



# CATEYE QUICK



CC-RS100W



This Quick Start manual will explain how to set up the computer and how to install the computer and the sensor to the bicycle.

**Start**

- \* In this manual, orange text/icons on the computer screen represent flashing items.
- \* This manual and YouTube videos for this product are subject to change without notice.
- \* An [instruction manual \(PDF\)](#) detailing all functions is available on the website.



## Menu

Follow the steps below to set up the computer and the sensor.

**1. Set up the computer**

**2. How to install the bracket**

**3. How to install the speed sensor**

**4. Test operation**

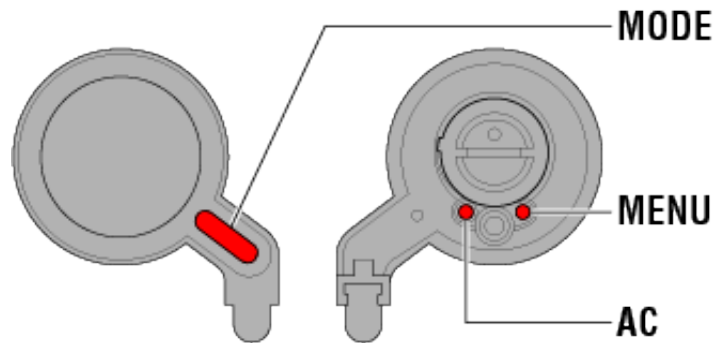
**Return to Top**



## Menu

### 1. Set up the computer

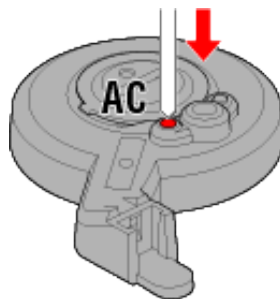
Use these buttons for setup.



### 1. Clear all data (initialization)

Initialize the computer.

Press the **AC** button on the back of the computer.



The whole display turns on and then switches to the speed unit setting screen.

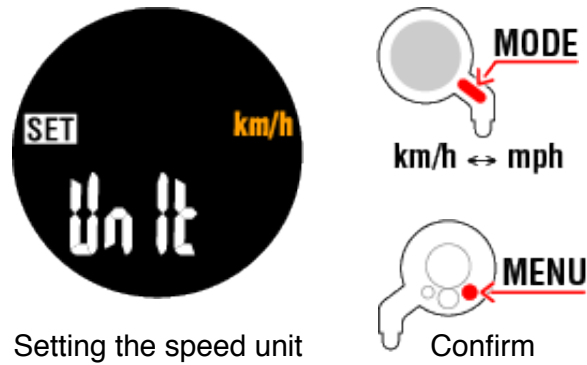


### 2. Set the speed unit

Select either “km/h” or “mph.”

Press the **MODE** button to switch between speed units.

After selecting the unit, press the **MENU** button to confirm.



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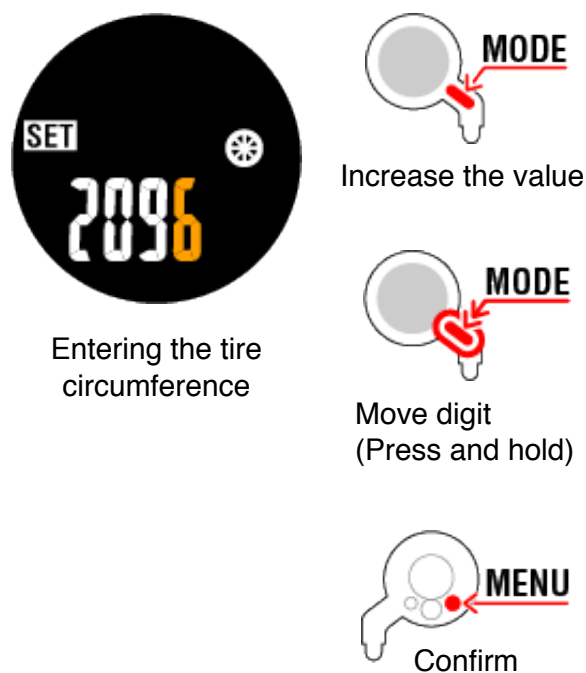
### 3. Enter the tire circumference

Enter the tire circumference of your bicycle.

Refer to [“Determine tire circumference”](#) to enter the 4-digit tire circumference (mm). (0100 to 3999 mm)

- Press the **MODE** button : The flashing value increase
- Press and hold the **MODE** button : Move digit

After entering the circumference, press the **MENU** button to confirm.

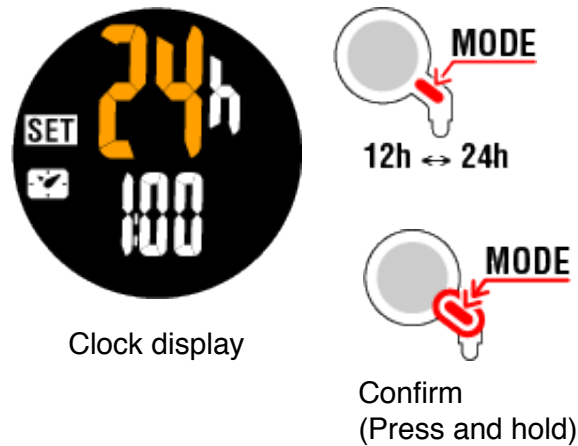


## 4. Set the clock display

Select either “12h” or “24h.”

Press the **MODE** button to switch between time formats.

After selecting the format, press and hold the **MODE** button to confirm.



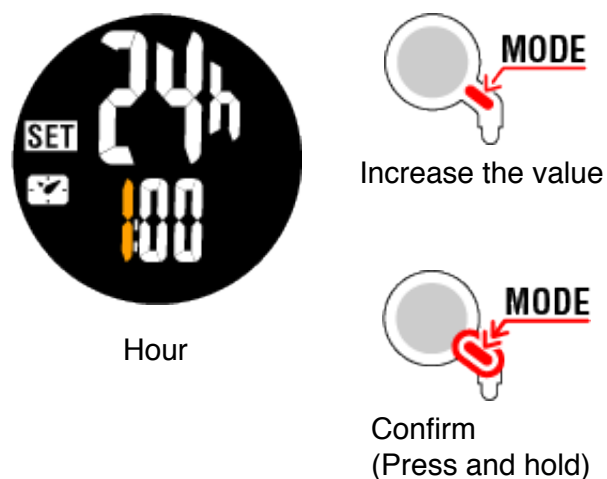
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## 5. Set the hour

Enter the current hour.

Press the **MODE** button to increase the flashing value (hour).

After setting the hour, press and hold the **MODE** button to confirm.

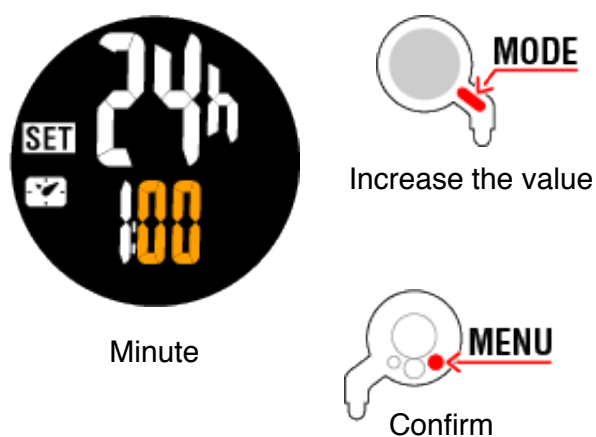


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## 6. Set the minute

Enter the current minute.

Press the **MODE** button to increase the flashing value (minute).  
After setting the minute, press the **MENU** button to confirm.



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## Setup is completed

The measurement screen appears.



Now, setup of the computer is completed.

**2. How to install the bracket**

**3. How to install the speed sensor**

**4. Test operation**

**Return to Menu**



## 1. Set up the computer

### Determine tire circumference

Determine tire circumference (L) by referring to the tire size chart or by measuring the actual tire circumference of your bicycle.

## Tire circumference reference table

You can find the circumference on the tire size chart.

\* The tire size or ETRTO code is indicated on the side of the tire.

ETRTO	Tire size	L (mm)
47-203	12x1.75	935
54-203	12x1.95	940
40-254	14x1.50	1020
47-254	14x1.75	1055
40-305	16x1.50	1185
47-305	16x1.75	1195
54-305	16x2.00	1245
28-349	16x1-1/8	1290
37-349	16x1-3/8	1300
32-369	17x1-1/4 (369)	1340
40-355	18x1.50	1340
47-355	18x1.75	1350
32-406	20x1.25	1450
35-406	20x1.35	1460
40-406	20x1.50	1490
47-406	20x1.75	1515
50-406	20x1.95	1565
28-451	20x1-1/8	1545
37-451	20x1-3/8	1615
37-501	22x1-3/8	1770

40-501	22x1-1/2	1785
47-507	24x1.75	1890
50-507	24x2.00	1925
54-507	24x2.125	1965
25-520	24x1 (520)	1753
	24x3/4 Tubular	1785
28-540	24x1-1/8	1795
32-540	24x1-1/4	1905
25-559	26x1 (559)	1913
32-559	26x1.25	1950
37-559	26x1.40	2005
40-559	26x1.50	2010
47-559	26x1.75	2023
50-559	26x1.95	2050
54-559	26x2.10	2068
57-559	26x2.125	2070
58-559	26x2.35	2083
75-559	26x3.00	2170
28-590	26x1-1/8	1970
37-590	26x1-3/8	2068
37-584	26x1-1/2	2100
	650C Tubular 26x7/8	1920
20-571	650x20C	1938
23-571	650x23C	1944
25-571	650x25C 26x1 (571)	1952
40-590	650x38A	2125
40-584	650x38B	2105
25-630	27x1 (630)	2145
28-630	27x1-1/8	2155
32-630	27x1-1/4	2161
37-630	27x1-3/8	2169
40-584	27.5x1.50	2079
54-584	27.5x2.1	2148
57-584	27.5x2.25	2182
18-622	700x18C	2070



19-622	700x19C	2080
20-622	700x20C	2086
<b>23-622</b>	<b>700x23C</b>	<b>2096</b>
25-622	700x25C	2105
28-622	700x28C	2136
30-622	700x30C	2146
32-622	700x32C	2155
	700C Tubular	2130
35-622	700x35C	2168
38-622	700x38C	2180
40-622	700x40C	2200
42-622	700x42C	2224
44-622	700x44C	2235
45-622	700x45C	2242
47-622	700x47C	2268
54-622	29x2.1	2288
56-622	29x2.2	2298
60-622	29x2.3	2326

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## Measure actual tire circumference

You can measure the tire circumference of your bicycle.

With tire air pressure adjusted appropriately, apply a load to the bicycle.

Using the valve, etc., as a marker, rotate the tire once and measure the distance traveled along the ground.




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**Return to “1. Set up the computer”**



## Menu

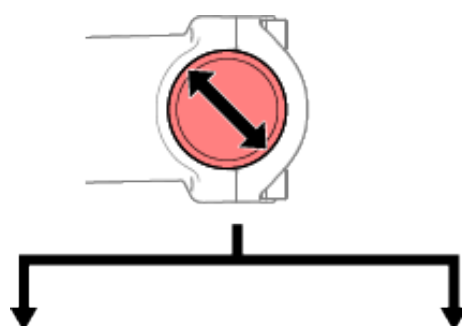
1. Set up the computer

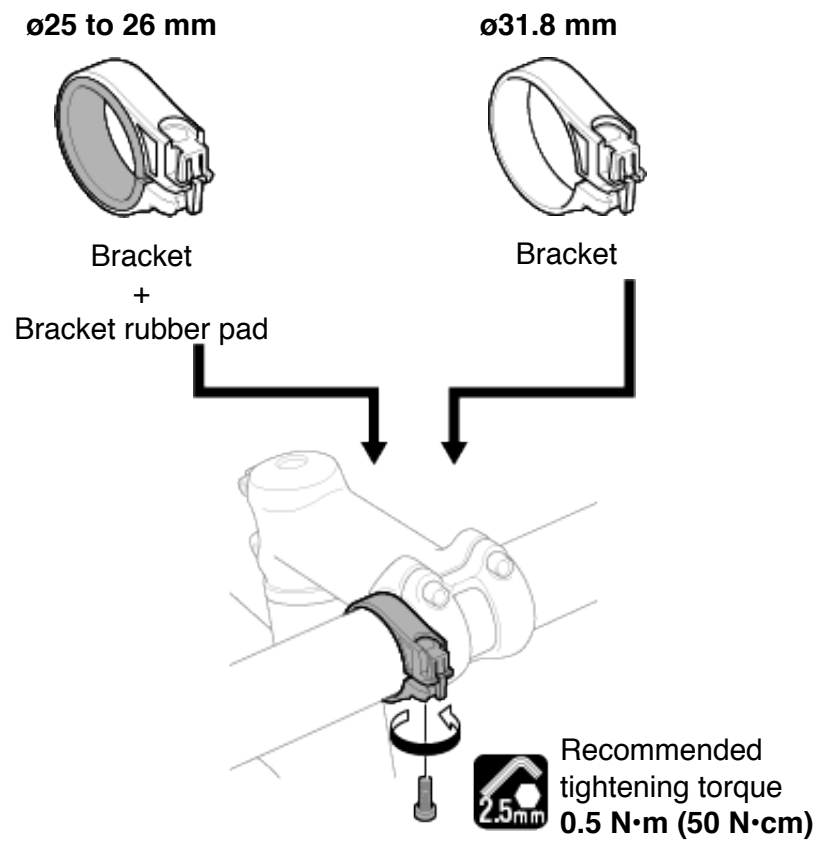
2. How to install the bracket



## 1. Mount the bracket

Handlebar diameter



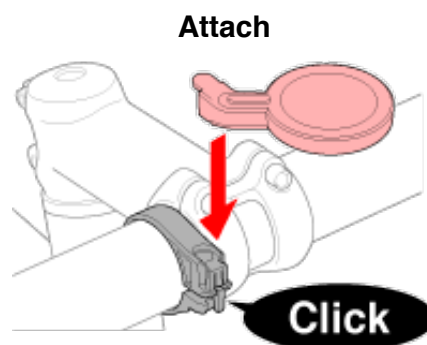


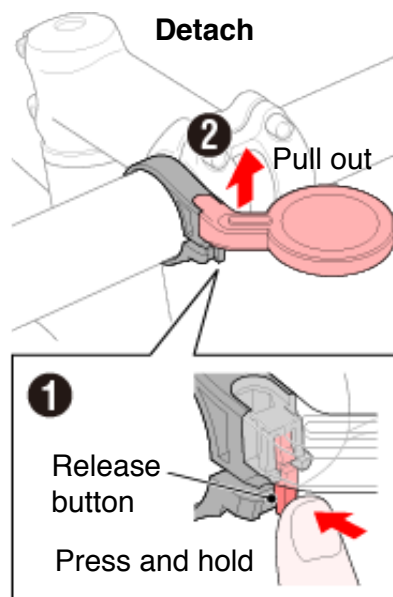
### Caution

Adjust the mounting angle so that the back side of the computer faces the speed sensor.



## 2. Attach/detach the computer





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The bracket installation is now completed.

**3. How to install the speed sensor**

**4. Test operation**

**Return to Menu**



Menu

1. Set up the computer

2. How to install the bracket

3. How to install the speed sensor



The speed sensor installation is now completed.

4. Test operation

Return to Menu



## Menu

1. Set up the computer

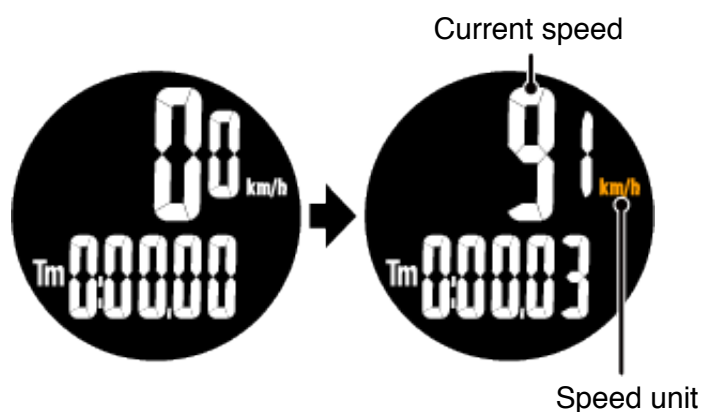
2. How to install the bracket

3. How to install the speed sensor

4. Test operation

## Rotate the front wheel of the bicycle

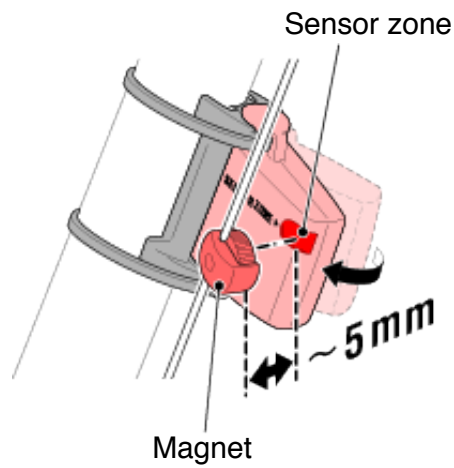
Verify that the current speed is displayed on the computer and that the speed unit flashes.



If the current speed is not displayed, check the installation conditions below and perform another operation test.

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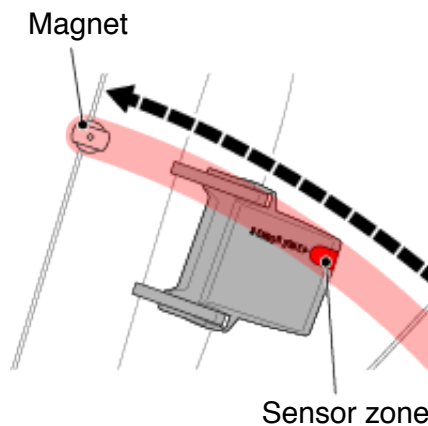
**The clearance between the speed sensor and the magnet is within 5 mm.**



\* For more details on mounting the speed sensor, refer to [“3. How to install the speed sensor”](#).

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## The magnet passes through the speed sensor zone.

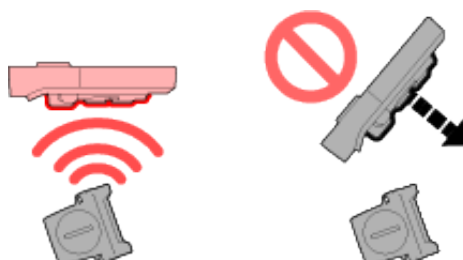


\* For more details on mounting the speed sensor, refer to [“3. How to install the speed sensor”](#).

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## The back of the computer faces the speed sensor.

Adjust the mounting angle so that the back side of the computer faces the speed sensor.



\* For more details on mounting the bracket, refer to “[2. How to install the bracket](#)”.

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Preparation of the computer is now completed.

For the computer measurement functions or changing the settings, refer to the instruction manual on the website.

**Manual (PDF)**

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