USER MANUAL

iGS618 GPS CYCLING COMPUTER

www.igpsport.com

WUHAN QIWU TECHNOLOGY CO., LTD

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Getting started

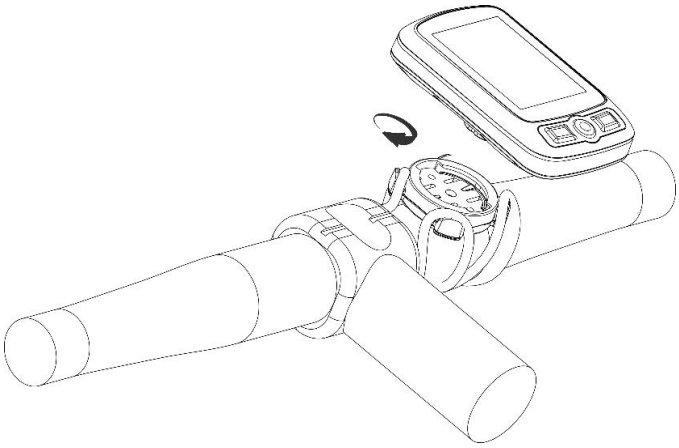
Buttons

Left button: Power on/ Exit/Power off (hold for more than 2s) or Restart(hold for more than 10s)
Middle button: Confirm/Recording start/Lap/Recording pause/Recording continue)
Right button: Scroll down / Scroll Pages

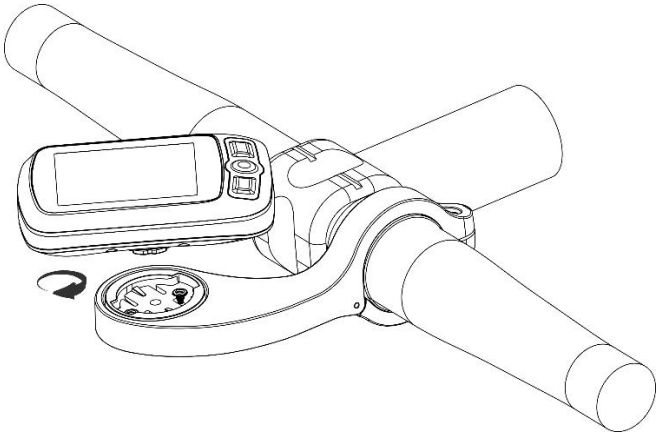
For specific button function, please refer to the button prompts under the screen.

Installation

1. Standard bike mount installation



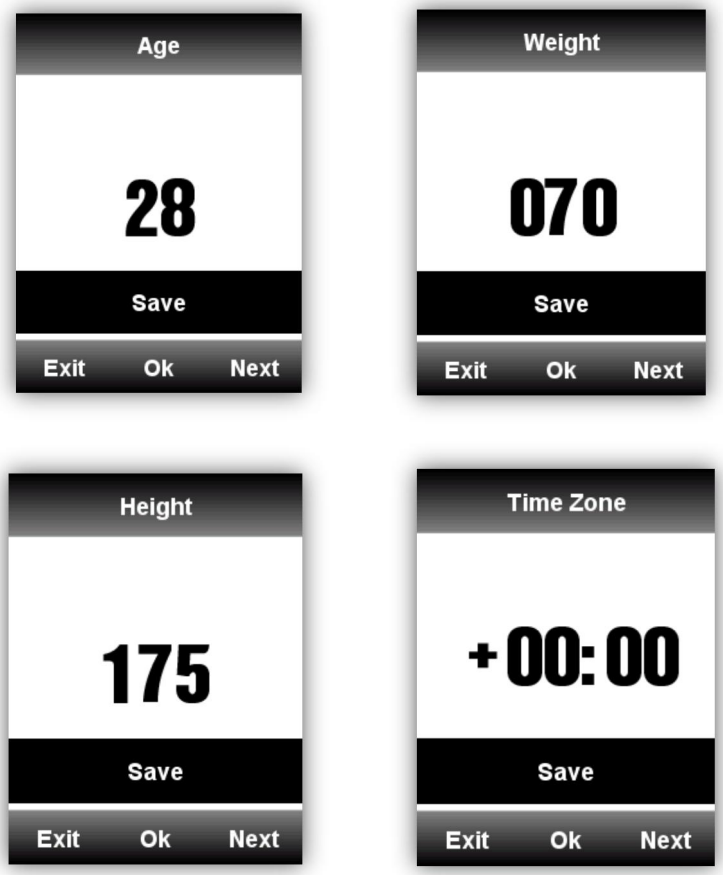
2. Out front bike mount installation (Optional accessory)



Personal setting

When using iGS618 for the first time, you can set the **Language, Gender, Age, Weight, Height** and **Time Zone** as below:

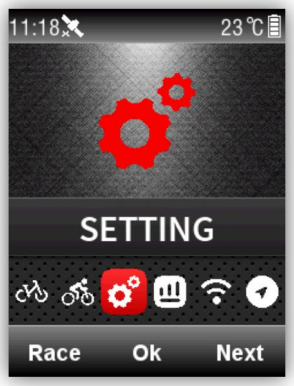
While setting the numerical digits, select right button to choose the digit of number, select left/ middle button to plus/minus the number, then select right button to enter the save page, select middle button to confirm the saving.

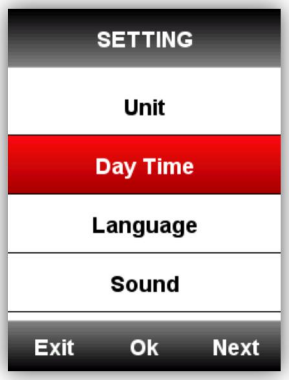


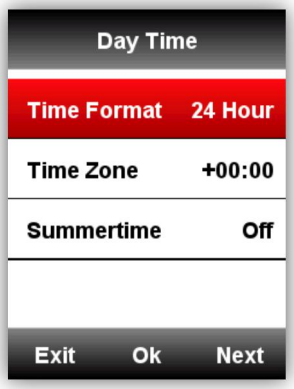
It will enter the data display page once the setting finished.
For better using on iGS618, please complete more settings as below.

Time format

There are 2 time formats for selection: 12 hour or 24 hour.
Enter **SETTING-Day Time-Time Format**







Connecting with ANT+ sensors

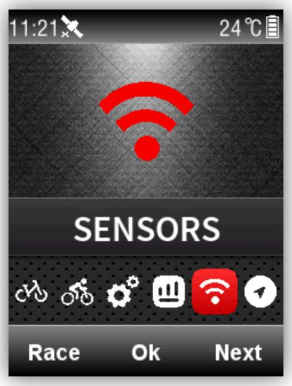
If you have ANT+ sensors, for first time using, please search the sensors as below:
SENSORS-Search All (It may take some time to finish searching.)

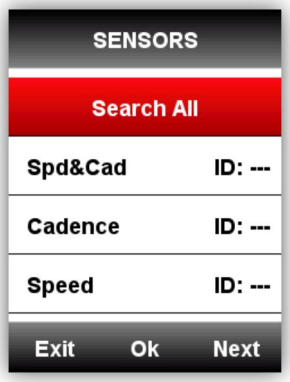
Note: please make sure the sensors are in wake-up mode

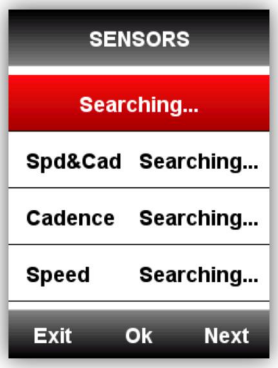
1.Heart rate monitor should be worn directly on skin just around the chest.

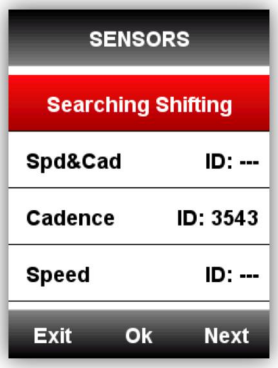
2.Cadence sensor should be installed on the crank arm of no-drive side, then rotate the crank arm.

3.Speed sensor should be installed on the top of front wheel hub, then rotate the front wheel.



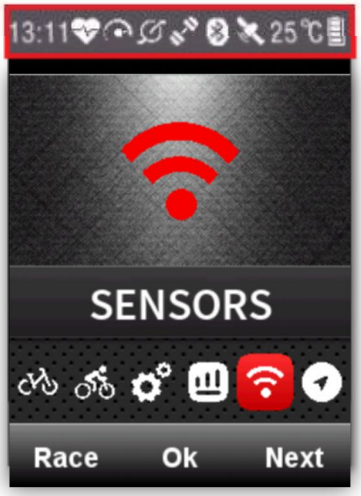


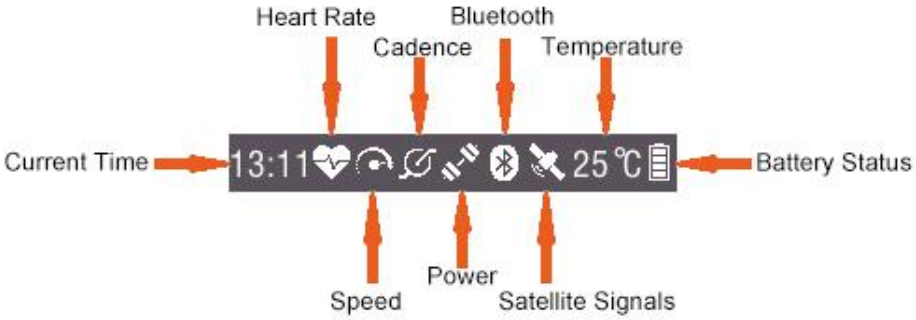




Screen display Indicator icons

When sensors are connected, the indicator icons will be shown in the upper screen as below:

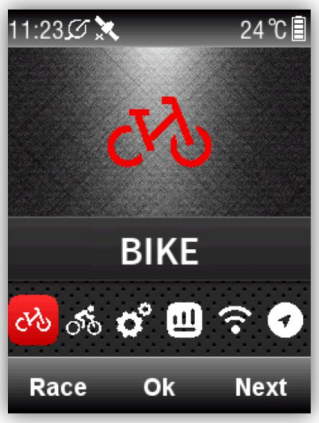


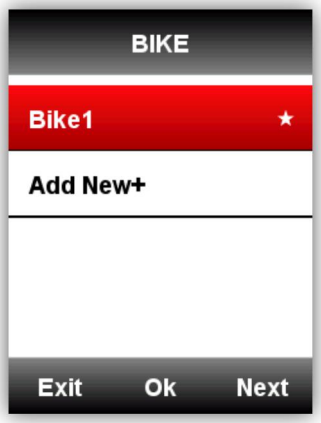


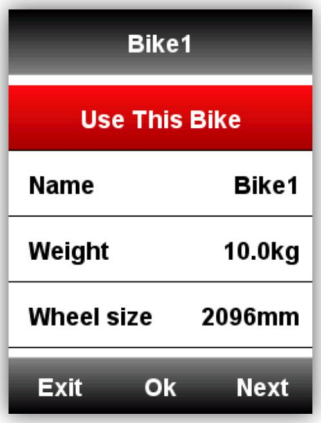
Bike setting

It is necessary to set the bike circumference if using ANT+ speed sensor.

Please enter the **BIKE** menu, choose the selected bike, set the circumference, save, and exit as below:







Common wheel size and circumference:

Wheel Size	L (mm)	Wheel Size	L (mm)
12 × 1.75	935	26 × 1.75	2023
14 × 1.5	1020	26 × 1.95	2050
14 × 1.75	1055	26 × 2.00	2055
16 × 1.5	1185	26 × 2.10	2068
16 × 1.75	1195	26 × 2.125	2070
18 × 1.5	1340	26 × 2.35	2083
18 × 1.75	1350	26 × 3.00	2170
20 × 1.75	1515	27 × 1	2145
20 × 1-3/8	1615	27 × 1-1/8	2155
22 × 1-3/8	1770	27 × 1-1/4	2161
22 × 1-1/2	1785	27 × 1-3/8	2169
24 × 1	1753	650 × 35A	2090

24×3/4 Tubular	1785	650 × 38A	2125
24 × 1-1/8	1795	650 × 38B	2105
24 × 1-1/4	1905	700 × 18C	2070
24 × 1.75	1890	700 × 19C	2080
24 × 2.00	1925	700 × 20C	2086
24 × 2.125	1965	700 × 23C	2096
26 × 7/8	1920	700 × 25C	2105
26 × 1(59)	1913	700 × 28C	2136
26 × 1(65)	1952	700 × 30C	2170
26 × 1.25	1953	700 × 32C	2155
26 × 1-1/8	1970	700C Tubular	2130
26 × 1-3/8	2068	700 × 35C	2168
26 × 1-1/2	2100	700 × 38C	2180
26 × 1.40	2005	700 × 40C	2200
26 × 1.50	2010	27.5×1.5	2074
27.5×1.75	2114	27.5×1.95	2146
27.5×2.125	2174		

Acquiring satellite signals

iGS618 will search the satellite signals automatically when power on.

Please make sure iGS618 is outdoor and under a clear view of the sky.

Usually it may take 5 to 120 seconds to locate satellite signals.

Remain stationary when acquiring satellite signals.

The time and date will be calibrated automatically after satellite signals located.

Satellite signals icons:

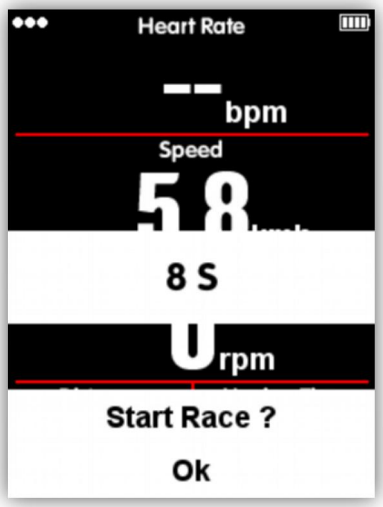
	Strong satellite signals
	Normal satellite signals
	No satellite signals(position not fixed)
	GPS closed

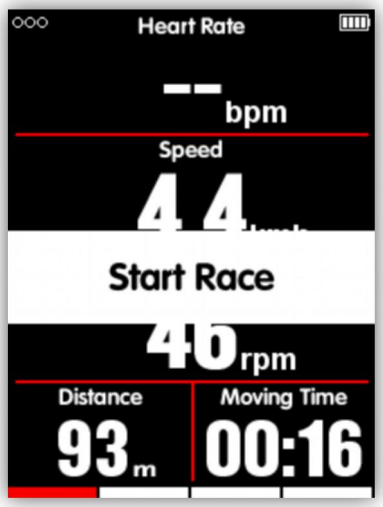
In main menu, select left button to enter the data display page, the icon in upper left screen also shows the satellite signals intensity.

GPS satellite signals intensity

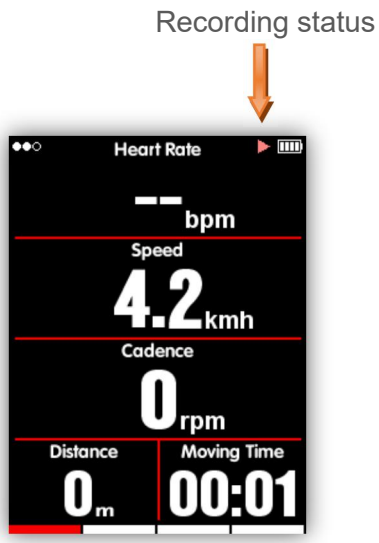
Starting a ride

When motion detected, iGS618 will start count down automatically, wait till count down finished or select the middle button to start recording, or select the left button to cancel the recording. To turn off the auto recording function and choose manual recording, please refer to the Auto Functions



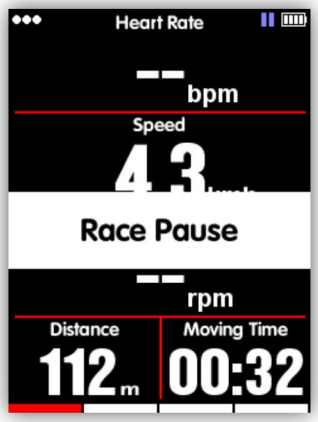


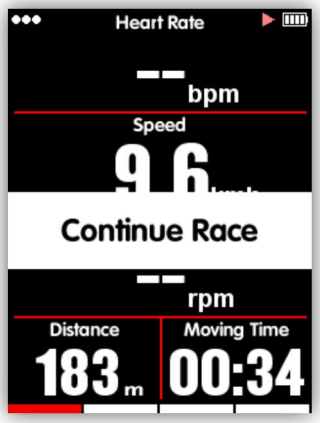
Under recording mode, the icon in upper right screen beside the battery icon will show recording status too.



Pause and continue

When you stop moving, , iGS618 will detect and pause the recording automatically. The icon will shift between record and pause accordingly. You can also select middle button to pause while recording manually.

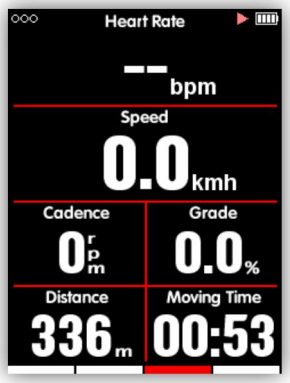


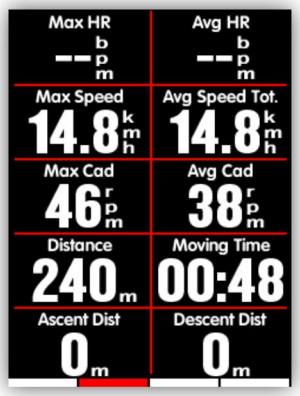


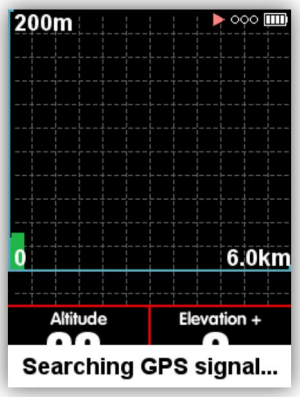
Scroll pages

Scroll page down/up

In data display page, select right button to shift from selected pages. The red indicating bar at the bottom of the screen shows the current page. For more setting on pages, please refer to the Advanced Setting-**MODE-Page Selection-Set Pages**

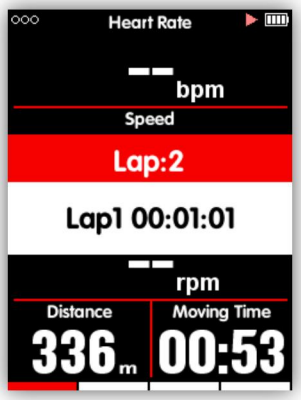






Lap

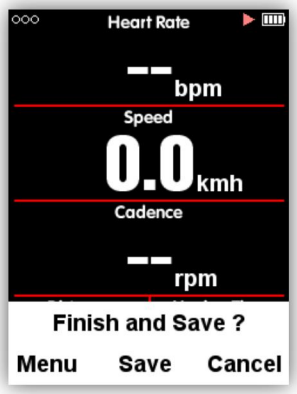
If you want to analyze the data in one segment, select the middle button under recording mode to start laps, it will notice a new lap and show the riding time of last Lap.

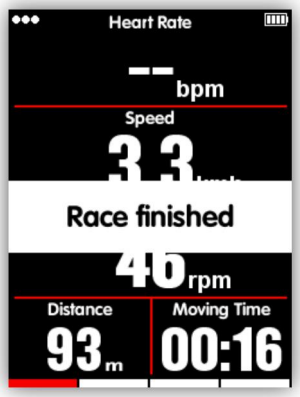


Ending a ride

Stop recording

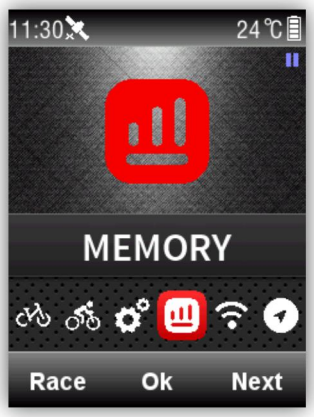
Select the left button to end a ride, select the middle button to save the ride. When the ride is ended, the recording indicator icon on the upper right will disappear accordingly. Power off iGS618 under recording mode, will also save the riding data automatically.

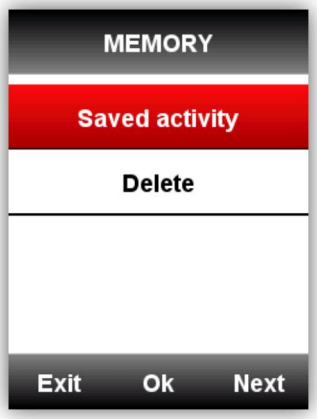


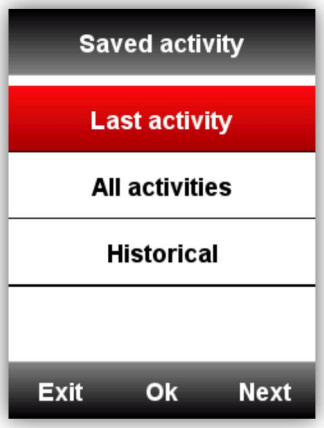


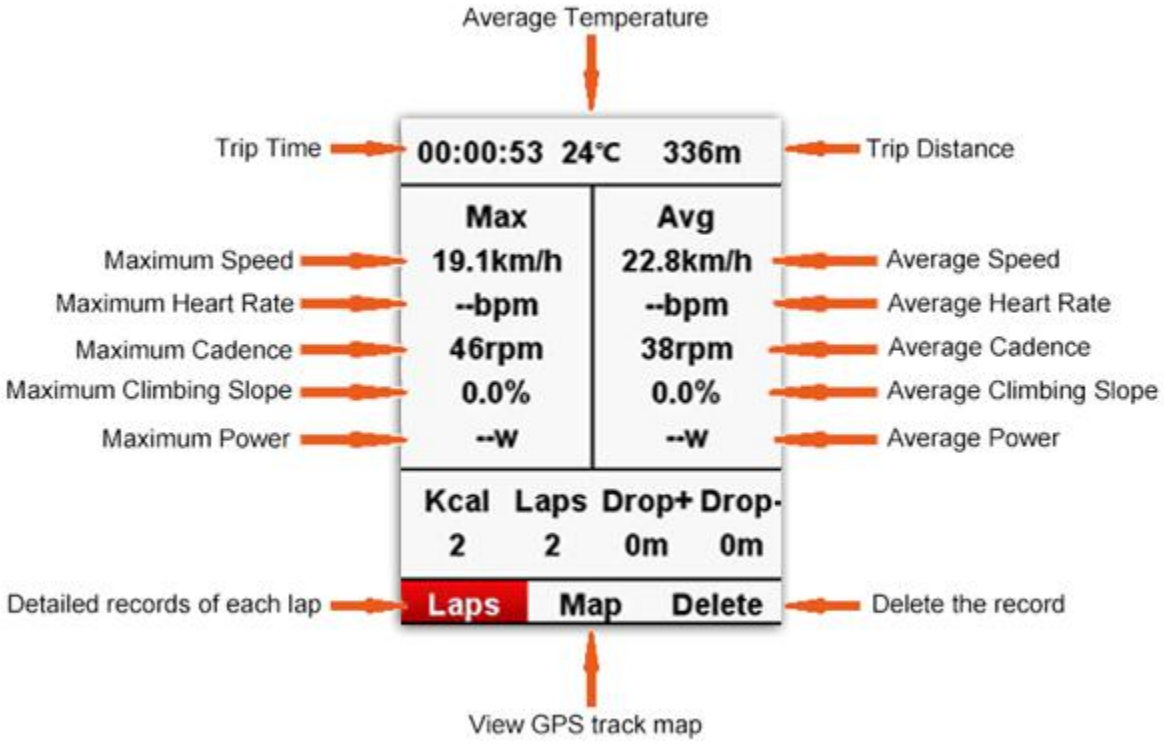
Reviewing your ride

Check the activities under **MEMORY** menu as below:









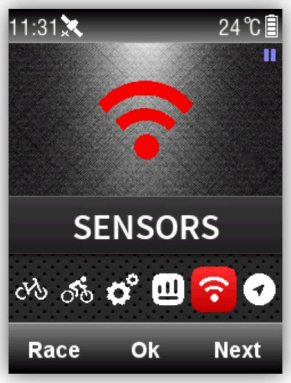
There are 3 menus for selection under the abstract information page as above, select middle button to enter **Last activity** or (a selected data under **All activities**) for details: choose **Laps** to check each data in current Lap (select middle button again, then select right button to shift into next Lap); choose **Map** to check the GPS track of current activity, and open the navigation function(check the detail introduction on navigation function chapter); choose **Delete** to delete current activity.

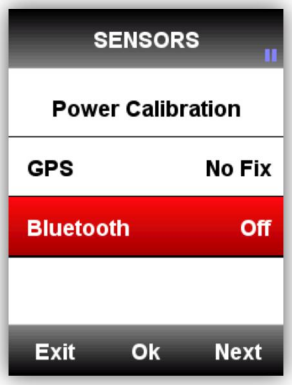
Activity upload

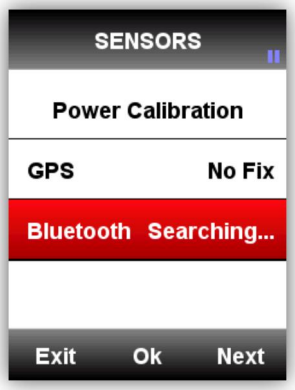
To analyze the activities, please upload them into iGPSPORT App via BLE or data analysis website via USB cable.

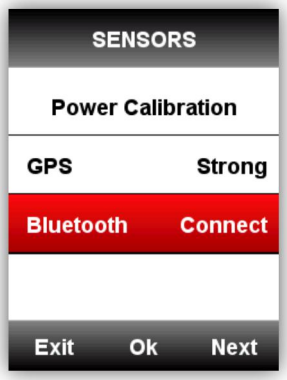
Upload via BLE

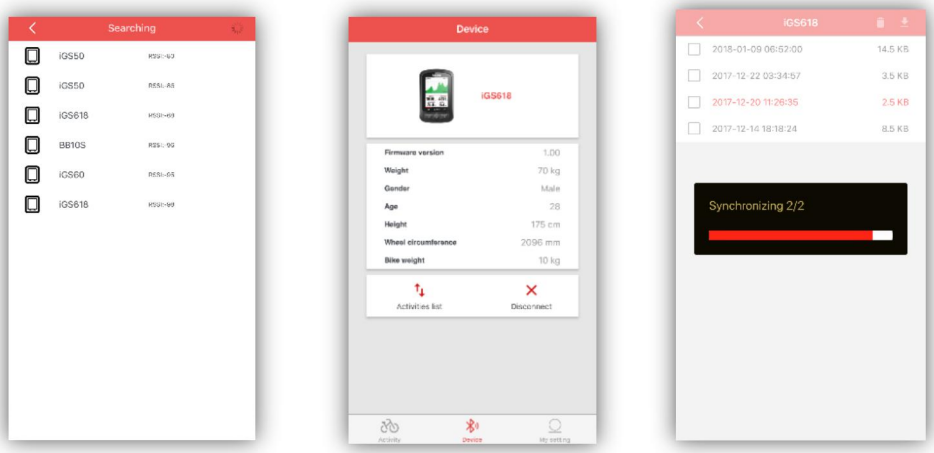
Choose **SENSORS** in main menu, select Bluetooth, select middle button to open the Bluetooth, search iGS618 device through the installed application in smart phone, screen will show **Connect** once successfully connected, then you can use iGPSPORT app to upload activities.











(Take ios app for example)

Upload via USB cable

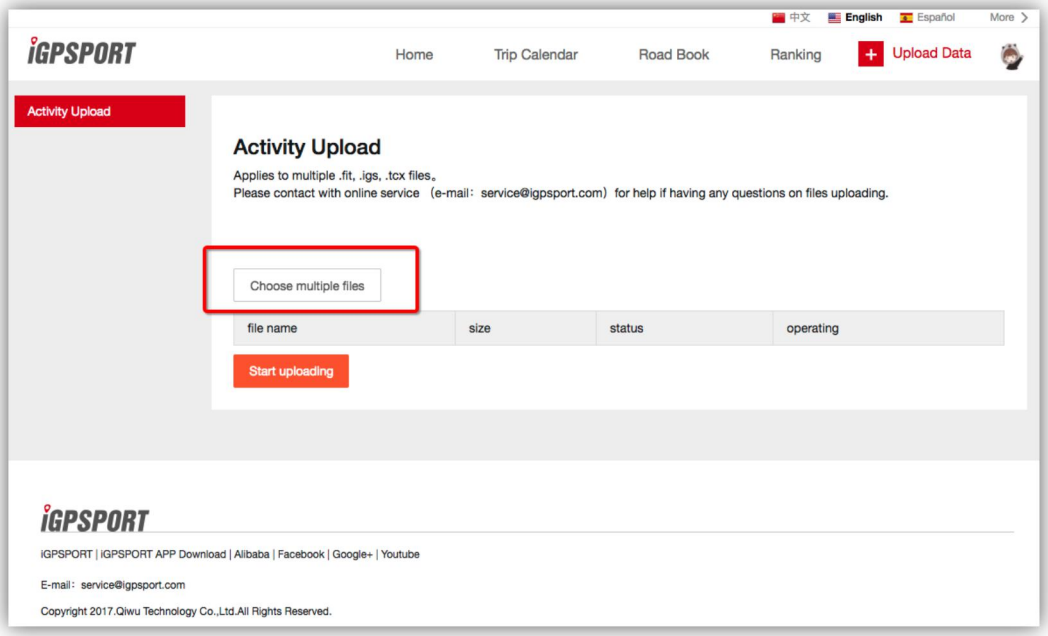
1) Power off iGS618.

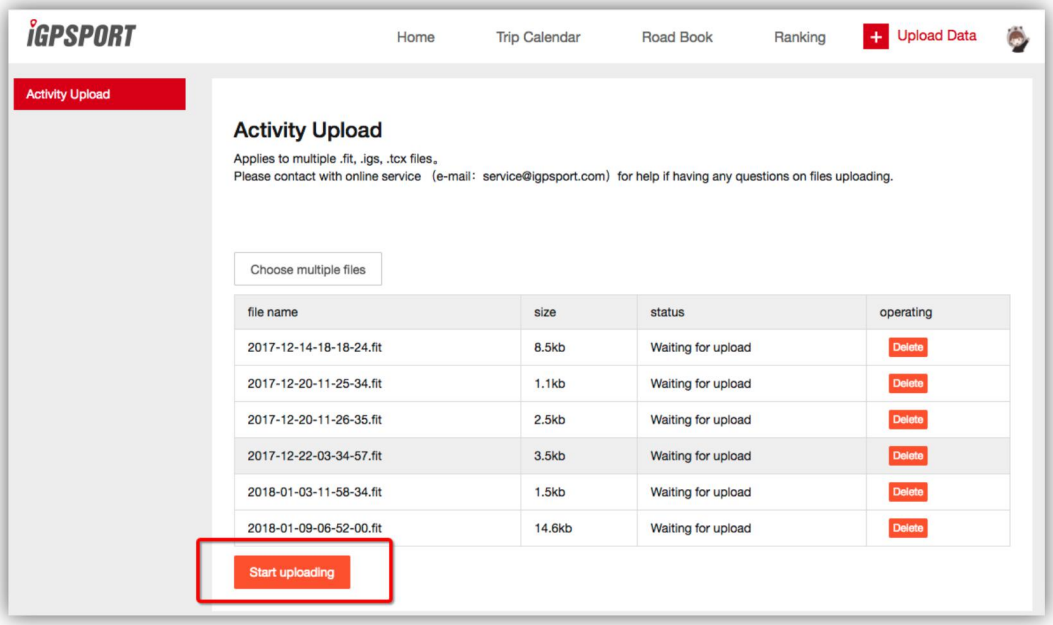
2) Connect iGS618 to your computer via USB cable.

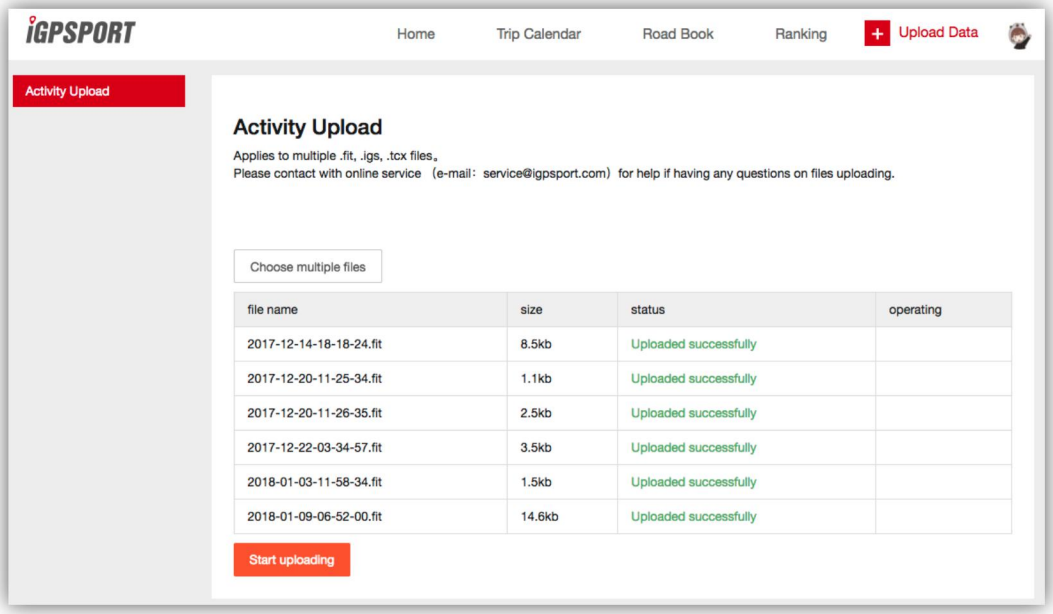
3) Select left button to enter connection mode, then battery icon will light up.

4) Computer will recognize iGS618 as a new disk, then copy the activity files in folder as below :\iGPSPORT\Activities***.fit to computer.

5) Login http://i.igpsport.com, select fit format files to upload.







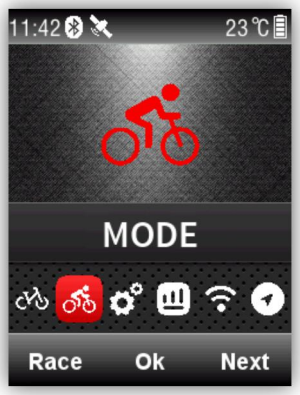
Advanced setting

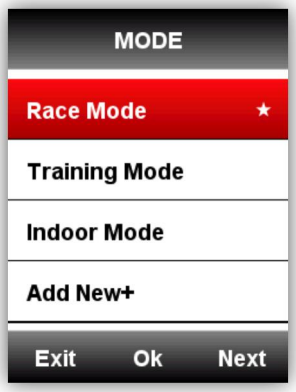
Customizing the data screens

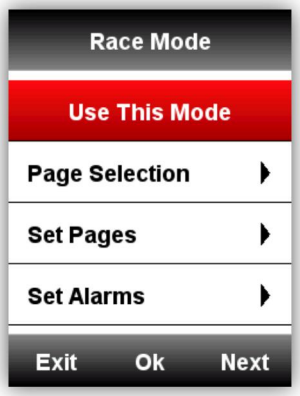
iGS618 support customized setting on data display pages, including page selection, display columns and data items.

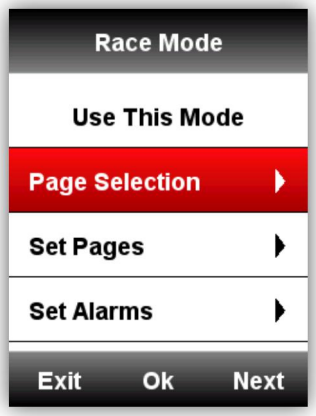
Page selection

Choose **MODE**, select from **Race Mode**, **Training mode** and **Indoor mode** (or the added new mode, ★ means the selected mode), select middle button to enter the setting, select middle button again to save the setting.



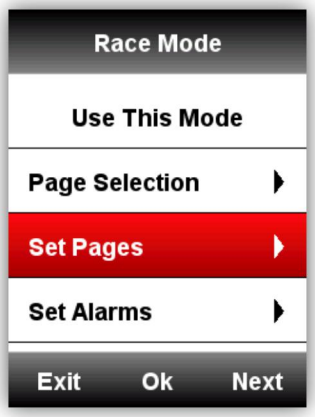


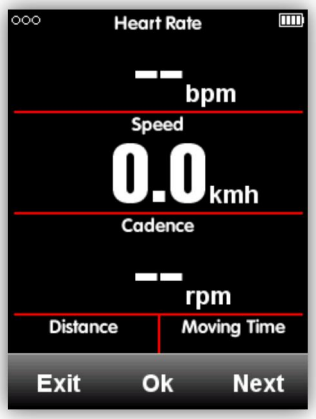


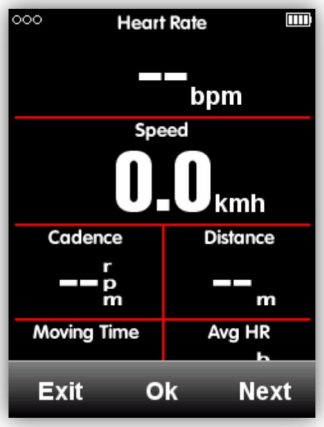


Set pages

Please set the pages as below, select middle button to enter in, select right button to shift from 1-10 columns, select middle button to confirm the setting.

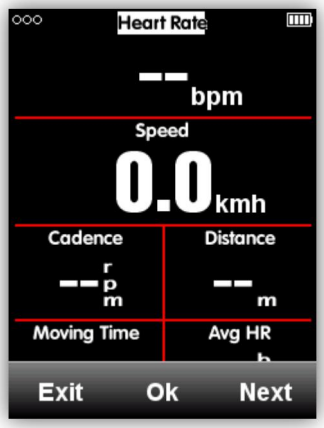


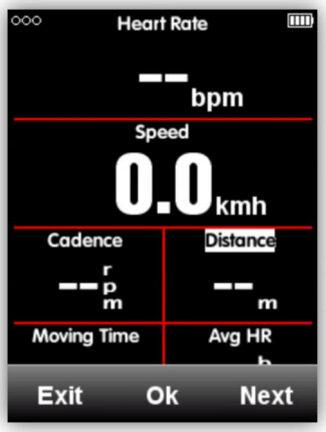




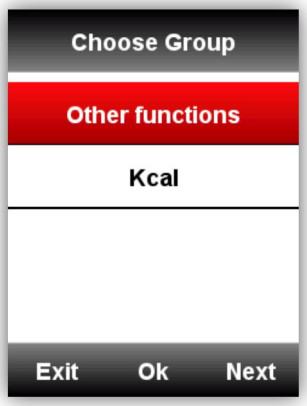
After set the data columns, select middle button to enter the data items setting.
Select right button to move into the selected column, then set up the data items.

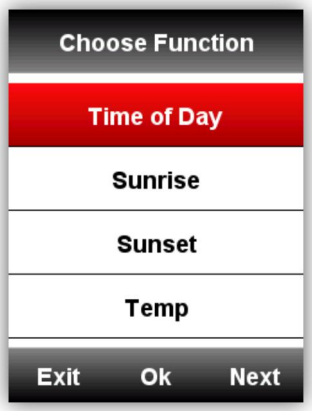
Below is the setting example for change the **Distance** into **Time of Day**:

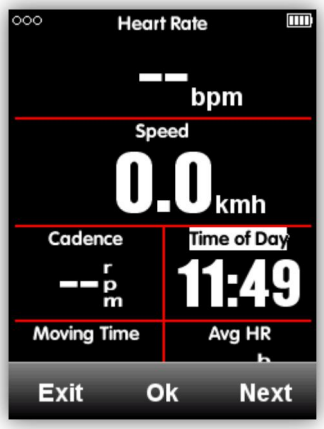


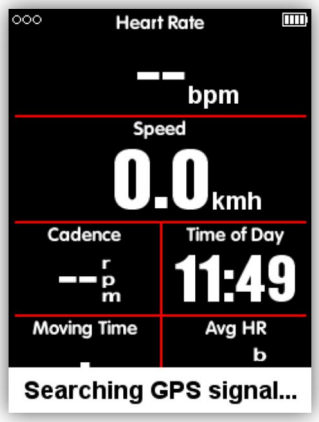


Select right button till the cursor blink on Distance column, select middle button to enter **Choose Group**, select **Other Functions**, select **Time of Day**, select left button to save and exit.









Data items supported for selection are as below:

Group	Data items
Speed functions	**Speed/Avg Speed Tot./Avg Speed Mov./Max Speed/Lap Speed /Pre Lap Spd /Max Lap Spd/Max Pre Lap Spd**
Cadence functions	**Cadence/Avg Cad/Max Cad/Lap Cad /Pre Lap Cad /Max Lap Cad/Max Pre Lap Cad / Cadence Zone**
HRM functions	**Heart Rate/Avg HR/Max HR/Lap HR/Max Lap HR/Pre Lap HR/Max Lap HR/Max Pre Lap HR/HR Zone/Heart Rate %/Avg HR%/ Max HR%/Lap HR%/Pre Lap HR%/Max Lap HR%/Max Pre Lap HR%**
Power functions	**Power/Avg Pwr/Max Pwr/Lap Pwr/Pre Lap Pwr/Max Lap Pwr/Max Pre Lap Pwr/Pwr Zone/Pwr3s/Pwr10s/Pwr30s/Pwr %FTP/Pwr IF/Pwr NP Avg/Pwr TSS/Pwr watts/kg/kilojoules/Pwr Left%//Pwr Right%/L.TQ.Effect/R.TQ.Effect/L. Ped.Smooth./R. Ped.Smooth.**
Distance functions	**Distance/Ascent Dist/Descent Dist/Lap Dist/Pre Lap Dist/Odometer/Destination Dist**

Altitude functions	**Altitude/Grade/VAM/ VAM 30s/Elevation(+)/Elevation(-)/Max Altitude/Min Altitude/ VAM+ Avg / VAM - Avg / VAM+ Max / VAM - Max/Avg Grade+/ Avg Grade - /Max Grade +/ Max Grade-/ Lap Elev +/ Pre Lap Elev + / Lap VAM+ / Pre Lap VAM+/Lap Grade +/ Pre Lap Grade +**
Time functions	**Tot. Time/ Moving Time/ Record Time/ Avg Lap/ Laps/ Lap Time/ Pre Lap Time**
Shifting functions	**Front Gear/ Rear Gear/ Gears/ Gear Batt./ Front Batt./ Rear Batt.**
Other functions	**Time of Day/Sunrise/Sunset/ Temperature/GPS(signals strength)/ Accuracy(GPS Accuracy)/Direction**
Kcal	**Kcal(Calories)**

Auto function

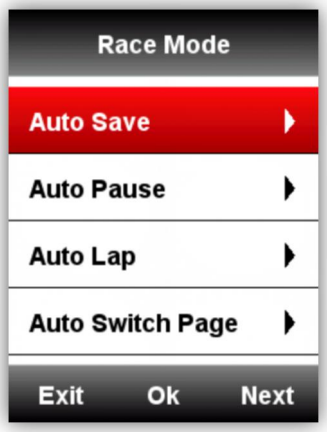
Set Auto functions under **MODE** menu

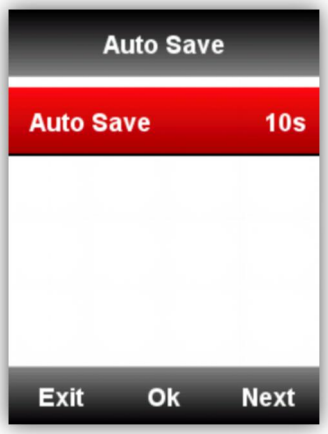
Auto Save

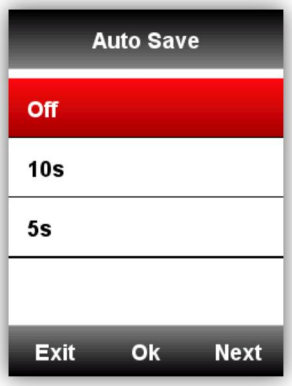
Please set auto save function as below:

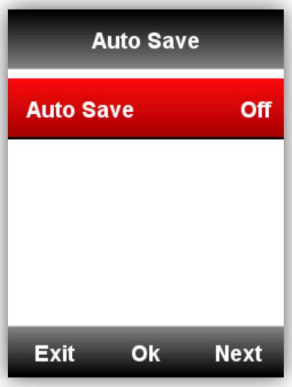
Enter **MODE**-select a riding mode(★ means the selected mode)-select **Auto Save**-select middle button to choose from off, 10s and 5s.

1. **Auto Save** Off means close the auto save function(you can select middle button under data display page to start record)
2. **Auto Save** 10s/5s means Auto Save function is on, and the count down time before auto recording is 10s/5s.







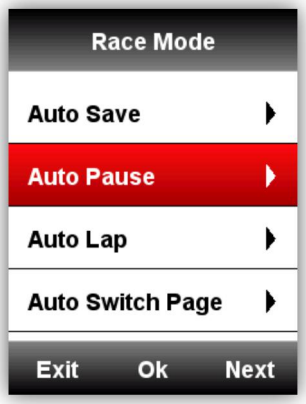


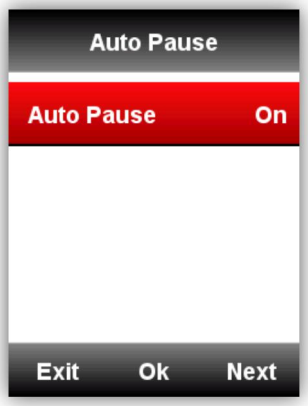
Note: when Auto Save function is on and GPS satellite signals are weak, iGS618 may start count down even device is in resting mode, using a speed sensor may help void this problem.

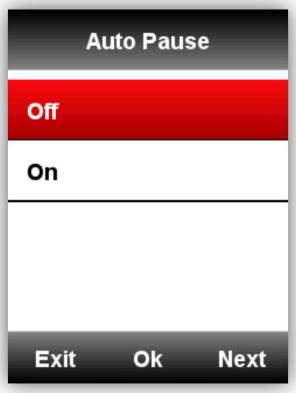
Auto Pause

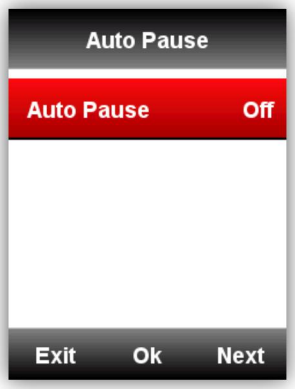
When iGS618 is on recording and the **Auto Pause** function is on, device will auto pause when you stop riding. If you want to use manually pause , please refer to **Manually Pause** function.

Select middle button to set **Auto Pause** function as below:



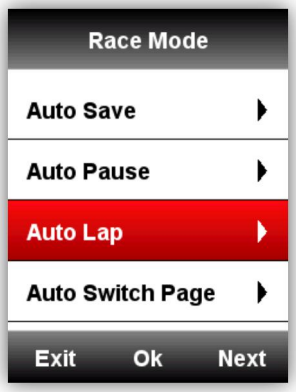


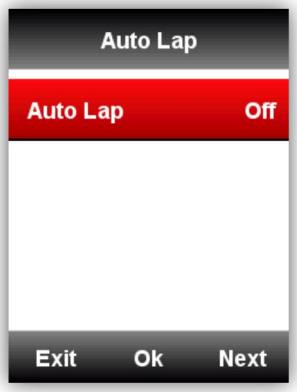




Auto Lap

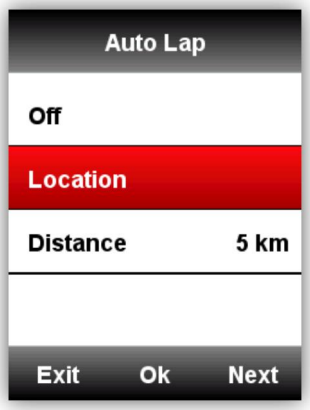
Under riding mode, you can choose **Auto Lap** function based on position or distance.

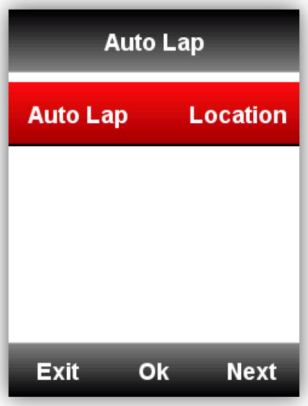




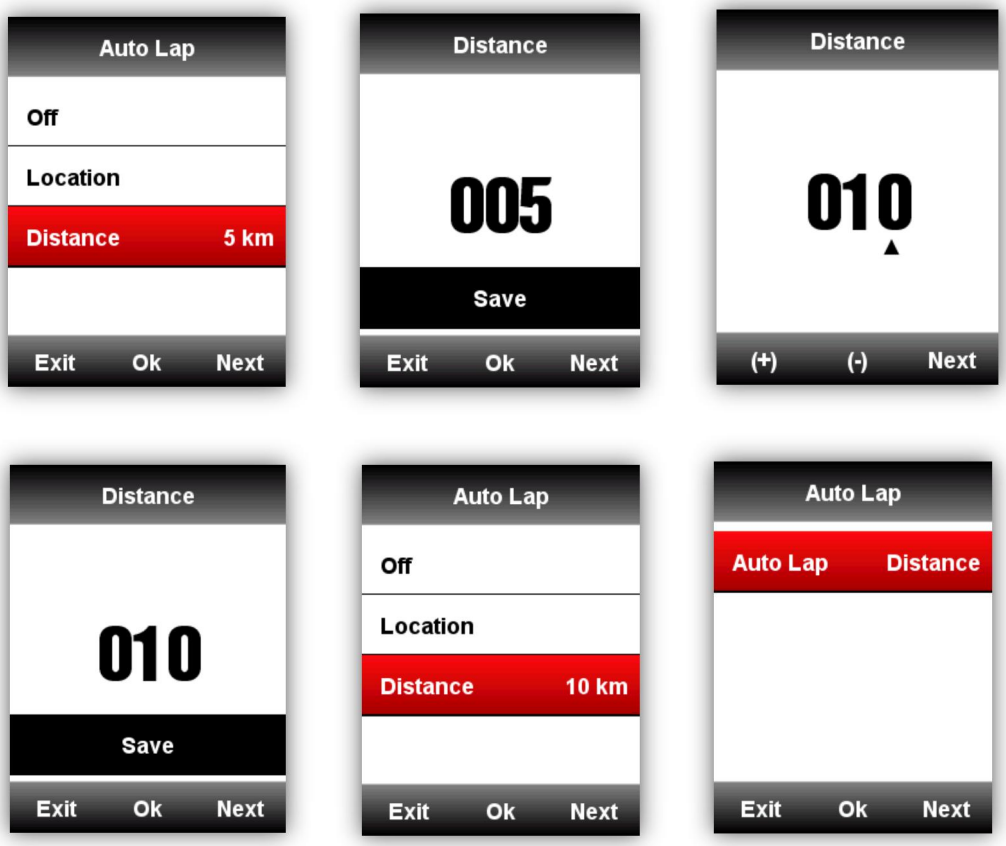
Auto Lap location:

Device will mark the lap by position(at a specific position) automatically.



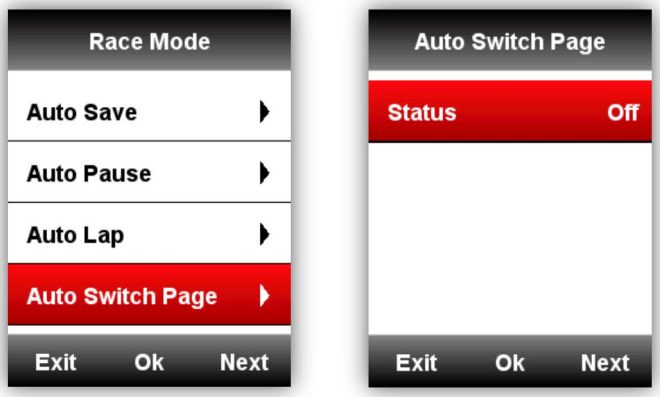


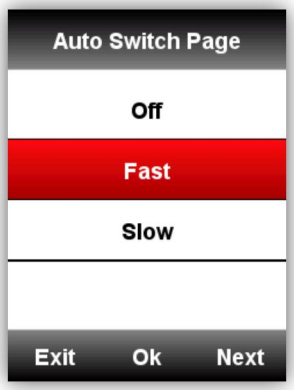
Auto Lap distance: device will mark the lap by distance(at a specific distance) automatically. Customize the distance as below:

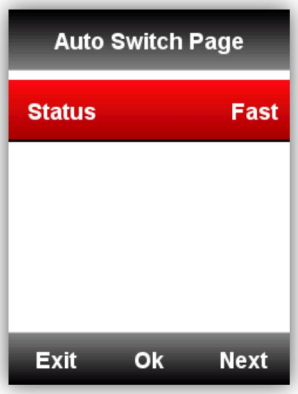


Auto Scroll Pages

You can use Auto Scroll Pages function to automatically cycle through all of the data display pages.

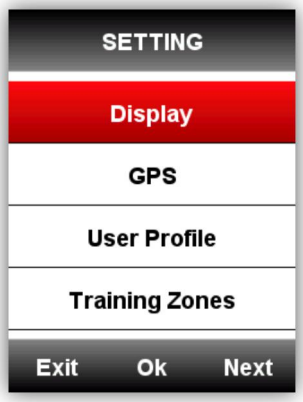


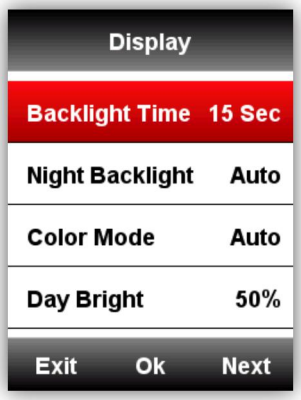


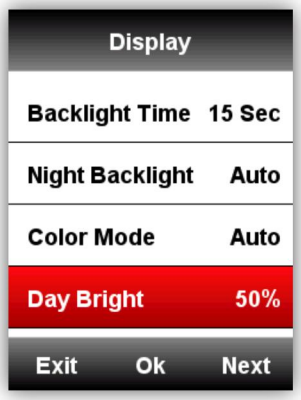


Display setting

Please set the **Backlight Time**, **Night Backlight**, **Color Mode** and **Day Bright** as below:



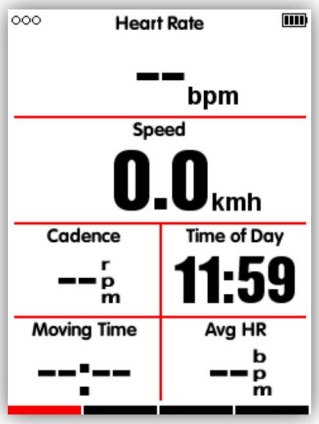




Color Mode

Set the device to display day(white screen with black font) or night(black screen with white font) colors. You can select the auto option to allow the device to set the day or night colors automatically based on the time of day.

SETTING-Display-Color Mode-Auto/Day /Night

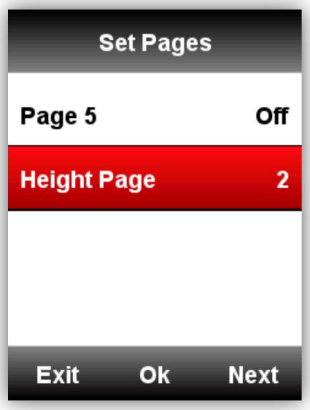


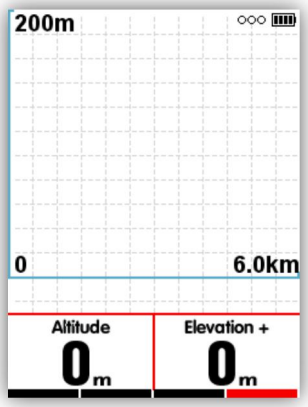
Note: you can only set the Day Bright for data display pages , the backlight of menu interfaces are default as 100% in day time.

Height page

When the height page is turned on, you can check the height of history routes in current lap.

The height page can be turned on/off under the ride mode, you can also set the display area and items in height page under the **MODE** menu-**Set Pages**.



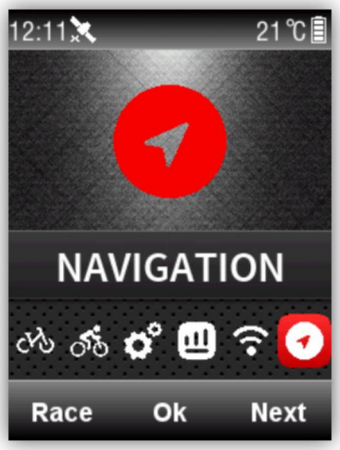


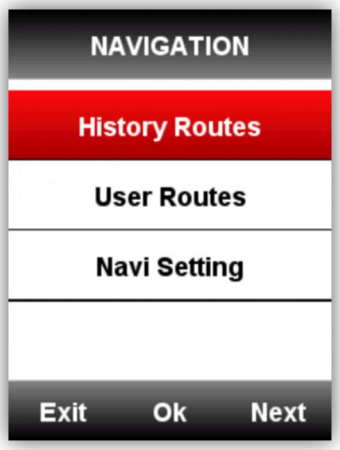
Navigation

Location

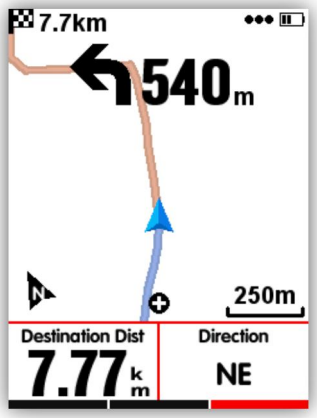
You can record and store the locations in the device.

Enter **NAVIGATION-History Routes** to open the activity list, select the wanted routes, device will show its GPS track, choose **Navigation** or **Return**, select middle button to enter the data display pages, select middle button to zoom in or zoom out.





Note: the activities under **MEMORY** menu can be also opened by navigation:
MEMORY-Saved Activity-Last Activity/All Activities/Historical-Map



Road map

iGS618 support road map in fit, gpx and tcx formats.

After confirm the plan routes, copy the road map file into iGPSPORT \ Navigation Folder by USB cable, power on iGS618, you can find the road map under **Navigation-User Routes**, open the file to start **Navigation** or **Return**.

Note: the length of the file name should be within 28 characters, or device cannot recognize it.

Navi Setting

Customize Data-On /Off

It will show 1-2 data items if choose on

Set Page

Set data items, same setting as the **Set page** under the **Race Mode** menu.

North-upward on/off

North-upward On: navigation displayed based on North-upward

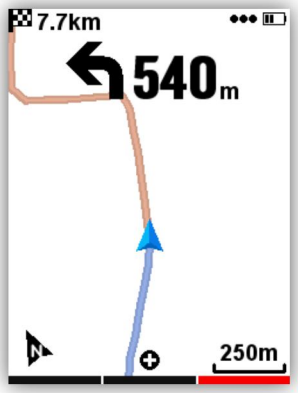
North-upward Off: navigation displayed based on Head-upward.

Turning indicator

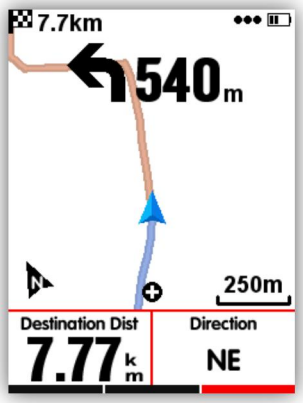
When **Turning indicator** On, device will indicate the turning direction and distance with arrow and sound when then turning point is within 1 kilometer.

Route Elevation

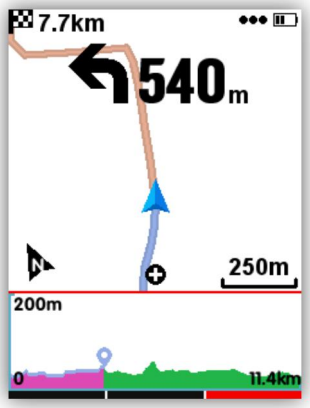
When **Route Elevation** On, you can view an elevation plot of the routes(based on there was valid height data exist in the route files)



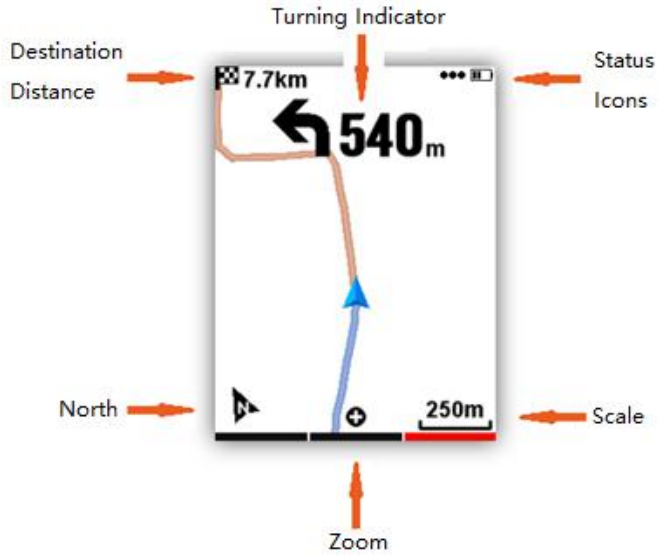
Custom Data Off



Custom Data On



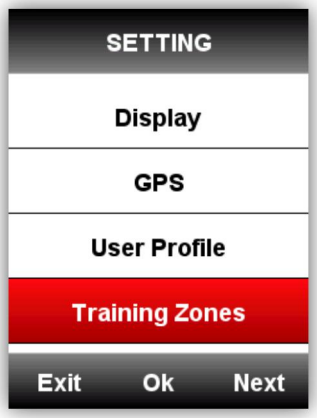
Route Elevation On

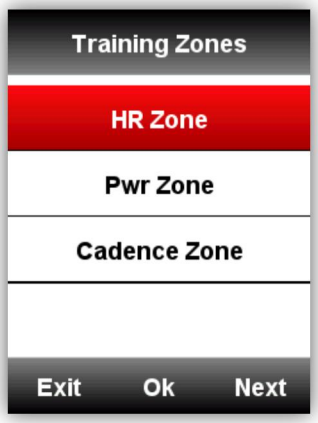


Training

Training Zones Setting

Take heat rate training zones setting for example:
Enter **SETTING-Training Zones-Hr Zone**



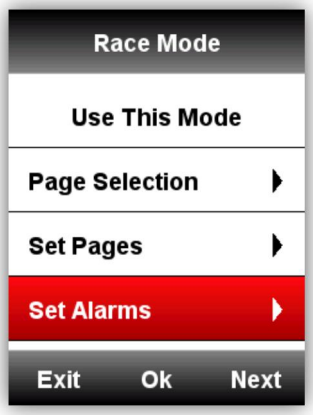


Enter your **Max HR**, the zone values will update automatically; and you can also edit each value manually.

The setting for **Power Zone** and **Cadence Zone** will be same as above.

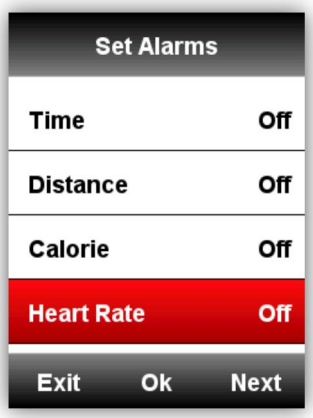
Set Alarms

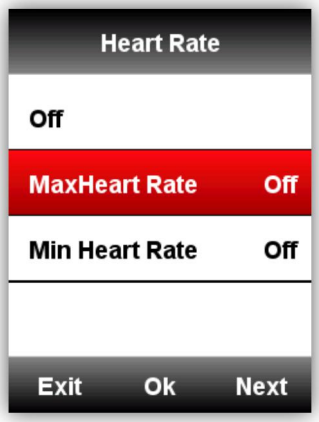
Select **MODE-Training Mode/Race Mode-Set Alarms** as below:

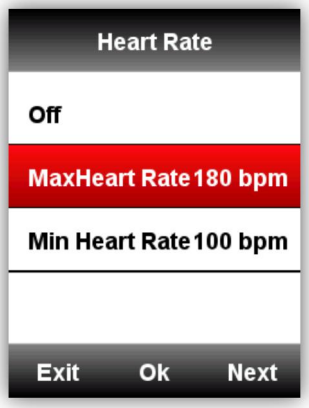


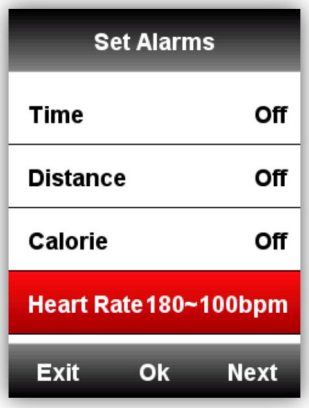
Take Heart Rate Alarms setting for example:

You can set the **Max** and **Min Heart Rate** and turn on the alarm, when the heart rate is above or below the specific range of values, device will alert and notify you with message and sound.







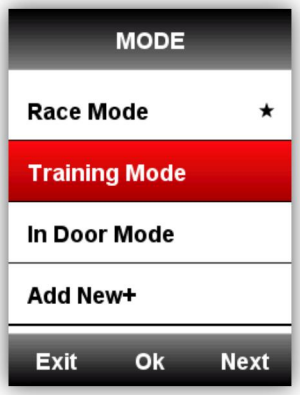


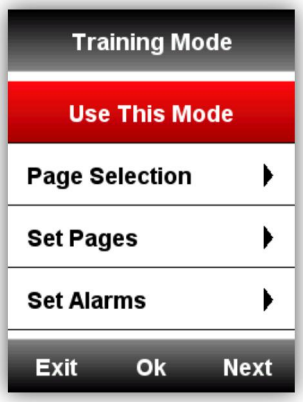
Same setting for set alarms for **Time**, **Distance**, **Calorie**, **Cadence** and **Power**.

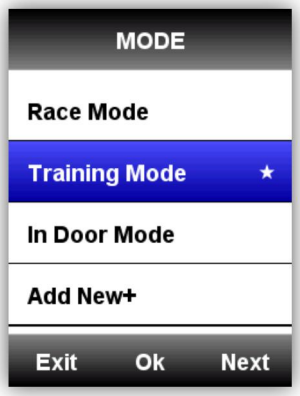
More Setting

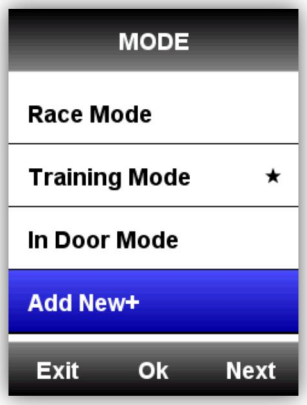
Riding Mode

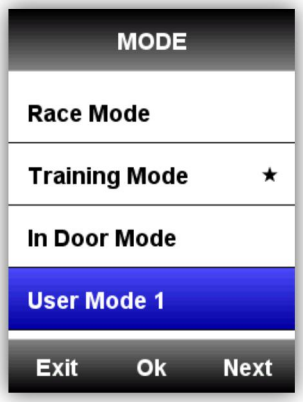
There are 3 default riding modes for selection: **Race Mode**, **Training Mode** and **Indoor Mode**. Select middle button to choose a mode(★ means the selected mode), You can also customize 5 more new modes by **Add New+**





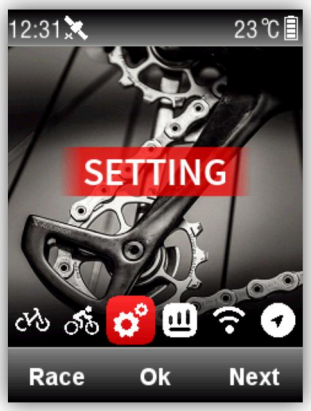






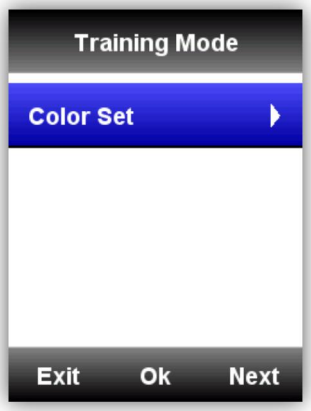
UI Setting

There are 2 UI modes for selection: **Simple** and **Sophisticated**
Enter **SETTING- Display- UI Style**

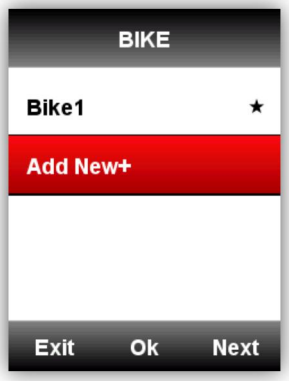


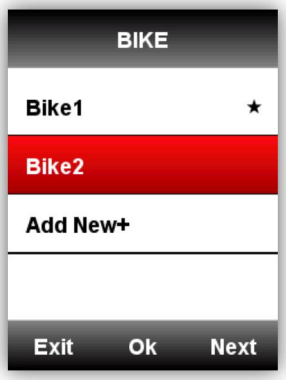
Color Setting

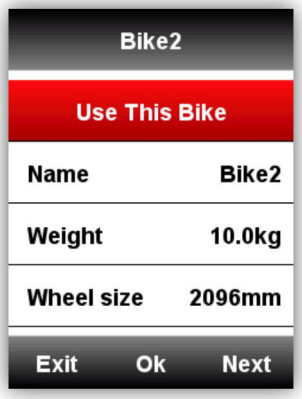
You can customize the color for each mode for distinguish easily.
MODE-Race/Training/Indoor Mode-Color Set



Add New Bikes







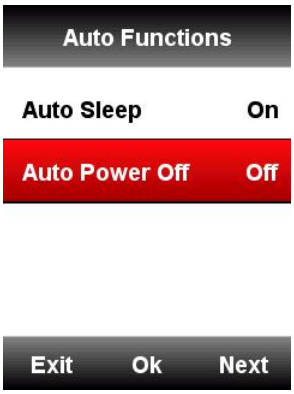
There are two default bikes: **Bike 1/2**, and iGS618 support adding 3 bikes more(★ means the selected Bike), when connecting with ANT+ sensors, the sensors' ID will connect with selected bike automatically, and if shift into a new bike, sensors will connect with the new bike automatically.

Power Saving

Auto Functions

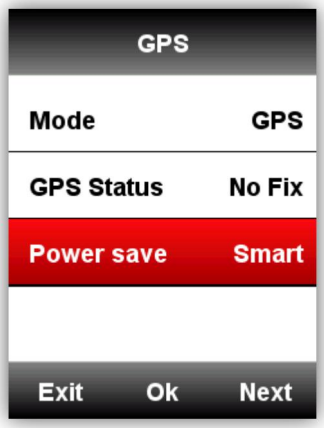
Enter **SETTING-Auto Functions**
Auto Sleep On: device will automatically enter sleep mode after 5 minutes of inactivity. During the sleep mode, the screen is turned off and the ANT+ sensors, Bluetooth, and GPS are disconnected, device will be wake up by moving.

Auto Power Off: device will automatically power off after 5 minutes of inactivity.



GPS Power Saving Mode

Enter **SETTING -GPS –Power Save**
Power Save Smart means device will shift from on or off automatically based on the reality of usage.

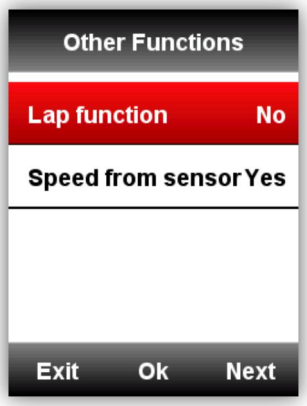


It is suggested to set GPS as **Power Save On/Smart** to lengthen the battery working time.
Note: GPS speed and accuracy may fluctuate lightly under **GPS Power Save On** mode.

Other Functions

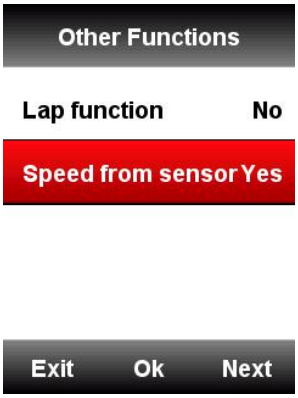
Manually Pause

Enter **SETTING-Other Functions-Lap function-Yes** to set Manually Pause.
Under data display pages while recording, select middle button to pause or continue the recording.



Speed from sensor

Enter **SETTING-Other Functions-Speed from sensor**, select Yes, device will get the speed data from Speed sensor prior. (choose **YES** only when you already using the speed sensor already); select **No**, device will get the speed data from GPS.



Other setting

For more customized settings, you will find them during your usage.

Battery charging

1) Please use DC 5V power adapter for charging, it takes about 3 hours for full charging.

2) iGS618 support charging during working.(first power on, then charge)

3) Do not overstretch the USB plug for keeping waterproof and dust-proof.

iGPSPORT App Download

Scan below QR code(or search in Google play / Apple store) to download iGPSPORT App

Android

iOS

Android Smart Phone

Requirements: Android 5.0 or above, built-in Bluetooth 4.0

Download "iGPSPORT" App in Google Play App Store.

iPhone:

Requirements: iPhone 5s and iOS 9.0 or above (incompatible with iPad).

Download"iGPSPORT" App in Apple App Store.

Product Specifications

GPS: High sensitive GPS+Beidou+Glonass
Screen：2.2 inch anti-glare LED colour screen, 240*320 pixels
Working temperature: -10° ~50°C (14º to 122ºF)
Weight:: About 90g
Physical dimension: 85*53.5*18.8mm
Waterproof: IPX7
Memory: About 3000 hours' data storage (typical usage)
Data format: fit
Data display: 1-10 cycling data columns can be customized in single page & 1-6 pages can be customized & More than 80 cycling data for selection
Battery: Rechargeable, built-in lithium-ion battery
Battery life: About 22 hours (typical usage)

ANT+: Support ANT+ Heart Rate Monitor, Speed Sensor, Cadence Sensor, Cadence and Speed Combined Sensor , Power Meter.
Interface: Micro USB
Wireless transmission: Bluetooth 4.0
support connecting with iGPSPORT App in smart phone via BLE;
do not support connecting to Bluetooth sensors
Package include: iGS618 X1, Micro USB Cable X1, Standard Bike Mount X2,
Mount Pad X2，O-Ring Band X4，User Manualx1
Optional accessories : Out Front Bike Mount, Heart Rate Monitor, Speed Sensor, Cadence Sensor, Cadence and Speed Combined Sensor, Power Meter.

Contact us

Official website:www.igpsport.com

Manufacturer: Wuhan Qiwu Technology Co., Ltd

ADD: Hongshan District,Wuhan City,Hubei Province, China.

Tel:（86）27-87835568

Email: info@igpsport.com,

service@igpsport.com

Declaration :

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