iGPSPORT BSC200

iGPSPORT BSC200 Bike Computer User Manual

Model: BSC200

Brand: iGPSPORT

1. Introduction

The iGPSPORT BSC200 Bike Computer is a wireless GPS cycling speedometer and odometer designed to enhance your riding experience. It features a 2.5-inch auto-backlight screen, ANT+ and Bluetooth connectivity for various sensors, Type-C charging, and IPX7 waterproofing. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your BSC200 device.

2. Key Features

- **Customizable Data Display:** Choose from 140 riding data points across 8 pages, allowing for personalized data presentation.
- **2.5-Inch Auto-Backlight Screen:** Large anti-glare display ensures clear visibility in various lighting conditions, including direct sunlight.
- **Data Sync & Sharing:** Compatible with third-party platforms like Strava and TrainingPeaks, and allows sharing to social media via the iGPSPORT APP.
- **Extended Battery Life:** Up to 30 hours of battery life, ideal for long-distance rides, with convenient Type-C charging.
- **Robust Connectivity:** Supports ANT+ and BLE5.0 for connecting to speed, cadence, heart rate sensors, and power meters with automatic connection.
- **Advanced GPS:** Equipped with a powerful chip supporting GPS, Beidou, QZSS, Galileo, and Glonass for faster search speed and higher accuracy.
- **IPX7 Waterproof:** Designed to withstand heavy rain and adverse weather conditions.

3. Setup Guide

3.1 Package Contents

Verify that all items are present in your package:



Figure 3.1: iGPSPORT BSC200 Bike Computer and included accessories.

- iGPSPORT BSC200 Bike Computer
- USB Type-C Charging Cable
- Standard Bike Mount
- User Manual (this document)

3.2 Charging the Device

Before first use, fully charge the BSC200. Connect the provided Type-C USB cable to the charging port on the device and plug the other end into a USB power adapter or computer USB port. The battery icon on the screen will indicate charging status.

Your browser does not support the video tag.

Video 3.2: Demonstrates charging the iGPSPORT BSC200 Bike Computer.

3.3 Mounting the Bike Computer

Attach the standard bike mount to your bicycle's handlebar or stem using the provided straps or zip ties. Ensure the

mount is securely fastened and does not obstruct your view or control of the bike. Once the mount is in place, align the BSC200 with the mount and twist it clockwise until it locks securely.



Figure 3.3: iGPSPORT BSC200 Bike Computer securely mounted on a bicycle.

3.4 Initial Power On and App Connection

Press and hold the power button to turn on the device. For full functionality and customization, download the iGPSPORT APP from your smartphone's app store. Pair your BSC200 with the app via Bluetooth. The app allows you to configure settings, customize data pages, and manage routes.

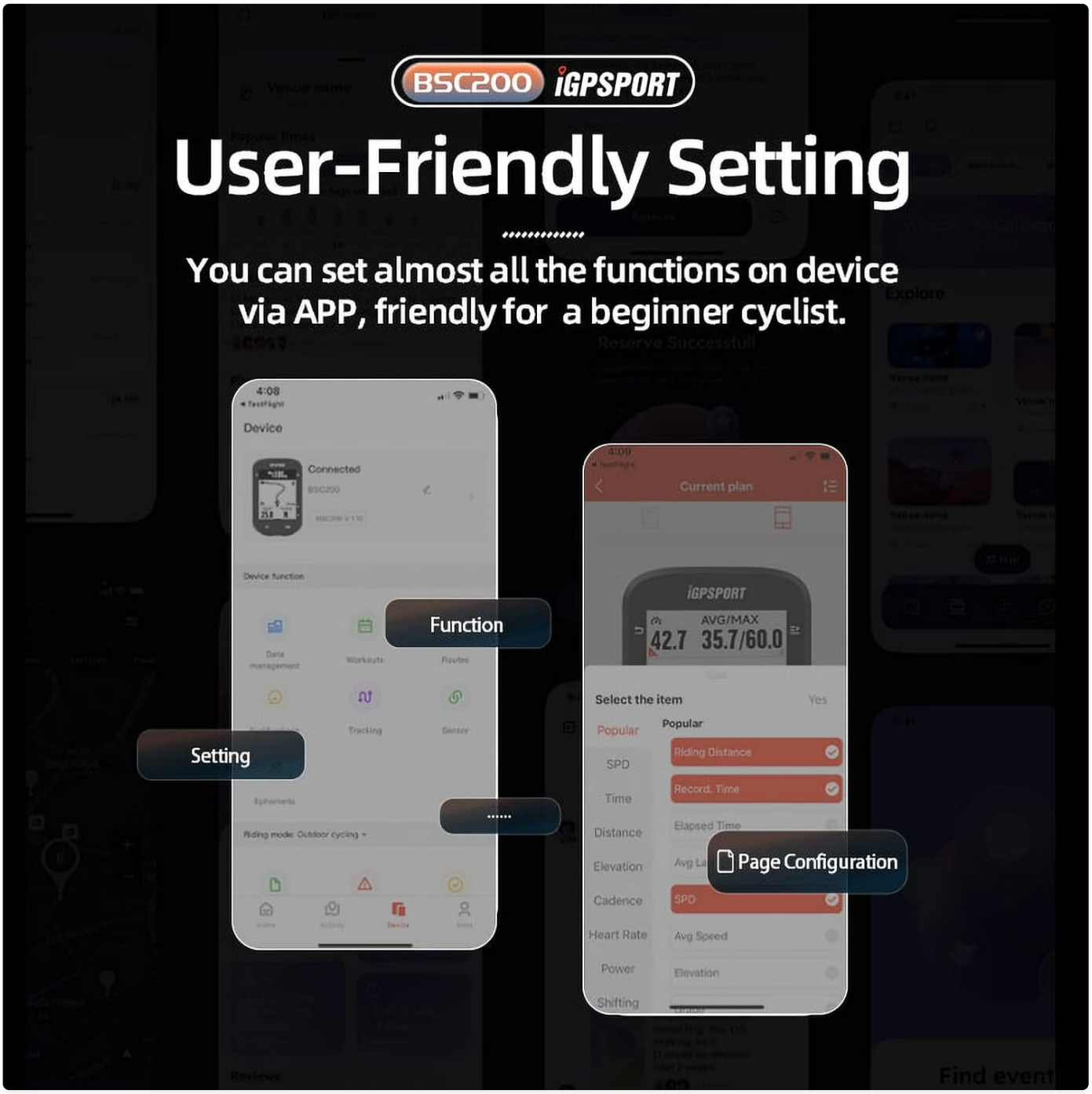

Figure 3.4: The iGPSPORT app interface for device settings and data management.

3.5 Sensor Pairing

The BSC200 supports ANT+ and BLE5.0 sensors. To pair a sensor (e.g., speed, cadence, heart rate, power meter), navigate to the sensor pairing menu on the device or through the iGPSPORT app. Ensure the sensor is active and within range. The device will automatically detect and connect to compatible sensors.



Figure 3.5: The BSC200 integrates with multiple sensors for comprehensive data tracking.

4. Operating Instructions

4.1 Starting a Ride

Once powered on and GPS signal acquired (indicated by a stable GPS icon), press the start button to begin recording your ride. The device will display real-time data such as speed, distance, time, and other configured metrics.

4.2 Data Display and Customization

The BSC200 allows you to customize up to 8 pages of data, with 140 data points available. Use the device buttons or the iGPSPORT app to select and arrange the data fields you wish to see during your ride. The auto-backlight feature ensures optimal visibility.

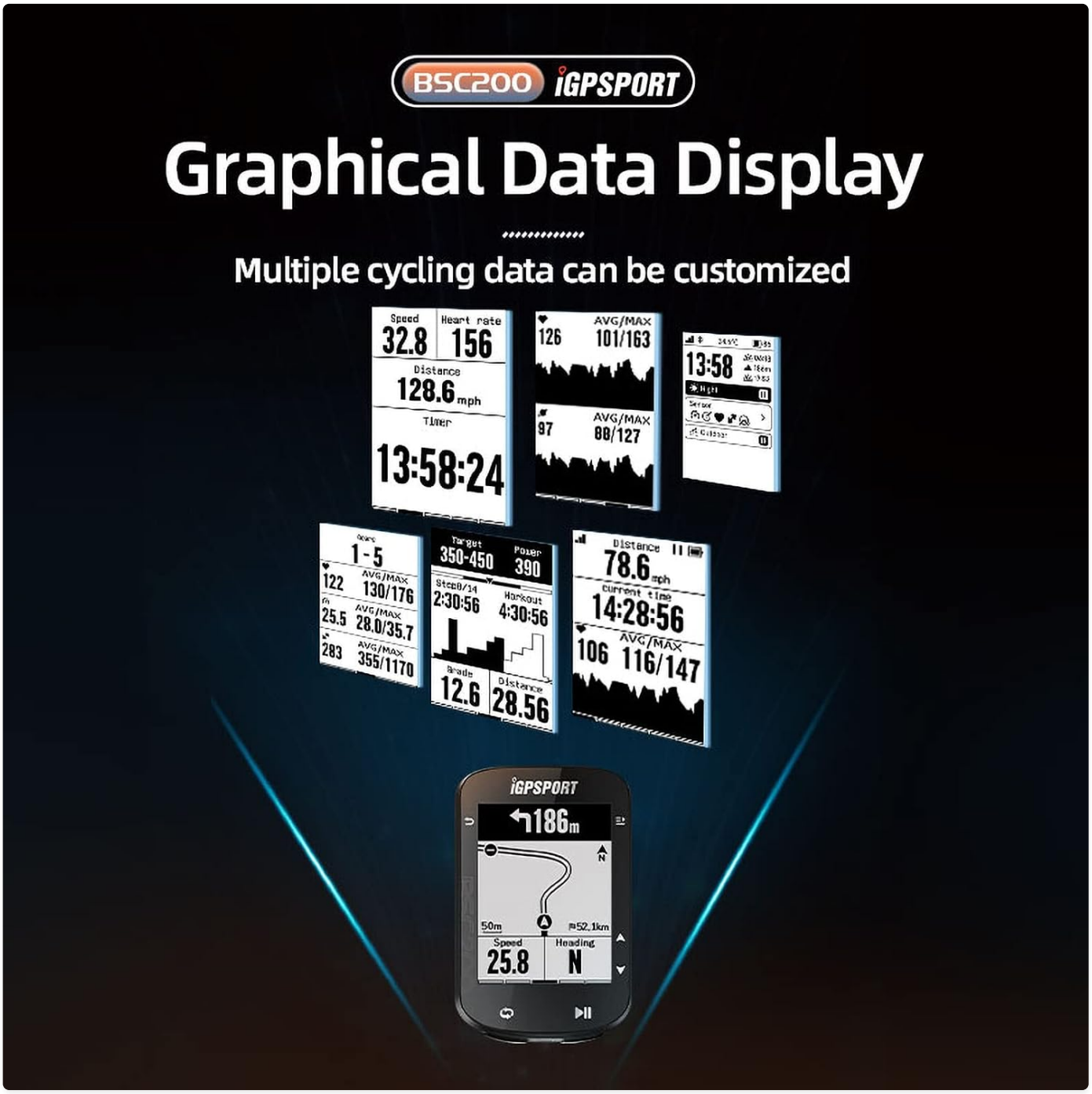

Figure 4.2: Multiple customizable data displays on the BSC200.

4.3 Route Navigation

The BSC200 supports convenient route navigation. Routes can be created via the iGPSPORT app or imported from a road book. Follow the on-screen prompts and map display for reliable guidance during your ride. The device will alert you if you go off course.

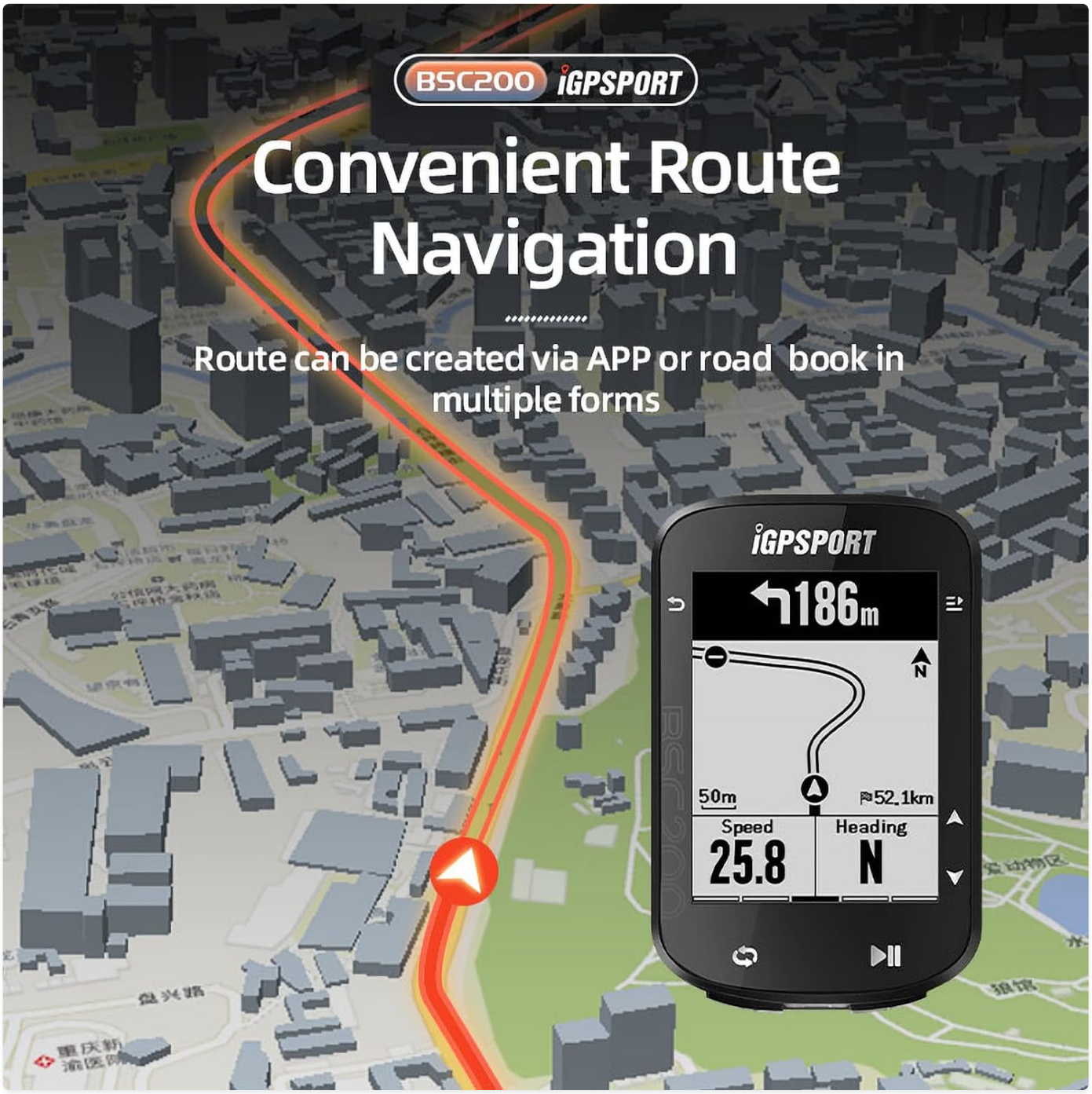

Figure 4.3: On-screen route navigation on the BSC200.

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Video 4.3: Demonstrates route navigation and data display during a ride.

4.4 Ending and Saving a Ride

To end your ride, press the stop button. The device will prompt you to save the ride data. Confirm to save the activity. Saved rides can be viewed on the device or synced to the iGPSPORT app for detailed analysis and sharing.

5. Maintenance

5.1 Cleaning the Device

Wipe the device with a soft, damp cloth to remove dirt and sweat. Avoid using abrasive cleaners or solvents, as these can damage the screen or casing. Ensure the Type-C port cover is securely closed to maintain waterproofing.

5.2 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. The BSC200 features a 30-hour battery life, providing ample power for extended rides.

5.3 Waterproofing (IPX7)

The BSC200 is IPX7 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. This makes it suitable for use in rainy conditions. However, it is not designed for underwater activities. Always ensure the Type-C port cover is sealed before exposing the device to water.

6. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. Perform a soft reset by holding the power button for 10-15 seconds.
No GPS signal.	Obstructed view of sky; initial acquisition.	Move to an open area away from tall buildings or dense trees. Allow several minutes for initial GPS lock.
Sensor not connecting.	Sensor off or out of range; incorrect pairing.	Ensure sensor is active and has fresh battery. Bring sensor closer to the device. Re-pair the sensor through the device settings or app.
Data not syncing to app.	Bluetooth disconnected; app issue.	Ensure Bluetooth is enabled on your phone and the device is connected. Restart the app and/or device. Check for app updates.

7. Specifications

Brand: iGPSPORT

Model Name: BSC200

Color: BLACK

Screen Size: 2.5 Inches

Display Type: LCD

Battery Life: 30 Hours

Connectivity Technology: ANT+, BLE, USB

Sensor Type: GPS, Galileo Sensor, Speed Sensor, Heart Rate Sensor, Glonass Sensor, Cadence Sensor

International Protection Rating: IPX7

Item Weight: 0.16 Kilograms

Material: Plastic

Mounting Type: Handlebar Mount

Human Interface Input: Buttons

Item Package Dimensions L x W x H: 6.57 x 5.12 x 1.81 inches

8. Warranty and Support

The iGPSPORT BSC200 Bike Computer comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

For technical support, warranty claims, or further assistance, please contact iGPSPORT customer service through their official website or the contact information provided with your product packaging. Please have your product model and purchase details ready when contacting support.

You can also visit the official iGPSPORT store on Amazon for more information and product updatesiGPSPORT Store.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question