

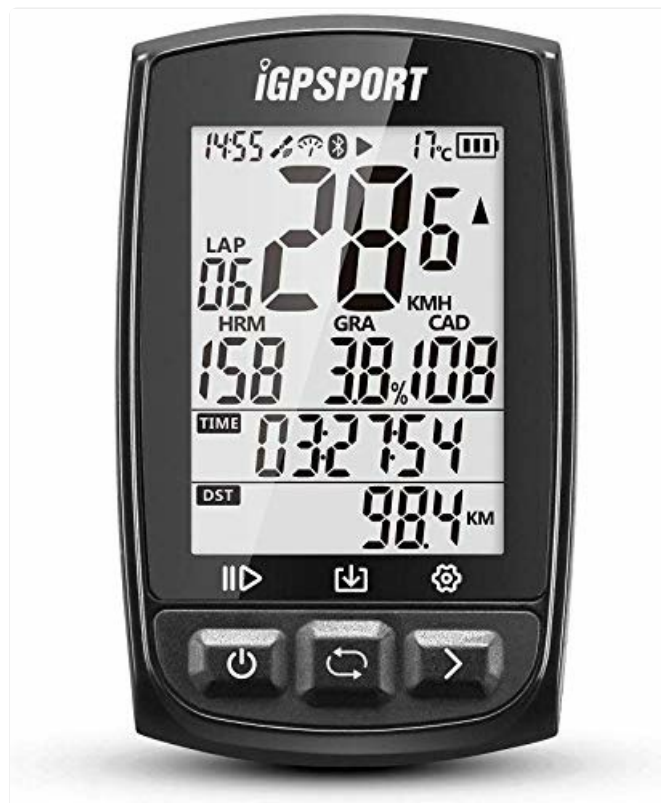
iGPSPORT iGS50E

iGPSPORT iGS50E GPS Cycling Computer User Manual

Comprehensive guide for setup, operation, and maintenance of your iGS50E device.

1. INTRODUCTION

Thank you for choosing the iGPSPORT iGS50E GPS Cycling Computer. This manual provides essential information to help you set up, operate, and maintain your device, ensuring optimal performance and longevity. The iGS50E is designed to record your cycling data and routes, offering a clear display and connectivity with various sensors.



Front view of the iGPSPORT iGS50E GPS Cycling Computer, displaying various cycling metrics.

2. WHAT'S IN THE BOX

Upon opening the package, verify that all components are present:

- iGPSPORT iGS50E GPS Cycling Computer
- Micro USB Charging and Data Cable
- Handlebar Mounts (2 sets, including rubber rings and pads)
- Instruction Manual

3. SETUP

3.1. Initial Charging

Before first use, fully charge the iGS50E using the provided Micro USB cable. Connect the cable to the device's USB port and a standard USB power adapter or computer. A full charge typically takes less than one hour.

3.2. Mounting the Device

The iGS50E comes with two sets of handlebar mounts, allowing you to easily switch the device between two bicycles. Follow these steps to install a mount:

1. Place a rubber pad on your handlebar at the desired mounting location.
2. Position the mount base over the rubber pad.
3. Secure the mount to the handlebar using the rubber O-rings. Ensure it is tight and stable.
4. Align the iGS50E with the mount and twist it clockwise until it locks securely into place.



The iGS50E cycling computer securely mounted on a bicycle handlebar.

3.3. Initial Power On and GPS Acquisition

To power on the device, press and hold the power button. The device will begin searching for GPS satellites. For quick acquisition, ensure you are in an open area with a clear view of the sky. Wait for the satellite icon on the

display to become solid, indicating a successful GPS lock. Once locked, you can begin recording your ride by pressing the left button.

3.4. Pairing External Sensors (ANT+)

The iGS50E supports ANT+ sensors for heart rate, cadence, and speed. To pair a sensor:

1. Ensure your ANT+ sensor is active and within range of the iGS50E.
2. Navigate to the sensor pairing menu on the iGS50E (refer to the device's on-screen instructions or the full manual for specific menu navigation).
3. Select the type of sensor you wish to pair. The device will scan for available ANT+ sensors.
4. Select your sensor from the list to complete the pairing process.

Note: The iGS50E is compatible with ANT+ sensors only for data collection (e.g., heart rate, cadence, speed). It is not compatible with Bluetooth-only sensors for these metrics.

3.5. Bluetooth Pairing for Data Transfer

Bluetooth connectivity on the iGS50E is primarily used for transferring ride data to your smartphone via the iGPSPORT app. Ensure your smartphone has Bluetooth 4.0 or higher.

1. Download and install the iGPSPORT app on your smartphone.
2. Enable Bluetooth on both your iGS50E and your smartphone.
3. Open the iGPSPORT app and follow the instructions to add and pair your iGS50E device.
4. Once paired, you can synchronize your ride data from the device to the app. The iGPSPORT app can also be configured to automatically upload your activities to platforms like Strava.

4. OPERATING THE iGS50E

4.1. Button Functions

The iGS50E features three physical buttons:

- **Left Button:** Typically used to start/stop recording, confirm selections, or navigate left in menus.
- **Center Button:** Primarily used for lap counting during a ride.
- **Right Button:** Used to scroll through data pages, cancel selections, or navigate right in menus.

4.2. Display and Data Fields

The device features a 2.2-inch anti-glare LCD screen, designed for clear readability in various lighting conditions. It can display up to 9 data fields simultaneously. The backlight automatically activates in low-light conditions, based on the time received from GPS satellites.

Available data fields include, but are not limited to: speed, distance, ride time, total odometer, altitude, gradient, calories consumed, lap count, heart rate (with ANT+ sensor), and cadence (with ANT+ sensor). Please note that the arrangement of data fields across the three display pages is fixed and cannot be customized by the user.

4.3. Recording a Ride

After acquiring a GPS signal, press the **Left Button** to start recording your ride. The device will track your route, speed, distance, and other selected metrics. To pause or stop recording, press the **Left Button** again. You can resume a paused ride or save the completed ride from the options presented on the screen.

4.4. Data Transfer

Your recorded ride data can be transferred in two ways:

- **Via Bluetooth to iGPSPORT App:** As described in Section 3.5, synchronize your device with the iGPSPORT app on your smartphone to upload ride data.
- **Via USB Cable to PC:** Connect the iGS50E to your computer using the Micro USB cable. The device will appear as a mass storage device, allowing you to access and download the ride files, which are typically in .fit format.

4.5. Auto Sleep and Wake Up

The iGS50E features an auto sleep and auto wake-up function to conserve battery life. When stationary for a period, the device will enter sleep mode. It will automatically wake up and resume recording when movement is detected.



Illustration of the iGS50E's auto sleep and auto wake-up functionality.

5. MAINTENANCE

5.1. Cleaning

Clean the device regularly with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials, as these can damage the screen or casing. Ensure the USB port cover is securely closed to maintain water resistance.

5.2. Battery Care

The iGS50E has a battery life of up to 40 hours. To prolong battery life, avoid fully discharging the device frequently. Charge it regularly, especially before long rides. If storing the device for an extended period, ensure it has at least a 50% charge.

5.3. Water Resistance (IPX7)

The iGS50E is rated IPX7, meaning it is protected against immersion in water up to 1 meter for 30 minutes. This makes it resistant to rain and splashes. However, it is not recommended for prolonged underwater use. Always ensure the USB port cover is sealed properly to maintain water resistance.

6. TROUBLESHOOTING

6.1. GPS Signal Issues

- **Slow GPS Acquisition:** Ensure you are in an open area with a clear view of the sky, away from tall buildings or dense foliage.
- **Inaccurate Speed/Distance:** While GPS provides good accuracy, for maximum precision, consider using an external ANT+ speed sensor.

6.2. Sensor Connectivity Problems

- **Sensor Not Pairing:** Verify that your external sensor is ANT+ compatible and not a Bluetooth-only sensor. Ensure the sensor's battery is charged and it is active.
- **Intermittent Data:** Check for any obstructions between the device and the sensor. Ensure the sensor is correctly installed and functioning.

6.3. Data Sync Issues with App

- **Device Not Connecting to App:** Ensure Bluetooth is enabled on both your iGS50E and smartphone. Confirm your smartphone has Bluetooth 4.0 or higher. Restart both devices and try again.
- **Data Not Uploading to Strava:** Check the settings within the iGPSPORT app to ensure the automatic upload feature to Strava is enabled and your Strava account is correctly linked.

6.4. Device Not Turning On

If the device does not power on, connect it to a power source using the USB cable to ensure the battery is not fully depleted. If the issue persists, contact customer support.

7. SPECIFICATIONS

Model	iGS50E
Dimensions	5.36 x 1.78 x 8.59 cm
Weight	80 g
Screen Size	2.2 inches
Screen Type	LCD
Connectivity	ANT+/2.4G, Bluetooth, USB
Water Resistance	IPX7
Battery Life	Up to 40 hours
Data Storage	Up to 200 hours
Model Number	6970817350183

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support, product inquiries, or further assistance, please visit the official iGPSPORT website or contact their customer service department.

You can find more information and support resources on the iGPSPORT brand store: [iGPSPORT Brand Store](#)