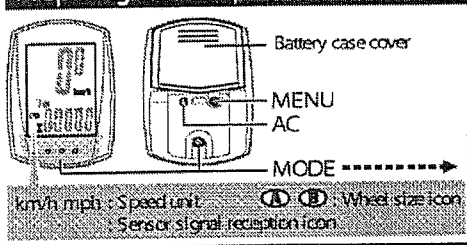
CATEYE STRADA DOUBLE WIRELESS CYCLOCOMPUTER CC-RD400DW

ENG / FR / DE / / NL / ES

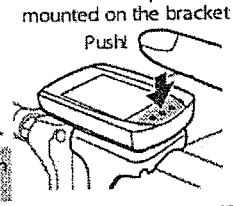
CCRD4DW-080110 0666000620 1

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

Preparing the computer

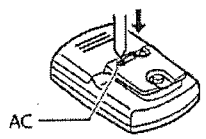


When the computer is mounted on the bracket



1 Clear all data (initialization)

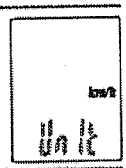
Press the AC button on the back.



2 Select the speed units

Select "km/h" or "mph".

MODE: km/h mph — MENU: Register the setting

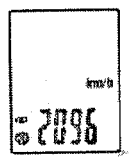


3 Enter the tire circumference

Enter the tire circumference of your bicycle in mm.

* Refer to the tire circumference reference table.

MODE: Increase the value — MODE: Move digits (by pressing & holding) — MENU: Register the setting

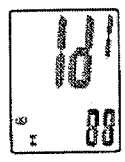


4 Set the sensor ID

Place the computer near the sensor. Pressing & holding RESET on the sensor displays the ID number on the screen, then moves to clock setting.

* While setting the ID, the computer is on standby for 5 minutes. If the computer does not receive any sensor signal, or you press and hold MODE during standby, "ERROR" is displayed and the ID is canceled. You can continue to set up, but cannot measure. Be sure to set the ID according to "Sensor ID setting" on the menu screen.

* When the ID has been already set, the original ID is applied if you cancel the ID.

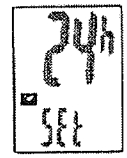


RESET: Start the ID setting (by pressing & holding) — MODE: Cancel the ID or reset (by pressing & holding) — MENU: Move to clock setting when no ID has been set

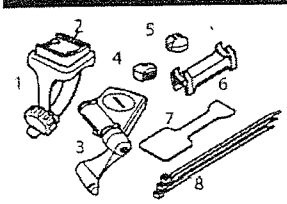
5 Set the clock

When MODE is pressed and held, "Displayed time", "Hour", and "Minute" will appear, in this order.

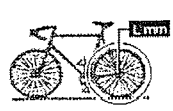
MODE: 24h 12h, or increase the value — MODE: Switch the screen or move digits (by pressing & holding) — MENU: Register the setting (Finish)



How to install the unit on your bicycle



1 Bracket band
2 Bracket
3 Sensor (Speed/Cadence)
4 Wheel magnet
5 Cadence magnet
6 Sensor rubber pad
7 Bracket rubber pad
8 Nylon ties (x3)



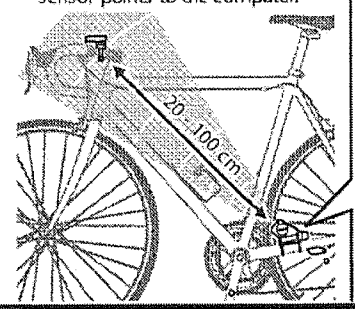
Tire circumference reference table

Tire size	L (mm)
12x1.75	935
12 x1.95	940
14x1.50	1020
14 x1.75	1055
16x1.50	1185
16 x1.75	1195
16x2.00	1245
16 x1-1/8	1290
16x1-3/8	1300
17 x1-1/4 (369)	1340
18x1.50	1340
18 x1.75	1350
20 x1.25	1450
20 x1.35	1460
20 x1.50	1490
20 x1.75	1515
20x1.95	1565
20 x1-1/8	1545
20 x1-3/8	1615
22 x1-3/8	1770
22 x1-1/2	1785
24 x1 (520)	1753
24 x3/4 Tubular	1785
24 x 1-1/8	1795
24 x 1-1/4	1905
24 x 1.75	1890
24 x 2.00	1925
24 x 2.125	1965
26 x 7/8 Tubular	1920
26 x 1 (571)	1952
26 x 1-1/8	1970
26 x 1-3/8	2068
26 x 1-1/2	2100
26 x 1.0 (559)	1913
26 x 1.25	1950
26 x 1.40	2005
26 x 1.50	2010
26 x 1.75	2023
26 x 1.95	2030
26 x 2.00	2055
26 x 2.1	2068
26 x 2.125	2070
26 x 2.35	2083
26 x 3.00	2170
27 x 1 (630)	2145
27 x 1-1/8	2155
27 x 1-1/4	2161
27 x 1-3/8	2169
650 x 20C	1938
650 x 23C	1944
650 x 35A	2090
650 x 38A	2125
650 x 38B	2105
700 x 18C	2070
700 x 19C	2080
700 x 20C	2086
700 x 23C	2096
700 x 25C	2105
700 x 28C	2136
700 x 30C	2146
700 x 32C	2155
700C Tubular	2130
700 x 35C	2168
700 x 38C	2180
700 x 40C	2200
700 x 44C	2224
29 x 2.1	2288
29 x 2.3	2326

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. With the riders weight on the bike, roll the wheel one tire revolution in a straight line and mark the ground when the valve stem is perpendicular to the ground again. Measure the distance in millimeters. This is the most accurate wheel calibration number.

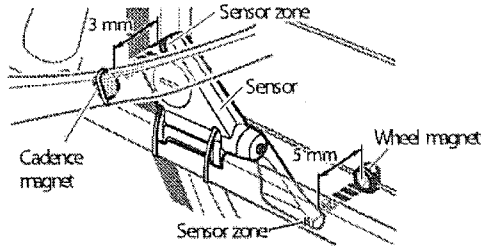
Install the sensor and magnet

A The distance between the computer and sensor is within the transmission range, and the mark ▲ on the sensor points to the computer.



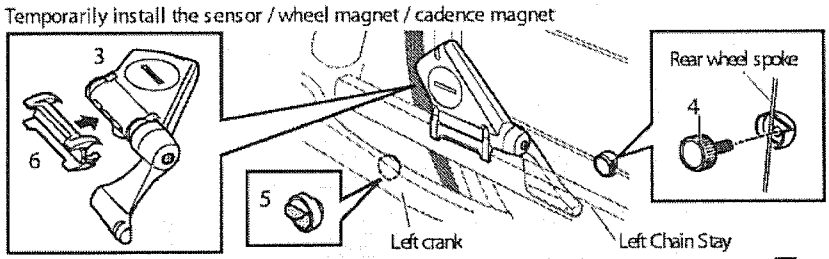
B The magnet faces the sensor zone of the sensor.

C The clearance between the sensor face and magnet is less than 5 mm for speed and 3 mm for cadence, respectively.



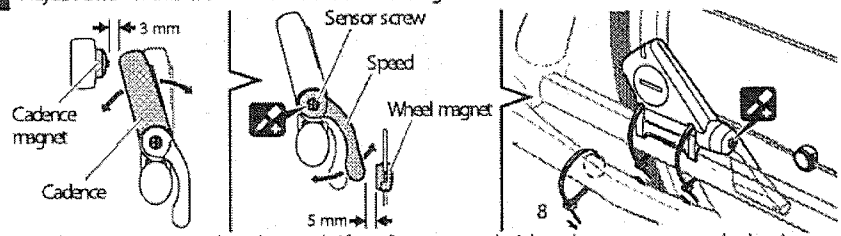
* The wheel magnet may be installed anywhere on the spoke if the above installation conditions are satis ed.

1 Temporarily install the sensor / wheel magnet / cadence magnet



* Temporarily install the sensor and 2 magnets at the respective points that satisfy the condition B. When the condition cannot be satis ed, move the sensor in the front-and-rear direction to adjust.

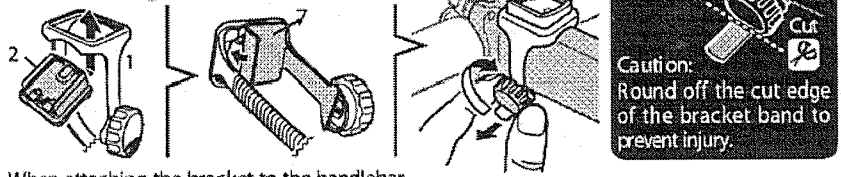
2 Adjust and x the clearance between the magnet and sensor



* Loosen the sensor screw to adjust the speed. After adjustment, rmly tighten the sensor screw and nylon tie to x.

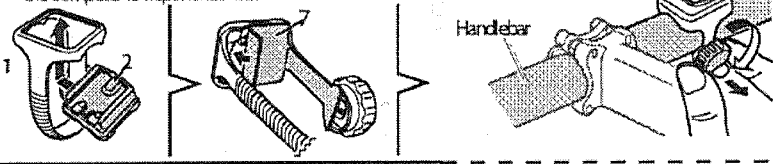
3 Attach the bracket to the stem or handlebar

When attaching the bracket to the stem

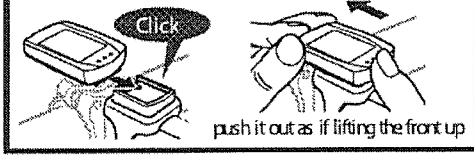


When attaching the bracket to the handlebar

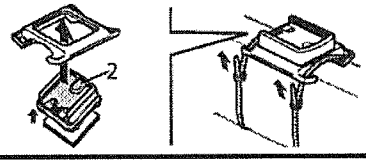
* On account of the receiving sensitivity, attach the bracket so that the computer is kept horizontal.



4 Remove/install the computer



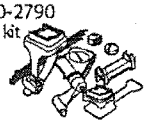
* For wing shaped handlebar or oversized stem, bracket can be mounted using the bracket holder and nylon ties. (Option parts)



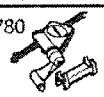
* After installment, check that the speed is displayed when gently turning the rear wheel, whereas the cadence (C) is displayed when turning the crank.
* When the sensor ID has not been set, set the ID according "Sensor ID setting" on the menu screen.

Standard parts

#160-2790 Parts kit



#160-2780 Sensor



#160-0280 Bracket band

#169-9766 Cadence magnet

#169-9691 Wheel magnet

#160-2193 Bracket

#166-5150 Lithium battery (CR2032)

Option parts

#160-2770 Bracket holder

⚠ 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 a long period of time.
- Do not disassemble the computer.
- Do not drop the computer to avoid malfunction or damage.
- 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.
- Tighten the dial on the FlexTight bracket by hand only. Over-tightening can damage the bracket threads.
- When cleaning the computer, bracket and sensor, do not use thinners, benzene, or alcohol.
- Dispose of used batteries according to local regulations.
- LCD screen may be distorted when viewed through polarized sunglass lenses.

Wireless Sensor

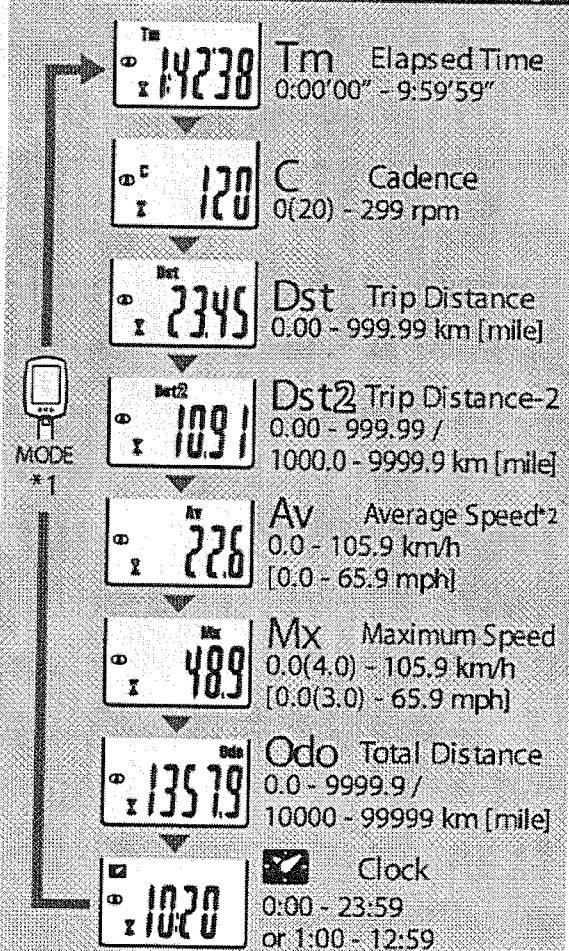
In order to prevent any interference with the sensor signal, the transmission range is designed to be 20 to 100 cm, in addition to use of the ID code. (This receiving range is only a reference.) Please note the following points.

- To use this unit, the sensor ID has to be
- Two different IDs, ID1 and ID2, can be registered to this unit, which are identi ed automatically.
- The computer cannot receive the signal when the distance between the sensor and computer is too long. Temperature drop and battery drain may worsen the receiving sensitivity even if they are within the transmission range.

Interference may occur, resulting in incorrect data, if the computer is:

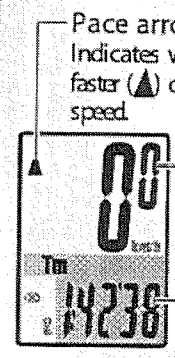
- Near a TV, PC, radio, motor, or in a car or train.
- Close to a railroad crossing, railway tracks, TV stations and/or radar base.
- Using with other wireless devices, or some particular battery lights.

Operating the computer [Measuring screen]



*1 With the computer installed on the bracket, press on the three raised dots on the face of the computer.

*2 If Tm exceeds approximately 27 hours or Dst exceeds 999.99 km, .E (Error) is displayed as the average speed. Reset data.



Starting/Stopping measurement

Measurements start automatically when the bicycle is in use. During measurement, km/h or mph - ashes.

Switching computer function

Pressing MODE switches function, in order, as shown on the left.

Resetting data

To reset measurement data, display any data other than for Dst-2 and then press and hold MODE. Pressing and holding MODE with Dst-2 displayed resets Dst-2 only. The total distance is never reset.

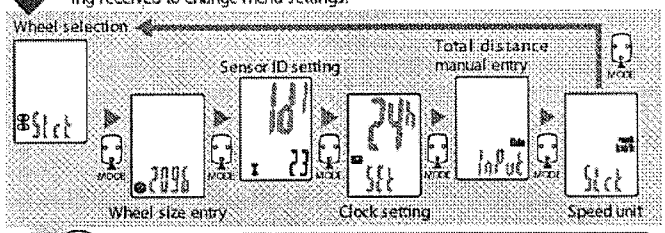
Power-saving function

If the computer has not received a signal for 10 minutes, power-saving mode will activate and only the clock will be displayed. When the computer receives a sensor signal again, the measuring screen reappears. If 60 minutes' inactivity elapses, power-saving mode will change to SLEEP mode. Pressing the MODE in SLEEP mode brings up the measuring screen.

Changing the computer settings [menu screen]

MENU

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.



MODE Setting change (by pressing & holding)

* After changing, be sure to press MENU to register the setting.
* If the menu screen is not touched for a minute, the measuring screen reappears without data changes.

Wheel selection ..... Toggle between the speci ed wheel size (tire circumference) Ⓐ and Ⓑ. Use this function if the computer is to be shared between two bicycles. Pressing MODE toggles between Ⓐ and Ⓑ.

Wheel size entry ..... Pressing MODE increases the value, and pressing and holding MODE moves to the next digit.
* To enter the wheel size Ⓑ, display Ⓑ using "Wheel selection".

Sensor ID setting..... Pressing MODE changes to ID1 or ID2, and pressing and holding MODE moves to Standby. To set the ID, refer to "Preparing the computer-4."
* ID2 is used when the computer is shared with the second sensor. The computer identi es ID1 and ID2 automatically.

Clock setting..... To set the clock, refer to "Preparing the computer-5".

Total distance manual entry
..... Before reinitializing the computer, note the total distance. This reading will later allow you to enter the total distance manually.

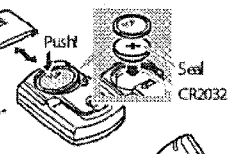
Speed unit..... Pressing MODE toggles between km/h and mph.

Maintenance

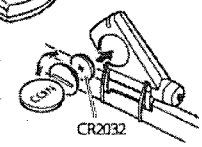
To clean the computer or accessories, use diluted neutral detergent on a soft cloth, and wipe it off with a dry cloth.

Replacing the battery

Computer
Replace the battery when the digit of the selected Mode - ashes. Install a new lithium battery (CR2032) with the (+) side facing upward. Then reinitialize the computer referring to "Preparing the computer".
* When the battery is installed, place the seal with the "TOP" side upward.



Sensor
Replace the battery when the speed digit flashes. After replacement, check the positions of the sensor and magnet.
* After the battery is replaced, ID setting is required again. For details, refer to "Sensor ID setting" on the menu screen.



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 - ash (the speed or cadence is not displayed).
Move the computer near the sensor, and turn the rear wheel or crank. If the sensor signal reception icon - ashes, this trouble may be due to battery drain, not any malfunction.
Set the sensor ID.
Set the ID according to "Sensor ID setting" on the menu screen.

Check that the clearance between each sensor and magnet is not too large. (Clearance: less than 5 mm for Speed and 3 mm for Cadence)
Check that the magnet goes through the relevant sensor zone.
Adjust the positions of the magnet and sensor.

Check that the distance between the computer and sensor is correct (Distance: within 20 to 100 cm)
Install the sensor within the speci ed range.

Is the computer or sensor battery weak? In winter, battery performance diminishes.
Replace with new batteries. After replacement, follow the procedure "Replacing the battery."

No display.
Is 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".

Speci cation

Battery.....Computer : Lithium battery (CR2032) x 1
Sensor : Lithium battery (CR2032) x 1
Battery life.....Computer : Approx. 1 years (If the computer is used for 1 hour/day, the battery life will vary depending on the conditions of use.)
Sensor : Approx. 6 months (If the computer is used for 1 hour/day, the battery life will vary depending on the conditions of use.)
* This is the average gure of being used under 20 °C temperature and the distance between the computer and the sensor is 100 cm.
Controller.....4-bite, 1-chip microcomputer (Crystal-controlled oscillator)
Display.....Liquid crystal display
Sensor.....No contact magnetic sensor
Transmission distance...Between 20 and 100 cm
Wheel circumference range
.....0100 mm - 3999 mm (Default gure A: 2096 mm B: 2096 mm)
Working temperature.....32 ¡ F - 104 ¡ F (0 ¡ C - 40 ¡ C) (This product will not function appropriately when exceeding the Working Temperature range. Slow response or black LCD at lower or higher temperature may happen respectively.)
Dimensions/weight.....Computer : 1-53/64Ó x 1-7/32Ó x 5/8Ó/46.5 x 31 x 16 mm / 0.78 oz (22 g)
Sensor : 1-63/64Ó x 2-55/64Ó x 45/64Ó/50.5 x 72.5 x 17.7 mm (Excluding the arm) / 1.06 oz (30 g)
* The factory-loaded battery life might be shorter than the above-mentioned speci cation.
* The speci cations and design are subject to change without notice.