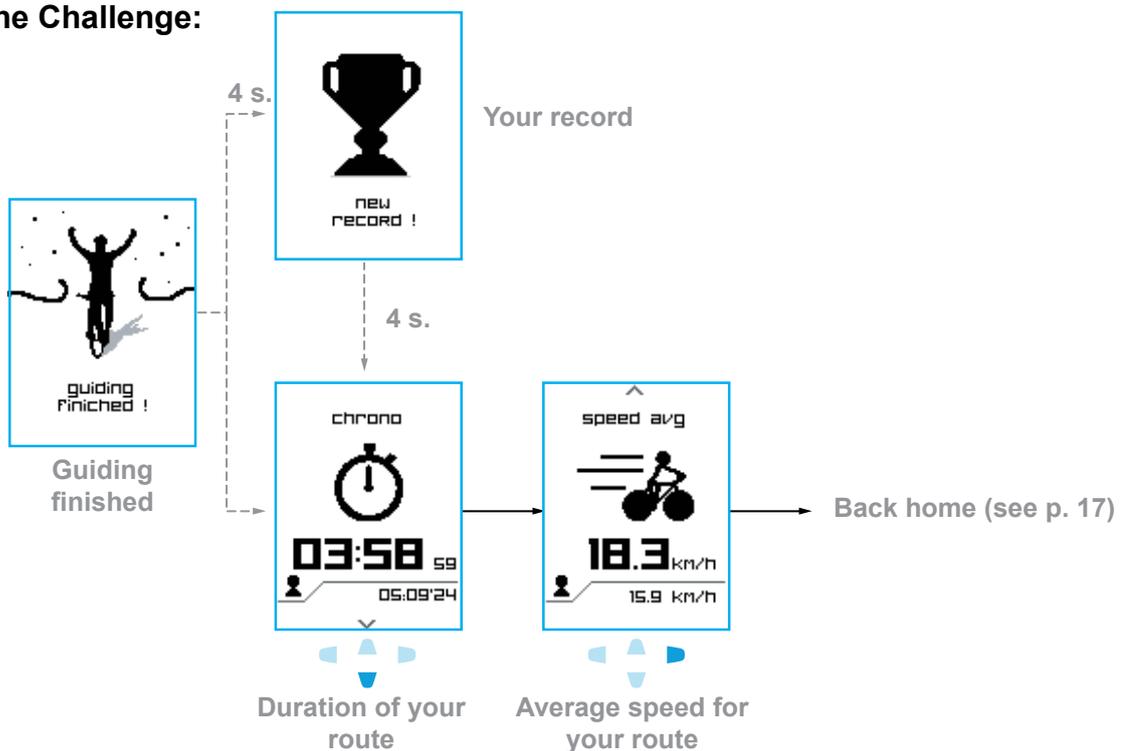




Performance checkpoints during the Challenge:



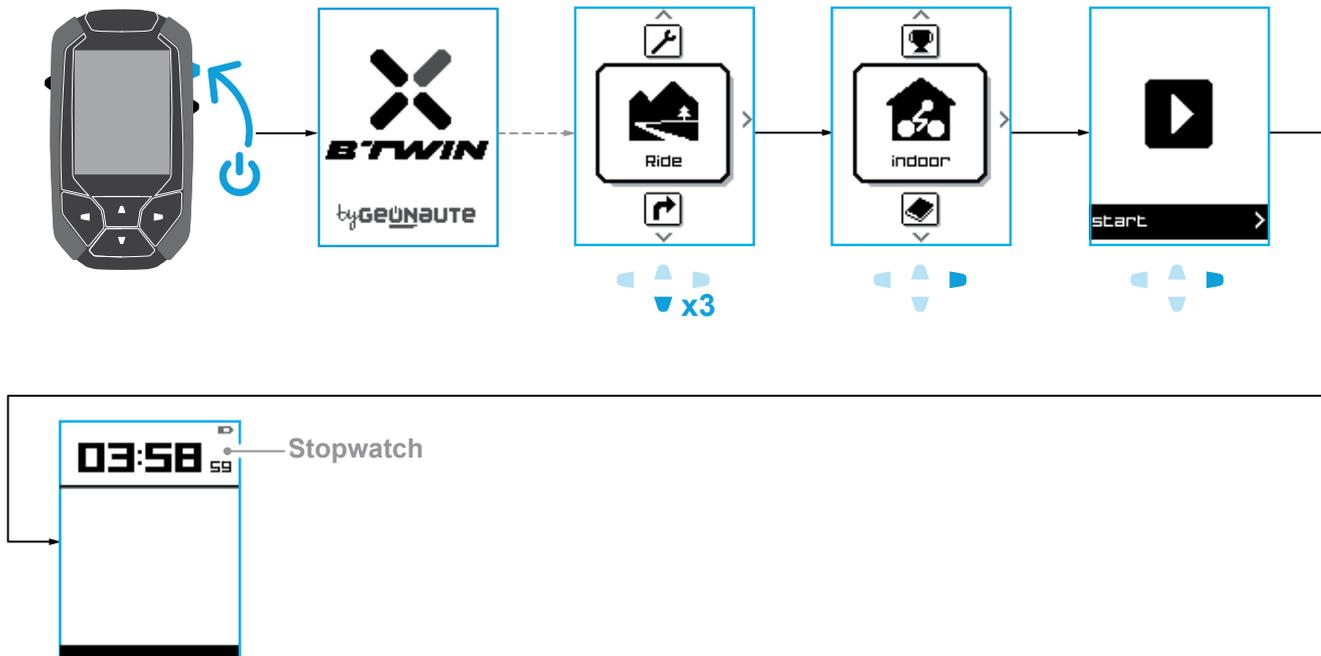
End of the Challenge:



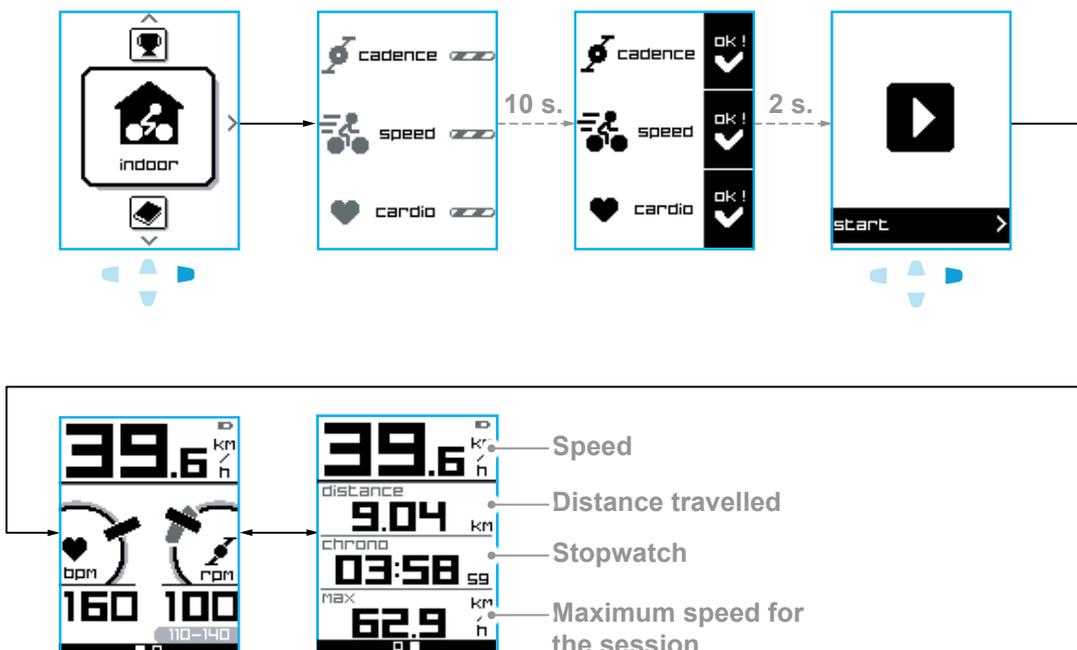
2.5 Indoor training (SATCOUNT+)

In Indoor Mode, depending on the sensors used and/or activated (sold separately), (see p. 5), you can measure your performance: distance travelled, speed, length of training, and you can see your heart rate. When the sensors are not activated, you have just the stopwatch.

Without sensors activated:



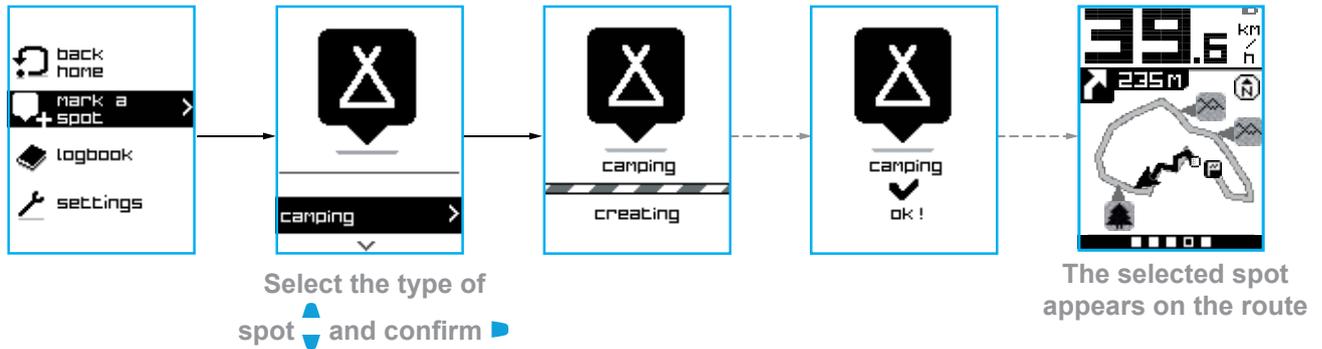
With sensors activated:



2.6 Mark a spot



You can mark a spot on the map when you are in Ride, Navigation, Challenge and Go Back Home Modes, by pressing the Menu key.



Type of spot:

Camp site	Fountain	Hotel	Monument	Car park	Summit	Viewpoint	Restaurant	Rest spot

2.7 Go Back Home

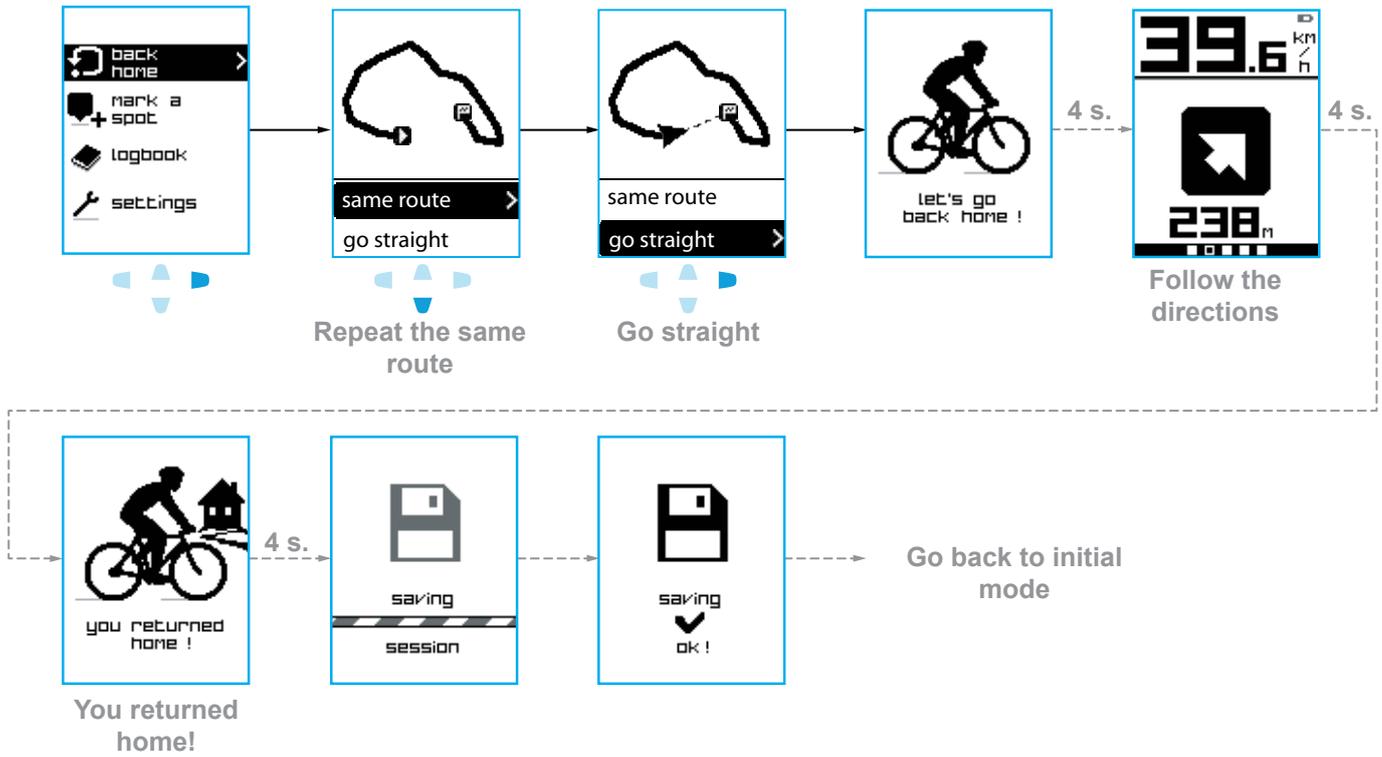


You can choose the Go Back Home option while in Ride, Navigation and Challenge Modes, by pressing the Menu key.



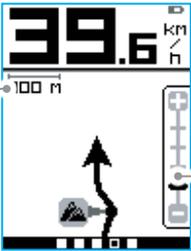
- "Go Back Home" is automatically suggested at the end of a programmed route in Navigation or Challenge Mode.

- If you are less than one kilometre [about 2/3 of a mile] from your starting point, this option will not be suggested.



2.8 Description of the route

At any time, you can zoom in on your route using the Up/Down keys .



Map scale — 100 m

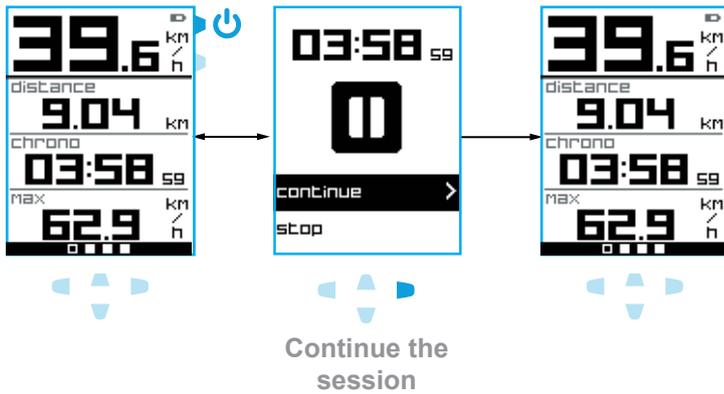
Zoom level

 Press for a few seconds to bring up the scale you can use to zoom in on the map

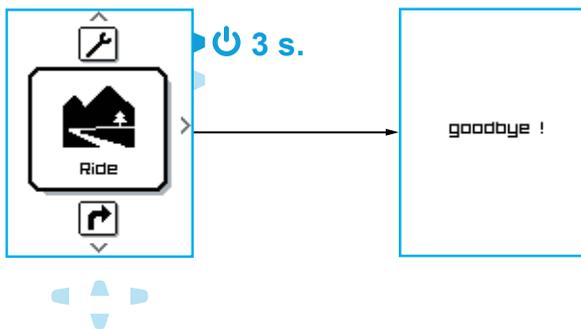
							
Home	Starting line	Finishing line	Your location	The location of the Challenge to beat	Programmed route	Route taken	Cannot find location

2.9 Pause/Stop/Save

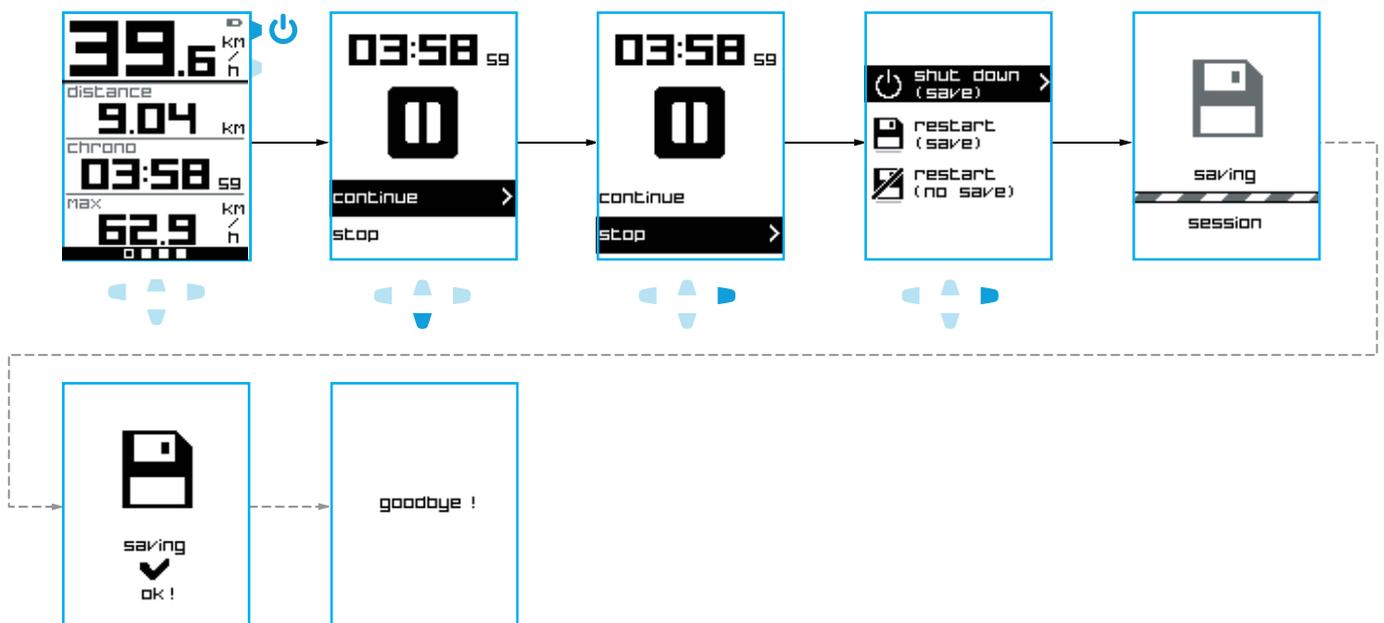
2.9.1 Pause



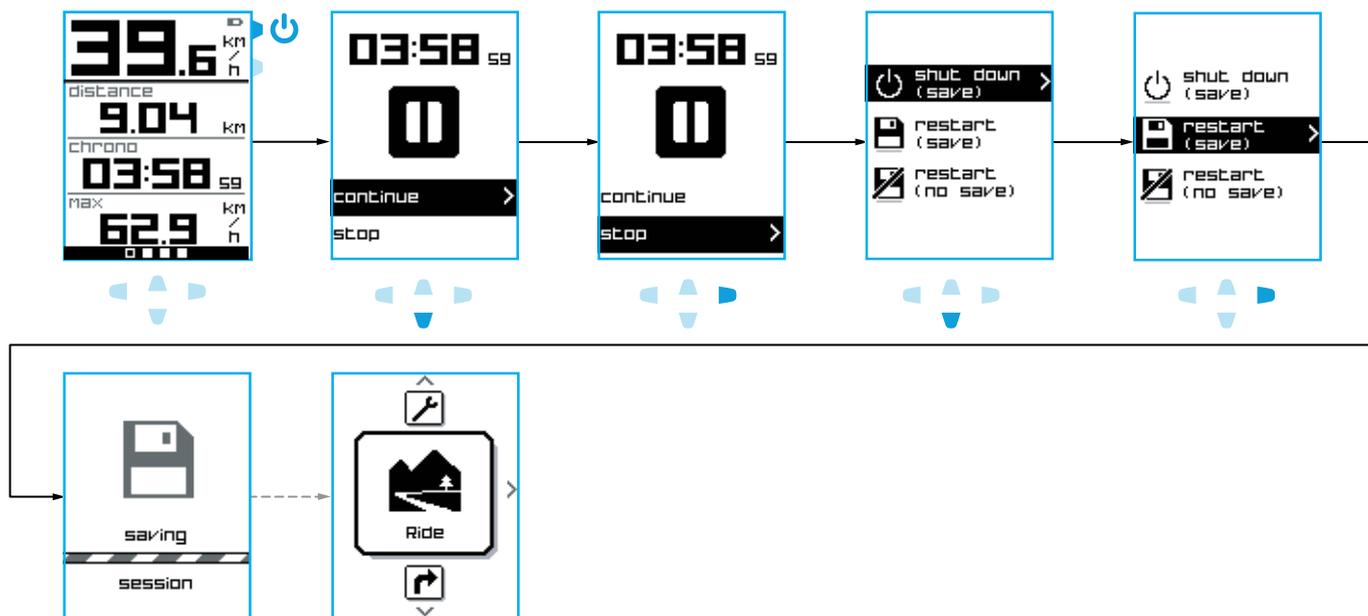
2.9.2 Turning the device off



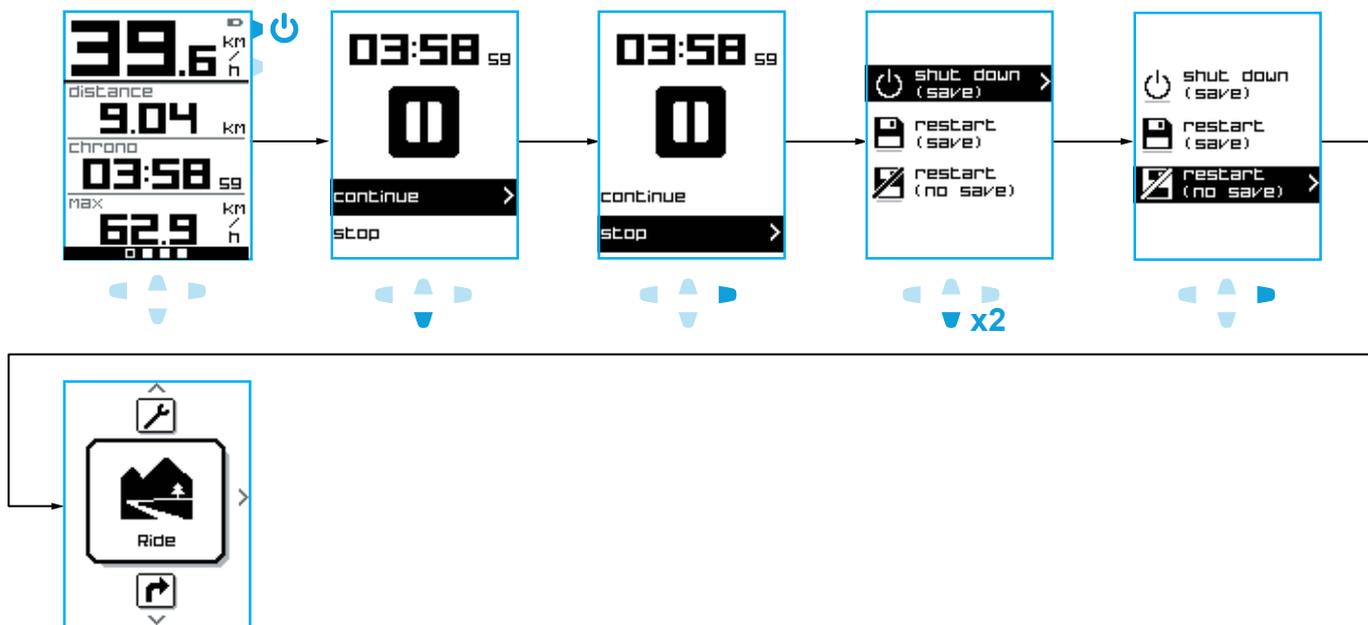
2.9.3 End the session, save then shut down



2.9.4 Stop, save, then continue a session



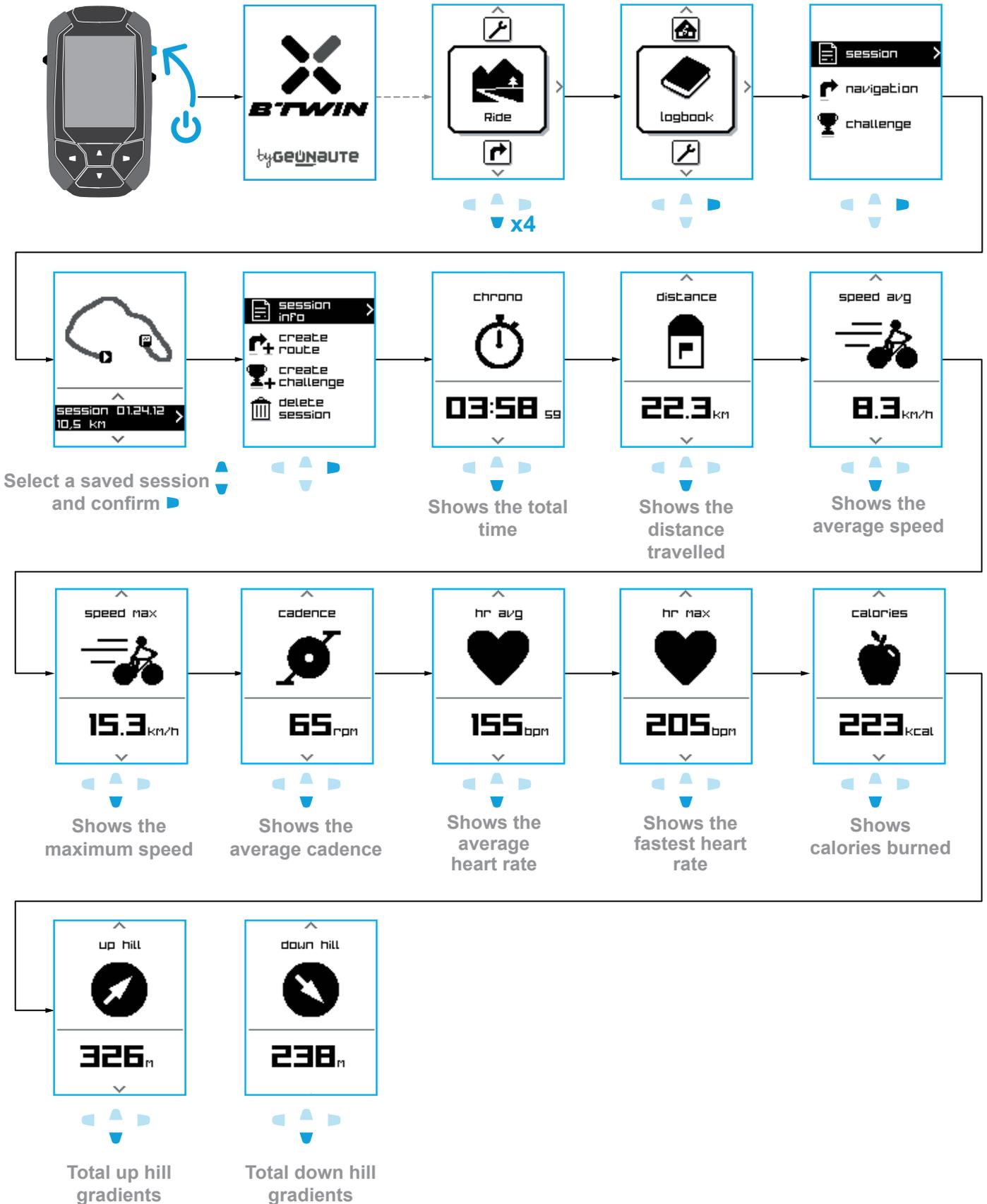
2.9.5 Stop then continue a session without saving



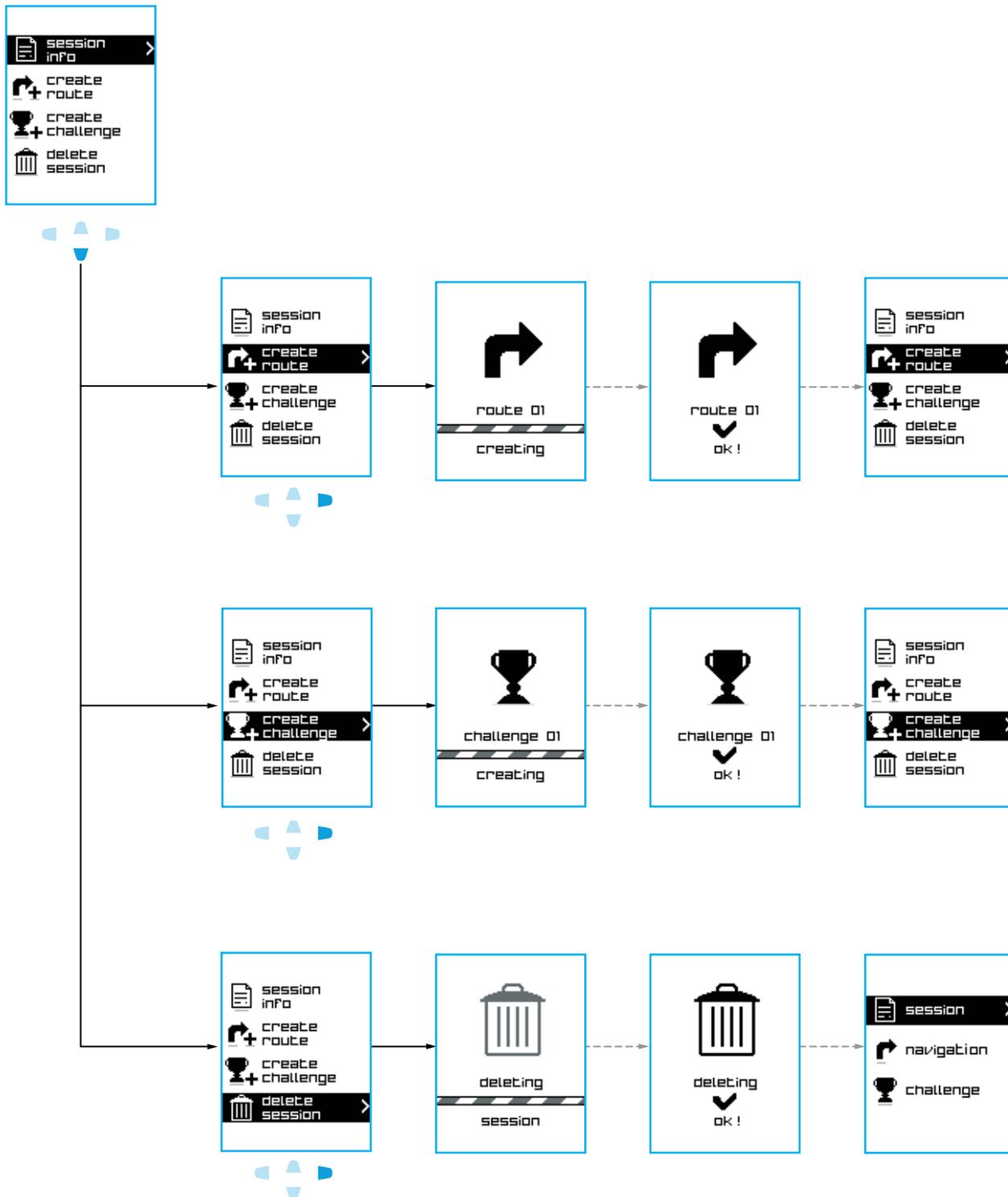
3 LOGBOOK

3.1 Session logbook

3.1.1 See a session

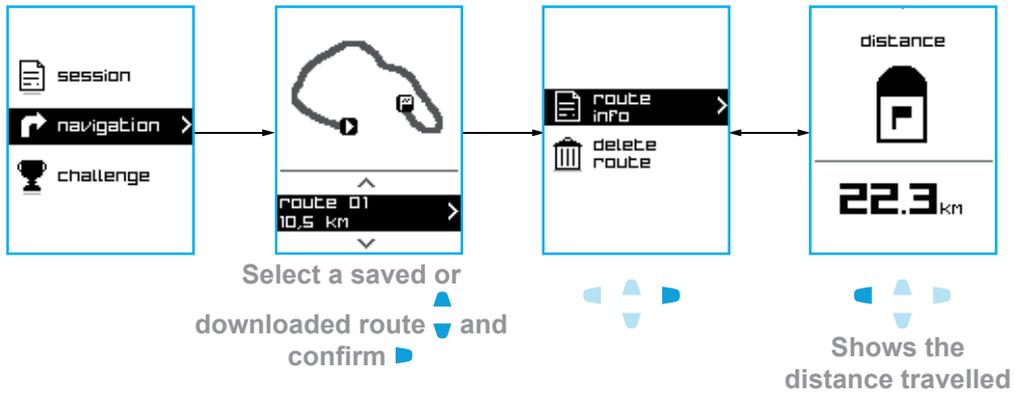


3.1.2 Creating a route and a challenge, deleting a session

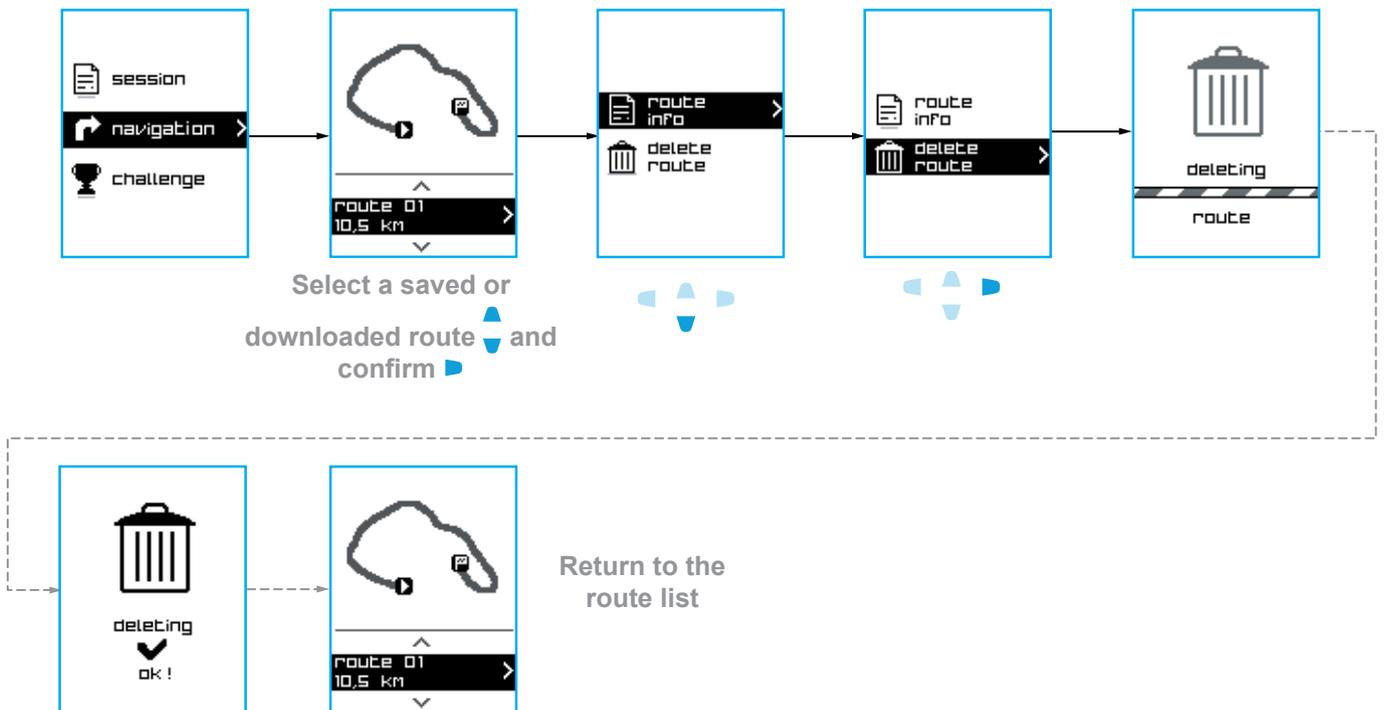


3.2 Navigation logbook

3.2.1 See navigation

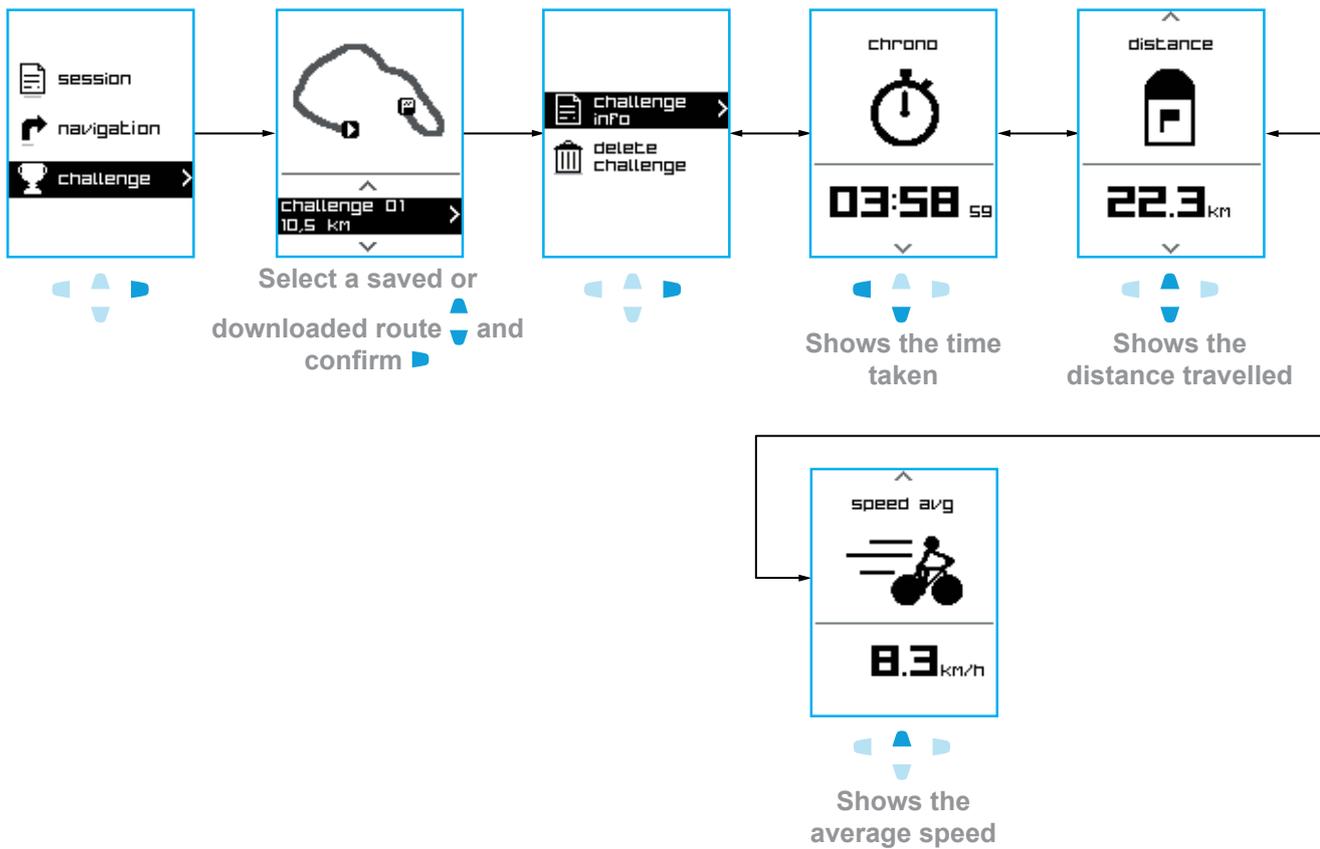


3.2.2 Delete navigation

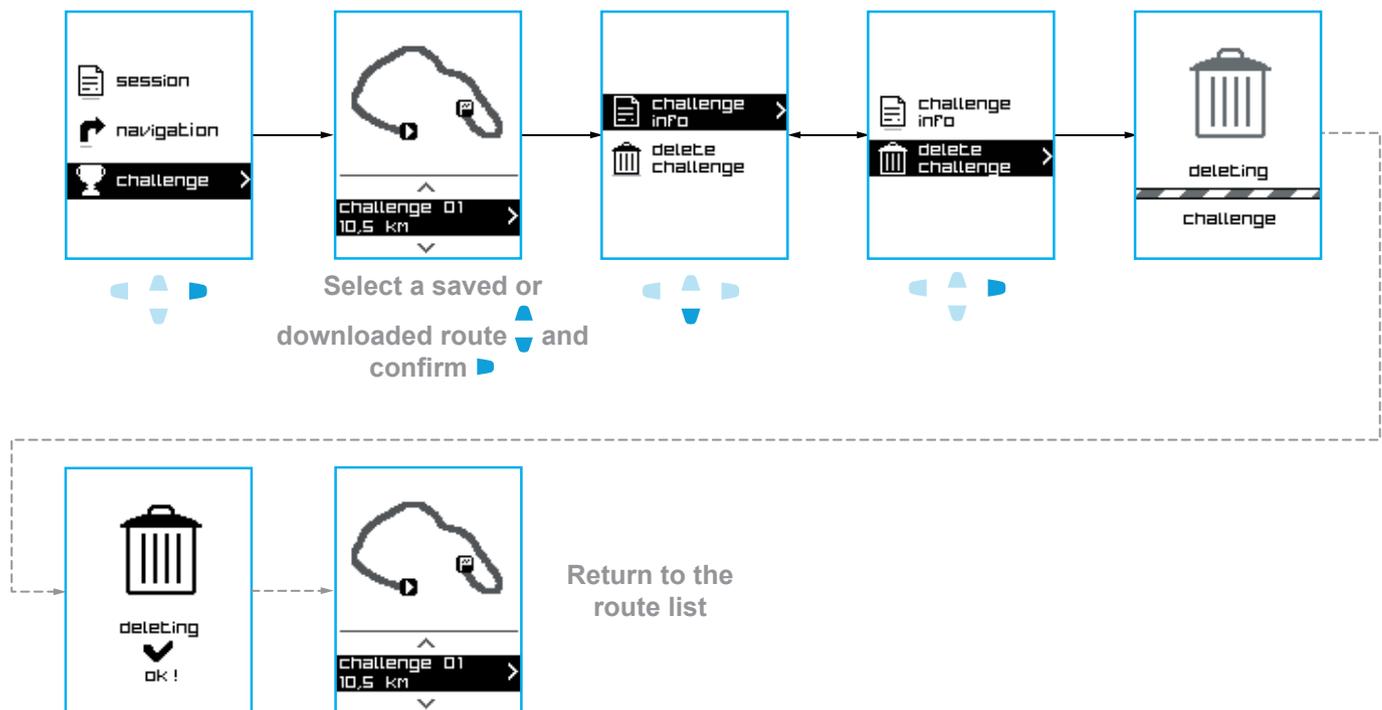


3.3 Challenge logbook

3.3.1 See a challenge



3.3.2 Delete a challenge



4 POP-UP MESSAGES AND ACTIONS

4.1 GPS lost and connection to the sensors lost

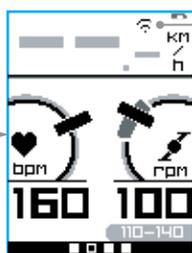
Each time the GPS loses the signal and when a sensor loses its connection, a pop-up window appears on the screen to indicate the problem.



or



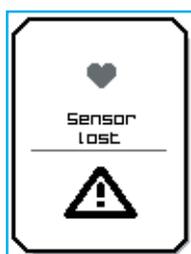
4s.



A flashing signal appears on the screen

GPS signal lost

The speed is not displayed



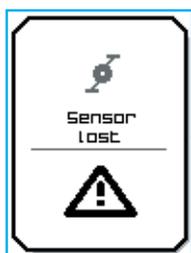
4s.



A flashing signal appears on the screen

Heart rate sensor lost

The heart rate no longer appears, the image is greyed out



4s.



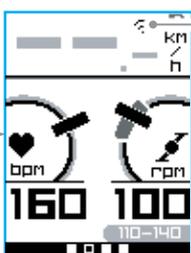
A flashing signal appears on the screen

Cadence sensor lost

The cadence no longer appears, the image is greyed out



4s.



A flashing signal appears on the screen

Speed sensor lost

The speed is not displayed

ACTIONS

Go away from buildings or surrounding trees until the satellite signal is detected.

Check the installation and the battery of your heart rate belt.

Check the installation and the battery of your cadence sensor.

Check the installation and the battery of your speed sensor.

4.2 Battery level



This window appears when 20% of the battery power remains. The same pop-up appears when 10% and 5% remain. The window stays until the user presses a key to hide it.

ACTION

Recharge the battery.

▶ see p. 27.

4.3 Memory full



This window appears when the user saves a session. It is displayed when the memory is 90% full.

ACTION

You can restore memory by deleting sessions in the logbook.

▶ see p. 22.

4.4 Navigation



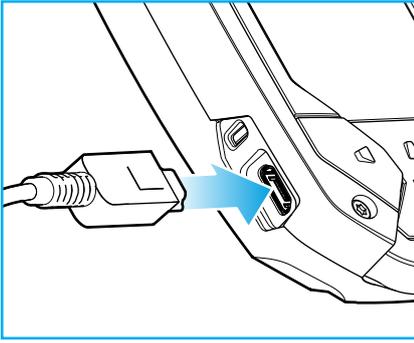
This window appears when the user is going the wrong way. It appears at minute intervals until the user changes direction.



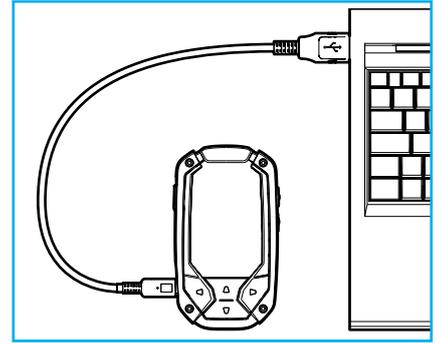
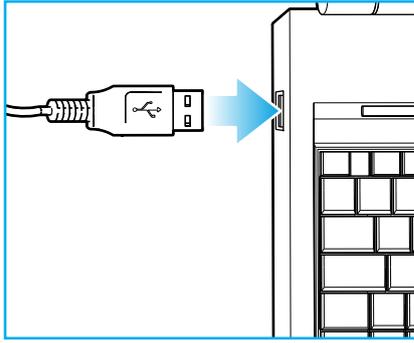
This window appears when the user has deviated from the programmed route by more than 50 metres.

5 CHARGING THE BATTERY

SATCOUNT



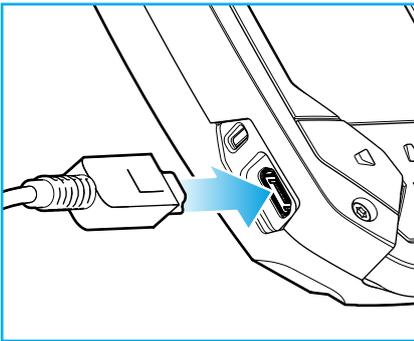
Computer



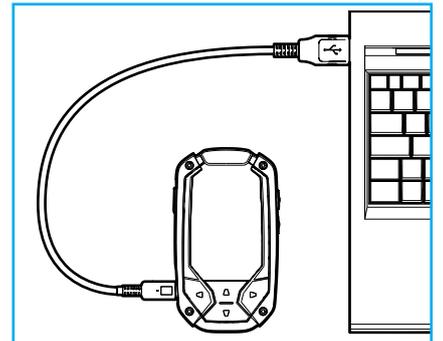
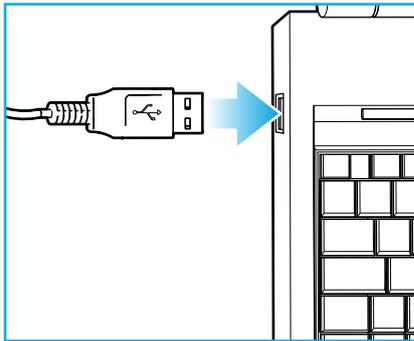
Type of connection: USB/mini USB.

6 SAVING YOUR PERFORMANCE ON-LINE

SATCOUNT



Computer



Type of connection: USB/mini USB.

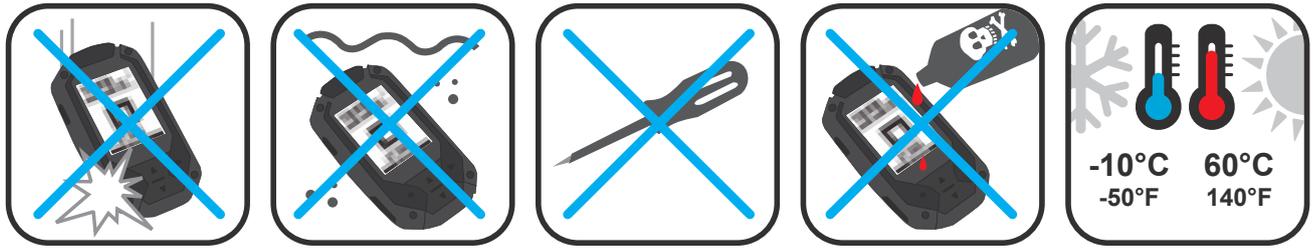
Analysing performance and downloading the software:

- Click on: <http://my.geonaute.com/home> and create an account.
- Download the ON CONNECT software.

7 TECHNICAL CHARACTERISTICS

	SATCOUNT	SATCOUNT +
Specifications		
Device dimensions (WxLxD)	50.39 x 90.81 x 22.23 mm	
Screen size (W x L)	32 x 42 mm	
Screen resolution	96 x 128 pixels	
Backlit LCD	yes	
Weight	76g	
Battery	rechargeable lithium ion	
Battery life	up to 16 hours	
Water resistant	yes (IPX7)	
GPS	yes	
High-sensitivity receiver	yes	
Buzzer	yes	
USB port	Micro USB	
ANT + transmitter-receiver	no	yes
Memory		
Memory capacity	6 Mb	
Characteristics and benefits		
Heart rate monitor	no	yes
Bike speed and cadence sensors	no	yes
Barometric altimeter	no	yes
Digital compass	no	yes
PC/MAC software (Web service)	yes	
Challenge	yes	
Navigation (by route)	yes	
Calculates calories burned according to heart rate	no	
Customisable screen	yes	

8 PRECAUTIONS FOR USE AND WARRANTIES

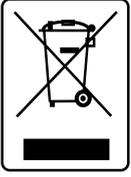


B'twin guarantees to the initial purchaser of this product that it is free from material or manufacturing defects. This product is guaranteed for two years from the date of purchase. Please ensure that you keep the invoice as proof of purchase.

The guarantee does not cover:

- damage resulting from misuse, from a failure to respect the precautions for use, from accidents, from improper maintenance or from commercial use of the product.
- damage resulting from repairs carried out by persons not authorised by B'twin.
- batteries or casings which are cracked or broken or which show signs of impacts.

During the warranty period, the item will either be repaired free of charge by an authorised repair service or replaced free of charge (depending on the distributor).



The 'crossed-out dustbin' symbol indicates that this product and the batteries it contains cannot be disposed of with household waste. They are subject to specific sorting. The product and batteries must be recycled at a collection point at end of life. Recycling your electronic waste protects the environment and your health.

This device is compliant with Section 15 of FCC rules. Its operation is subject to the following two conditions:

- 1 This device is not likely to produce harmful interference.
- 2 This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, in accordance with Section 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, 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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the retailer or an experienced radio/television technician.

Warning:

Any changes or modifications not expressly approved by Décathlon could void the user's authority to use the equipment.

CONTACT US

We would like to hear your feedback on the quality, features and use of our products at: www.btwin.com

We will reply as soon as possible.

oxylane

OXYLANE

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