CC-PD100W ENG



Our website shows how to install and set up the unit on your bicycle, in an understandable way using a movie (http://www.cateye.com).

This unit can be used for measuring speed and distance while installed on your bicycle, and also used as a pedometer for measuring calorie consumption and number of steps in everyday life while carried with you all the time. First of all, go through "Preparing the computer" and "How to install the unit on your bicycle".



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two condi-



After installing the speed sensor, check that the speed is displayed on the computer by turning the front wheel with the computer installed to the bracket. If not displayed, review the installation conditions, and check the positions of the speed sensor and magnet.

The computer in the bike mode measures speed only when installed on the bracket.

How to use



During measurement the unit does not switch to Sleep at the specified time. In such a case, it switches to Sleep one hour after the measurement is completed

View the measured result

1 Switch to the Menu screen **DATA VIEW** Press and hold the MENU button to switch to the Menu screen. When the Menu screen appears, mea surement will be paused. NOTO LITELI TOTAL Select DATA VIEW WEEKL Today Press and hold the MODE button, while IOST STORED "DATA VIEW" flashes. 231000 **2-0** Select the display period
 When the MODE button is pressed, "TO-TAL", "WEEKLY", "TODAY", and Past 6 nene unem days will flash alternatively for selection, TOTAL Weekly in this order. WEEKL Today 2. With the desired period flashed, press and hold the MODE button. 11.02.13 11.02.12 11.02.11 4 View the measured result When the MODE button is pressed, "Distance", "Number of steps", "Calorie consumption", "Carbon offset" will appear alternatively for selection, in this order, and the unit returns to the display period selection screen (8) MODE 5 Return to the measuring screen Press the MENU button to return to the Menu screen. Press the MENU button again to return to the previous measuring screen. During measurement, the unit will resume measurement.

Change the settings

Switch to the Menu screen Press and hold the MENU button from the measuring screen to switch to the Menu screen.

2 Select SETTING

- 1. When the MODE button is pressed, "DATA VIEW" and "SETTING" will flash Trade Distant alternatively for selection.
- 2. Press and hold the MODE button, wh "SETTING" flashes.

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- Select the item to change 1. When the MODE button is pressed, the item will flash
- alternatively for selection, as shown in Step ④. With the desired item to change flashing, press and hold the MODE button to switch to the setting screen for the selected item



Carbon offset

MODE MENU

> The carbon offset icon grows in number as the carbon offset increases.

How to calculate the carbon offset The Carbon offset are calculated as follows.

Trip distance (km) x 0.15 = Carbon offset (kg)

This factor of 0.15 is determined by applying the average value of the overall gasoline-powered passenger cars in 2008 to the equation of the "Carbon offset from 1km drive of a gasoline-powered car" described on the website of the Ministry of Land, Infrastructure and Transport and Tourism (Japan).

DATA VIEW's display period and update timina

The data view is updated and the values displayed are reset, when the computer clock passes 0:00 in the morning. (The values reset manually are also reflected.) Refer to the following description.

| Item | Description | | | | | | |
|---|--|--|--|--|--|--|--|
| TOTAL | The total after starting measurement by this com- puter can be viewed. | | | | | | |
| WEEKLY | The total over 7 days including today can be viewed. | | | | | | |
| TODAY | The measurement data per day can be viewed. The | | | | | | |
| Past 6 days | data of the previous day is stored and the data of 7 days ago is deleted at the time of update at 0:00 in the morning. | | | | | | |
| * When data is reset manually, it is reflected as today's dat | | | | | | | |

| eter to the following procedure for setting. | | | | | | |
|--|---------------------------------|--|--|--|--|--|
| Item | Reference | | | | | |
| 1 CLOCK | Preparing the computer 6 | | | | | |
| 2 DATE | Preparing the computer ④ | | | | | |
| 3 STRIDE | Preparing the computer ⑧ | | | | | |
| 4 WEIGHT | Preparing the computer 🕖 | | | | | |
| 5 SLEEP Sleep time setting | | | | | | |
| 6 WHEEL Tire circumference | Preparing the computer 6 | | | | | |
| 7 UNIT Measurement unit | Preparing the computer 3 | | | | | |

* Date setting (DATE) cannot be changed to the date before the record date of DATA VIEW.

Beturn to the measuring screen

With each press of the MENU button, all changes are saved, and the unit returns to the setting screen for the selected item, the Menu screen and then the previous measuring screen.

Sleep time setting

Change the Sleep start time and end time. Press the MODE button to increase the value flashing, whereas press and hold it to switch the item to set.

The unit does not sleep when the Sleep start time is set as the same as the end time. In this case, the battery life is shortened.



Start time

Change the settings

Warning / Caution

- Pay careful attention to your surroundings when using the computer. 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 a long period of time.
- Do not disassemble the computer
- Do not drop the computer to avoid malfunction or damage.
 Do not carry computer in back pocket of pants. Sitting down with the computer put in back pocket of pants may damage the unit. When using the computer installed on the bracket, change the
- MODE by pressing on the three dots below the screen. Pressing hard on other areas can result in malfunction or damage to the computer.
- Be sure to tighten the dial of the FlexTight[™] bracket by hand. Tightening it strongly using a tool, etc. may damage the screw thread.
- Dispose of used batteries according to local regulations
- · LCD screen may be distorted when viewed through polarized sunglass lenses.

Walk mode

The unit may not make measurement correctly in the following environments and actions.

- When the unit moves irregularly in a bag
- When walking irregularly in sandals or wooden clogs
- When walking or jogging as if shuffling
- When walking is disturbed on a crowded road
- When standing up or sitting down When walking up and down a stairway or steep slope
- When getting on a vehicle (car, train, etc.)

Wireless sensor

- The sensor was designed to receive signals within a maximum range of 70 cm, to reduce chance of interference. When adjusting the wireless sensor, note the following:
- Signals cannot be received if the distance between the sensor
- and the computer is too large. The receiving distance may be shortened due to low tempera-
- ture and exhausted batteries. Signals can be received only when the back of the computer is facing the sensor.
- Interference may occur, resulting in incorrect data. if the computer is:
- Near a TV, PC, radio, motor, or in a car or train
- · Close to a railroad crossing, railway tracks, TV stations and/ or radar base
- Using with other wireless devices or some particular battery lights in close proximity

Replacing the battery

Computer If by turns on, replace the battery.

CAUTION

- Reset measured data manually just before replacing the battery. Today's measurement data is not saved when go through the restart operation without resetting data.
- Do not combine old and new batteries or different types of batteries. Do not insert them in the reverse direction
- 1. Remove the battery case cover, and hold the battery holder tab to pull out the battery. The battery holder is lifted when either tab is pulled up.
- 2. Insert 2 new lithium batteries (CR2032) in the battery holder, with the (+) side facing each other.



2 the \triangle mark toward the front side of the computer.

3. Press the AC button (restart operation) The whole screen illumination is turned

on. In the restart operation, the record data of the speed unit, date, tire circumference, weight, stride, and data view are maintained.

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- 4. Set the date
- For procedures, refer to 4
- When setting the date, the latest record date in the data view is initially displayed, and any date before that cannot be set.
- 5. Set the clock
 - For procedures, refer to "Preparing the computer 6)"
 - The time when the restart operation was performed is initially displayed on the screen. In the restart operation, the speed unit, date, tire circumference, weight,
- stride, and data view are maintained. CR2032

Speed sensor

When the sensor signal is hardly received in the bike mode, replace the battery Install a new lithium battery (CR2032)

- lation conditions, and check the po-
- sitions of the sensor and magnet. (
 Hor bicycle)

Trouble shooting

- Check the following items before contacting us. MODE does not change when the computer is mounted on its bracket.
- Check that there is no dirt between the bracket and the compu

Wash off the bracket with water to get rid of any dirt.

- The current speed is not displayed Check that the clearance between the speed sensor and magnet is not too large. (Clearance: within 5 mm) Check that the magnet passes through the sensor zone correctly. Adjust the positions of the magnet and speed sensor.

- Is the computer installed at the correct angle? Back of computer must face toward the speed sensor.
- Check that the distance between the computer and speed sensor is correct. (Distance: within 70 $\mbox{cm})$
- Install the speed sensor within the specified range
- Is the computer or sensor battery weak? In winter, battery performance diminishes.
- Replace with new batteries. (Replacing the battery)
- No display even after pressing the button
- Is battery in the computer run down?
- Replace with new batteries. (Replacing the battery) Incorrect data appear.
- Replacing the battery, Steps 3 to 5 (Restarting operation)

Maintenance

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

Computer: Lithium battery (CR2032) x 2 Battery Lithium battery (CR2032) x 1 Sensor: **Battery life** Computer: Bike mode About 1 year if it is used for 1 hour per day Walk mode: About 4.5 months when Walk using it for 10000 steps a day mode About 10000 km Sensor: This is the average figure of being used under 20 °C temperature and the distance between the computer and the sensor is 65 cm. Controller 8 bit, 1-chip microcomputer (Crystal controlled oscillator) Display Liquid crystal display Sensor No contact magnetic sensor, Acceleration sensor Transmission Within 70 cm distance 0100 mm - 3999 mm Tire circumference range (Initial value: 2096 mm) 32 °F - 104 °F (0 °C - 40 °C) (This product will Working not display appropriately when exceeding the temperature Working Temperature range. Slow response or black LCD at lower or higher temperature may happen respectively.) Dimensions/ Computer: 1-13/16" x 1-59/64" x 1/32" (46 x 49 x19.5 mm) / 1.3 oz (37 g) weight 1-41/64" x 1-27/64" x 19/32" (41.5 Sensor: x 36 x 15 mm) / 0.5 oz (15 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

Specification

(Accessories and Battery Consumption excluded)

CatEve cycle computers 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 during 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 certifi cate (proof of purchase) with instruction for repair. Please write or type your name and address clearly on the warranty certifi cate. 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

CAT EYE CO., LTD.

2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 Japan Attn: CATEYE Customer Service

| Phone : (06)6719-6863 | Fax : (06)6719-6033 |
|-------------------------------|-----------------------------|
| E-mail : support@cateve.co.jp | URL : http://www.cateye.com |

[For US Customers] CATEYE AMERICA, INC.

2825 Wilderness Place Suite 1200, Boulder CO80301-5494 USA Phone : 303.443.4595 Toll Free : 800.5CATEYE E-mail : service@cateye.com Fax: 303.473.0006



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Close

with the (+) side facing upward. After replacement, review the instal-