

PRUNUS XH-BC18-L

PRUNUS XH-BC18-L Wireless Bike Speedometer & Odometer Instruction Manual

1. INTRODUCTION

The PRUNUS XH-BC18-L Wireless Bike Speedometer and Odometer is designed to provide cyclists with essential riding data. This device features a large digital LCD screen for clear readability and a distinctive touch sensor for backlight activation, making it suitable for both day and night use. Its IP66 dustproof and waterproof rating ensures durability in various weather conditions. The speedometer offers a long wireless induction distance, allowing flexible mounting options, and boasts a long-lasting battery life of at least 8 months.

Key functions include real-time, average, and maximum speed tracking, odometer, trip distance, temperature, trip time, timer, calories burned, fat burned, and unit conversion between kilometers and miles. Six different interfaces can be switched to display your current riding status instantly.

2. WHAT'S IN THE BOX

Please ensure all components are present before proceeding with installation:

- 1 x Cycling Computer
- 1 x Wireless Sensor
- 1 x Handlebar Mount
- 1 x Magnet
- 7 x Plastic Tie-wraps
- 3 x CR2032 Batteries
- 2 x Stickers (for mounting)



Image: All components included in the PRUNUS Bike Speedometer package.

3. SETUP AND INSTALLATION

Follow these steps to correctly set up your bike computer:

3.1. Battery Installation

Install the CR2032 batteries into both the cycling computer and the wireless sensor. Ensure the positive (+) pole of the battery faces upwards when inserting.

Your browser does not support the video tag.

Video: Demonstrates the battery installation process for the PRUNUS Bike Computer and sensor.

3.2. Wheel Circumference Setting

Accurate wheel circumference is crucial for precise speed and distance readings. After battery installation, the screen will display a default circumference (e.g., 2060). To change this, press and hold both buttons simultaneously for 3 seconds. Use the right button to adjust the number and the left button to confirm. Refer to the table below or measure your wheel's circumference manually.



Image: Visual guide for manually measuring your bicycle's wheel circumference.

Wheel Circumference Chart (mm)

Tire Size	Circumference (mm)	Tire Size	Circumference (mm)
29" x 2.3"	2326	27" x 1-1/4"	2161
29" x 2.2"	2305	27" x 1-1/8"	2155

Tire Size	Circumference (mm)	Tire Size	Circumference (mm)
29" x 2.1"	2288	26" x 2.3"	2135
28" x 1-5/8" x 1-3/8"	2205	26" x 2.25"	2115
28" x 1.6"	2224	26" x 2.1"	2095
28" x 1.75"	2268	26" x 2.0"	2074
700c x 38mm	2180	26" x 1.9"/1.95"	2055
700c x 35mm	2168	26" x 1.75"	2035
700c x 32mm	2155	26" x 1.5"	1985
700c x 30mm	2145	26" x 1.25"	1953
700c x 28mm	2136	26" x 1.0"	1913
700c x 25mm	2124	24" x 1.9"/1.95"	1916
700c x 23mm	2105	20" x 1-1/4"	1618
700c x 20mm	2074	16" x 2.0"	1253
700c Tubulars	2130	16" x 1.5"	1206
650c x 23mm	1990		
650c x 20mm	1945		

3.3. Mounting the Computer

Attach the handlebar mount to your bicycle using the provided zip ties. Ensure it is securely fastened and positioned for optimal viewing during your ride. The computer slides into the mount until it clicks into place.

3.4. Installing the Wireless Sensor and Magnet

Install the wireless sensor on the front fork of your bicycle using the provided zip ties. The magnet should be attached to a spoke on the wheel. Ensure the distance between the sensor and the magnet is no more than 3mm (0.1 inch) for accurate readings. The sensor should be positioned on the left side of the bicycle.

Your browser does not support the video tag.

Video: Detailed installation guide for the PRUNUS Bike Computer, including sensor and magnet placement.

4. OPERATING INSTRUCTIONS

The PRUNUS XH-BC18-L offers a variety of functions to enhance your cycling experience. Use the left and right buttons on the device to navigate through modes and settings.

4.1. Basic Functions

- **SPD (Speedometer):** Displays current speed.
- **ODO (Odometer):** Tracks total distance traveled (0.001-999999km/m).
- **DST (Trip Distance):** Records distance for the current trip.
- **MXS (Maximum Speed):** Shows the highest speed achieved during the current trip.
- **AVS (Average Speed):** Calculates the average speed for the current trip.

- **TM (Elapsed Time):** Displays the duration of the current trip.
- **CLK (Clock):** Shows time in 12H or 24H format.
- **Temperature:** Displays current ambient temperature.
- **Calories:** Estimates calories burned during the trip.
- **Fat Burned:** Estimates fat burned during the trip.

A Variety of Functions

Meet Your Diverse Riding Needs, Leading You to a Fulfilling Riding Trip.
All You Want, Close Enough to Touch.

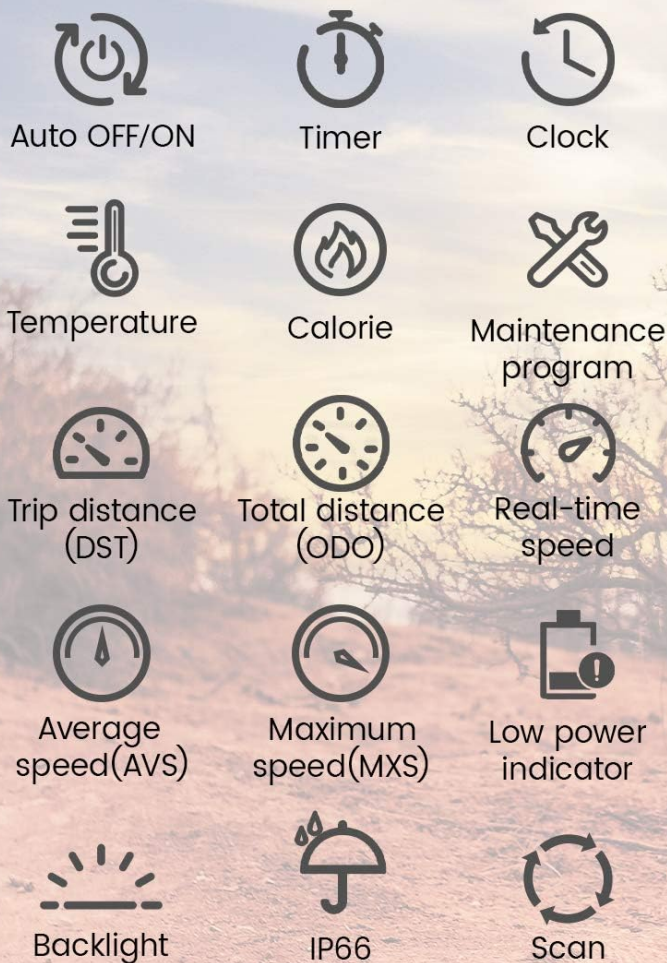


Image: The PRUNUS Bike Speedometer displaying its wide range of functions.

4.2. Mode Switching and Data Reset

- Press the **RIGHT** button to cycle through different display modes (e.g., ODO, DST, MXS, AVS, TM).
- To reset trip data (DST, MXS, AVS, TM), hold the **LEFT** button for 3 seconds while in the desired trip mode.
- The device features an automatic wake-up function. It will enter standby mode after a period of inactivity and automatically activate when motion is detected.
- The backlight can be activated or deactivated with a slight touch on the designated sensor area.

Distinctive Touch Technology

A Slight Touch Starts or Closes Backlight Mode,
More Intelligent, More Convenient.
Light up Your Night with One Touch.



Image: The touch sensor for activating the backlight on the PRUNUS Bike Speedometer.

5. MAINTENANCE

The PRUNUS XH-BC18-L is designed for durability and low maintenance:

- **Waterproof Rating:** With an IP66 rating, the device is dustproof and resistant to water splashes. Avoid prolonged submersion and dry it promptly after exposure to rain.
- **Battery Life:** The low-power consumption design ensures a battery life of at least 8 months. A low battery reminder will appear on the screen. Note that replacing the battery will clear previously stored data, but shutting down the device will not affect data storage.
- Regularly check the sensor and magnet for secure attachment and proper alignment (within 3mm distance) to ensure consistent performance.

IP66 Dustproof and Waterproof

It can be Washed by Rain or even Soaked in Water
No More Fear of an Unexpected Rain.



Image: The IP66 dustproof and waterproof design of the PRUNUS Bike Speedometer.

6. SPECIFICATIONS

- **Brand:** PRUNUS
- **Model Number:** XH-BC18-L
- **Color:** Black
- **Product Dimensions:** 5.7"L x 2.8"W x 2.2"H
- **Item Weight:** 2.8 Ounces
- **Screen Size:** 2.5 Inches
- **Display Type:** LCD
- **Battery Life:** 240 Hours (approx. 8 months)
- **Sensor Type:** Speed Sensor
- **Battery Cell Composition:** Lithium Polymer (CR2032)
- **Connectivity Technology:** Bluetooth

- **International Protection Rating:** IP66
- **Mounting Type:** Handlebar Mount
- **Human Interface Input:** Touchscreen

7. TROUBLESHOOTING

If you encounter issues with your PRUNUS Bike Speedometer, consider the following:

- **No Display/Power:** Check if the CR2032 battery is correctly installed and has sufficient charge. Replace if necessary.
- **Inaccurate Readings/No Signal:** Ensure the wireless sensor and magnet are correctly aligned and the distance between them is no more than 3mm (0.1 inch). Verify the sensor is securely attached to the fork and the magnet to a spoke.
- **Inconsistent Data:** Re-check your wheel circumference setting for accuracy. Ensure there are no strong electromagnetic interferences nearby.
- **Display Not Responding:** Try removing and reinserting the battery to perform a soft reset.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact PRUNUS customer service directly. Keep your purchase receipt for any warranty claims.

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

