Please read these instructions carefully before attempting to install and use your CAT EYE ENDURO 8 computer so that you understand the functions of this product.

Please don’t throw away this manual, keep the manual at a place easily accessible.

**Installation of the Computer on Your Bike**

The computer is combined with the following parts.

1. Bracket
2. Cord
3. Sensor
4. Sensor Rubber Pad
5. Magnet
6. Bracket Rubber Pad
7. Five Nylon Ties
8. Spiral Tube

**Note**

- Mount the magnet 1 on a spoke of the front wheel so that the surface of the magnet will face the sensor.
- Mount the sensor 2 and adjust the gap between the magnet and the sensor.

**Important Note**

Mount the sensor 2 at the appropriate position so that the center of the magnet 1 will align with the marked line on the sensor side when the wheel is rotated.

Rotate the sensor on the front fork to adjust the gap between the sensor and the magnet 1 within 5 mm, and secure it with nylon ties.

**Mount The Bracket**

Secure the cord 3 with the larger nylon ties 4 and lead to the handle bar along the outer cable of the bicycle by means of the spiral tube 8.

Put the rubber pad 6 on the bracket 2 and secure the bracket on the handle bar with the screw. Slide the computer into the bracket 1 until you hear the click sound.

The contact points are automatically closed. When you need to detach the computer, slide the contact button 5 forward the computer with the lever pushed simultaneously.

The contact points are automatically opened. When you need to attach the computer, slide the contact points back to the computer with the lever pushed simultaneously.

**Note**

- Allow enough wire clearance in the area marked with an arrow to insulate that you can turn the handlebar from left to right without pulling the wire.

**Test The Basic Functions**

Rotate the front wheel gently and see if the computer indicates the running speed.

**Note**

- When the computer does not indicate the speed, check the position of the magnet and the sensor.

**Computer Set-up (For 1st use or after replacing the battery)**

1. **All Clear**
   - Push three buttons (MODE, START/STOP and SET) at the same time.
   - Do this procedure without fail for stable measurement when you use this system for the first time and every time the battery is replaced.

2. **Select The Measurement Unit**
   - Select the measurement unit, kilometer or mile, by pushing the MODE button.

3. **Set The Tire Circumference**
   - Enter the tire circumference in cm. (the odometer starts from the reading you entered).
   - For two seconds.
   - For two seconds.

   **Input the current reading of the odometer.**
   - Increase the number.
   - Move the decimal point.
   - OK

4. **Preparation Complete.**
   - The screen will show the time measurement in this state
   - *The auto mode is ON in this state.*
Computer Operations

Selection of the data-display mode (bottom of the screen).
Pressing the MODE button changes the functions in the sub-display.

Clock Time - In Elapsed Time, press and hold the Mode button for two seconds to display Clock Time. Pressing the Mode button again will return the sub-display to Elapsed Time.

Trip Distance 1 and 2 - The computer has two separate trip distances. Trip Distance 2 is reset independently. It can be used to record distance within a ride or multiple days distances. In Trip Distance 1, press and hold the Mode button to select Distance 2. You will continue to view this distance until you select Distance 1 with the same procedure.

Start or Stop of Measurements.
The computer can be programmed to run in either MANUAL MODE or AUTO TIME MODE. In Manual Mode you must press the START/STOP button to turn on and off depending on a signal from the sensor.

• Auto Time Mode (Automatic Measurement)
In AUTO TIME mode, the letters AT appear on the computer screen. elapsed time, average and distance are recorded automatically and the timer stops when the speed in stops. In this mode the START/STOP button is not operable.

• Manual Measurements
When you don’t see the Icon on the screen, you can start or stop the measurements by pushing the START/STOP button.

When you push the button, measurements of Elapsed Time, Average Speed, Trip Distance 1 and 2 are started and they are stopped with the next push of the button.

• How to set ON or OFF the auto-mode
Push the SET button on the back side of the computer while Elapsed Time, Average Speed, Trip Distance 1 or 2 is displayed, then the Icon is lit (ON) or turned OFF.

Resetting Elapsed Time, Trip Distance, Average Speed and MAX Speed.
Press and hold the MODE and START/STOP buttons for 2 sec. in either the MANUAL mode or the AUTO TIME mode to stop the clock. When the START/STOP button is pressed, the data in the sub-display functions to reset these functions. The Odometer and Trip Distance 2 are not reset. See below for details.

• Resetting Trip Distance 2
Trip Distance 2 is reset independently. When Trip Distance 2 is on the screen, press and hold both the MODE and START/STOP buttons to reset.

Computer Functions

• Power-saving Function
When no signal has been received for about one hour, the computer goes into the power-saving mode.

When the measurements are no longer displayed on the screen, you can start or stop the measurements by pushing the START/STOP button.

• Dual Tire Size
You can program to use two different tire sizes and can easily switch from one to the other.

• Moving Average Speed
You can display the moving average speed on the upper display.

Troubleshooting

• No display appears.
Replace it by the new one and do all clear procedure.

• Strange data appears.
Do all clear procedure (write down the number of Odometer if possible before doing the all clear procedure and input it manually after checking the measurement unit).

• Measurements do not start when the START/STOP button is pushed.
Is the icon ON?
Turn the Auto-Mode off to enable the start or stop of the measurements by manual operation of the button.

• No Speed data is displayed.
If the speed data is not displayed, the speed limit may have been set higher than the speed limit that the computer is capable of detecting.

• Error message appears.
If the error message appears, the computer is not capable of processing the data.

Specifications

Battery Life : Approx.3 yrs (approx.1 hr per day usage)
Control System : 4-bit 1-chip micro-computer (with a crystal oscillator)
Display : Liquid crystal display
Sensing System : No-contact magnetic sensor
Range of Tire Circumference : 100 cm - 300 cm (Initial value – A 210 cm 8:205 cm)
Range of Operational Temperature : -5°C - 40°C (32°F - 104°F)
Dimension and Weight[Computer] : 38 x 34 x 17.5 mm [1-12 x 1-1/4 x 7/8] / 28 g (1.0 oz)
* 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 Warranty : Computer Head Only (excluding the attached parts and deteriorated battery )
If any trouble or damage occurs during normal use, the product computer will be repaired or replaced free of charge. Type your name, address, telephone number or e-mail address, date of purchase and the situation of trouble and send it back together with the product to the closest address below. Transportion charges shall be borne by the customer. After being repaired, the product will be shipped back to the customer.

CAT EYE Service & Research Center
2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 Japan
URL: http://www.cateye.com

브래킷 카운터 모듈
### 169-9300 [169-9305]
### 169-9302 [169-9307]
### 169-9304

자유형 브래킷
### 169-9303

원형 브래킷
### 169-9911

반원형 브래킷
### 166-5150

브래킷 세트
### 166-5100