Before using the computer, please thoroughly read this manual and keep it for future reference.

WARNING / CAUTION

• Do not concentrate on the computer while riding. Ride safely!
• Install the magnet, sensor, and bracket securely. Check these periodically.
• If a child swallows a battery, consult a doctor immediately.
• Do not leave the computer in direct sunlight for unnecessary or extended periods.
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Wireless Sensor

The sensor was designed to receive signals within a maximum range of 70 cm, to reduce chance of interference. The wireless sensor, note the following:

• Signals cannot be received if the distance between the sensor and the computer is too great.
• The transmission distance may be shorter due to low temperature or low battery.
• Signals can be received only when the back of the computer is facing the sensor.

Preparing the computer

1. Clear all data (initialization)
   Press the AC button on the back.

2. Select the desired speed units
   Select km/h or mph.

3. Enter the tire circumference
   Enter the tire circumference of your bicycle in mm.
   * Refer to the tire circumference reference table.

4. Set the clock
   When MODE is pressed and held, "Displayed time", "Hour", and "Minute" will appear, in this order.
   "24h" or "12h" can be selected.
   Measure wheel circumference (L) of your bike
   To get the most accurate calibration do a wheel roll out. With the valve stem perpendicular to the ground, mark the pavement at the valve stem. While the riders weight is on the bike, roll the wheel one time revolutions in a straight line and mark the ground where the valve stem is perpendicular to the ground again. Measure the distance in millimeters. This is the most accurate wheel calibration number.

How to install the unit on your bicycle

Install the magnet

1. Install the sensor
   Inside of right front fork
   Pull securely
   * Install the sensor as close to the upper part of the front fork as possible.

2. Install the magnet
   Toward the sensor zone
   Cut
   Caution: Round off the cut edge of the bracket band to prevent injury.

Install the sensor and magnet

1. Install the sensor
   Inside of right front fork
   Pull securely

2. Install the magnet
   Toward the sensor zone
   Cut
   Caution: Round off the cut edge of the bracket band to prevent injury.

3. Attach the bracket to the stem or handlebar
   When attaching the bracket to the stem

4. Remove/install the computer
   While supporting it by hand, push it out as if lifting the front up
   After installation, rotate the front wheel gently to check that the speed is displayed on the computer. If the speed is not displayed, check that conditions A, B, and C, above, have been done appropriately.

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OPERATING THE COMPUTER [MEASURING SCREEN]

**Changing the computer settings [menu screen]**

If the **MENU** is pressed with the measuring screen displayed, the menu screen appears. Press the **MODE** when measurement has stopped and no signal is being received to change menu settings.

- **Wheel selection**...Toggle between the specified wheel size (tire circumference) **between two bicycles**.
- **Wheel size entry**...Pressing **MODE** toggles between **A** and **B**. Use this function if the computer is to be shared between two bicycles.
- **Clock setting**...To set the clock, refer to "Preparing the computer-4".
- **Total distance manual entry**...Before reinitializing the computer, note the total distance. This reading will later allow you to enter the total distance manually. Pressing **MODE** increases the value, and pressing and holding **MODE** moves to the next digit.

**Speed unit**...Pressing **MODE** toggles between **km/h** and **mph**.

**Maintenance**

To clean the computer or accessories, use diluted neutral detergent on a soft cloth, and wipe it off with a dry cloth.

**Replacing the battery**

If the display appears faded, replace the battery. Install a new lithium battery (CR2032) with the (+) side facing upward. Then reinitialize the computer referring to "Preparing the computer".

**Troubleshooting**

**MODE** does not work when the computer is mounted on its bracket. Check that there is no dirt between the bracket and the computer.

Wash off the bracket with water to get rid of any dirt, and to ensure that the computer slides in and out smoothly.

The sensor signal reception icon does not flash. (The speed is not displayed.)

**Spin the front wheel, bringing the computer closer to the sensor. If the icon now flashes, this indicates that the computer and sensor are too far apart. (The distance must not exceed 70 cm.)**

Is the clearance between the sensor and magnet too great? (must be ≤ 5 mm)

Does the magnet pass through the sensor zone? Adjust the positions of the magnet and sensor.

Are the computer and sensor too far apart? (The distance must not exceed 70 cm.) Install the sensor closer to the computer.

Is the computer or sensor battery weak?

In winter, battery performance diminishes. Replace the battery. In the case of the computer, after replacing the battery, re-start the computer according to the "Preparing the computer", above.

**No display**

**Is the battery in the computer run down?** Replace it. Then reinitialize the computer referring to "Preparing the computer".

Incorrect data appear.

Reinitialize the computer referring to "Preparing the computer".

**Specifications**

- **Battery**...Computer : Lithium battery (CR2032) x 1
- **Battery life**...Computer : Approx. 1 year (if the computer is used for 1 hour/day; the battery life will vary depending on the conditions of use)
- **Sensor**...Unit Total Distance reaches about 10,000 km (6,250 mile)

* This is the average figure of being used under 20 °C temperature and the distance between the computer and the sensor is 60 cm.

**Controller**...4-bite, 1-chip microcomputer (Crystal controlled oscillator)

**Display**...Liquid crystal display

**Sensor**...No contact magnetic sensor

**Wheel circumference range**...0100 mm - 3999 mm (Default figure A: 2096 mm, B: 2096 mm)

**Working temperature**...-41 °F - 140 °F (-40 °C - 60 °C) (This product will not display appropriately when exceeding the Working Temperature range. Slow response or black LCD at lower or higher temperature may happen respectively.)

**Dimensions/weight**...1-53/64” x 1-7/32” x 5/8” (46.5 x 31 x 16 mm) / 0.78 oz (22 g)

* The factory-loaded battery life might be shorter than the above-mentioned specification.

* The specifications and design are subject to change without notice.

**LIMITED WARRANTY**

2-Year Computer only (Accessories/Battery sensor and Battery Consumption excluded)

CatEye bicycle computers are warranted to be free of defects in materials and workmanship for a period of two years from original purchase. If the product fails to work due to normal use, CatEye will repair or replace the defect at no charge. Service must be performed by CatEye or an authorized retailer.

To return the product, pack it carefully and enclose the warranty certificate (proof of purchase) with instructions for repair. Please write or type your name and address clearly on the warranty certificate. Insurance, handling and transportation charges to CatEye shall be borne by person desiring service. For UK and REPUBLIC OF IRELAND consumers, please return to the place of purchase. This does not affect your statutory rights.

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