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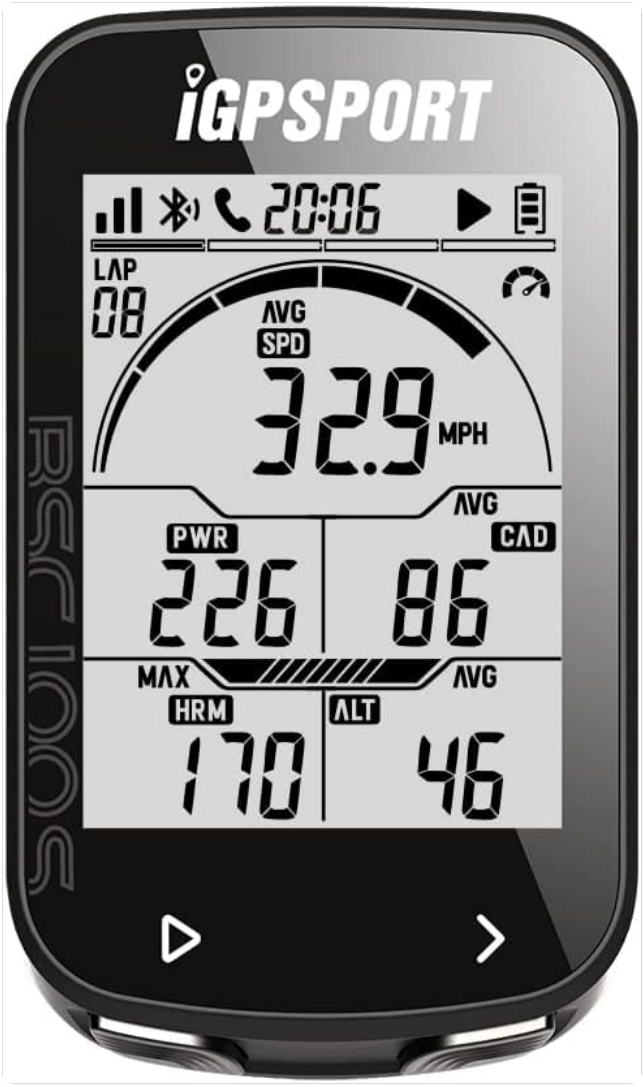
iGPSPORT BSC100S

iGPSPORT BSC100S GPS Bike Computer User Manual

Model: BSC100S | Brand: iGPSPORT

1. Introduction

The iGPSPORT BSC100S is an advanced GPS bike computer designed to provide comprehensive cycling data for enthusiasts and professionals. Featuring a 2.6-inch auto-backlight screen, multi-satellite positioning, ANT+/BLE5.0 sensor compatibility, and long battery life, it offers a reliable and user-friendly experience for tracking and analyzing your rides.



Front view of the iGPSPORT BSC100S GPS Bike Computer, showing its display with speed, power, cadence, heart rate, and altitude data.

2. Package Contents

Ensure all items are present in the package before initial use:

- BSC100S Bike Computer x 1
- Standard Bike Mount x 1
- O-Ring Band x 2
- Bike Mount Pad x 1
- User Manual x 1

Note: A Type-C charging cable is not included in the package. Any standard Type-C cable can be used for charging.



Illustration of the BSC100S bike computer and its included accessories: standard bike mount, O-ring bands, and bike mount pad.

3. Product Features

- **5 Satellite Positioning Systems:** Supports GPS, BeiDou, Glonass, Galileo, and QZSS for higher sensitivity, accuracy, and faster positioning globally.
- **ANT+ Sensors Compatibility:** Connects with ANT+ cadence, speed, heart rate, and power meter sensors for comprehensive cycling data.
- **Strava and TrainingPeaks Integration:** Compatible with Strava and TrainingPeaks for easy cycling data upload and analysis.
- **40+ Data Types:** Offers 12 types of over 40 optional professional data points, including power-meter data and lap counting functions.
- **10 Auto Control Functions:** Features auto backlight, auto record, auto pause, auto sleep, auto lap, auto return homepage, and auto data upload for convenient operation.



Visual representation of the BSC100S's core features, such as multi-GNSS support, ANT+ connectivity, and long battery life.

4. Setup

4.1 Mounting the Device

Use the provided standard bike mount and O-rings to securely attach the BSC100S to your bicycle's handlebars

or stem. Ensure the mount is firmly in place and the device clicks securely into the mount.



The standard bike mount for securing the device.

4.2 Charging the Battery

Before first use, fully charge the device. Connect a Type-C USB cable (not included) to the charging port on the BSC100S and to a USB power source. The battery indicator on the screen will show charging status. A full charge provides approximately 40 hours of battery life.



The BSC100S features a Type-C charging port and offers up to 40 hours of battery life.

5. Operating Instructions

5.1 Display Overview

The 2.6-inch screen provides clear visibility of your cycling data. You can customize the data fields displayed to suit your preferences. The auto-backlight function ensures readability in various lighting conditions, including night riding.



The BSC100S features a 2.6-inch large screen for clear data display during rides.

5.2 Sensor Connection (ANT+/BLE5.0)

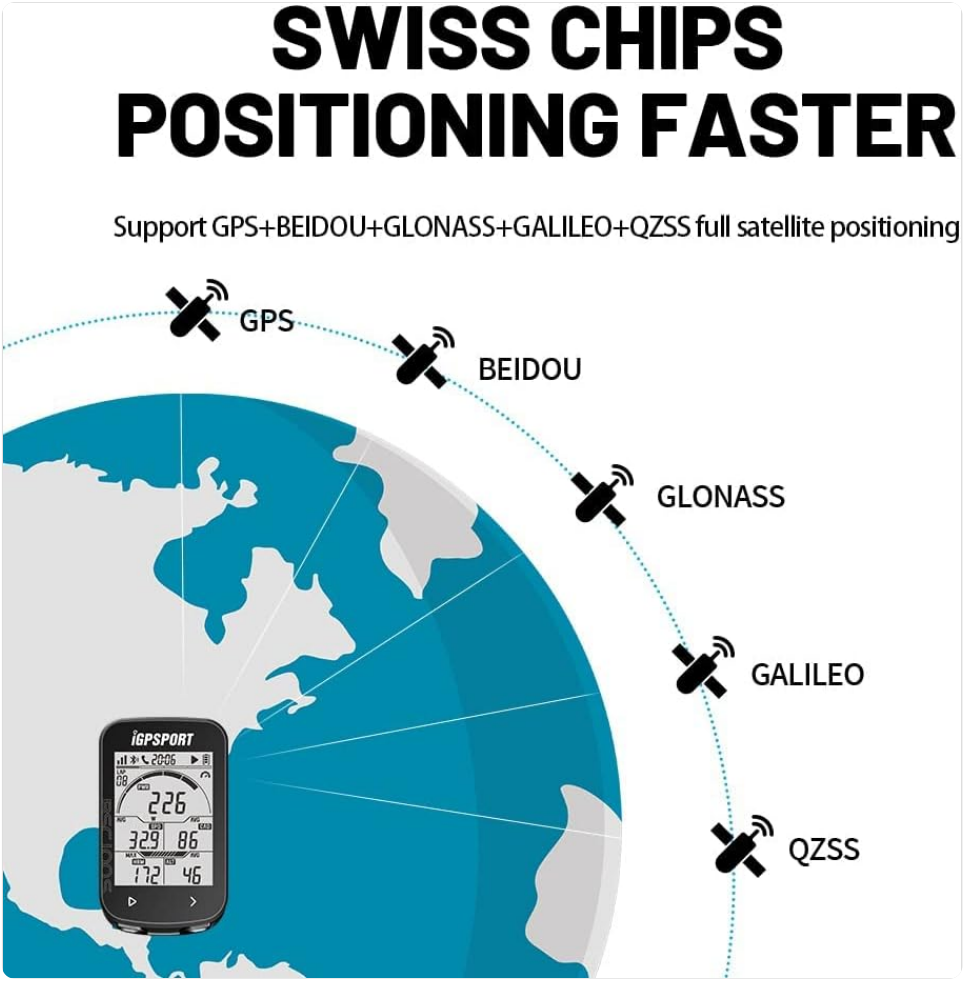
The BSC100S supports both ANT+ and Bluetooth 5.0 sensors. To connect a sensor (e.g., speed, cadence, heart rate, power meter), navigate to the sensor pairing menu on the device. Ensure the sensor is active and within range. The device will automatically detect and connect to compatible sensors for richer cycling data.



The BSC100S supports various sensors including power meters, heart rate monitors, speed sensors, and cadence sensors for comprehensive data tracking.

5.3 GPS Functionality

The device utilizes five global satellite positioning systems (GPS, BeiDou, Glonass, Galileo, QZSS) for fast and accurate location tracking. This ensures reliable speed, distance, and route data even in challenging environments.



The BSC100S uses multiple satellite systems for faster and more accurate positioning.

5.4 iGPSPORT App Integration

Sync your ride data effortlessly with the iGPSPORT app (available for Android and iPhone). The app allows you to upload data to platforms like Strava and TrainingPeaks, manage device settings, and customize data pages. Call reminders can also be received on the device when connected to the app.



The iGPSPORT app facilitates easy sharing of cycling data to various social and fitness platforms.

▶ **Watch video online**
BSC100S GPS Bike Computer 1

Official product video demonstrating the features and usage of the BSC100S GPS Bike Computer, including its large screen, custom data pages, GNSS capabilities, aerodynamic design, IPX7 waterproofing, sensor compatibility, and app integration.

6. Maintenance

6.1 Cleaning

Wipe the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage the screen or casing.

6.2 Waterproofing

The BSC100S is rated IPX7 waterproof, meaning it can withstand immersion in up to 1 meter of water for 30 minutes. While it is resistant to rain and splashes, avoid prolonged submersion or high-pressure water jets.



The BSC100S is designed with IPX7 waterproofing, making it suitable for use in various weather conditions.

6.3 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Store the device in a cool, dry place when not in use for extended periods. Recharge the battery periodically if stored for a long time.

7. Troubleshooting

Issue	Possible Cause	Solution
Device does not power on	Low battery; Device frozen	Charge the device; Press and hold the power button for 10 seconds to force restart.
No GPS signal	Obstructed view of sky; Initial acquisition time	Move to an open area away from tall buildings or dense trees; Allow a few minutes for initial GPS lock.
Sensor not connecting	Sensor battery low; Sensor out of range; Incorrect pairing	Replace sensor battery; Ensure sensor is close to the device; Re-pair the sensor through the device settings.
Data not syncing to app	Bluetooth disconnected; App issue	Ensure Bluetooth is enabled on phone and device; Restart the iGPSPORT app; Reconnect the device in the app.

8. Specifications

Feature	Detail
Brand	iGPSPORT
Model	BSC100S

Feature	Detail
Color	Gray
Product Dimensions (LxWxH)	3.4 x 2 x 0.6 inches (approx. 86 x 51 x 15 mm)
Item Weight	0.33 Pounds (approx. 67g)
Screen Size	2.6 Inches
Battery Life	Approx. 40 Hours
Sensor Type Support	Cadence Sensor, GPS Sensor, Heart Rate Sensor, Speed Sensor, Power Meter
Battery Cell Composition	Lithium Ion
Connectivity Technology	Bluetooth 5.0, ANT+, USB (Type-C)
International Protection Rating	IPX7
Mounting Type	Handlebar Mount
Human Interface Input	Buttons

9. 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 any warranty claims.
Official Website: www.igpsport.com

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