CATEYE V3n
CC-TR210DW/TR310TW
Quick Start

START

Click the button and follow the instructions.

Thank you for purchasing our cyclocomputer CATEYE V3n.

This Quick Start Manual explains how to set up the computer, how to install the unit to your bicycle, and how to wear the heart rate sensor.
Please set up the unit according to the specified procedure, then it will be ready for use as a cyclocomputer.

- **Before use, read the instruction manual that comes with the product thoroughly to the end to understand the functions of this unit, and to use it safely in a correct manner.**
- **Pacemaker users should never use the heart rate sensor.**

Next

This PDF contains a movie file.
When you click on the movie screen, a message regarding security appears. Click the "**Trust in the text**" or "**Play**" button to close the message.
Click the screen again to play the movie.

Next

CATEYE V3n
Quick Start Manual

Return to a Cover

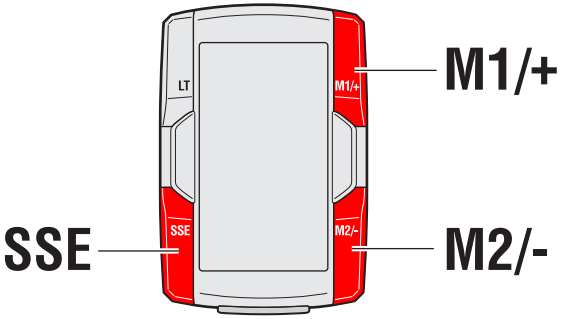
Contents

Click the item you wish to view.

Operation of buttons

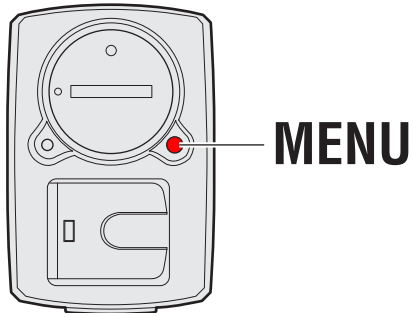
Set up the computer by operating the buttons as follows.
Check the button position before you start setting up.

Front



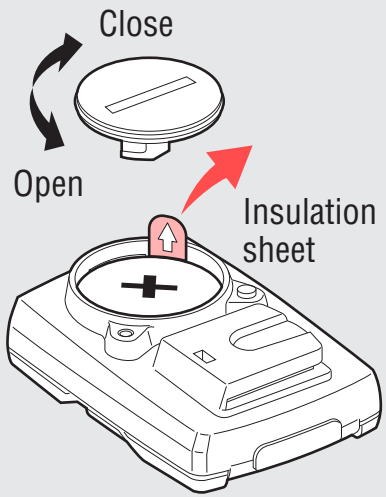
Press the **SSE** button, the **M1/+** button, and the **M2/-** button on the front of the computer.

Back



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

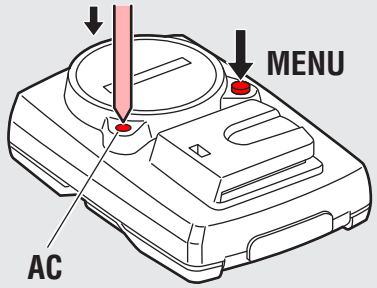
Next



Preparation for setting up

Open the battery cover on the back of the computer using a coin, and then pull out the insulation sheet.

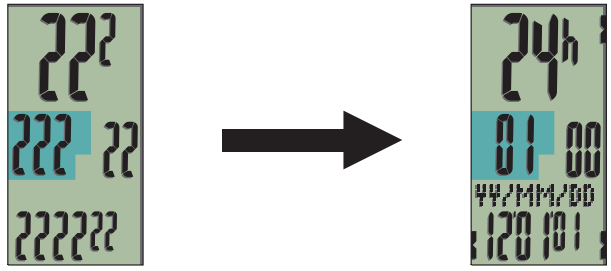
* After pulling out, replace the battery cover as before.



Formatting operation

While pressing the **MENU** button on the back of the computer, press the **AC** button. About 3 seconds later, a test pattern is displayed on the screen. Then, release the **MENU** button.

The date/clock setting screen appears, and the set up starts.



Test pattern

Setting the date display

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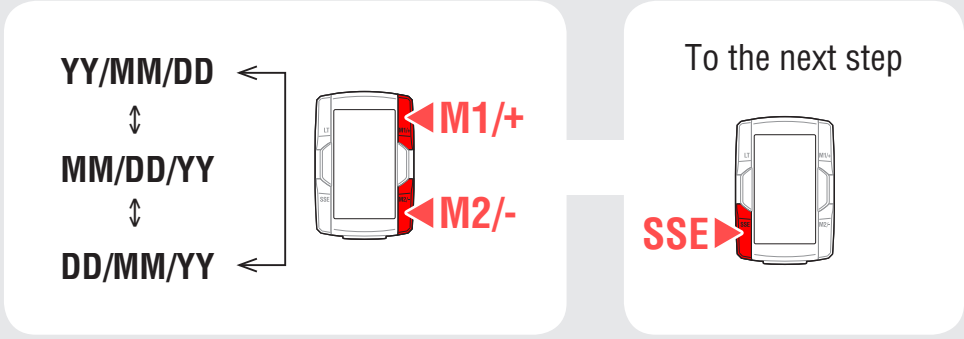
Date display

Setting the date display

When the **M1/+** button or the **M2/-** button is pressed, either "**YY/MM/DD**", "**MM/DD/YY**" or "**DD/MM/YY**" is selected for the date display. Select the display of your choice.

After selecting, press the **SSE** button to proceed to the next step "Setting the year".

* The following description is for the case when "**YY/MM/DD**" is selected.



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Setting up the computer

- Preparation for setting up
- Formatting operation
- Setting the date display
- Setting the year
- Setting the month
- Setting the day
- Setting the clock display
- Setting the hour
- Setting the minute
- Entering the tire circumference
- Setting the speed unit
- Measuring screen (Setup completed)

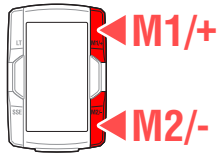
Year

Setting the year

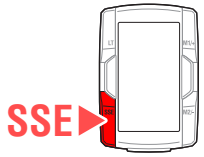
Pressing the **M1/+** button increases the value (“Year” of the date) flashing, and pressing the **M2/-** button decreases it. Enter any value.

After entering, press the **SSE** button to proceed to the next step “Setting the month”.

Increase the value



To the next step



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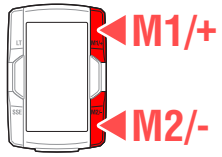
Month

Setting the month

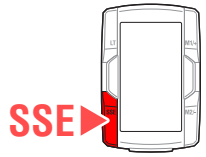
Pressing the **M1/+** button increases the value (“Month” of the date) flashing, and pressing the **M2/-** button decreases it. Enter any value.

After entering, press the **SSE** button to proceed to the next step “Setting the day”.

Increase the value



To the next step



Return

Next

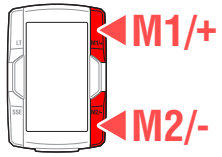
Day

Setting the day

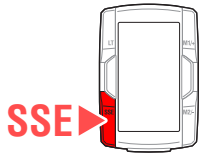
Pressing the **M1/+** button increases the value (“Day” of the date) flashing, and pressing the **M2/-** button decreases it. Enter any value.

After entering, press the **SSE** button to proceed to the next step “Setting the clock display”.

Increase the value



To the next step



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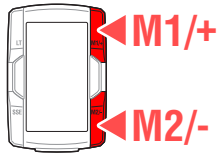
Clock display

Setting the clock display

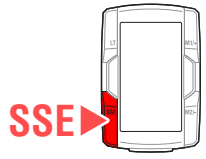
When the **M1/+** button or the **M2/-** button is pressed, either "**12h**" or "**24h**" is selected for the clock display. Select the display of your choice.

After selecting, press the **SSE** button to proceed to the next step "Setting the hour".

24h ↔ 12h



To the next step



Return

Next

Hour

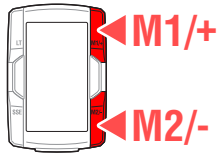
Setting the hour

Pressing the **M1/+** button increases the value (“Hour” of the clock) flashing, and pressing the **M2/-** button decreases it. Enter any value.

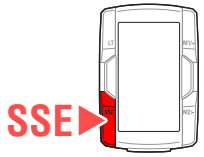
* When you selected “**12h**”, enter the value corresponding to “**AM/PM**”.

After entering, press the **SSE** button to proceed to the next step “Setting the minute”.

Increase the value



To the next step



Return

Next

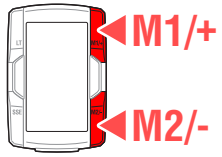
Minute

Setting the minute

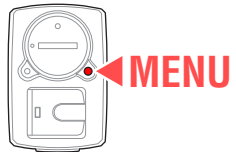
Pressing the **M1/+** button increases the value (“Minute” of the clock) flashing, and pressing the **M2/-** button decreases it. Enter any value.

After entering, press the **MENU** button to change to the Measuring screen, and then proceed to the next step “Entering the tire circumference”.

Increase the value



To the next step



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Setting up the computer

Entering the tire circumference

Tire circumference reference table

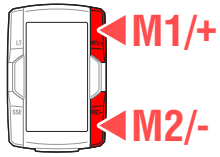
Entering the tire circumference

Enter the tire circumference (mm) of your bicycle with 4 digits using the tire circumference reference table.

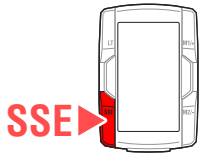
Pressing the **M1/+** button increases the value flashing, and pressing the **M2/-** button decreases it. Pressing the **SSE** button moves to the next two digits.

After entering, press the **MENU** button to proceed to the next step “Setting the speed unit”.

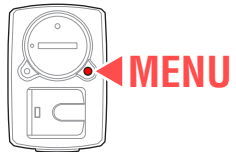
Increase the value



Move digit



To the next step



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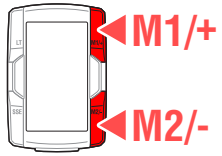
Setting the speed unit

Setting the speed unit

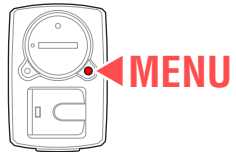
When the **M1/+** button or the **M2/-** button is pressed, either "**km**" or "**mile**" is selected for the measurement unit. Select the display of your choice.

Press the **MENU** button to move to the measuring screen.

km/h ↔ mph



Setup is completed.
To the measuring screen



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Setting up the computer

Measuring screen

Now, setup of the computer is completed.

For the speed sensor installation, return to Contents and see related videos.
Instruction video on how to wear the heart rate sensor is also available.

Return

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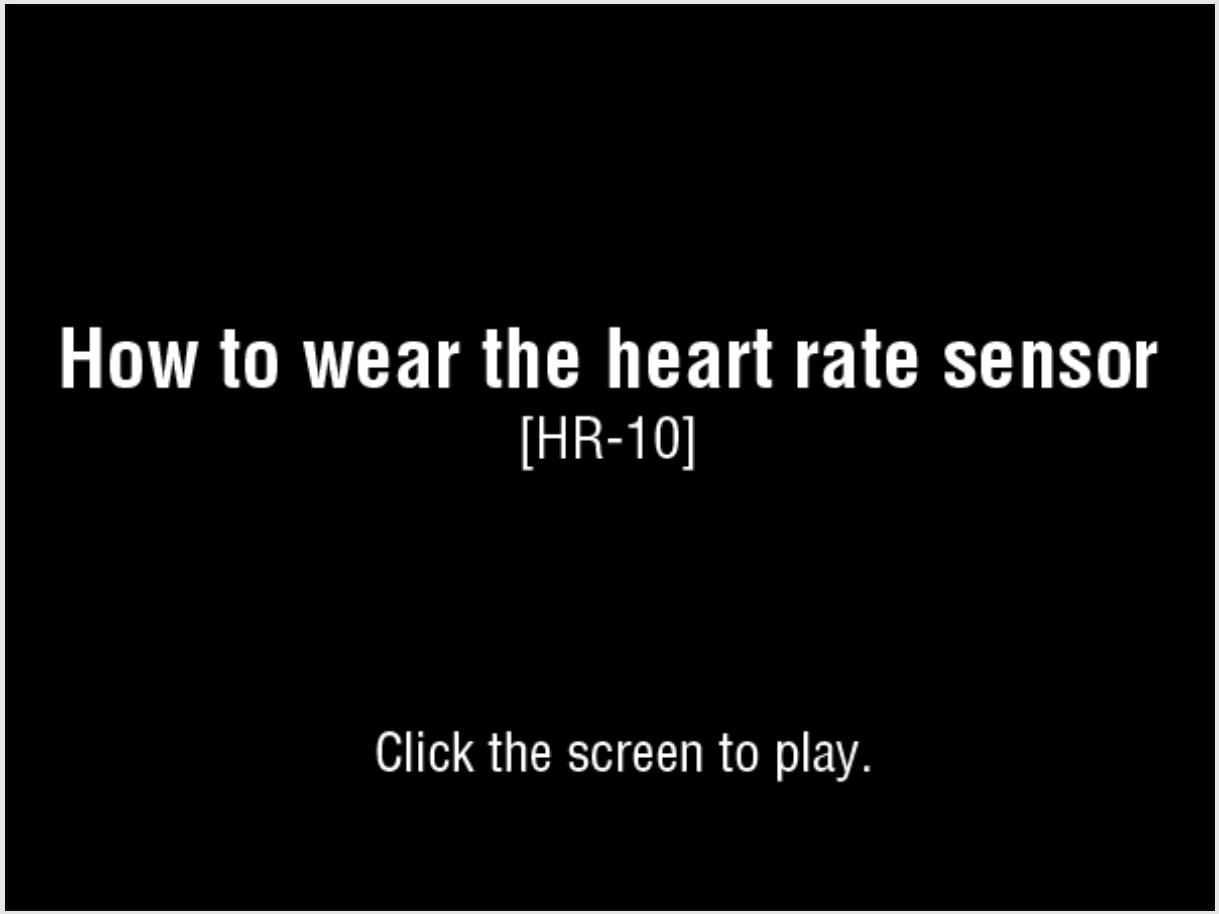
How to install the bracket
[FlexTight™]
Click the screen to play.


How to install the speed sensor
[ISC-10]
Click the screen to play.


How to wear the heart rate sensor
[HR-10]
Click the screen to play.

Tire circumference reference table

* Generally, the tire size or ETRTO 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

ETRTO	Tire size	L (mm)
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

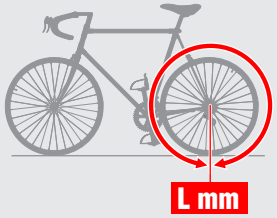
ETRTO	Tire size	L (mm)
37-559	26x1.40	2005
40-559	26x1.50	2010
47-559	26x1.75	2023
50-559	26x1.95	2050
54-559	26x2.10	2068
57-559	26x2.125	2070
58-559	26x2.35	2083
75-559	26x3.00	2170
28-590	26x1-1/8	1970
37-590	26x1-3/8	2068
37-584	26x1-1/2	2100
	650C Tubular 26x7/8	1920
20-571	650x20C	1938
23-571	650x23C	1944

ETRTO	Tire size	L (mm)
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
18-622	700x18C	2070
19-622	700x19C	2080
20-622	700x20C	2086
23-622	700x23C	2096
25-622	700x25C	2105
28-622	700x28C	2136
30-622	700x30C	2146

ETRTO	Tire size	L (mm)
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
60-622	29x2.3	2326

Measure the tire circumference (L) of your bicycle

Adjust the tire pressure properly. With the rider's weight applied on the bicycle, roll the wheel one tire revolution with reference to a marker such as the valve, and measure the travel distance on the ground.



Return

Registering a new sensor

IDs of sensors supplied with this device are synchronized.
For any other sensors, synchronize the sensor ID according to the following procedure.

* The Q series, 2.4GHz digital sensor can also be used.

Speed sensor
ISC-10
(**SPEED/CADENCE**)

Heart rate sensor
HR-10

Next

To “Searching for sensor ID”

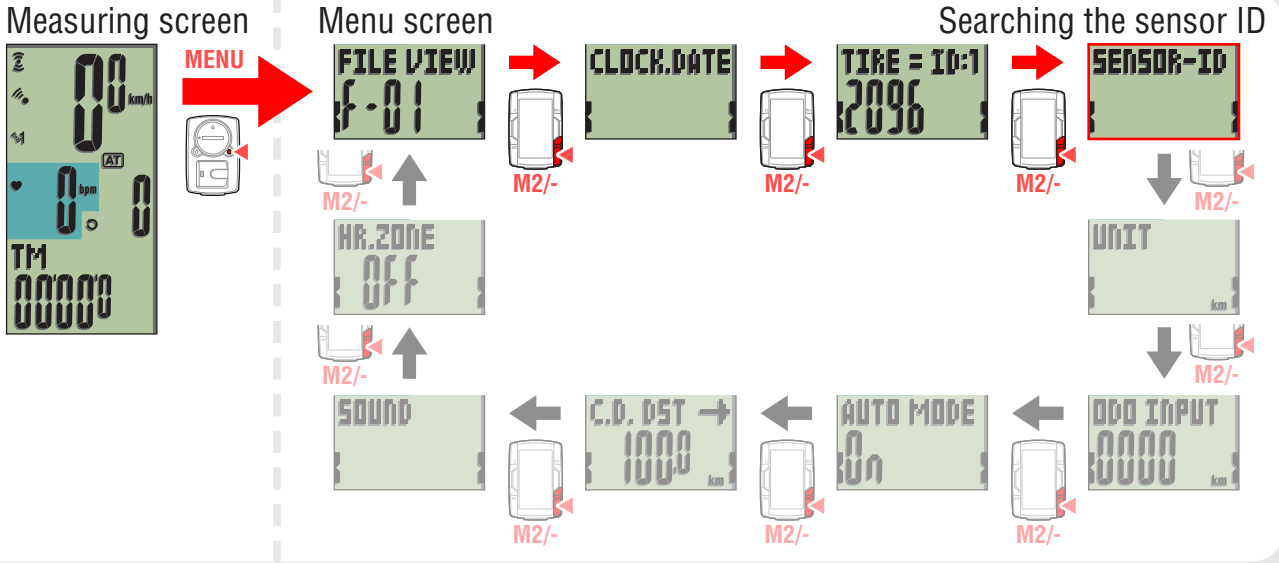
Sensor selection

Start of searching for sensor ID

Completion of searching for sensor ID

Switching to the “Searching for sensor ID” screen

From the measurement screen, press the **MENU** button to switch to the Menu screen. Press the **M2/-** button 3 times to change to the “Searching the sensor ID” screen with “**SENSOR-ID**” displayed, and press the **SSE** button.



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Registering a new sensor

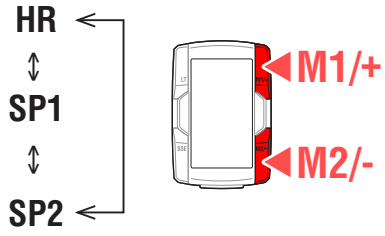
To “Searching for sensor ID”
Sensor selection
Start of searching for sensor ID
Completion of searching for sensor ID

Sensor selection

Sensor selection

Pressing the **M1/+** or **M2/-** button changes the display as “**HR**”, “**SP1**”, and “**SP2**” in order.

- In case of speed sensor
  Select “**SP1**” or “**SP2**”.
  * The sensor supplied with this device has been registered as **SP1**. Once you change this, the sensor supplied with this device cannot be used. Select **SP2** when you register it for your second bicycle.
- In case of heart rate sensor
  Select “**HR**”.
  * Once you change the sensor ID, the sensor supplied with this device cannot be used.



Return
Next

To “Searching for sensor ID”

Sensor selection

Start of searching for sensor ID

Completion of searching for sensor ID

Standby for the sensor ID

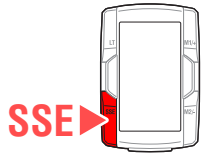
Searching the sensor ID (Movie)

Start of searching for sensor ID

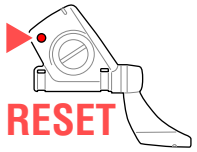
Pressing the **SSE** button switches to the “Standby for the sensor ID” screen. Then, press the **RESET** button on the sensor.

* A sensor ID signal is sent when you press and then release the **RESET** button.
* For the Q series, 2.4GHz digital sensor, follow the instructions described in the instruction manual.

Start of searching for sensor ID



Speed sensor



Heart rate sensor

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Registering a new sensor

To “Searching for sensor ID”
Sensor selection
Start of searching for sensor ID
Completion of searching for sensor ID

Completion of searching for sensor ID

In case of **SP1** and **SP2**
(Current speed)

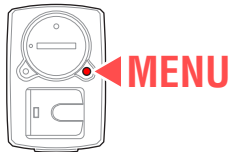
In case of **HR**
(Heart rate)

Completion of searching for sensor ID

“**ID-OK**” appears when the computer receives an ID signal from the sensor correctly.

After searching, press the **MENU** button 2 times to return to the measurement screen.

Setup is completed.
To the measuring screen



(Press 2 times)

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