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## Pyle PSBCG90

The Pyle logo is displayed in a bold, red, sans-serif font. It is centered horizontally and positioned above a thin, light gray vertical line that extends downwards.

# Pyle PSBCG90 Smart Bicycle Computer User Manual

Model: PSBCG90

## 1. INTRODUCTION

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The Pyle PSBCG90 Smart Bicycle Computer is designed to enhance your cycling experience by providing comprehensive performance tracking and navigation capabilities. This device integrates GPS technology with various sensors to monitor your ride data, including speed, distance, altitude, and more. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your bicycle computer.



Image 1: Pyle PSBCG90 Smart Bicycle Computer. The device features a clear LCD display showing current speed and distance, along with battery and signal indicators. Buttons for control are located on the sides and bottom.

## 2. PRODUCT FEATURES

- **Integrated GPS Navigation:** Tracks your route and provides location data.
- **Smart Sensor Technology:** Ensures accurate data recording for fitness and training.
- **Performance Tracking:** Monitors timer, calories burned, speed, and distance.
- **Altitude Measurement:** Built-in barometer for tracking elevation changes.
- **ANT+ Technology Support:** Allows wireless connection to external sensors such as heart rate monitors, RPM sensors, and time sensors.
- **Ghost Feature:** Enables challenging previous performance records.

- **Data Storage:** Internal memory capable of saving up to 80 hours of performance records.
- **PC Connectivity:** Upload data to a computer for detailed analysis, mapping, and graphing via included software.
- **Handlebar Mount:** Secure attachment to your bicycle.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Pyle PSBCG90 Smart Bicycle Computer
- USB Charging Cable
- Power Adapter
- GPS Sports Center Software (CD or download link)
- Handlebar Mount Holder

### 4. SETUP

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#### 4.1. Charging the Device

Before first use, fully charge the bicycle computer. Connect the provided USB charging cable to the device and the power adapter, then plug into a standard electrical outlet. The charging indicator will show the charging status.

#### 4.2. Mounting to Handlebar

Attach the handlebar mount holder to your bicycle's handlebar using the provided straps or clamps. Ensure the mount is secure and positioned for easy viewing during your ride. Slide the PSBCG90 computer onto the mount until it clicks into place.

#### 4.3. Initial Power On and Basic Settings

Press and hold the **POWER** button (usually labeled LIGHT/ESC or a dedicated power button) to turn on the device. Follow the on-screen prompts to set basic parameters such as language, time zone, unit preferences (metric/imperial), and user profile information (weight, height) for accurate calorie calculations.

#### 4.4. Software Installation (GPS Sports Center)

Install the GPS Sports Center software on your computer. This software is essential for uploading ride data, viewing detailed maps, and analyzing performance graphs. Refer to the software's specific installation guide for your operating system.

### 5. OPERATING INSTRUCTIONS

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#### 5.1. Button Functions

- **LIGHT/ESC:** Press briefly to activate backlight. Press and hold to exit menus or cancel operations.
- **MODE/ENTER:** Press briefly to cycle through display modes. Press and hold to enter menu options or confirm selections.
- **START/STOP:** Press to start or pause recording a ride.
- **LAP/SAVE:** Press to mark a lap during a ride. Press and hold to save the current ride data.

#### 5.2. GPS Functionality

Upon powering on, the device will automatically search for GPS satellites. Ensure you are in an open area for faster acquisition. Once a GPS signal is acquired, the GPS icon will stabilize, indicating readiness for tracking.

### 5.3. ANT+ Sensor Pairing

To pair external ANT+ sensors (e.g., heart rate monitor, speed/cadence sensor):

1. Ensure the sensor is active and within range of the bicycle computer.
2. Navigate to the 'Sensor Pairing' menu on the device (typically via MODE/ENTER).
3. Select the type of sensor you wish to pair.
4. The device will search for available sensors. Select your sensor from the list to complete pairing.

### 5.4. Starting and Stopping a Ride

Once GPS is acquired and any desired ANT+ sensors are paired, press the **START/STOP** button to begin recording your ride. The display will show real-time data. To pause the ride, press **START/STOP** again. To resume, press **START/STOP**. To end and save the ride, press and hold the **LAP/SAVE** button.

### 5.5. Using the Ghost Feature

The Ghost Feature allows you to compete against a previously recorded ride. Select a saved ride from the device's history and activate the Ghost Feature. The display will show your current performance relative to your 'ghost' performance, motivating you to improve.

### 5.6. Data Transfer to PC

Connect the bicycle computer to your computer using the USB cable. Open the GPS Sports Center software. The software will detect the device and allow you to upload your saved ride data. You can then view detailed statistics, maps of your routes, and performance graphs.

## 6. MAINTENANCE

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### 6.1. Cleaning

Wipe the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the display or casing. Ensure the USB port cover is securely closed to prevent water and dust ingress.

### 6.2. Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Charge the device regularly, even if not in frequent use, to maintain battery health. Do not attempt to replace the internal battery yourself.

## 7. TROUBLESHOOTING

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- **Device not powering on:** Ensure the device is fully charged. If the issue persists, try a different USB port or power adapter.
- **No GPS signal:** Move to an open area away from tall buildings or dense tree cover. Allow several minutes for the device to acquire a signal.
- **ANT+ sensor not pairing:** Ensure the sensor is active, has fresh batteries, and is within close proximity to the bicycle computer. Re-attempt the pairing process.
- **Data not uploading to PC:** Verify the USB connection is secure. Ensure the GPS Sports Center software is correctly installed and updated. Try restarting both the device and your computer.
- **Inaccurate readings:** Ensure all settings (e.g., wheel circumference if applicable, user profile) are correctly entered. For GPS-based data, ensure a strong signal.

## 8. SPECIFICATIONS

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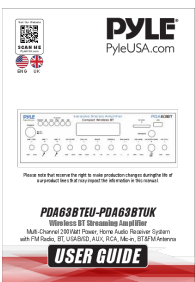

Feature	Specification
Brand	Pyle
Model Number	PSBCG90
Display Type	LCD, LED
Sensor Type	GPS Sensor
Connectivity Technology	USB, Wireless (ANT+, Bluetooth)
Battery Life (Operating)	Up to 80 Hours
International Protection Rating	IP54 (Dust and splash resistant)
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Product Dimensions	3.39 x 6.1 x 2.95 inches
Item Weight	10.6 ounces (0.3 Kilograms)




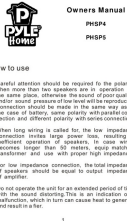
## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Pyle website. Keep your proof of purchase for warranty claims.

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### Related Documents - PSBCG90

	<p><a href="#">Pyle PDA63BTEU-PDA63BTUK 200W Wireless Bluetooth Amplifier User Guide</a></p> <p>Get the most out of your Pyle PDA63BTEU-PDA63BTUK 200W wireless Bluetooth streaming amplifier. This user guide covers setup, features, controls, technical specifications, and safety information for this multi-channel home audio receiver.</p>
	<p><a href="#">Pyle PBKSR40WT Desktop Wireless BT Bookshelf Speakers User Guide</a></p> <p>User guide for the Pyle PBKSR40WT Desktop Wireless BT Bookshelf Speakers, detailing setup, connections, troubleshooting, and technical specifications for optimal audio performance.</p>

	<p><a href="#">Pyle Cycle Series PEMCA60 PLMCA30 Motorcycle Amplifier and Speaker System User Manual</a></p> <p>Comprehensive user manual for the Pyle Cycle Series PEMCA60 and PLMCA30 motorcycle, ATV, and snowmobile amplifier and speaker systems, detailing installation, included parts, and specifications.</p>
	<p><a href="#">Pyle PL-BT73G GPS Navigation Software User Manual</a></p> <p>User guide for the Pyle PL-BT73G GPS Navigation Software, detailing setup, interface, settings, route planning, and safety guidelines for optimal in-car navigation.</p>
	<p><a href="#">Pyle PLATVB84A Motorcycle/ATV/Snowmobile Bluetooth Speaker System Owner's Manual</a></p> <p>Comprehensive owner's manual for the Pyle PLATVB84A 800W Bluetooth speaker system, detailing installation, wiring, Bluetooth pairing, and music playback for motorcycles, ATVs, and snowmobiles.</p>
	<p><a href="#">Pyle PHSP4 PHSP5 Owners Manual</a></p> <p>This owners manual provides essential instructions for connecting and operating Pyle PHSP4 and PHSP5 speakers, including wiring guidelines, impedance matching, and troubleshooting tips to ensure optimal sound quality and safe operation.</p>