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› Sigma BC 12.0 Wireless STS Bike Computer User Manual

Sigma BC 12.0 Wireless STS

Sigma BC 12.0 Wireless STS Bike Computer User Manual

Model: BC 12.0 Wireless STS

Brand: Sigma

1. INTRODUCTION

Welcome to the user manual for your new Sigma BC 12.0 Wireless STS Bike Computer. This device is designed to provide cyclists with essential data, including speed, distance, time, and temperature, with the convenience of wireless transmission. Its robust, weatherproof design and long battery life make it a reliable companion for your rides. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your bike computer.

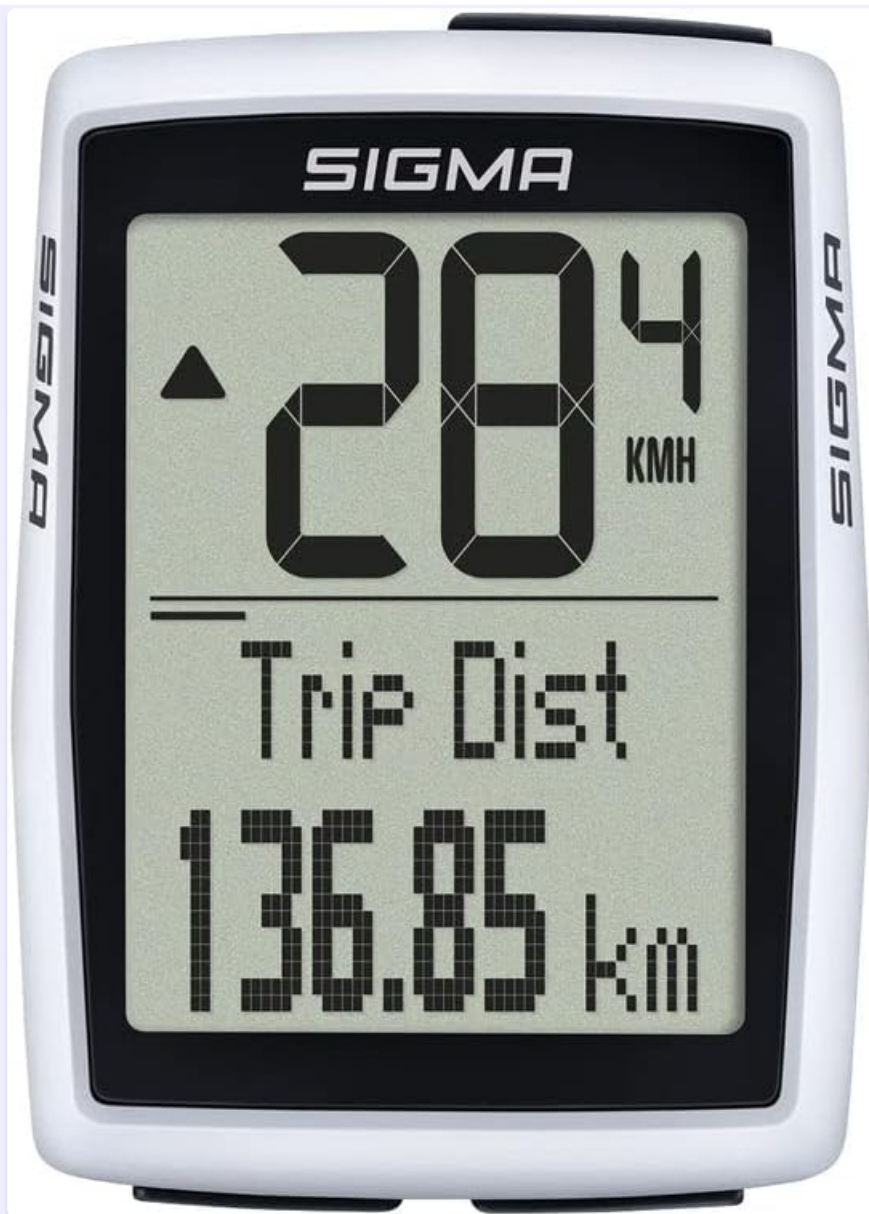


Image: The Sigma BC 12.0 Wireless STS Bike Computer, showing its clear display with current speed and trip distance.

2. INCLUDED COMPONENTS

Before you begin, please ensure all the following components are present in your package:

- Sigma BC 12.0 Wireless STS Bike Computer Unit
- Wireless Speed Transmitter
- Magnet for Wheel Spoke
- Handlebar/Stem Bracket
- CR 2032 Battery (pre-installed or separate)
- Cable Ties for Mounting
- User Manual (this document)

An optional cadence sensor is available as a separate accessory for enhanced tracking.

3. SETUP AND INSTALLATION

3.1 Mounting the Bracket and Sensor

1. **Attach the Handlebar/Stem Bracket:** Secure the bracket to your bicycle's handlebar or stem using the provided cable ties. Ensure it is firmly in place and positioned for easy viewing.
2. **Install the Speed Transmitter:** Mount the wireless speed transmitter to the bicycle fork, aligning it with the wheel spoke. Use the provided cable ties to secure it.
3. **Position the Magnet:** Attach the magnet to a spoke on your front wheel. Adjust its position so that it passes within 5mm of the speed transmitter with each wheel rotation.

For alternative mounting options, the BC 12.0 is compatible with the SIGMA OVERCLAMP BUTLER or LONG BUTLER handlebar brackets, sold separately. These accessories offer different viewing angles and handlebar organization.



Image: Visual guide demonstrating the simple installation process with cable ties and the optional cadence sensor setup.

3.2 Initial Setup and Tire Size

After mounting, insert the BC 12.0 computer unit into the bracket. The device will power on. You will need to set the tire size for accurate speed and distance measurements. The computer offers pre-defined tire sizes for various bike types, or you can enter the exact tire circumference in millimeters for precise calibration. Refer to the on-screen prompts and use the buttons to navigate the settings menu.

4. OPERATION

4.1 Button Functions

The BC 12.0 WL operates intuitively with three buttons:

- **Top Button:** Typically used for menu navigation or confirming selections.
- **Lower Left Button:** Used to scroll through functions or decrease values.
- **Lower Right Button:** Used to scroll through functions or increase values.

Pressing the menu button (usually the top button) will take you to the settings and monthly statistics.

4.2 Display Functions

The BC 12.0 WL offers 12 core functions, which can be cycled through using the lower buttons:

- Current Speed
- Trip Distance
- Total Distance
- Trip Time
- Total Trip Time
- Clock
- Average Speed
- Average Speed Comparison (vs. current speed)
- Maximum Speed
- Current Temperature
- Monthly Statistics (for the last 12 months)
- Two Bike Operation (allows use with two different bikes, switching between profiles)

The large 31 x 41 mm display ensures easy readability. The integrated backlight can be activated for visibility in low-light conditions.



Image: The BC 12.0 WL computer showcasing its various measurement functions, including distance, speed, and ride time.

AN EYE ON TEMPERATURE INTEGRATED THERMOMETER

Temperatur
23.4 °C



LARGE BACKLIT DISPLAY EASILY READ YOUR VALUES EVEN WHEN IT IS DARK



Image: Features like integrated thermometer, wireless data transfer without interference, and the large backlit display for easy reading in the dark.

4.3 Language Settings

The BC 12.0 WL supports multiple languages: English, German, French, Italian, Spanish, Dutch, and Polish. You can change the language through the settings menu.

5. MAINTENANCE

5.1 Battery Replacement

The BC 12.0 WL uses a replaceable CR 2032 button battery, which typically lasts for over two years. When the battery level is low, a low battery indicator will appear on the display. To replace the battery:

1. Carefully open the battery compartment on the back of the computer unit.
2. Remove the old CR 2032 battery.
3. Insert a new CR 2032 battery with the positive (+) side facing up.
4. Securely close the battery compartment.

All total values and settings are protected during battery replacement, so you will not lose your data.

5.2 Cleaning and Care

The BC 12.0 WL is water-resistant and weatherproof. To clean the unit, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing. Ensure the unit is dry before storing or using it in wet conditions.

6. TROUBLESHOOTING

6.1 No Speed/Distance Display

- **Check Magnet Alignment:** Ensure the wheel magnet passes within 5mm of the speed transmitter. Adjust if necessary.
- **Check Transmitter Battery:** Although the main unit battery powers the display, the transmitter also has a battery. If the issue persists, consider replacing the transmitter battery (if applicable, refer to transmitter specific instructions).
- **Re-pair Devices:** In rare cases, the wireless connection might need to be re-established. Refer to the settings menu for pairing options.

6.2 Display Not Working or Faint

- **Check Main Unit Battery:** Replace the CR 2032 battery if the display is faint or not showing anything.
- **Temperature Extremes:** Extreme cold or heat can affect LCD performance. Allow the unit to return to moderate temperatures.

6.3 Inaccurate Readings

- **Tire Size Setting:** Verify that the correct tire circumference is entered in the settings. An incorrect setting will lead to inaccurate speed and distance.
- **Interference:** While designed to minimize interference, strong electromagnetic fields from other electronic devices might rarely affect wireless transmission. Move away from such sources if possible.

7. SPECIFICATIONS

Feature	Detail
Brand	Sigma
Model	BC 12.0 Wireless STS
Color	White
Screen Size	29 Inches (diagonal, likely referring to display area, not actual screen size)
Display Type	LCD, Backlit
Sensor Type	Speed Sensor (Cadence Sensor optional)
Connectivity Technology	Wireless (STS encoded transmission)
Included Components	Bracket, Magnet, Battery, Manual, Mounting Material
Mounting Type	Handlebar Mount, Stem Mount
Human Interface Input	Buttons
Material	Plastic
Battery Type	CR 2032 (replaceable)

Battery Life	Approx. 2+ years
Water Resistance	Weatherproof, Water-resistant

Image: A lineup of Sigma BC bike computer models, highlighting the 'Designed in Germany' origin.

8. WARRANTY AND SUPPORT

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

You can visit the [Sigma Store on Amazon](#) for more information and accessories.

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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.

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