

# USER MANUAL

IGSS50S GPS CYCLING COMPUTER

www.igpsport.com



WUHAN QIWU TECHNOLOGY CO., LTD.

## 1. BUTTON FUNCTIONALITY



<b>Power on</b>	Press left button
<b>Record/Pause</b>	Press left button to Record or Pause
<b>Switch display</b>	Press right button to switch data pages
<b>LAP</b>	Press middle button to mark a new lap
<b>Save activity</b>	Hold middle button more than 2 seconds to save activity while recording
<b>Power off</b>	Hold left button more than 2 seconds
<b>Forced shutdown</b>	Hold left button more than 10 seconds
<b>Setting mode</b>	Hold right button more than 2 seconds

## 2. STATUS ICONS

	Satellite signals
	Speed sensor
	Bluetooth
	Recording
	Pause
	Battery
	Speed arrow ( The speed is greater or less than the average speed. )

## 3. Display



Page1



Page2

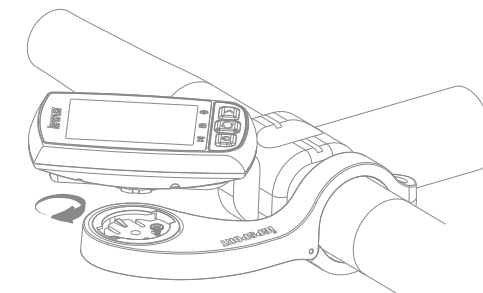
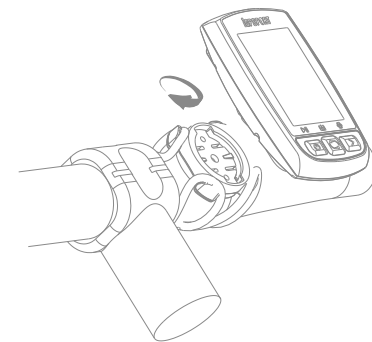
Page	
<b>Page1</b>	Speed, Gradient, Timer, Distance, Heart Rate, Cadence (when sensors connected).
<b>Page2</b>	Average Speed, Average Gradient, Total Ascant, Altitude, Average Heart Rate, Average Cadence (when sensors connected).
<b>Page3</b>	Max Speed, Max Gradient, Calorie, Odometer, Max Heart Rate, Max Cadence (when sensors connected).
<b>Others</b>	Time of Day, Temperature, Lap.



Page3

## 4. INSTALLATION OF BIKE MOUNT

Use the included zip ties to attach to bike stem.



## 5. PAIRING YOUR SMARTPHONE (SETTING MODE E1)



Pair your smart phone for the first time.

- 1)Download IGSPORT APP.
- 2)Turn on the Bluetooth of the smart phone and pair Bluetooth with the device in IGSPORT APP
- 3)IGSS50S's Bluetooth icon lights up means it is connected and paired.

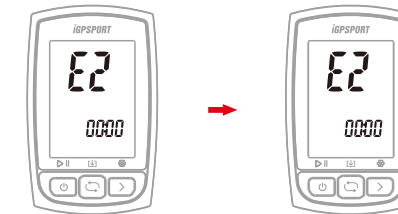
Pair your smart phone for the next time.

- 1)Hold right button more than 2 seconds to enter the setting mode.
- 2)Press right button to scroll setting mode from E1 to E5.
- 3)Press left button to enter E1 mode when E1 flashing.
- 4)Press right button to unpair phone, the device will restart.
- 5)Bluetooth icon flashes means it is searching.
- 6)Pair Bluetooth with the device in IGSPORT APP

**Note:**

- 1)After the phone is paired successfully, the device and the phone will automatically connect with Bluetooth.
- 2)You can set the time zone, wheel size, metric and imperial units in IGSPORT APP.

## 6. SETTING TIME ZONE (SETTING MODE E2)



- 1)In the setting mode, press right button to scroll from E1 to E5.
- 2)Press left button to enter E2 mode when E2 flashing.
- 3)Press left button to change digits of hour and minute, press right button to change value.
- 4)Hold right button more than 2 seconds to save and exit.

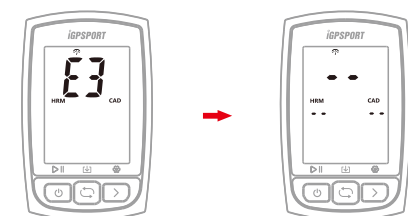
**Note:**

Default time zone: UTC:GMT+00:00(Please set the local time zone).  
The setting will be automatically saved if no operation in 10 seconds.

## 7. SEARCHING AND CONNECTING SENSORS (SETTING MODE E3)

IGSS50S can be connected with ANT+ and Bluetooth sensor including: heart rate monitor, cadence sensor, speed sensor, cadence and speed combined sensor.

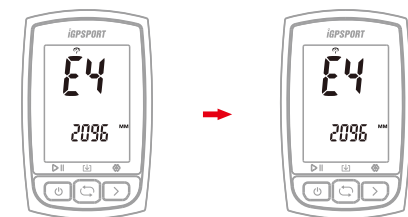
- 1) Wake up sensors near the device.
- 2) Enter E3 in setting mode, the device will automatically search for sensors.
- 3) When sensors are connected, the icons will light up.
- 4) Device will exit searching sensors mode in 20 seconds.



**Note:**

- 1) Device will automatically connect the sensors that have been connected.
- 2) It is required to search the sensor again after battery is replaced.

## 8. SETTING THE WHEEL CIRCUMFERENCE (SETTING MODE E4)



Please set the wheel circumference if you use a speed sensor.

Default wheel circumference: 2086mm

- 1)Enter E4 in setting mode.
- 2)Press left button to change numerical digits, press right button to change numerical value.
- 3) Hold right button more than 2 seconds to save and exit.

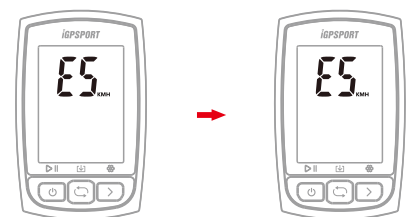
Common wheel size and circumference:

Wheel Size	L (mm)
12 × 1.75	935
14 × 1.5	1020
14 × 1.75	1055
16 × 1.5	1185
16 × 1.75	1195
18 × 1.5	1340
18 × 1.75	1350
20 × 1.75	1515
20 × 1-3/8	1615
22 × 1-3/8	1770
22 × 1-1/2	1785
24 × 1	1753
24 × 3/4 Tubular	1785
24 × 1-1/8	1795
24 × 1-1/4	1905
24 × 1.75	1890
24 × 2.00	1925
24 × 2.125	1965
26 × 7/8	1920
26 × 1(59)	1913

Wheel Size	L (mm)
26 × 1(65)	1952
26 × 1.25	1953
26 × 1-1/8	1970
26 × 1-3/8	2068
26 × 1-1/2	2100
26 × 1.40	2005
26 × 1.50	2010
26 × 1.75	2023
26 × 1.95	2050
26 × 2.00	2055
26 × 2.10	2068
26 × 2.125	2070
26 × 2.35	2083
26 × 3.00	2170
27 × 1	2145
27 × 1-1/8	2155
27 × 1-1/4	2161
27 × 1-3/8	2169
29 × 2.1	2288
29 × 2.2	2298
29 × 2.3	2326
650 × 35A	2090
650 × 38A	2125
650 × 38B	2105
700 × 18C	2070

Wheel Size	L (mm)
700 × 19C	2080
700 × 20C	2086
700 × 23C	2096
700 × 25C	2105
700 × 28C	2136
700 × 30C	2170
700 × 32C	2155
700C Tubular	2130
700 × 35C	2168
700 × 38C	2180
700 × 40C	2200

## 8. SETTING METRIC AND IMPERIAL UNITS (SETTING MODE E5)



Default unit: metric (kilometer)

- 1)Enter E5 in setting mode.
- 2)Press right button to switch metric (kilometer) and imperial (mile) unit.
- 3)Hold right button more than 2 seconds to save and exit.

## 10. ACQUIRING SATELLITE SIGNALS AND TIME SETTING

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

It usually takes 5 to 120 seconds to locate the satellite signal.

Remain stationary when acquiring satellite signals.

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

## 11. SMART BACKLIGHT

Backlight turns on before sunset and turns off after sunrise automatically.

When backlight is off, press any button to turn on backlight for 30 seconds.

## 12. BATTERY

<b>Battery type</b>	Rechargeable, built-in lithium-ion battery
<b>Battery life</b>	About 40 hours, typical usage
<b>Operating temperature range</b>	From -10°C to 50°C (14°F to 122 °F)
<b>Charging temperature range</b>	From 0°C to 45°C (32°F to 113 °F )
<b>Input</b>	DC5V, 500mA
<b>Charging time</b>	2 Hours

**Note:**

- 1) Please use DC 5V power adaptor for charging.
- 2) As the temperature drops, the battery life will decrease.
- 3) IGSS50S supports charging during use.
- 4) Do not overstretch the USB plug for keeping waterproof and dustproof.

## 13. FACTORY RESET

- 1) Power off the device.
- 2) Connect the device to a power adaptor or computer by USB cable.
- 3) Hold left and right button at the same time more than 2 seconds until "FA" displays on the screen.
- 4) Disconnect the device to power adaptor.

**Note:**

Factory reset will reset configuration, unpair Bluetooth, clear out all data and odometer, please backup activity files before factory reset.

## 14. SPECIFICATIONS

<b>Location</b>	GPS, BeiDou
<b>Screen</b>	2.2 inch
<b>Weight</b>	About 80g
<b>Physical dimension</b>	85.8x53.8x22mm
<b>Waterproof</b>	IPX7
<b>Memory</b>	About 400 hours
<b>Interface</b>	Micro USB
<b>Wireless transmission</b>	Bluetooth 5.0 Support connecting to smart phone and sensor.

## 15. STANDARD PACKAGE

- IGSS50S x1
- Micro USB Cable x1
- User Manual x1
- Standard Bike Mount x1

## 16. CONTACT US

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