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Sigma BC 9.16 ATS

Sigma BC 9.16 ATS Wireless Bicycle Computer Instruction Manual

Model: BC 9.16 ATS

INTRODUCTION

The Sigma BC 9.16 ATS is a wireless bicycle computer designed to provide essential cycling data in a compact and user-friendly format. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your device, ensuring you get the most out of its features.



Image: The main display unit of the Sigma BC 9.16 ATS Wireless Bicycle Computer.

1. SETUP

1.1 Package Contents

Before beginning installation, please verify that all components are present in your package:

- Bicycle computer (main unit, includes battery)
- Bracket for wireless models
- ATS Speed Transmitter (includes battery)
- Magnet
- Mounting material (e.g., zip ties)
- Operating instructions (this manual)



Image: All included components for the Sigma BC 9.16 ATS Wireless Bicycle Computer.

1.2 Battery Installation

The bicycle computer and ATS Speed Transmitter come with pre-installed Lithium Metal CR2032 batteries. If replacement is needed, refer to the Maintenance section.

1.3 Mounting the Device

The Sigma BC 9.16 ATS features tool-free mounting for easy installation.

1. **Install the Bracket:** Secure the bracket for the main unit to your handlebar or stem using the

provided mounting material. Ensure it is firmly attached and positioned for optimal viewing.

2. **Attach the ATS Speed Transmitter:** Mount the ATS Speed Transmitter to your bicycle's fork. Position it so that it aligns with the wheel magnet.
3. **Attach the Magnet:** Secure the magnet to a spoke on your front wheel. Ensure the magnet passes closely (within 5mm) to the ATS Speed Transmitter with each wheel rotation.
4. **Mount the Computer:** Slide the main computer unit onto the bracket until it clicks securely into place.



Image: Diagram showing the wireless speed sensor and magnet placement for data transmission.

1.4 Initial Settings

After installation, you will need to configure basic settings:

- **Language Selection:** Choose your preferred language from the seven available options.
- **Tire Size:** Set the correct tire size for accurate speed and distance measurements. The device allows for predefined tire sizes.



Image: The computer display showing the wheel size setting option.

2. OPERATION

2.1 Basic Functions

The BC 9.16 ATS provides the following cycling parameters:

- **Current Speed:** Displays your real-time cycling speed.
- **Distance:** Tracks the distance covered during your current trip.
- **Ride Time:** Records the duration of your current ride.
- **Calories:** Estimates calories burned during your ride.
- **Clock:** Shows the current time.
- **Total Calories:** Accumulates total calories burned over all rides.
- **Total Distance:** Accumulates total distance covered over all rides.
- **Total Trip Time:** Accumulates total ride time over all trips.



Image: The computer display showing the calories burned during a ride.

2.2 Automatic Start/Stop

The device features an automatic start/stop function. It will automatically begin recording data when you start cycling and pause when you stop, resuming when you continue your ride.

2.3 Display Navigation

Use the button(s) on the device to cycle through the various display modes and view different data parameters. The compact display is designed for clear readability.



Image: A close-up view of the Sigma BC 9.16 ATS display, showing clear digits.

2.4 Multi-Bike Use

The BC 9.16 ATS can be used with multiple bikes. You can set predefined tire sizes for different bicycles, allowing you to easily switch the computer between them while maintaining accurate data tracking.

3. MAINTENANCE

3.1 Water Resistance

The Sigma BC 9.16 ATS is watertight in accordance with the IPX8 standard, meaning it is protected against continuous immersion in water under specified conditions. This ensures reliable performance in various weather conditions.

3.2 Cleaning

To clean your device, use a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or casing.

3.3 Battery Replacement

Both the main computer unit and the ATS Speed Transmitter use CR2032 Lithium Metal batteries. When the battery indicator appears on the display or the device stops functioning, replace the battery:

1. Carefully open the battery compartment cover using a coin or appropriate tool.
2. Remove the old battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely to maintain water resistance.

4. TROUBLESHOOTING

If you encounter issues with your Sigma BC 9.16 ATS, consider the following common solutions:

- **No Display/Device Not Turning On:** Check if the battery is correctly installed and has sufficient charge. Replace the battery if necessary.
- **Inaccurate Speed/Distance Readings:** Ensure the ATS Speed Transmitter and magnet are correctly aligned and within the recommended distance (typically 5mm). Verify that the tire size setting is accurate.
- **No Signal/Intermittent Readings:** Check the battery in the ATS Speed Transmitter. Ensure there are no strong electromagnetic interference sources nearby. Re-position the transmitter and magnet if needed.
- **Automatic Start/Stop Not Working:** Confirm the device is properly mounted and the speed sensor is detecting wheel rotations.

For further assistance, please refer to the official Sigma Sport website or contact customer support.

5. SPECIFICATIONS

Feature	Specification
Model Number	09162
Product Dimensions	30 x 30 x 30 cm
Item Weight	54 g (0.05 Kilograms)
Colour	Black
Display Size	9.16 Inches
Display Type	FSTN

Batteries Required	2 Lithium Metal batteries (CR2032, included)
Battery Life	Approximately 100 Hours
Sensor Type	Speed Sensor
Connectivity Technology	Proprietary Wireless Protocol (ATS)
Water Resistance	IPX8 Standard
Mounting	Tool-Free

6. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your original packaging or visit the official Sigma Sport website. For technical support, frequently asked questions, or additional assistance, please contact Sigma Sport customer service through their official channels.