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› Magene C506SE Wireless GPS Bike Computer User Manual

Magene

Magene C506SE Wireless GPS Bike Computer User Manual

Model: C506SE

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Magene C506SE Wireless GPS Bike Computer. Please read this manual thoroughly before using the device to ensure optimal performance and safety.





Figure 1: Magene C506SE Wireless GPS Bike Computer

The Magene C506SE features a 2.4-inch color screen, offering clear visibility and weighing only 74g for easy handling. It includes three auxiliary buttons for straightforward operation during cycling.

WHAT'S IN THE BOX

- Magene C506SE Bike Computer
- Charging Cable (Type-C)
- User Manual
- Safety Strap
- Replaceable Mount for Bike Computer Rack

SETUP AND INSTALLATION

Proper installation ensures stable performance and accurate data collection.

Mounting the Bike Computer

1. **Handlebar Mount:** Secure the provided mount to your bicycle's handlebar using the rubber bands. Wrap the rubber band around the handlebar and fasten the mount with the bayonet on the bottom.
2. **Rack Installation:** If using a compatible bike computer rack, install the provided replacement base onto the rack. Ensure it is securely fastened for perfect compatibility.

3. **Attaching the C506SE:** Place the C506SE onto the mount. For optimal GPS signal reception, ensure the bike computer is facing upward. Press and rotate it in the direction of the arrow until it clicks into place.



Delicate Color Screen



- 2.4" color screen
- 74g light weight
- 3 auxiliary buttons design

Figure 2: The Magene C506SE features a 2.4-inch full-laminated color screen for clear visibility in all conditions. It weighs only 74g and has three auxiliary buttons for easy operation.

Initial Configuration and App Pairing

To configure your C506SE and synchronize data, use the OnelapFit APP.

1. **Download OnelapFit APP:** Download the OnelapFit APP from your phone's app store or scan the QR code in the manual.
2. **Registration and Login:** Complete the registration process and log in to the OnelapFit APP. Fill out your personal information for accurate data analysis.
3. **Add Bike Computer:** In the app, navigate to "My Bike Computer" and select the C506SE model. Tap the bike computer icon in the upper right corner to initiate pairing.
4. **Pairing and Activation:** Follow the on-screen instructions to connect and bind the bike computer. The app will

automatically search for and connect to the C506SE.

5. **Data Synchronization:** Once paired, the app will automatically sync your ride records and updated data each time you open it.

Your browser does not support the video tag.

Video 1: Magene C506SE User Manual. This video provides a comprehensive guide to installing the bike computer, configuring it with the OnelapFit app, understanding button functions, GPS positioning, riding modes, sensor connections, navigation, indoor training, history records, system settings, data management, and personal profile setup.

OPERATING INSTRUCTIONS

Button Functions

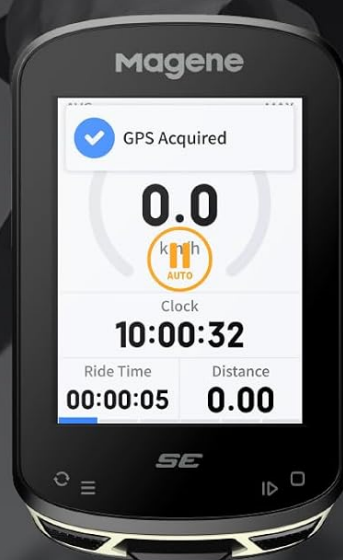
- **Top Button (A):** Long press to turn on/off the device, black the screen, or return to the previous screen. During cycling, click to count laps.
- **Left Button (B):** Click to switch data pages. Long press to enter settings.
- **Right Button (C):** Click to start or pause a ride. Long press to end a ride.

GPS Positioning

After turning on the bike computer, ensure you are in an open outdoor area free from towering structures, trees, or viaducts for optimal GPS signal acquisition. The positioning icon in the top left corner of the screen will flash while positioning and remain solid once positioning is accomplished. The C506 SE, featuring the high-precision Airoha chipset, ensures swift and accurate positioning within 5 seconds, thanks to over 300 days of rigorous calibration and AGNSS support. Offline AGNSS remains valid for approximately 14 days.



High-Precision Airoha Chipset



Swift & Accurate Positioning in 5s

Figure 3: The C506 SE quickly acquires GPS signals, indicated by the "GPS Acquired" message on the screen.

Riding and Data Display

Once positioned, the default homepage will appear. Click the Right Button (C) to start your ride and access the riding page. The ride will automatically pause if your speed drops below the preset auto-stop speed. You can also manually pause or resume the ride using the Right Button (C).

The C506SE offers customizable layouts for personalized data needs. Experience a vibrant, colorful screen display that presents key data clearly with circular dials, line graphs, and bar charts. With support for 108 data items across 14 categories, you get a comprehensive view of your cycling performance at a glance.



Extensive Data Support

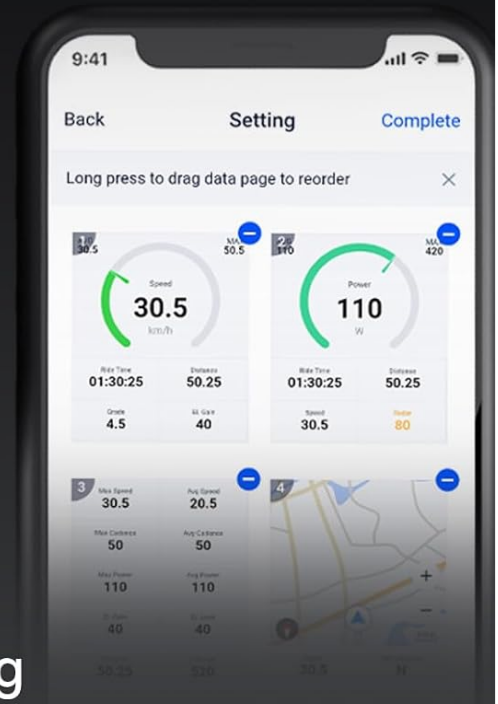
Clock **19:31** El. Gain **186**

AVG **26.7** MAX **46.6**
Speed
36.9
km/h
Radar
130
m

Puissance
386
Fréquence cardiaque
167



AVG **26.7** Speed **36.9** MAX **46.6**



- Colorful screen display including line graphs and more
- 108 data items in 14 categories

Figure 4: The C506SE provides extensive data support with a colorful screen display, including circular dials, line graphs, and bar charts, covering 108 data items in 14 categories.

Navigation

The C506SE supports colorful navigation and turning tips. You can create custom routes or upload GPX files via the OnelapFit APP. The device provides off-course alerts and route re-planning when connected to OnelapFit. Detailed turning road names are provided with automatic zoom and prompts.



Colorful Route Navigation



- GPX file import
- Support off-course alert
- Provide turning road name details

Figure 5: The C506SE offers colorful route navigation with GPX file import, off-course alerts, and detailed turning road name prompts.

Sensor Connection

The Magene C506SE GPS Bike Computer supports 9 types of devices, meeting various cycling needs. It connects via ANT+ and Bluetooth to:

- Speed Sensors
- Cadence Sensors
- Heart Rate Monitors
- Power Meters
- Smart Trainers
- Radar Tail Lights
- Smart Tail Lights
- Electronic Shifting Systems

Multiple sensors of the same type can be memorized by the C506SE. When the device turns on, it will automatically

attempt to connect to all remembered sensors. You can configure sensors either on the bike computer or via the OnelapFit APP.

Indoor Training

The C506 SE transforms your indoor training experience by connecting to a smart trainer. You can customize your power target, resistance level, and gradient to focus on performance improvement without outdoor distractions. The device supports three training modes: Target Power, Resistance Level, and Gradient. After setting up your preferred mode, select "Start" to begin training. All three modes allow intensity adjustments, but changes cannot be made while riding.



Figure 6: The C506SE serves as an indoor cycling companion, allowing free indoor training when connected to a smart trainer. Customize your power, resistance, and grade settings.

History Record

The C506SE stores your cycling data. You can view your history records, including data statistics (total mileage, time, riding days) and route details, directly on the device. The OnelapFit APP also provides comprehensive analysis with 37 data items and 14 charts, supporting settings, data sync, and training functions. You can share your achievements on STRAVA and TrainingPeaks effortlessly.

System Settings

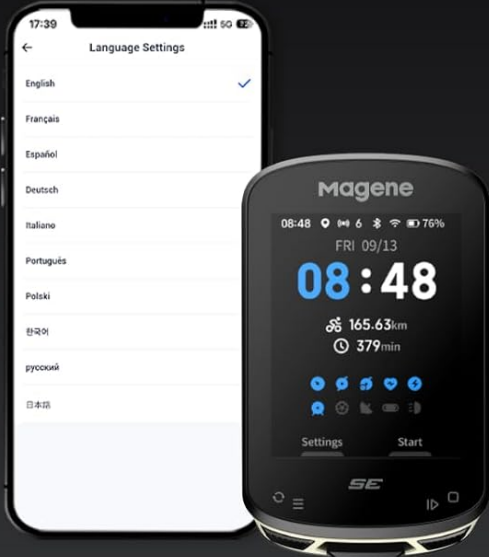
You can upgrade firmware or change the language in the system settings on the bike computer. The C506 SE offers a familiar and comfortable interface with support for 11 languages, including English, Spanish, Portuguese, German, French, Italian, Polish, Traditional Chinese, Korean, Japanese, and Russian.

The bike computer has Auto Brightness, Brightness Adjustment, Key Tone, and Prompt Tones functions. The auto brightness feature may be turned on or off, and brightness can also be manually adjusted. Both prompt tones and key tones are adjustable.



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Break Language Barrier



Both bike computer and OnelapFit APP support multiple languages, including English, Spanish and more

The image shows a smartphone screen displaying the 'Language Settings' menu with a list of 11 languages: English (selected), Français, Español, Deutsch, Italiano, Português, Polski, 한국어, pyccckий, and 日本語. Next to it is the Magene C506 SE bike computer, which displays the time 08:48, date FRI 09/13, distance 165.63km, and time 379min. The bike computer also has 'Settings' and 'Start' buttons at the bottom.

Figure 7: The C506SE supports 11 languages, breaking language barriers for global riders.

Data Management

The OnelapFit APP allows for data retransmission without worrying about data duplication. If any portion of the data has been synced before, it will be instantly replaced, ensuring data integrity.

Personal Profile

Set up your body data in the OnelapFit APP to ensure accurate calculation and analysis of your exercise data. In addition

to basic information like your birthdate and height, you may enter more detailed information such as weight, FTP (Functional Threshold Power), MHR (Maximum Heart Rate), and LTHR (Lactate Threshold Heart Rate). The app provides function suggestions to aid in your understanding of these metrics.

SPECIFICATIONS

Feature	Detail
Item Weight	2.61 ounces
Product Dimensions	3.07 x 1.89 x 0.69 inches
Display Size	2.4 Inches
Battery Life	24 Hours
Waterproof Rating	IP54
Connectivity	Bluetooth, WiFi, ANT+
Supported Devices	Speed sensors, cadence sensors, heart rate monitors, power meters, smart trainers, radar tail lights, smart tail lights, electronic shifting systems
GPS Positioning	High-precision Airoha chipset, AGNSS support
Languages Supported	11 (English, Spanish, Portuguese, German, French, Italian, Polish, Traditional Chinese, Korean, Japanese, Russian)

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Charging:** Charge the device using the provided Type-C charging cable. Ensure the charging port cover is securely closed to maintain IP54 waterproof rating.
- **Storage:** Store the device in a cool, dry place when not in use. Avoid extreme temperatures.
- **Firmware Updates:** Regularly check for and install firmware updates via the OnelapFit APP to ensure optimal performance and access to new features.

TROUBLESHOOTING

- **Device Not Powering On:** Ensure the device is fully charged. If the issue persists, try connecting it to a different power source.
- **GPS Signal Issues:** Ensure you are in an open area with a clear view of the sky. Avoid areas with tall buildings, dense trees, or tunnels.
- **Sensor Connection Problems:** Verify that sensors are properly installed and have working batteries. Ensure the C506SE is within range of the sensors. Re-pair sensors if necessary via the OnelapFit APP.
- **App Sync Issues:** Ensure your phone's Bluetooth and WiFi are enabled. Check for app updates and ensure a stable internet connection.
- **Navigation Inaccuracies:** Ensure the device has a strong GPS signal. Routes created or imported via the OnelapFit APP should be verified for accuracy before use.

WARRANTY AND SUPPORT

The Magene C506SE Wireless GPS Bike Computer comes with a 1-Year Warranty. For technical support, troubleshooting assistance, or warranty claims, please contact Magene FITNESS US, the seller, directly through the Amazon platform. You can typically find their contact information on the product page under "Sold by" or by navigating to your order details. For additional resources and information, visit the [Magene Store on Amazon](#).

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

Answered questions about this manual

How do I connect my Magene C506SE Wireless GPS Bike Computer to my home Wi-Fi?

To connect your Magene C506SE to Wi-Fi, you must use the OnelapFit APP on your smartphone. The device uses Wi-Fi primarily for data synchronization and firmware updates.Follow these steps to troubleshoot and establish a...

[Read full answer](#)