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iGPSPORT BSC100S

iGPSPORT BSC100S GPS Cycle Computer User Manual

Model: BSC100S

1. Introduction

The iGPSPORT BSC100S is a GPS cycle computer designed for cyclists seeking comprehensive features at an accessible price. This device accurately displays and records various cycling data in real-time. It also allows seamless synchronization with the iGPSPORT app for detailed activity analysis and sharing with popular platforms.

2. What's in the Box

- BSC100S Main Unit
- Standard Bike Mount
- User Manual (this document)
- Type-C USB Charging Cable

3. Product Overview

The BSC100S features a clear 2.6-inch display and two intuitive buttons for navigation. It supports a wide range of data metrics and smart functions to enhance your cycling experience.



Image: Front, side, and rear views of the iGPSPORT BSC100S GPS Cycle Computer, highlighting its compact design and key features such as Full GNSS, ANT+ Sensor support, Bluetooth 5.0, IPX7 Waterproofing, 2.6-inch Screen, 40 hours Battery Life, Auto Backlight, Power Meter compatibility, Strava integration, and Custom Data display.

3.1 Key Features

- **Basic Functions:** Displays Temperature, Calories, Altitude, Laps. Allows settings via app. Features 4 customizable pages, each displaying up to 6 data items.
- **Smart Functions:** Automatic Backlight adjustment, Auto Pause for breaks, Auto Sleep to conserve battery, Auto Lap for segment tracking, Automatic Return to Homepage, and Warning Function for alerts.
- **Advanced Functions:** Data synchronization with the iGPSPORT app, Notification display, Route Tracking, and customizable Data Fields.



Image: The 2.6-inch large screen of the iGPSPORT BSC100S displaying various cycling metrics like power, speed, cadence, heart rate, and altitude. The display is clear and easy to read.

4. Setup

4.1 Mounting the Device

1. Attach the standard bike mount securely to your bicycle's handlebars or stem using the provided straps.
2. Align the BSC100S unit with the mount and twist it clockwise until it locks into place.

4.2 Initial Power-On and Settings

1. Press and hold the right button to power on the device.
2. Follow the on-screen prompts to select your preferred language and initial settings.

4.3 App Connection

1. Download the iGPSPORT app from your smartphone's app store.

2. Enable Bluetooth on your smartphone.
3. Open the iGPSPORT app and follow the instructions to pair your BSC100S with the app. This enables advanced settings configuration and data synchronization.

5. Operating the Device

5.1 Button Functions

- **Left Button:** Short press for page navigation (e.g., scroll down), long press for menu access or confirmation.
- **Right Button:** Short press for page navigation (e.g., scroll up), long press to start/stop recording or cancel.

5.2 Starting a Ride

1. Ensure the device is powered on and has acquired a GPS signal (indicated by the GPS icon).
2. Press and hold the right button to begin recording your ride. The timer will start.

5.3 Data Display and Navigation

The 2.6-inch display can show up to 6 data items per page. Short press the left or right button to navigate through the 4 available data pages. You can customize the data fields displayed on each page via the iGPSPORT app.

5.4 Sensor Pairing

The BSC100S supports external sensors via BLE5.0 and ANT+ for enhanced data collection.

1. Access the device settings menu (typically by long-pressing the left button).
2. Navigate to "Sensor Pairing" or a similar option.
3. Ensure your external sensors (Speed, Cadence, Heart Rate Monitor, Power Meter) are active and within close proximity to the BSC100S.
4. Select the type of sensor you wish to pair and follow the on-screen instructions.



Image: A cyclist using the iGPSPORT BSC100S, with overlaid data points indicating Heart Rate (HRM), Speed (SPD), Cadence (CAD), and Power (PWR), demonstrating the device's compatibility with various external sensors.

5.5 Data Synchronization and Sharing

After completing a ride, your activity data can be automatically synchronized with the iGPSPORT app on your smartphone. From the app, you can analyze your performance, track your progress, and share your rides with popular cycling platforms.



Image: The iGPSPORT app interface displaying options to easily share cycling data to various social media and fitness platforms, including WhatsApp, Strava, Facebook, Twitter, Instagram, and LinkedIn.

6. Maintenance

6.1 Charging the Device

The BSC100S is equipped with a 600mAh battery, providing approximately 40 hours of battery life. Charge the device using the provided Type-C USB cable. Connect the cable to the Type-C port on the device and a standard USB power source.



Image: The iGPSPORT BSC100S device with a large '40h' graphic, emphasizing its 40-hour battery life and the convenience of its Type-C USB charging port.

6.2 Cleaning and Care

- Wipe the device with a soft, damp cloth to remove dirt and sweat.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the device's finish and internal components.
- Ensure the Type-C port cover is securely closed to maintain water resistance.

6.3 Waterproofing

The BSC100S has an IPX7 waterproof rating, meaning it can withstand accidental immersion in up to 1 meter of water for 30 minutes. It is suitable for use in rain but is not designed for underwater activities.

7. Troubleshooting

- **Device not turning on:** Ensure the battery is sufficiently charged. Connect the device to a power source using the Type-C USB cable and allow it to charge for at least 30 minutes before attempting to power it on again.
- **GPS signal not acquired:** Ensure the device is outdoors with a clear, unobstructed view of the sky. It may take a few minutes for the device to acquire satellite signals, especially during the first use or after a long period of inactivity.
- **External sensors not pairing:** Verify that your sensors are active, have fresh batteries, and are within close range of the BSC100S. Check the device's sensor settings menu to ensure the correct sensor type is selected for pairing.
- **Data not syncing with the iGPSPORT app:** Confirm that Bluetooth is enabled on your smartphone and that the iGPSPORT app is open and running in the foreground or background. Check the device's app connection settings and ensure it is paired correctly.

8. Specifications

Feature	Detail
Screen	2.6-inch Full Lamination Display
Dimensions	86.7 × 51 × 14.9 mm
Weight	67g
Data Storage	250 hours
Wireless Connectivity	BLE5.0 / ANT+
Waterproof Rating	IPX7
Buttons	2
Battery Life	40 hours
Battery Capacity	600mAh
Charging Interface	Type-C USB
GNSS Support	GPS + GLONASS + BeiDou + GALILEO + QZSS (Global Navigation Satellite System)
Sensor Compatibility	Speed (BLE/ANT+), Cadence (BLE/ANT+), Heart Rate Monitor (BLE/ANT+), Power Meter (ANT+)
Software Sharing	iGPSPORT Web, iGPSPORT App, Strava, TrainingPeaks

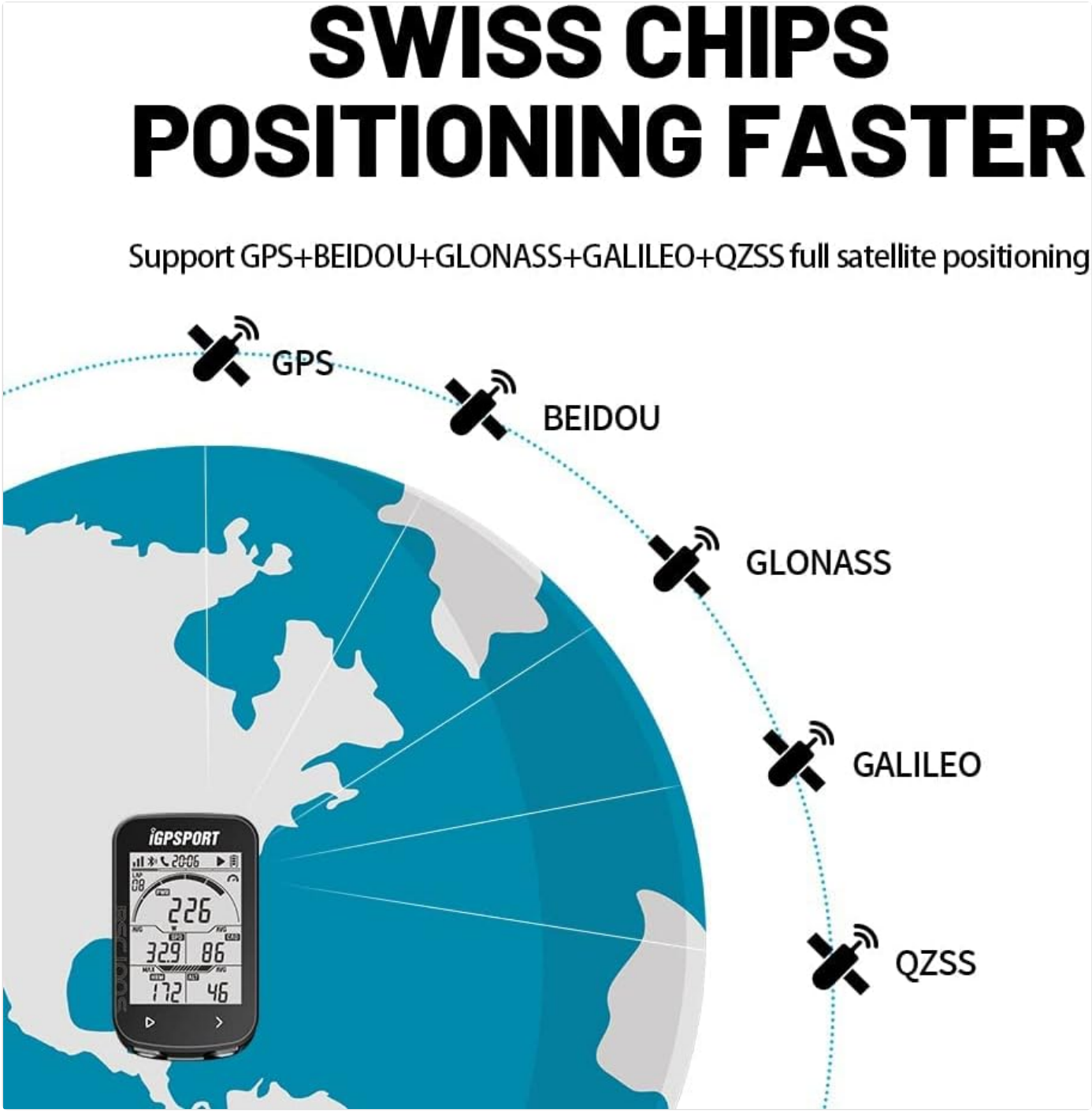


Image: A global map illustrating the coverage of multiple Global Navigation Satellite Systems (GNSS) including GPS, BeiDou, GLONASS, Galileo, and QZSS, highlighting the BSC100S's comprehensive positioning capabilities.

9. Warranty

The iGPSPORT BSC100S GPS Cycle Computer comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your product packaging.

10. Support

For additional support, frequently asked questions, or to download the latest version of the iGPSPORT app, please visit

the official iGPSPORT website:

iGPSPORT Official Website

You can also find support and community forums through the iGPSPORT app.

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