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

**Caution**
- Do not concentrate on the computer operations while riding. Always be sure to ride safely.
- Be sure to securely mount the magnet, sensor and bracket on your bicycle, and periodically check to see if any parts have loosened.
- Used batteries are harmful if swallowed by mistake. They must be disposed in accordance with local regulations.
- Do not leave the main unit exposed to direct sunlight. Never disassemble the main unit.
- If there is a malfunction of the main unit or any accessories, use a neutrally neutral detergent on a soft cloth, and then wipe it off with a dry cloth. Do not use paint thinner, benzine or alcohol since such chemicals may damage the surface.

**Package Contents**
- Bracket
- Wine
- Sensor
- Magnet
- Nylon Ties (x 7)

**IMPORTANT!**

**Correct positions of the sensor and the magnet:**
- When rotating the front wheel, the magnet’s center must be aligned with the sensor’s marking.
- The distance between the sensor and the magnet must be less than 5 mm.

**Troubleshooting**
- Are the magnet’s center and the sensor’s marking line aligned?
- **YES!**
- **NO!**

**Specification**
- **Battery:** Lithium Battery CR2032 x 1 (battery life approx. 3 years)
- **Microcomputer:** 4-bit T-chip (Crystal controlled oscillator)
- **Display:** No-contact magnetic sensor
- **Tire Size:** Length of Wire: 70 cm
- **Tire Perimeter (Sensor)**: Tire sizes of 16, 18, 20, 22, 24, 26, 700C, and 27 inches, or tire peripheral increments of 1 cm.
- **Temperature**: 0 - 40 °C
- **Height of Wire**: 0.610 x 0.560 x 56.4 (52 x 3 x 18 mm) 0.953 oz (27 g)
- **Calories Consumption**: [Average Speed] 0.0 to 299.9 km/h (0.0 to 185.0 mph)
- **Elapsed Time**: 0:00' to 23:59' [1:00' to 12:59']
- **Clock**: 0:00' to 23:59' [10:00' to 12:59']

**Insert a new lithium battery (CR2032) with the (+) mark facing up.**

If the screen becomes dim, it is the time to replace the battery.

**Start/Stop of Measuring**
The unit starts measuring automatically when you start pedaling, and stops measuring when you come to a stop.
The upper display always shows the Current Speed.

**Shift of Lower Display**
Each time you press the MODE button, a different data value appears on the lower line.

**Power Saving Function**
If the main unit does not receive a signal after about 10 minutes, the main unit enters Power Saving Mode and displays the clock count only. To return to normal display, press the MODE button or start your bicycle again to cancel the Power Saving function.

**Data Reset**
When a menu with the symbol in the OPERATION FLOW is displayed, continue pressing the MODE button and the measured data will return to zero. However, the Odometer (total distance) and Clock do not return to zero.

**How to Set Clock**
In the clock mode, press SET button on the back, and the display enters clock setting mode.
- **Mode Symbol**
- **Speed**
- **Date**
- **Max**
- **Cal**
- **Distance**

If Km/h has been selected, it becomes 24-hour clock.
- If mph has been selected, it becomes 12-hour clock.

**How to Change Tire Size**
Display the Total Distance (Odo) and press the SET button to change the tire size. You can select a tire size in two ways. Either select from among preset size: or enter the tire’s circumference directly in increments of 1 cm.

**Maintenance**
- If the contact of the unit or the bracket gets wet, dry it off with a cloth. If they become rusty, it will cause speed detection error.
- If the gaps between the buttons and the unit get clogged with mud or sand, wash them away with water.

**Troubleshooting**
- **No display**
- **Replace battery in main unit run down?**
  - Replace it with a new one.
- **Main unit may still have a charge.**
  - Put the battery in backwards to short the unit then install properly and do all clear operation.

**Current speed disappears**
Do all clear operation.
- Current speed never appear: wipe; short-circuit the exhaust of the main unit or the wires with the ends of metal. If current speed appears, the main unit is working fine and the cause should be attributed to the bracket or the sensor.
  - Is the clearance between the sensor and the magnet too large?
  - Are the magnet’s center and the sensor’s marking line aligned?
  - Re-adjust the positions of the magnet and the sensor.
  - The clearance should be less than 5 mm.
- **The cord breaks**
  - Even if the outside of the cord looks normal, there could be damage.
  - Replace the bracket and sensor set with a new one.
  - Check if anything is sticking on the contact of the main unit or the bracket.

**Replacing Battery**
If the screen becomes dim, it is the time to replace the battery.

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**Calorie Consumption** (VELO8)

The calorie consumption data is only the accumulated value that is calculated from the speed data of every second. It differs from the actual consumed calorie.

<table>
<thead>
<tr>
<th>km/h</th>
<th>Speed</th>
<th>10 km/h</th>
<th>20 km/h</th>
<th>30 km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calorie Consumption</td>
<td>67.3 kcal</td>
<td>244.5 kcal</td>
<td>641.6 kcal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>mph</th>
<th>Speed</th>
<th>10 mph</th>
<th>20 mph</th>
<th>30 mph</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calorie Consumption</td>
<td>155.2 kcal</td>
<td>768.2 kcal</td>
<td>2297.2 kcal</td>
</tr>
</tbody>
</table>

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**OPERATION FLOW**

**VELO 8**

**VELO 5**

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**LIMITED WARRANTY**

2-Year Warranty for Main Unit Only

CatEye cycle Main units are warranted to be free of defects from 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 instruction 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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**BATTERY**

- **CR2032**
- **All Clear**

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**SETTING**

**All Clear**

- **SET + MODE**
- **PUSH**

**Wheel Size**

- **#169-9550 Bracket Sensor Kit**
- **#166-5150 Lithium Battery (CR2032)**
- **#169-9691N Standard Magnet**
- **#169-9560 Heavy Duty Wire and Bracket Sensor Kit**
- **#169-9302 [#169-9307] Center Mount Bracket Kit [Long]**
- **#169-9303 Bracket Sensor Kit for Aero Bar**
- **#169-9304 Stem Mount Bracket Kit**
- **#169-9760 Magnet for Composit Wheel**

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**DATA RESET**

- **Tm**
- **Av**
- **Odo**
- **Cal**

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