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> iGPSPORT BSC500 GPS Bike Computer User Manual

iGPSPORT BSC500

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Model: BSC500

INTRODUCTION

The iGPSPORT BSC500 is an advanced GPS bike computer designed to enhance your cycling experience. It features a 3.3-inch touch screen, voice navigation, an electronic bell, and comprehensive training functions. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.



Image: The iGPSPORT BSC500 GPS Bike Computer, a sleek black device with a large screen, mounted on a bicycle handlebar.

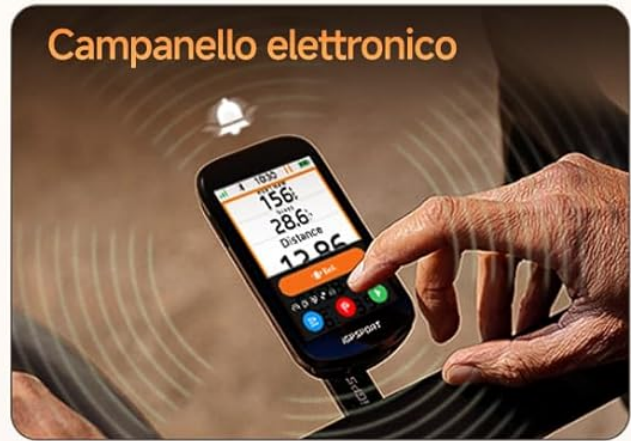
SETUP

1. Charging the Device

Before first use, fully charge your BSC500 using the provided USB cable. The device features a Lithium-ion battery. A full charge ensures maximum operating time.

2. Mounting the Device

Securely attach the BSC500 to your bicycle handlebar using the included mount. Ensure it is firmly in place to prevent movement during rides.



Fino a 25 ore di autonomia

Controllo musica e action cam

Tracciamento continuo

Image: The iGPSPORT BSC500 bike computer securely mounted on a bicycle handlebar, showing the device from a slight angle.

3. Initial Power On and Language Selection

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

4. Pairing with Sensors and App

The BSC500 supports ANT and Bluetooth connectivity. To pair with external sensors (heart rate monitor, cadence/speed sensors, power meters, etc.) or the iGPSPORT app, navigate to the device's settings menu and select "Pair Device" or "Connect App". Follow the instructions on both the device and your smartphone app.

OPERATING INSTRUCTIONS

3.3-inch Touch Screen and Dual Control

The BSC500 features a 3.3-inch high-brightness transfective color screen, offering clear visibility even in bright sunlight. It supports dual control via both the touchscreen and physical buttons, combining convenience with stability.



Image: Close-up of the iGPSPORT BSC500's 3.3-inch touchscreen display, showing clear data fields and navigation.

Dual-Band Five-System Positioning

The GPS bike computer supports L1+L5 dual-frequency reception and is compatible with five major satellite systems: GPS, BeiDou, GLONASS, Galileo, and QZSS. This significantly improves positioning accuracy, reduces acquisition times, and minimizes track drift, ensuring precise and reliable tracking for every ride.

Smart Navigation with Maps

Plan your routes within the iGPSPORT app and synchronize them with your bike computer. The device is also compatible with platforms like Strava and Komoot, and supports importing route files. Voice navigation reminders reduce the need to look down at the screen, enhancing safety and efficiency during your ride.

Ricalcolo intelligente del percorso

Con mappe offline integrate, ti riporta rapidamente al percorso originale se ti allontani dal tragitto.

4.5M+
percorsi ciclistici

-  Percorsi
-  La tua attività
-  Ricalcolo del percorso
-  Direzione guidata

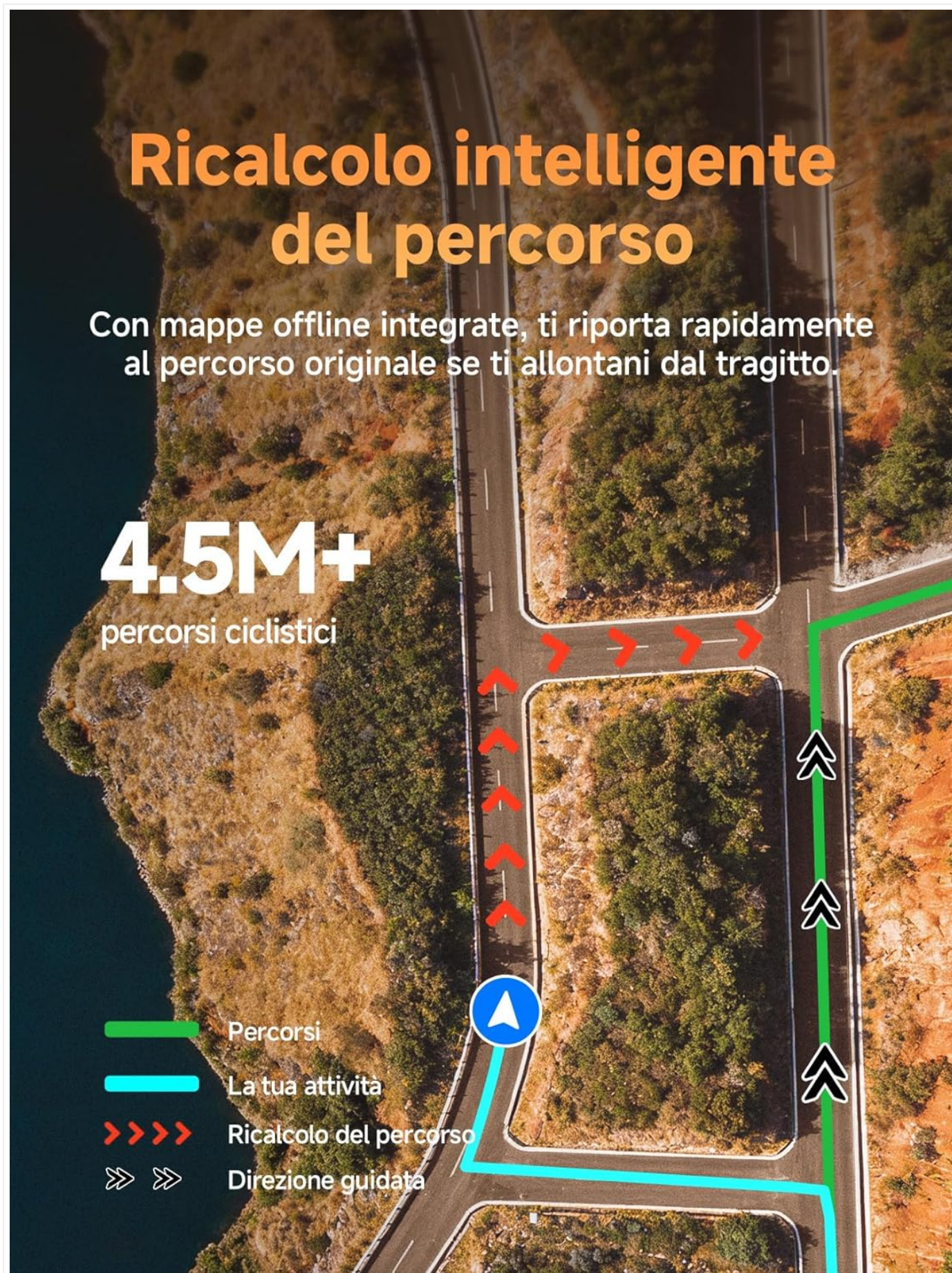


Image: The iGPSport BSC500 displaying a navigation map with a highlighted route and turn-by-turn directions.

Automatic Route Recalculation

If you deviate from your planned route, the bike computer automatically generates a new path without manual intervention. This feature addresses common issues like wrong turns or interrupted journeys, making navigation smoother

and more efficient, especially in unfamiliar environments or during long distances.

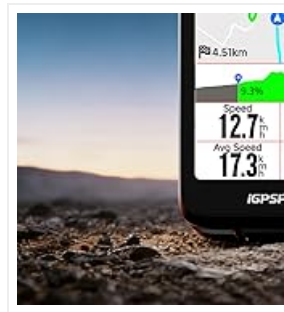


Image: A map on the iGPSPORT BSC500 screen illustrating automatic route recalculation, showing a new path generated after deviating from the original route.

Resume Last Ride

The bike computer allows you to resume recording your last ride. If a ride is interrupted or not completed, you can pick up exactly where you left off, avoiding data loss and fragmented records. This is ideal for long distances and multi-session training, providing a seamless experience.



Image: The iGPSPORT BSC500 screen showing the option to "Continue last ride" with ride statistics and a map.

Wide Compatibility with Cycling Devices

The BSC500 supports connection with various cycling devices, including Di2, e-bikes, heart rate monitors, cadence/speed sensors, power meters, radar tail lights, smart lights, and trainers, allowing for comprehensive integration of your cycling data.

Data Synchronization and Upload

Ride data can be uploaded to the iGPSPORT app and platforms such as Strava, TrainingPeaks, and Komoot for easy viewing, analysis, and sharing. This streamlines data management across multiple devices, unifying records and making training more efficient and rewarding.

iClimb 2.0 Feature

The iClimb 2.0 feature allows you to preview the route profile, helping you manage your energy more effectively during climbs.



Image: The iGPSPORT BSC500 screen displaying the iClimb 2.0 interface, showing a climb profile and energy consumption curve comparison.

Virtual Route Mode

Reproduce outdoor cycling routes with accurate difficulty simulation. This mode is compatible with training rollers and automatic FTP detection, providing a realistic indoor training experience.



Image: The iGPSPORT BSC500 screen showing a virtual route map while a cyclist uses an indoor trainer.

Electronic Bell

The integrated electronic bell provides an audible alert for safety, easily activated from the device.

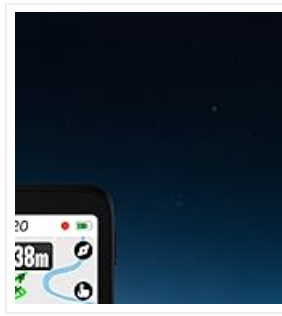


Image: A close-up of the iGPSport BSC500 mounted on a handlebar, with an icon indicating the electronic bell function.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid harsh chemicals or abrasive materials. Ensure the charging port is dry before charging.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the device frequently. Charge it regularly, especially if storing for extended periods.
- **Water Resistance:** The device has an IPX7 international protection rating, meaning it can withstand immersion in water up to 1 meter for 30 minutes. However, it is not recommended for prolonged underwater use. Ensure the charging port cover is properly sealed.

TROUBLESHOOTING

Device Not Powering On

- Ensure the device is fully charged. Connect it to a power source and wait a few minutes before attempting to power on again.
- Try holding the power button for a longer duration (10-15 seconds) for a hard reset.

GPS Signal Issues / Inaccurate Tracking

- Ensure you are in an open area with a clear view of the sky. Tall buildings, dense forests, or tunnels can obstruct GPS signals.
- Allow the device sufficient time to acquire satellite signals before starting your ride.
- Check for any available firmware updates for your device via the iGPSport app, as these often include GPS performance improvements.

Connectivity Problems (ANT/Bluetooth)

- Ensure the external sensor or smartphone's Bluetooth is enabled and within range.
- Restart both the BSC500 and the device you are trying to connect.
- Remove and re-pair the sensor/device from the BSC500's settings.

Slow Route Loading / Navigation Issues

- Ensure you have a stable internet connection when synchronizing routes from the iGPSport app.
- For offline maps, ensure they are fully downloaded to the device.
- If the device is slow, try clearing old ride data or routes that are no longer needed.

Display or Touchscreen Unresponsive

- Ensure the screen is clean and dry.
- Perform a soft reset by turning the device off and on again.
- If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	iGPSPORT
Model Number	BSC500
Color	Black
Product Dimensions (L x W x H)	15L x 10.2W x 2.9H cm
Screen Size	3.3 Inches
Display Type	Color Touch Screen
Default Screen Resolution	320x480
Sensor Type	GPS, GLONASS, Galileo, Heart Rate Sensor (external)
Battery Cell Composition	Lithium Ion
Connectivity Technology	ANT, Bluetooth
User Interface Input	Buttons, Touchscreen
International Protection Rating	IPX7
Country of Origin	China
Included Components	BSC500 device

WARRANTY INFORMATION

The iGPSPORT BSC500 comes with a **2-year product warranty**. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official iGPSPORT website.

SUPPORT

For further assistance, technical support, or to download the latest firmware and user guides, please visit the official iGPSPORT website or contact their customer service.

- **Official Website:** www.igpsport.com (Please note: actual URL may vary, this is a placeholder)
- **iGPSPORT App:** Available for download on iOS and Android app stores.
- **Customer Service:** Refer to the contact information provided in your product packaging or on the official website.



