

YOHAWJAN 01

YOHAWJAN Wireless Bicycle Speedometer User Manual

Model: 01

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your YOHAWJAN Wireless Bicycle Speedometer. This device is designed to track various cycling metrics, offering a clear LCD display and a waterproof design for reliable performance.

2. PRODUCT FEATURES

- Wireless design for easy installation and clean aesthetics.
- Large LCD display with green backlight for clear visibility day and night.
- Multi-functional tracking including speed, distance, trip time, and more.
- Waterproof rating of IP54, suitable for various weather conditions.
- Automatic sleep/wake-up function to conserve battery life.
- User-friendly button interface for easy navigation.



Image: YOHAWJAN Wireless Bicycle Speedometer mounted on a bike handlebar.



Image: Day and Night display comparison, highlighting the green backlight.

3. WHAT'S IN THE BOX

Please check the package contents to ensure all components are present:

- Bicycle Speedometer Unit
- Wireless Sensor
- Magnet for Spokes
- Mounting Base
- Zip Ties for Installation
- Adhesive Pads
- Rubber Rings
- CR2032 Battery (may be pre-installed or separate)



Image: Contents of the product package.

4. SETUP AND INSTALLATION

4.1 Installing the Speedometer Unit

1. Attach the mounting base to your bicycle's handlebar or stem using the provided zip ties or rubber rings. Ensure it is securely fastened and positioned for easy viewing.
2. Slide the speedometer unit onto the mounting base until it clicks into place.



Image: Speedometer unit installation on the handlebar.

4.2 Installing the Sensor and Magnet

1. Attach the wireless sensor to the front fork of your bicycle using zip ties. Position it on the side where the magnet will be installed.
2. Attach the magnet to a spoke on the front wheel.
3. Adjust the position of the sensor and magnet so that the distance between them is approximately 3mm or less when the wheel rotates. The closer the better for reliable signal transmission.
4. Ensure the magnet faces the sensing area of the sensor (usually marked). Do not align the magnet with the middle of the sensor.

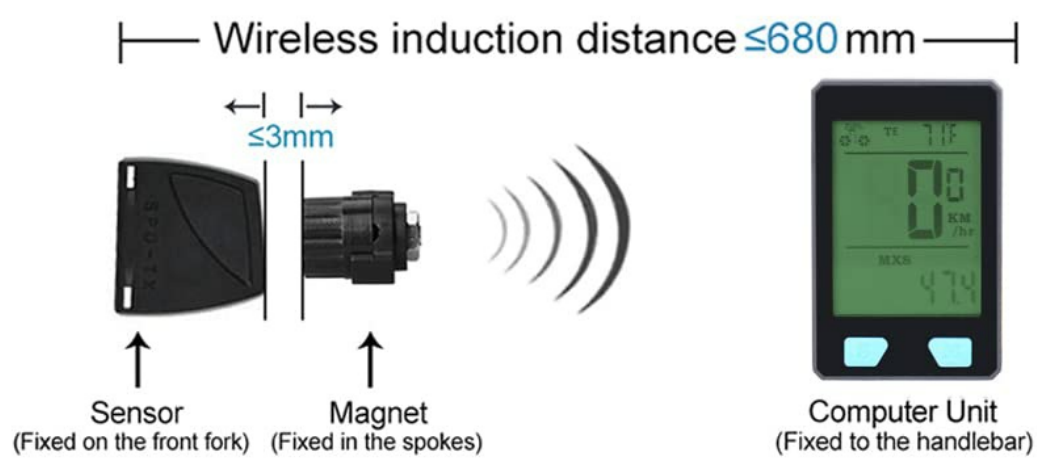
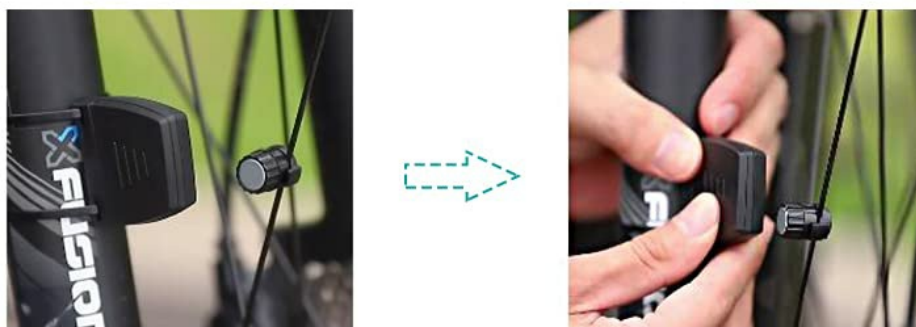
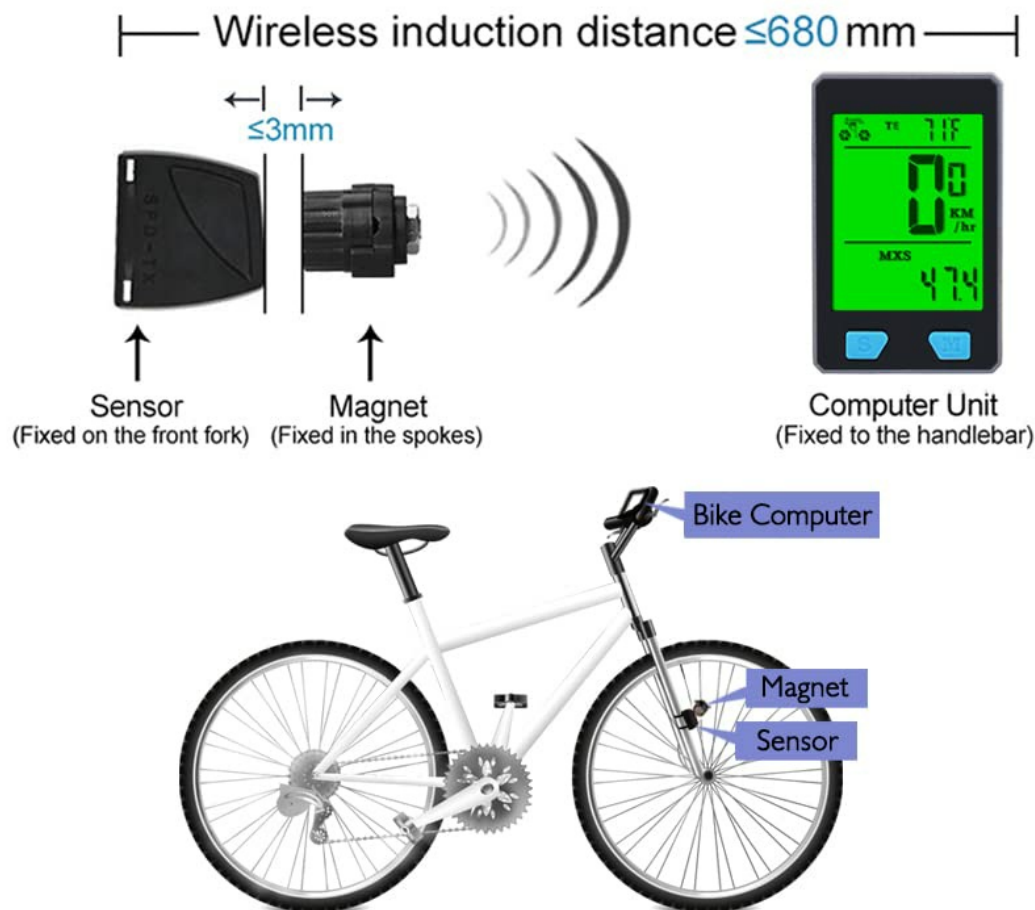


Image: Sensor and magnet installation with induction distance.



1. Only the distance between sensor and main unit is less than 60cm, main unit can receive signals and then work.
2. The distance between magnet and sensor should be about 3mm. The closer, the better.
3. Magnet should face toward upside or downside of the sensor. Don't face toward the middle of it.

Image: Detailed sensor and magnet placement guidelines.

4.3 Initial Settings

After installation, you will need to configure the speedometer:

1. **Wheel Circumference (WHEEL CIR) Setting:** Refer to your bicycle tire's sidewall for the circumference (e.g., 2070mm for a 700x23C tire). Enter this value into the speedometer for accurate speed and distance readings.
2. **Unit Setting (Km/H, M/H):** Select your preferred unit of speed and distance (kilometers per hour or miles per hour).
3. **Clock Setting (CLK):** Set the current time in either 12H or 24H format.

5. OPERATING INSTRUCTIONS

The speedometer features two main buttons, typically labeled 'S' (Set/Select) and 'M' (Mode/Menu), for navigation and function selection.

5.1 Functions Overview

The YOHAWJAN Wireless Bicycle Speedometer offers 17 functions, including:

- **CLK:** Clock (12H/24H)
- **SPD:** Current Speed
- **ODO:** Odometer (Total Distance)
- **DST:** Distance of Single Trip
- **AVS:** Average Speed
- **MXS:** Maximum Speed
- **TM:** Trip Riding Time
- **TTM:** Total Trip Time
- **TEM:** Temperature
- **SCAN:** Cycles through various data displays automatically.
- **Speed Comparison:** Indicates if current speed is above or below average.
- **Low Power Indicator:** Alerts when battery is low.
- **Automatic Storage Function:** Saves data automatically.
- **Auto Sleep/Wake Up:** Device enters sleep mode when inactive and wakes upon movement.
- **Backlight:** Green backlight for night riding.

17 FUNCTIONS



5.2 Basic Operation

- **Mode Button (M):** Press to cycle through different display modes (e.g., ODO, DST, MXS, AVS, TM, TTM, TEM).
- **Set Button (S):** Used to enter setting mode or confirm selections. In setting mode, it typically changes values.
- **Backlight:** The backlight can be activated for night use. Refer to the specific button combination in the full manual for activation (often a long press of one or both buttons).
- **Resetting Data:** To reset trip data (DST, AVS, MXS, TM), typically a long press of the 'S' button while in the respective mode is required. The Odometer (ODO) cannot be reset.

6. MAINTENANCE

6.1 Cleaning

Wipe the speedometer unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing.

6.2 Waterproofing

The device has an IP54 international protection rating, meaning it is protected from dust ingress and splashing water from any direction. While it can withstand rain, avoid submerging the unit in water.

6.3 Battery Replacement

The speedometer unit and sensor typically use CR2032 coin cell batteries. When the low power indicator appears, replace the battery:

1. Carefully open the battery compartment cover on the back of the unit or sensor.
2. Remove the old battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely to maintain waterproofing.

7. TROUBLESHOOTING

- **No Speed Reading or Inaccurate Readings:**
 - Check the distance between the sensor and the magnet. It should be 3mm or less.
 - Ensure the magnet is correctly aligned with the sensing area of the sensor.
 - Verify that the wireless induction distance between the main unit and the sensor is less than 60cm.
 - Check the battery in both the speedometer unit and the sensor. Replace if low.
 - Ensure the wheel circumference setting is correct.
- **Display is Blank or Faint:**
 - Replace the battery in the speedometer unit.
 - Check for proper battery insertion.
- **Unit Does Not Wake Up Automatically:**
 - Ensure the sensor and magnet are correctly installed and aligned.
 - Check the sensor battery.

- **Buttons Not Responding:**
 - Try removing and reinserting the battery to perform a soft reset.
 - Ensure no debris is obstructing the buttons.

8. SPECIFICATIONS

Brand	YOHAWJAN
Model Number	01
Display Type	LCD
Screen Size	5 Inches (approx. 6cm x 3.8cm unit size)
Connectivity Technology	Wireless
Sensor Type	Speed Sensor
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
International Protection Rating	IP54
Power Source	CR2032 Battery (for unit and sensor)

REFERENCE WITH THE PHYSICAL DISPLAY



Image: Speedometer unit dimensions reference.

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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.

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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