Setting Values Cross Reference Table (The tire size is marked on both sides of the tire.)

<table>
<thead>
<tr>
<th>TIRE SIZE</th>
<th>L(cm)</th>
<th>TIRE SIZE</th>
<th>L(cm)</th>
<th>TIRE SIZE</th>
<th>L(cm)</th>
<th>TIRE SIZE</th>
<th>L(cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 x 3/4 Tubular</td>
<td>178</td>
<td>26 x 1-1/8 Tubular</td>
<td>197</td>
<td>26 x 2.125</td>
<td>226</td>
<td>700 x 19C</td>
<td>207</td>
</tr>
<tr>
<td>24 x 1</td>
<td>179</td>
<td>26 x 1-3/8</td>
<td>207</td>
<td>27 x 1</td>
<td>214</td>
<td>700 x 20C</td>
<td>210</td>
</tr>
<tr>
<td>24 x 1-1/8 Tubular</td>
<td>179</td>
<td>26 x 1-1/2</td>
<td>210</td>
<td>27 x 1-1/8</td>
<td>216</td>
<td>700 x 20C</td>
<td>211</td>
</tr>
<tr>
<td>24 x 1-1/4</td>
<td>191</td>
<td>26 x 1.40</td>
<td>200</td>
<td>27 x 1-1/4</td>
<td>218</td>
<td>700 x 25C</td>
<td>212</td>
</tr>
<tr>
<td>24 x 1.75</td>
<td>203</td>
<td>27 x 1-1/8</td>
<td>221</td>
<td>270 x 28C</td>
<td>214</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 x 2.00</td>
<td>205</td>
<td>650 x 35A</td>
<td>209</td>
<td>700 x 28C</td>
<td>217</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 x 2.125</td>
<td>211</td>
<td>650 x 38A</td>
<td>212</td>
<td>700 x 32C</td>
<td>216</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 x 1</td>
<td>215</td>
<td>26 x 2.00</td>
<td>208</td>
<td>650 x 38B</td>
<td>211</td>
<td>700C Tubular</td>
<td>213</td>
</tr>
</tbody>
</table>

Specifications

- Controller: 4-bit IC chip Microcomputer (Crystal Controlled Oscillator)
- Display: Liquid Crystal Display
- Sensor: No-contact magnetic sensor
- Power supply: Lithium Battery (CR2032x1)
- Operating Temperature Range: -10°C to 40°C (-14°F to 104°F)

LIMITED WARRANTY

1-Year Warranty for Main Unit Only (Accessories/Attachments and Battery Consumption excluded)

If trouble occurs during normal use, the part of the Main Unit will be repaired or replaced free of charge. The service must be performed by Cat Eye Co., Ltd. To return the product, pack it carefully and remember to enclose the warranty certificate with instruction for repair. Please write or type your name and address clearly on the warranty certificate. Insurance, handling, and transportation charges to our service section shall be borne by the consumer.

Address for service CAT EYE CO., LTD.
2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546 Japan.
Attn.: CAT EYE Customer Service Section

Service & Research Address for United States Consumers:
CATEYE Service & Research Center
1705 14th St. 115 Boulder, CO 80302
Phone: 303-443-4595 Toll Free: 800-5CATEYE
Fax: 303-473-0006 e-mail: service@cateye.com

#169-6760 Bracket Sensor Kit
#169-6770 Attachment Kit
#169-6790 Wrist Band

#166-5120 Wheel Magnet
### Operation Features and Display Functions

- **Mode Button**
  The mode display changes in the order shown in fig.1 whenever this button is pressed.

- **AC Button**
  When this button is pressed, all the data stored in memory (Total Distance, Scale Symbol and 24-hour Clock Time) will be erased.

**Current Speed**  **H^2**
The current speed is displayed in the Current Speed mode. The speed scales (km/h or mile/h) are displayed alternatively each time the Mode Button is kept pressed in this mode.

**Trip Distance**  **H^2**
The distance of each trip is measured and displayed. The Trip Distance can be reset to zero each time the Mode Button is kept pressed in this Trip Distance mode.

**Total Distance (Odometer)**  **H^2**
The Total Distance is continuously measured, accumulated and displayed. When 10,000 miles (km) is reached, the Odometer will return to zero and counting begins anew.

Note: The Odometer cannot be reset.

**24-hour Clock**  **H^2**
The current time is displayed as a 24-hour clock. The Clock Time can be reset when the Mode Button is kept pressed in this mode.

### Main Unit Preparation

User shall make the following setting and the cyclocomputer can be used properly.

- **First**, measure the wheel circumference L of your bike (Fig.2-1)
  Adjust tire pressure and then put a mark on the tire tread. Ride the bike one full wheel revolution. Mark the ground at the start and end of one revolution and then measure the distance between the two marks. This measure is your actual wheel circumference. Alternatively, the “Setting Values Cross Reference Table” can tell you an approximate wheel circumference according to tire size.

- **Setting the Speed Scale**
  When the AC Button is pressed, all displays will illuminate and then the “km/h” appears. “km/h” and “mile/h” are displayed alternatively each time the Mode Button is pressed. Select the speed scale desired and keep the Mode Button pressed to complete the setting.

- **Setting the Wheel Circumference (Fig.2-3)**
  (Fig.2-3) will blink after speed scale is set. Press the Mode Button to select the first two digits between 10 and 22 as desired. Keep the Mode Button pressed and the (Fig.2-4) will blink. Press the Mode Button select a number between 0 and 9 as desired. Keep the Mode Button pressed to complete the setting.

- **Setting the 24-hour Clock (Fig.3-1, 2.3)**
  Select the 24-hour Clock Mode. Keep the Mode Button pressed and the hour will blink. Press the Mode Button to set a desired hour-time. Keep the Mode Button pressed to complete the hour-time setting. Repeats to complete the setting of 10 minute and minute digits.

### Mounting to Bike (Fig.5 to 12)

- **Mounting the Main Unit (Fig.4)**
  Slide the main unit onto the bracket from front until it clicks into position. To remove the main unit, pull the main unit forward while depressing the lever on the bracket.

- **Mounting to Bike**
  The Dual can be converted to a wrist watch by using with the wrist band.

  - Press the main unit onto the ring of the wrist band. (Fig.13-1)
  - To remove the main unit, turn the main unit to the left or to the right. (Fig.13-2)

### How to Use the Dual as a Wrist Watch

The Dual can be converted to a wrist watch by using with the wrist band.

- Do not leave the main unit exposed to direct sunlight when it is not in use. Do not disassemble the main unit, sensor and magnet.
- Do not knock the main unit with other objects.
- Check the relative position of sensor and magnet periodically.
- Do not leave the main unit exposed to direct sunlight when it is not in use. Do not disassemble the main unit, sensor and magnet.

- For cleaning, use neutral detergent on soft cloth and wipe off later with dry cloth. Do not apply paint thinner, benzene or alcohol which may damage the surface.
- Do not leave the main unit exposed to direct sunlight when it is not in use. Do not disassemble the main unit, sensor and magnet.

The following situations do not indicate malfunction of the cyclocomputer. Check the following before taking repair.

- **When current speed does not appear**, short-circuit the contact on the back with metal. The unit will function normally if the speed display appears.

**Trouble**
- **Display response is slow.**
  It returns to normal state when temperature rises.
- **Incorrect data appears.**
  Press the AC Button and reset the cyclocomputer. Press the AC Button and reset the cyclocomputer.
  - Current Speed does not appear
  - Is the distance between sensor and magnet too great?
  - Are the marking lines of the sensor and the center of magnet aligned? Refer to “Mounting to Bike” and re-adjusts correctly.

### Specifications

<table>
<thead>
<tr>
<th>Display Functions</th>
<th>Display Range</th>
<th>Minimum Display Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Speed</td>
<td>0.0 (3.0) - 62.5mile/h [0.0 (4.0) - 105.5km/h]</td>
<td>0.1mile/h [km/h]</td>
</tr>
<tr>
<td>Trip Distance</td>
<td>0.00 - 99.99mile [km]</td>
<td>0.01mile [km]</td>
</tr>
<tr>
<td>Total Distance (Odometer)</td>
<td>0.0 - 999.9mile [km]</td>
<td>1mile [km]</td>
</tr>
<tr>
<td>24-hour Clock</td>
<td>00.00 - 23.59’</td>
<td>1’</td>
</tr>
<tr>
<td>Applicable Cycle Sizes</td>
<td>100 cm - 229 cm</td>
<td>Initial value: 203 cm</td>
</tr>
<tr>
<td>The length of the wire</td>
<td>70 cm</td>
<td></td>
</tr>
<tr>
<td>Battery Life</td>
<td>approx. 7 years</td>
<td>*In case the unit is used as a cyclocomputer with an average of 2 hours per day.</td>
</tr>
<tr>
<td>Dimension</td>
<td>1-25/32” x 1-25/32” x 9/16” (45 x 45 x 14 mm)</td>
<td>0.65 oz (18.5 g)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.65 oz (18.5 g)</td>
<td></td>
</tr>
</tbody>
</table>

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