Walfront YA100A

Walfront YA100A Bike Computer Instruction Manual

Model: YA100A | Brand: Walfront

1. PRODUCT OVERVIEW

The Walfront YA100A Bike Computer is a versatile cycling speedometer designed to track your speed, cadence, distance, and other essential metrics. Featuring a clear 2.8-inch LCD display with backlight, it ensures readability in various lighting conditions. Its wireless design and easy-to-operate physical buttons make it a convenient tool for any cyclist.

Image 1.1: The Walfront YA100A Bike Computer with its included accessories, including the main unit, sensor, and mounting hardware.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Walfront YA100A Bike Computer (Main Unit)

- 1 x Speed and Cadence Sensor

- 1 x Mounting Base for Computer

- 1 x Handlebar Mounting Bracket

- 1 x Wheel Magnet

- 1 x Screw

- 3 x Adhesive Tapes

- 4 x Cable Ties

- 1 x User Manual

- Battery (pre-installed or included separately)

Image 2.1: A visual representation of the bike computer and its various components, including the main unit, sensor, and mounting accessories.

3. SETUP AND INSTALLATION

3.1. Sensor Battery Installation

The speed and cadence sensor requires a battery for operation. Follow these steps to install or replace the battery:

1. Gently twist the back cover of the sensor to open the battery compartment.
2. Remove any insulating sheet if it's the first use.
3. Insert the CR2032 button cell battery with the positive (+) side facing up.
4. Replace the back cover and twist to secure it.

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Video 3.1: This video demonstrates the battery installation process for a CooSpo cycling speed and cadence sensor, which is similar to the Walfront sensor. It shows how to open the compartment, remove the insulating sheet, and insert the battery.

Image 3.1: Close-up view of the sensor's battery compartment, showing the CR2032 battery slot.

3.2. Sensor Mounting (Speed or Cadence)

The sensor can be configured as either a speed sensor or a cadence sensor. The installation method varies based on its intended function.

For Cadence Tracking:

Attach the sensor to the inner side of your bike's left crank arm using the provided rubber bands or cable ties. Ensure it is securely fastened and does not interfere with pedaling.

For Speed Tracking:

Attach the sensor to the rear wheel hub. Ensure the sensor is aligned with the wheel magnet, which should be installed on a spoke opposite the valve. The gap between the sensor and the magnet should be less than 12mm.

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Video 3.2: This video illustrates the installation process for a CooSpo BK9 cycling cadence speed sensor, showing how to attach it to the bike's crank arm or wheel hub using cable ties and magnets.

Image 3.2: The speed/cadence sensor shown with cable ties, ready for installation on the bike frame or crank arm.

Image 3.3: Various mounting brackets and accessories for the bike computer and sensor, including rubber bands and zip ties.

3.3. Bike Computer Mounting

Use the provided mounting base and handlebar bracket to securely attach the Walfront YA100A Bike Computer to your bicycle's handlebars. Ensure it is positioned for easy viewing during your ride.

Image 3.4: The Walfront YA100A Bike Computer mounted on a bicycle handlebar, showing its position for optimal visibility.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press and hold the **SET** button (usually the left button) for a few seconds to power on or power off the device.

4.2. Display Overview

The 2.8-inch LCD screen displays various cycling data. The soft white backlight ensures clear visibility during both day and night rides.

Image 4.1: Comparison of the bike computer's display readability during daytime with clear handwriting and at night with bright backlight.

4.3. Button Functions

The bike computer features two physical buttons for easy operation:

- **SET Button:** Used for powering on/off, entering settings, and confirming selections.
- **MODE Button:** Used for cycling through different display modes and adjusting values in settings.

4.4. Display Modes

Press the **MODE** button to cycle through the following data displays:

- Current Speed
- Maximum Speed
- Average Speed
- Distance Traveled
- Travel Time
- Cadence (if sensor is active)
- Calorie Consumption
- Temperature
- Stopwatch
- Maintenance Scanning Function

4.5. Pairing with Cycling Devices and Apps

The Walfront YA100A Bike Computer and its sensor can be paired with compatible cycling computers and smartphone applications (e.g., Zwift) to enhance your tracking capabilities. Refer to your cycling computer or app's instructions for specific pairing procedures. Generally, ensure the sensor is active (spin the wheel or crank) and search for new sensors in your device's settings.

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Video 4.2: This video demonstrates how to pair a cycling speed and cadence sensor with a cycling computer and a

5. MAINTENANCE

5.1. Battery Replacement

When the battery indicator on the display is low, replace the CR2032 button cell battery in the sensor following the steps outlined in Section 3.1. The main unit's battery life is typically long-lasting; refer to the product specifications for expected duration.

5.2. Cleaning

Wipe the bike computer and sensor with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the display or casing.

5.3. Water Resistance

The Walfront YA100A Bike Computer is designed with good waterproof effects, allowing it to be used in adverse weather conditions. However, avoid submerging the device in water.

Image 5.1: The bike computer demonstrating its water resistance by being placed in a glass of water.

6. TROUBLESHOOTING

- **No Display/Power:** Ensure the battery is correctly installed and charged. Press and hold the SET button to power on.
- **Incorrect Speed/Cadence Readings:** Verify that the sensor is correctly installed and aligned with the magnet (for speed) or crank arm (for cadence). Ensure the gap between the sensor and magnet is less than 12mm. Check the sensor battery.
- **Pairing Issues:** Make sure the sensor is active (spin the wheel/crank) and within range of the bike computer or app. Check Bluetooth settings on your phone if pairing with an app.
- **Display Not Clear:** Adjust the backlight settings if available. Ensure the screen is clean and free from obstructions.

7. SPECIFICATIONS

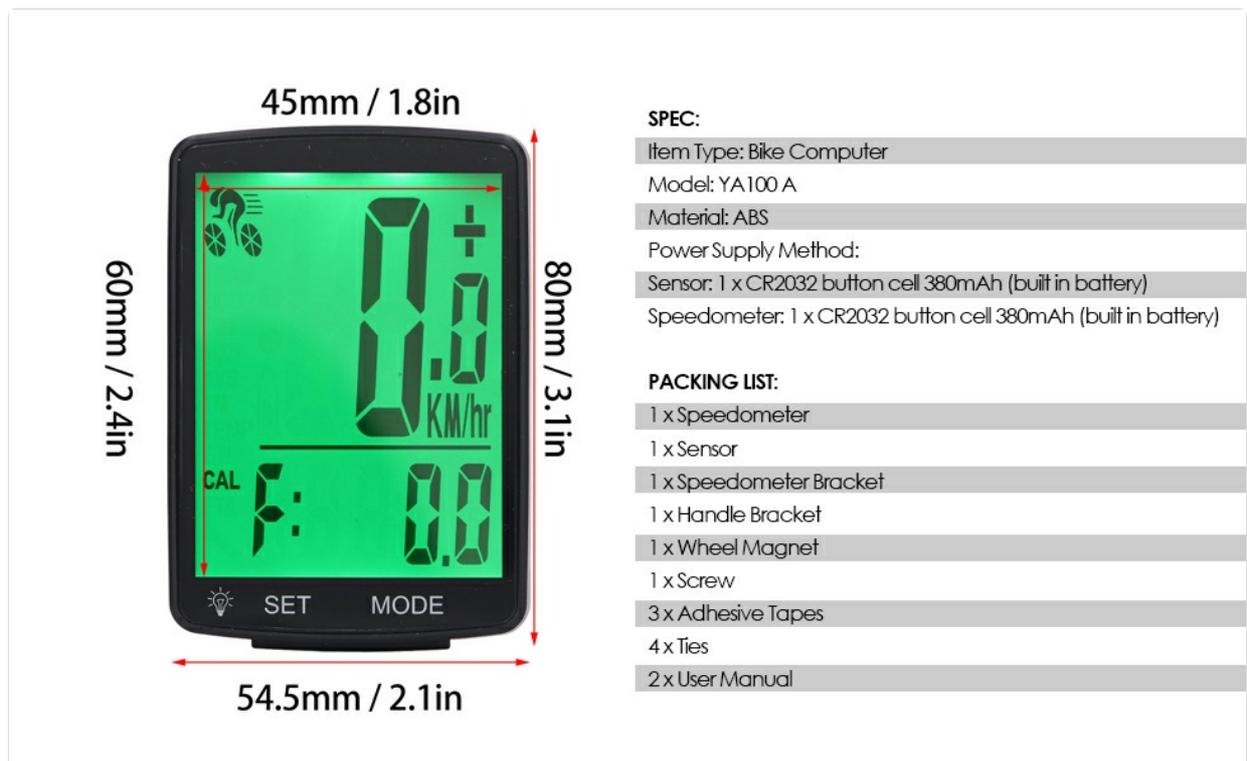| Feature	Detail
Model Number	WALFRONT1det84qfux (YA100A)
Display Size	2.8 Inches
Display Type	LCD with Backlight
Sensor Type	Cadence Sensor (also functions as Speed Sensor)
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Item Weight	152 g
Color	Black

Image 7.1: Detailed specifications and dimensions of the Walfront YA100A Bike Computer and its components.

8. WARRANTY AND SUPPORT

Walfront products are designed for reliability and performance. For warranty information, please refer to the specific terms provided with your purchase or contact Walfront customer support directly. If you encounter any issues or have questions regarding your Walfront YA100A Bike Computer, please reach out to our customer service team for assistance.

Contact information can typically be found on the product packaging or on the official Walfront website.