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## iGPSPORT BSC200

# iGPSPORT BSC200 GPS Bike Computer User Manual

Model: BSC200

## 1. INTRODUCTION

The iGPSPORT BSC200 is a high-performance GPS bike computer designed to provide cyclists with accurate navigation, comprehensive data tracking, and extended battery life. This manual provides detailed instructions for setting up, operating, and maintaining your device to ensure optimal performance and longevity.

## 2. KEY FEATURES

- Advanced Satellite Positioning:** Supports GPS, Galileo, GLONASS, Beidou, and QZSS for sensitive and precise real-time satellite positioning.
- Extended Battery Life:** Features an energy-saving display providing up to 30 hours of navigation on a full charge.
- Durable and Waterproof Design:** Fully laminated and IPX7 waterproof, ensuring reliability in various weather conditions.
- Clear Display and Navigation:** Equipped with a 2.5-inch energy-saving screen, arrow navigation, anti-fog capabilities, and a backlight for clear data visibility.
- Versatile Connectivity:** Utilizes ANT+ and BLE5.0 technology for connection to multiple sensors (speed, cadence, heart rate, power meter, radar) and USB for data transfer to a computer.
- iGPSPORT App Integration:** Supports the iGPSPORT app for route planning and importing TCX, GPX, and CNX files from third-party devices.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- iGPSPORT BSC200 Bike Computer
- Reinforced Film
- USB Type-C Cable
- Standard Bike Mount
- Lanyard

## 4. DEVICE OVERVIEW



Figure 4.1: Front view of the iGPSPORT BSC200 displaying navigation and data fields.

The iGPSPORT BSC200 features a clear 2.5-inch LCD screen, intuitive button controls, and a robust design suitable for various cycling environments. The device provides real-time data such as speed, heading, distance, and navigation cues.

## 5. SETUP GUIDE

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### 5.1 Initial Charging

Before first use, fully charge the device using the provided USB Type-C cable. Connect the cable to the device's charging port and a standard USB power adapter (not included) or a computer USB port. The charging indicator will show progress.

### 5.2 Mounting the Device

Attach the standard bike mount to your bicycle's handlebar or stem using the provided straps or O-rings. Securely twist the BSC200 onto the mount until it clicks into place.

### 5.3 Power On/Off

To power on, press and hold the power button until the screen illuminates. To power off, press and hold the power button until the shutdown prompt appears, then confirm.

### 5.4 Pairing Sensors (ANT+ & BLE5.0)

The BSC200 supports ANT+ and BLE5.0 for connecting external sensors such as speed sensors, cadence sensors, heart rate monitors, power meters, and radar. Navigate to the sensor pairing menu on the device, activate the sensor, and select it from the list to pair.

# Compatibilité étendue des appareils

Compatible avec 99% des appareils du marché



speed  
sensor



cadence  
sensor



chest heart  
rate monitor



arm heart



smart  
watch



band



ios



android



laptop

Figure 5.4.1: The BSC200 is compatible with a wide range of ANT+ and Bluetooth sensors and smart devices.

## 5.5 Connecting to iGPSPORT App

Download the iGPSPORT app from your smartphone's app store. Open the app, create an account, and follow the on-screen instructions to connect your BSC200 via Bluetooth. This allows for data synchronization, route planning, and device settings management.

## 6. OPERATING INSTRUCTIONS

## 6.1 GPS Signal Acquisition

Upon powering on, the device will automatically search for satellite signals. For best results, ensure you are in an open area with a clear view of the sky. The device supports multiple satellite systems for faster and more accurate positioning.



Figure 6.1.1: The BSC200 utilizes five global satellite navigation systems for enhanced accuracy.

## 6.2 Data Display and Customization

The BSC200 can display various cycling data metrics. You can customize the data fields shown on different screens through the device settings or the iGPSPORT app. Data includes speed, heart rate, distance, time, altitude, gradient, power, and more.

# Multiples présentations de données



Figure 6.2.1: Examples of multiple data presentations available on the BSC200 screen.

## 6.3 Navigation Features

The device supports arrow navigation. Routes can be planned and imported via the iGPSPORT app using TCX, GPX, or CNX files. The screen will display turn-by-turn directions and a breadcrumb trail to guide you along your chosen path.



Figure 6.3.1: The BSC200 provides clear route navigation with directional arrows.

## 6.4 Recording Rides

To start recording a ride, ensure GPS signal is acquired and press the start button. The device will begin logging your ride data.

Press the stop button to pause or end the ride. Recorded data can be synced to the iGPSPORT app for analysis.

## 7. MAINTENANCE

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### 7.1 Cleaning the Device

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charging port cover is securely closed to maintain water resistance.

# EFFET ÉTANCHE IPX7



Figure 7.1.1: The BSC200 is IPX7 waterproof, allowing for use in rainy conditions.

## 7.2 Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Charge the device regularly, even if not in frequent use, to prevent deep discharge.

## 7.3 Storage

Store the device in a cool, dry place away from direct sunlight when not in use for extended periods.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; device frozen	Charge the device for at least 30 minutes. Perform a hard reset by holding the power button for 10-15 seconds.
No GPS signal	Obstructed view of sky; device indoors	Move to an open outdoor area. Wait a few minutes for signal acquisition. Ensure firmware is up to date.
Sensors not connecting	Sensor battery low; sensor out of range; incorrect pairing mode	Check sensor battery. Ensure sensor is within range (a few meters). Re-initiate pairing process on both devices.
Data not syncing to app	Bluetooth off; app not open; device not paired	Ensure Bluetooth is enabled on your phone and device. Open the iGPSPORT app. Confirm the device is paired in the app.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	BSC200
Color	Black
Dimensions (L x W x H)	82 x 53 x 14.5 mm (3.23 x 2.09 x 0.57 inches)
Weight	67 Grams (2.36 ounces)
Screen Size	2.5 Inches
Display Type	LCD
Battery Life	Up to 30 hours
Battery Type	Lithium-ion (1 included)
Water Resistance	IPX7
Connectivity	Bluetooth (BLE5.0), ANT+, USB Type-C
Satellite Systems	GPS, Galileo, GLONASS, Beidou, QZSS
Main Material	Plastic

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official iGPSPORT website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

## Related Documents - BSC200

 <p><b>UŽIVATELSKÁ PŘÍRUČKA</b> BSC200S GPS CYCLING COMPUTER <a href="http://www.igpsport.com">www.igpsport.com</a> WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><b><a href="#">iGPSPORT BSC200S GPS Cycling Computer User Manual</a></b></p> <p>This user manual provides comprehensive instructions for the iGPSPORT BSC200S GPS cycling computer, covering setup, operation, features, and maintenance. Learn how to install the device, pair it with your smartphone, navigate routes, track rides, and utilize smart notifications.</p>
 <p><b>USER MANUAL</b> iGS630 GPS BIKE COMPUTER <a href="http://www.igpsport.com">www.igpsport.com</a> WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><b><a href="#">iGS630 GPS Bike Computer User Manual</a></b></p> <p>Comprehensive user manual for the iGS630 GPS Bike Computer, covering setup, features, riding modes, data analysis, and app integration. Learn how to maximize your cycling experience with this device.</p>
 <p><b>User Manual</b> iGS800 GPS BIKE COMPUTER <a href="http://www.igpsport.com">www.igpsport.com</a> WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><b><a href="#">iGS800 GPS Bike Computer User Manual</a></b></p> <p>Comprehensive user manual for the iGS800 GPS Bike Computer, covering product introduction, button functions, icon descriptions, charging, pairing, firmware updates, installation, riding modes, navigation, training features, data analysis, settings, and more.</p>
 <p><b>ユーザー マニュアル</b> iGS800 GPS CYCLE COMPUTER <a href="http://www.igpsport.com">www.igpsport.com</a> WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><b><a href="#">iGS800 GPS Cycle Computer User Manual</a></b></p> <p>This user manual provides comprehensive instructions for the iGS800 GPS cycle computer from iGPSPORT. Learn about device setup, button functions, charging, smartphone pairing, firmware updates, cycling modes, navigation features, training analysis, sensor integration, settings, and using the iGPSPORT app. Includes detailed explanations of features like segments, history tracking, weather notifications, and power management.</p>



### [iGPSPORT BSC200S Smart GPS Bike Computer User Manual](#)

Comprehensive user manual for the iGPSPORT BSC200S Smart GPS Bike Computer, covering setup, features, riding modes, navigation, training, and settings.



### [iGS630 GPS Bike Computer User Manual](#)

Comprehensive user manual for the iGS630 GPS Bike Computer, detailing setup, features, riding modes, data analysis, and app integration. Learn how to maximize your cycling experience with this device.