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## CATEYE CC-VT230W

# CatEye Velo Wireless-CC-VT230W Cycle Computer User Manual

Model: CC-VT230W

## INTRODUCTION

The CatEye Velo Wireless cycling computer, model CC-VT230W, is designed as a training aid for cyclists seeking to monitor key performance data without the clutter of wires. This device tracks current, average, and maximum speed, distance, ride time, and time of day. Utilizing this data can assist in improving fitness over time. The unit includes a mount compatible with stems or handlebars.

## PRODUCT OVERVIEW

The CatEye Velo Wireless computer provides essential cycling metrics. It features an easy-to-read display and simple button interface for navigation.

### Key Features:

- Easy to install on most bikes
- Programmable odometer
- Menu screen for setting changes
- Pace arrow indicator
- Automatic Start/Stop function
- Analog Wireless connectivity
- Includes a zip tie mount compatible with stem or handlebars
- Functions include: Current speed, Average speed, Maximum speed
- Records trip distance and total distance
- Elapsed time counter
- Calorie consumption counter

### Components:



Front view of the CatEye Velo Wireless cycle computer, showing the display and single button.



All components included with the CatEye Velo Wireless: the computer unit, sensor, wheel magnet, mount, and zip ties.

CAT EYE

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ACE  
0776570  
MADE IN JAPAN  
BATTERY RESET ▶ PRESS AC  
CR2032 3V

AC

MENU

CC-VE-230W

Rear view of the CatEye Velo Wireless computer, showing the battery compartment and mounting points.



Side profile of the CatEye Velo Wireless computer, highlighting its slim design.

## SETUP

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Proper setup is crucial for accurate readings. This section guides you through the installation process.

## Initial Configuration:

- Install Battery:** Open the battery compartment on the back of the computer unit and insert the CR2032 battery, ensuring correct polarity.
- Power On:** The unit will power on automatically or by pressing the main button.
- Set Units:** Navigate through the menu to select your preferred units (mph or kph).
- Set Wheel Size:** Accurately measure your bicycle's wheel circumference and input the value into the computer. Refer to your bicycle's manual or online resources for common wheel sizes.
- Set Time:** Adjust the current time and select 12-hour or 24-hour format.

## Mounting the Components:

- Mount the Computer:** Attach the computer mount to your bicycle's stem or handlebars using the provided zip ties. Ensure it is securely fastened and positioned for easy viewing.
- Mount the Sensor:** Secure the speed sensor to your bicycle's front fork using zip ties. Position it so that the magnet on the spoke will pass closely by the sensor.
- Attach the Magnet:** Fasten the wheel magnet to a spoke on your front wheel. Adjust its position so that it aligns with the sensor and passes within 5mm (0.2 inches) of the sensor's marked area with each wheel rotation.
- Test Connection:** Spin the front wheel to verify that the computer registers speed. If not, check the alignment of the sensor and magnet, and ensure batteries are correctly installed.

## Setup Video Guide:

For a visual guide on setting up your CatEye Velo Wireless computer, please watch the official video below:

Your browser does not support the video tag.

Official video demonstrating the setup and basic functions of the CatEye Velo Wireless cycle computer.

## OPERATION

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The CatEye Velo Wireless is designed for intuitive operation. Use the single button to cycle through display modes and access settings.

### Display Modes:

Press the main button on the front of the unit to switch between different display modes:

- Current Speed (SPD):** Shows your real-time speed.
- Average Speed (AV):** Displays your average speed for the current trip.
- Maximum Speed (MX):** Records the highest speed achieved during the current trip.
- Trip Distance (DST):** Shows the distance covered in the current trip.
- Total Distance (ODO):** Displays the total accumulated distance.
- Elapsed Time (TM):** Shows the duration of the current ride.
- Clock:** Displays the current time.
- Calorie Consumption (CAL):** Estimates calories burned during the ride.

### Automatic Start/Stop:

The computer automatically starts recording when you begin cycling and pauses when you stop, resuming when you start moving again. This conserves battery life and simplifies operation.

## Resetting Trip Data:

To reset trip-specific data (Average Speed, Maximum Speed, Trip Distance, Elapsed Time, Calorie Consumption), navigate to any of these modes and press and hold the main button until the values reset to zero.

## MAINTENANCE

To ensure the longevity and optimal performance of your CatEye Velo Wireless computer, follow these maintenance guidelines:

- Cleaning:** Wipe the unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Battery Replacement:** When the low battery indicator appears, replace the CR2032 battery in both the computer unit and the sensor (if applicable). Ensure proper disposal of old batteries according to local regulations.
- Storage:** If storing the unit for an extended period, remove the batteries to prevent leakage. Store in a cool, dry place away from direct sunlight.
- Water Resistance:** The device is rated IPX8, meaning it is protected against continuous immersion in water under specified conditions. However, avoid prolonged submersion or high-pressure water jets.

## TROUBLESHOOTING

If you encounter issues with your CatEye Velo Wireless computer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No speed display / Inaccurate readings	Sensor/magnet misalignment Low battery in computer or sensor Incorrect wheel size setting Interference from other wireless devices	Ensure magnet passes within 5mm of sensor. Replace batteries in both units. Verify and correct wheel circumference setting. Move away from strong electromagnetic fields.
Display is blank or dim	Low battery Unit in sleep mode	Replace computer battery. Press the main button to wake the unit.
Buttons unresponsive	Unit frozen Debris around buttons	Remove and reinsert battery to reset. Clean around buttons.

## SPECIFICATIONS

Brand	CATEYE
Model Name	Velo Wireless - CC-VT230W
Color	Black
Product Dimensions (LxWxH)	1.46" L x 0.65" W x 2.17" H
Item Weight	0.03 Kilograms
Display Type	FSTN

<b>Sensor Type</b>	Speed Sensor
<b>Battery Cell Type</b>	CR2032 Lithium
<b>Connectivity Technology</b>	Analog Wireless
<b>Included Components</b>	Zip tie bracket, Computer unit, Speed sensor, Wheel magnet
<b>Mounting Type</b>	Handlebar Mount / Stem Mount
<b>Human Interface Input</b>	Buttons
<b>Water Resistance</b>	IPX8 (Protected against continuous immersion)

## WARRANTY AND SUPPORT

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The CatEye Velo Wireless computer typically comes with a manufacturer's warranty. Please refer to the product packaging or the official CatEye website for specific warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact CatEye customer service through their official channels. You can often find contact information on the product packaging or on the manufacturer's website.

This device is rated IPX8 based on JIS C0920. For more information on certifications, you may visit the official certification body: [Sertifikasi Postel](#).

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