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› Sigma BC 12.0 Wireless Bike Computer User Manual

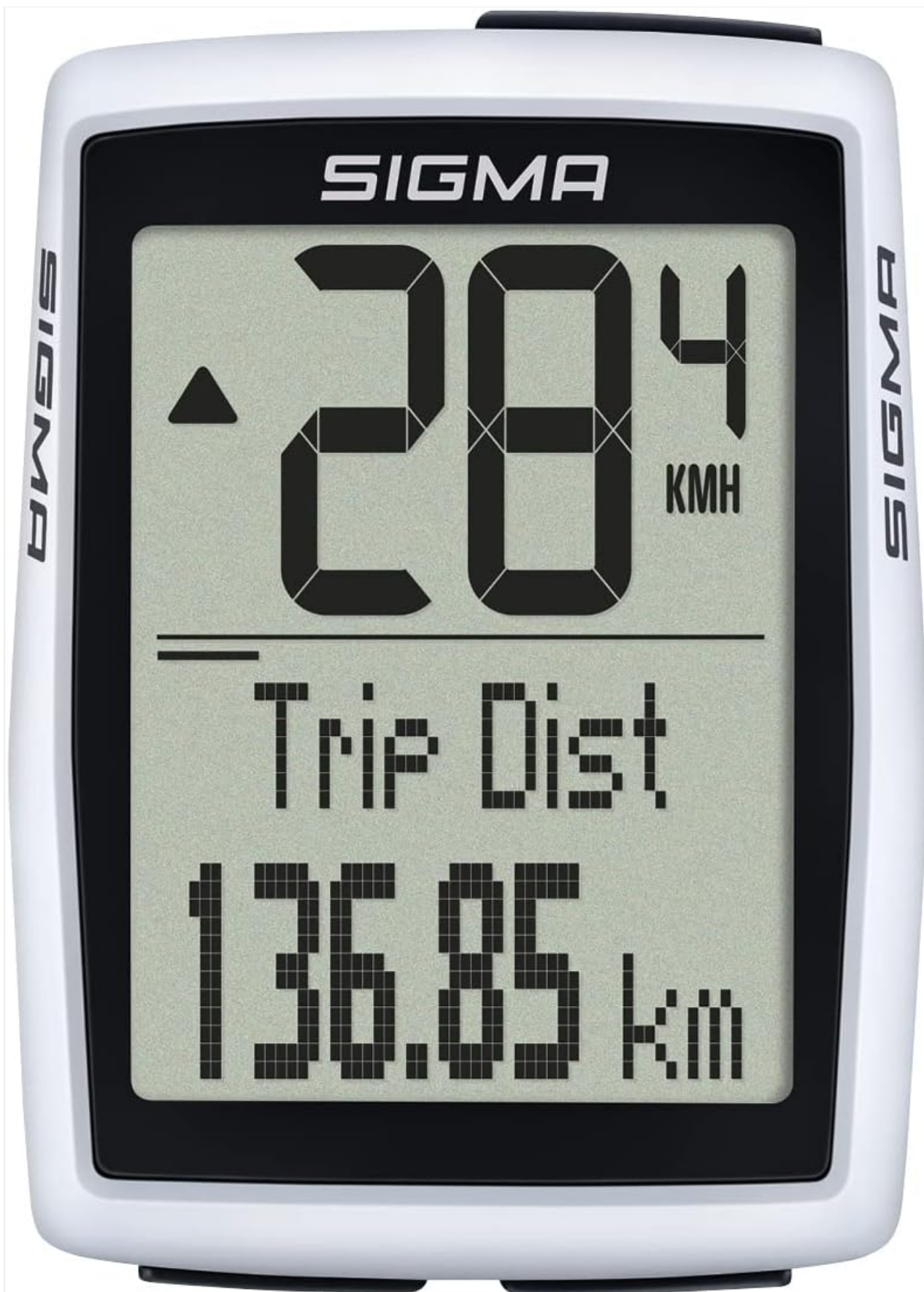
Sigma 12212

Sigma BC 12.0 Wireless Bike Computer User Manual

Model: BC 12.0 WL STS & CAD (12212)

1. INTRODUCTION

The Sigma BC 12.0 Wireless STS & CAD Bike Computer is designed to provide cyclists with essential data during their rides. This advanced wireless device tracks speed, cadence, and other key metrics, offering a comprehensive overview of your cycling performance. Its user-friendly interface and robust design make it an ideal companion for both casual riders and dedicated enthusiasts.



The main display of the Sigma BC 12.0 bike computer, showing current speed (28.4 km/h) and trip distance (136.85 km).

2. PACKAGE CONTENTS

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

- Sigma BC 12.0 Bike Computer Unit
- STS Speed Transmitter (Sensor)

- STS Cadence Transmitter (Sensor)
- Handlebar/Stem Mount
- Spoke Magnet
- Crank Magnet
- Mounting Zip Ties
- CR2032 Battery (for computer)
- CR2032 Batteries (for sensors)

PACKAGING INCLUDES



An overview of all items included in the Sigma BC 12.0 bike computer package, showing the computer unit, speed sensor, cadence sensor, mount, magnets, zip ties, and battery.

3. FEATURES

The Sigma BC 12.0 offers a comprehensive set of features to enhance your cycling experience:

- **12+ Functions:** Includes current speed, average speed, maximum speed, trip distance, total distance, riding time, total riding time, clock, temperature, current cadence, average cadence, and maximum cadence.
- **Wireless STS & CAD:** Reliable wireless transmission for speed and cadence data.
- **Backlight Function:** Ensures readability in low-light conditions.
- **Waterproof (IPX8):** Designed to withstand various weather conditions.
- **Predefined Tire Sizes:** Simplifies initial setup for accurate measurements.

- **Data Retention:** Integrated memory chip saves total values and settings when changing the battery.



The Sigma BC 12.0 bike computer displaying different functions such as speed, cadence, and temperature, highlighting its versatility for tracking various cycling metrics.

4. SETUP

4.1 Battery Installation

The Sigma BC 12.0 bike computer and its sensors use CR2032 batteries. To install or replace the battery in the computer unit, carefully open the battery compartment cover on the back. Insert the CR2032 battery with the positive (+) side facing up. Close the cover securely. The device is designed to retain all total values and settings when the battery is changed, ensuring no data loss.

2+ YEARS BATTERY LIFETIME



When changing the battery, an integrated memory chip saves all total values and settings.

The underside of the Sigma BC 12.0 bike computer with its battery compartment open, showing a CR2032 battery ready for insertion. The image emphasizes the device's 2+ years battery lifetime and data retention feature.

4.2 Mounting the Computer and Sensors

Mount the computer unit to your handlebar or stem using the provided mount and zip ties. Ensure it is securely fastened and positioned for easy viewing. The speed sensor should be mounted on the front fork, aligning with the spoke magnet attached to one of your wheel spokes. The cadence sensor attaches to the chainstay, aligning with the crank magnet on your pedal crank arm. Proper alignment is crucial for accurate data transmission.

WATERPROOF



The Sigma BC 12.0 bike computer securely mounted on a bicycle handlebar, demonstrating its waterproof design as raindrops are visible on its screen and casing.

4.3 Initial Configuration

After battery installation and mounting, configure the computer for accurate readings:

1. **Wheel Size:** Set the correct wheel size (circumference) for your bicycle. This is critical for accurate speed and distance measurements. The computer offers predefined tire sizes for convenience.
2. **Units:** Select your preferred units for speed and distance (km/h or mph, km or miles).
3. **Time:** Set the current time.
4. **Personal Settings:** Input any other personal preferences as prompted by the device.

PREDEFINED TIRE SIZES



16"
18"
20"
22"
24"
26"
27"
27.5"
28"
29"

The Sigma BC 12.0 bike computer screen showing the 'Wheelsize' setting, with a list of predefined tire sizes (e.g., 16" to 29") to choose from for accurate speed and distance calculations.

5. OPERATING INSTRUCTIONS

5.1 Display Overview

The Sigma BC 12.0 features a clear 2.0-inch LCD. The top section typically displays current speed, while the bottom section cycles through various functions such as trip distance, riding time, cadence, and temperature. Use the buttons on the device to navigate between different data screens and access settings.

2.0" SCREEN

WITH
BACKLIGHT
FUNCTION



The Sigma BC 12.0 bike computer shown with its dimensions (depth 13mm, height 60mm, width 44mm) and highlighting its 2.0-inch screen and backlight function for improved visibility.

5.2 Functions and Navigation

Press the designated button (usually located on the bottom or side) to cycle through the available functions. Each press will display a different metric. To reset trip-specific data (e.g., trip distance, riding time), typically press and hold a specific button while on the relevant screen. Refer to the quick start guide included with your product for exact button functions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Sigma BC 12.0 bike computer:

- **Cleaning:** Clean the device and sensors with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or casing.
- **Battery Replacement:** Replace the CR2032 batteries in the computer and sensors when the low battery indicator appears. Ensure correct polarity during installation.
- **Storage:** When not in use for extended periods, store the computer in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your Sigma BC 12.0, consider the following common problems and solutions:

- **No Speed/Cadence Reading:**
 - Check sensor and magnet alignment. Ensure the magnet passes closely by the sensor.
 - Verify sensor battery status. Replace if necessary.
 - Ensure the computer is correctly paired with the sensors (refer to initial setup instructions).
- **Incorrect Speed/Distance:**
 - Confirm the correct wheel size is set in the computer's settings.
- **Display Not Working:**
 - Check the computer's battery. Replace if low or depleted.
 - Ensure the battery is inserted with correct polarity.
- **Device Unresponsive:**
 - Try removing and reinserting the battery to perform a soft reset.

For persistent issues, please refer to the detailed troubleshooting section in the full product manual or contact Sigma customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	12212
Product Dimensions	6 x 4.4 x 1.6 cm
Item Weight	144 g
Batteries	1 CR2 (included)
Display Size	29 Inches (LCD)
Display Type	LCD
Connectivity Technology	ANT+, Bluetooth
Sensor Type	Cadence Sensor, Speed Sensor
International Protection Rating	IPX8 (Waterproof)
Mounting Type	Handlebar Mount
Included Components	Bike Computer, Speed Sensor, Cadence Sensor, Mount, Magnets, Zip Ties, Batteries

9. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Sigma Sport website or contact their customer service department. Keep your proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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