



CATEYE STEALTH@VO↔ CC-GL51 Quick Start

Click the button and follow the instructions.

Thank you for purchasing our cyclocomputer CATEYE STEALTH evo+.

This Quick Start Manual explains how to set up the STEALTH evo+ and how to install the unit on your bicycle.

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.

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.



Contents

Click on the item to view.

Operation of buttons

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





Setting up the STEALTH evo+





Power ON

Pressing and holding the **U** button on the back of the STEALTH evo+ for 2 seconds turns on the power, and the screen lights up.



Power ON (Press and hold)



Setting up the STEALTH evo+



Formatting operation

Press the **MENU** button on the back of the STEALTH evo+ and the **AC** button simultaneously.

After all screen items light up, the display will be changed to the speed unit setting screen, and setup will start.



- * Press and hold the **MENU** button for 3 seconds after releasing the **AC** button.
- * If the video does not play, please click here. (YouTube movie)



Setting up the STEALTH evo+



Setting the speed unit

When the **MODE** button is pressed, either "**km/h**" or "**m/h** (**mile**)" is selected for the speed unit display. Select the display of your choice.

Press the **MENU** button to go to the next step "Selecting the time zone".



To the next step





Setting up the STEALTH evo+



Pairing (Searching the sensor ID)

When using the ANT+ sensor, it is necessary to perform pairing with the STEALTH evo+. When not using, pairing is not required.

Click on either button and follow the steps below.

Pairing can be performed also after setting is completed. When you perform pairing later, click on "I do not have an ANT+ sensor".





I do not have an ANT+ sensor

Pairing is not required. Press the **MENU** button 5 times to jump to the next step "Setting the time zone".



Pairing

To "Setting the time zone".



Setting up the STEALTH evo+



Setting the time zone

Select the code for the city nearest from your current location, while viewing the "Time zone list".

When the **MODE** button is pressed, the city code changes. After selecting the appropriate city code, press and hold the **MODE** button to go to the next step "Setting the daylight saving time".

Change city code



To the next step





Setting up the STEALTH evo+



Setting the daylight saving time

Change **ON/OFF** according to the period of daylight saving time, when you are on Daylight Saving Time. Press and hold the **MODE** button to go to the next step "Setting the clock display format".



To the next step





Setting up the STEALTH evo+



Setting the clock display format

When the **MODE** button is pressed, either "**12h**" or "**24h**" is selected for the clock display format. Select the display format of your choice.

* Date and clock are acquired from GPS signal; therefore, it is not necessary to enter them.

Press the **MENU** button to change to the GPS search screen.

12h ↔ 24h

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Setting completed To the GPS search screen





Setting up the STEALTH evo+



Now, setup of the STEALTH evo+ is completed.

When the bracket is not attached to your bicycle, return to Contents, click on "How to install the bracket (movie formant)", and then attach it according to the instructions.

Receiving the GPS signal or pressing the **MODE** button changes to the measurement screen.



Setting the time zone



City code	City name	Time dif- ference
LON	London	0
PAR	Paris	+1
ATH	Athens	+2
MOM	Moscow	+3
THR	Tehran	+3.5
DXB	Dubai	+4
KBL	Kabul	+4.5
KHI	Karachi	+5
DEL	Delhi	+5.5
DAC	Dhaka	+6
RGN	Yangon	+6.5
BKK	Bangkok	+7
HKG	Hong Kong	+8
TY0	Tokyo	+9
DRW	Darwin	+9.5
SYD	Sydney	+10
NOU	Noumea	+11
WLG	Wellington	+12
PPG	Pago Pago	-11
HNL	Honolulu	-10
ANC	Anchorage	-9
LAX	Los Angeles	-8
DEN	Denver	-7
CHI	Chicago	-6
NYC	New York	-5
CCS	Caracas	-4
RIO	Rio de Janeiro	-3





I have an ANT+ sensor

This unit has 2 different methods for pairing.

• Automatic search:

The STEALTH evo+ completes pairing by receiving the signal sent from the ANT+ sensor. Generally, use this method for pairing.

• Manual ID number entry:

When the sensor ID number is known, you can perform pairing by entering the number. Use this method for paring, when there are two or more ANT+ sensors, such as at a race site, and automatic search cannot be done.





Pairing: Automatic search (1/4)

Pressing the **MENU** button changes the sensor value in the middle display. Perform pairing with your sensor as described below.



- * When you perform pairing with "**SP:1**" (Speed sensor), the display of "**ISC:1**" (Speed/cadence sensor) is skipped.
- * When you perform pairing with "**ISC:1**" (Speed/cadence sensor), the display of "**CD:1**" (Cadence sensor) is skipped.
- * Select "**ISC**" to pair the CATEYE speed/cadence sensor (ISC-11).



Setting up the STEALTH evo+



(Setup completed)

Pairing: Automatic search (2/4)

Pressing and holding the **MODE** button changes the value in the lower display, and then automatic search is started.

Send the sensor signal in the following procedure during the search mode for 5 minutes as shown on the left.

	Sensor type	Method		
SP:1	Speed sensor	Move the magnet close to		
ISC:1	Speed/cadence sensor	the sensor zone (at a dis-		
CD:1	Cadence sensor	tance of less than 3 mm)		
HR:1	Heart rate sensor	Wear the heart rate sensor		
PW:1	Power sensor	Ride the bicycle		



Setting up the STEALTH evo+



Pairing: Automatic search (3/4)

When the STEALTH evo+ receives the ID signal from the sensor successfully, the ID number is displayed.

Press the **MENU** button to register the setting, and then perform paring for the next sensor.

Registering the setting







Pairing: Automatic search (4/4)

When you use other sensors, perform pairing in the same procedure.



Pressing the **MENU** button with "**PW**" (Power sensor) goes to the next step. The screen of the next step differs depending on the speed sensor you have searched.



Setting up the STEALTH evo+





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

Pressing the **MODE** button increases the value flashing, and pressing and holding the **MODE** button moves to the next digit.

After entering, press the **MENU** button to go to the next step "Setting the time zone".





Setting up the STEALTH evo+



Setting the time zone

Select the code for the city nearest from your current location, while viewing the "Time zone list".

When the **MODE** button is pressed, the city code display changes. After selecting the appropriate city code, press and hold the **MODE** button to go to the next step "Setting the daylight saving time".





Setting up the STEALTH evo+



Setting the daylight saving time

Change **ON/OFF** according to the period of daylight saving time, when you are on Daylight Saving Time. After selecting, press and hold the **MODE** button to go to the next step "Setting the clock display format".





Setting up the STEALTH evo+





When the **MODE** button is pressed, either "**12h**" or "**24h**" is selected for the clock display format. Select the display format of your choice.

* Date and clock are acquired from GPS signal; therefore, it is not necessary to enter them.

After selecting, press the **MENU** button to change to the GPS search screen.

etting the clock display format	12h ↔ 24h	Setting completed To the GPS search screen
	MODE	MENU



Setting up the STEALTH evo+



Now, setup of the STEALTH evo+ is completed.

When the bracket is not attached to your bicycle, return to Contents, click on "How to install the bracket (movie formant)", and then attach it according to the instructions.

When a GPS signal or speed signal is received or when the **MODE** button is pressed, the STEALTH evo+ switches to the measurement screen.

* If the STEALTH evo+ has not been paired with a speed sensor or speed/cadence sensor, it will switch to the measurement screen when a GPS signal is received or when the **MODE** button is pressed.



Tire circumference reference table

* Generally, ETRTO or the tire size is indicated on the side of the tire.

ETRTO Tire size	L (mm)	ETRTO	Tire size	L (mm)	ETRTO	Tire size	L (mm)	ETR	TO Tire	re size	L (mm)	ETRTO	Tire size	L (mm)
47-203 12x1.75	935	47-406	20X1.75	1515	37-559	26x1.40	2005	40-	590 650	0x38A	2125	28-622	700x28C	2136
54-203 12x1.95	940	50-406	20x1.95	1565	40-559	26x1.50	2010	40-	584 650	0x38B	2105	30-622	700x30C	2146
40-254 14x1.50	1020	28-451	20x1-1/8	1545	47-559	26x1.75	2023	25-	630 27)	′x1 (630)	2145	32-622	700x32C	2155
47-254 14x1.75	1055	37-451	20x1-3/8	1615	50-559	26x1.95	2050	28-	630 27)	′x1-1/8	2155		700C Tubular	2130
40-305 16x1.50	1185	37-501	22x1-3/8	1770	54-559	26x2.10	2068	32-	630 27)	′x1-1/4	2161	35-622	700x35C	2168
47-305 16x1.75	1195	40-501	22x1-1/2	1785	57-559	26x2.125	2070	37-	630 27)	′x1-3/8	2169	38-622	700x38C	2180
54-305 16x2.00	1245	47-507	24x1.75	1890	58-559	26x2.35	2083	40-	584 27.	.5x1.50	2079	40-622	700x40C	2200
28-349 16x1-1/8	1290	50-507	24x2.00	1925	75-559	26x3.00	2170	50-	584 27.	.5x 1.95	2090	42-622	700x42C	2224
37-349 16x1-3/8	1300	54-507	24x2.125	1965	28-590	26x1-1/8	1970	54-	584 27.	'.5x2.1	2148	44-622	700x44C	2235
32-369 17x1-1/4 (369)	1340	25-520	24x1 (520)	1753	37-590	26x1-3/8	2068	57-	584 27.	.5x2.25	2182	45-622	700x45C	2242
40-355 18x1.50	1340		24x3/4 Tubular	1785	37-584	26x1-1/2	2100	18-	622 700	0x18C	2070	47-622	700x47C	2268
47-355 18x1.75	1350	28-540	24x1-1/8	1795		650C Tubular 26x7/8	1920	19-	622 700	0x19C	2080	54-622	29x2.1	2288
32-406 20x1.25	1450	32-540	24x1-1/4	1905	20-571	650x20C	1938	20-	622 700	0x20C	2086	56-622	29x2.2	2298
35-406 20x1.35	1460	25-559	26x1 (559)	1913	23-571	650x23C	1944	23-	622 70	0x23C	2096	60-622	29x2.3	2326
40-406 20x1.50	1490	32-559	26x1.25	1950	25-571	650x25C 26x1 (571)	1952	25-	622 700	0x25C	2105			

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.

* Enter the tire circumference of the wheel to which the sensor magnet is attached (front or rear).



or





Setting the time zone



City code	City name	Time dif- ference				
LON	London	0				
PAR	Paris	+1				
ATH	Athens	+2				
MOW	Moscow	+3				
THR	Tehran	+3.5				
DXB	Dubai	+4				
KBL	Kabul	+4.5				
KHI	Karachi	+5				
DEL	Delhi	+5.5				
DAC	Dhaka	+6				
RGN	Yangon	+6.5				
BKK	Bangkok	+7				
HKG	Hong Kong	+8				
TYO	Tokyo	+9				
DRW	Darwin	+9.5				
SYD	Sydney	+10				
NOU	Noumea	+11				
WLG	Wellington	+12				
PPG	Pago Pago	-11				
HNL	Honolulu	-10				
ANC	Anchorage	-9				
LAX	Los Angeles	-8				
DEN	Denver	-7				
CHI	Chicago	-6				
NYC	New York	-5				
CCS	Caracas	-4				
RIO	Rio de Janeiro	-3				



Power ON Formatting operation Setting the speed unit Pairing Setting the tire circumference Setting the time zone Setting the daylight saving time Setting the clock display format **GPS** search screen (Setup completed)

Pairing: manual ID number entry (1/4)

Pressing the **MENU** button changes the sensor value in the middle display. Perform pairing with your sensor as described below.



- * When you perform pairing with "**SP:1**" (Speed sensor), the display of "**ISC:1**" (Speed/cadence sensor) is skipped.
- * When you perform pairing with "**ISC:1**" (Speed/cadence sensor), the display of "**CD:1**" (Cadence sensor) is skipped.
- * Select "**ISC**" to pair the CATEYE speed/cadence sensor (**ISC-11**).



Setting up the STEALTH evo+





Manual ID entry

Pairing: manual ID number entry (2/4)

Press and hold the **MODE** button, and then press the **MODE** button within 3 seconds after the value in the lower display starts changing.

The display will be changed to the ID number entry screen.





Setting up the STEALTH evo+



Pairing: manual ID number entry (3/4)

Pressing the **MODE** button increases the value flashing, and pressing and holding the **MODE** button moves to the next digit.

Enter the ID number of your sensor.

After entering, press the **MENU** button to perform paring for the next sensor.







Pairing: manual ID number entry (4/4)

When you use other sensors, perform pairing in the same procedure.



Pressing the **MENU** button with "**PW**" (Power sensor) goes to the next step. The screen of the next step differs depending on the speed sensor you have



Setting up the STEALTH evo+



Entering the tire circumference

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

Pressing the **MODE** button increases the value flashing, and pressing and holding the **MODE** button moves to the next digit.

After entering, press the **MENU** button to go to the next step "Setting the time zone".





Setting up the STEALTH evo+



Setting the time zone

Select the code for the city nearest from your current location, while viewing the "Time zone list".

When the **MODE** button is pressed, the city code display changes. After selecting the appropriate city code, press and hold the **MODE** button to go to the next step "Setting the daylight saving time".



To the next step





Setting up the STEALTH evo+



Setting the daylight saving time

Change **ON/OFF** according to the period of daylight saving time, when you are on Daylight Saving Time. After selecting, press and hold the **MODE** button to go to the next step "Setting the clock display format".





Setting up the STEALTH evo+



Setting the clock display format

When the **MODE** button is pressed, either "**12h**" or "**24h**" is selected for the clock display format. Select the display format of your choice.

* Date and clock are acquired from GPS signal; therefore, it is not necessary to enter them.

After selecting, press the **MENU** button to change to the GPS search screen.

12h ↔ 24h

MODE	

Setting completed To the GPS search screen





Setting up the STEALTH evo+



Now, setup of the STEALTH evo+ is completed.

When the bracket is not attached to your bicycle, return to Contents, click on "How to install the bracket (movie formant)", and then attach it according to the instructions.

When a GPS signal or speed signal is received or when the **MODE** button is pressed, the STEALTH evo+ switches to the measurement screen.

* If the STEALTH evo+ has not been paired with a speed sensor or speed/cadence sensor, it will switch to the measurement screen when a GPS signal is received or when the **MODE** button is pressed.



Tire circumference reference table

* Generally, ETRTO or the tire size is indicated on the side of the tire.

ETRTO	Tire size	L (mm)	ETRTO	Tire size	L (mm)	ETRT0	Tire size	L (mm)	ETRT0 Tire size	L (mm)	ETRTO	Tire size	L (mm
47-203	12x1.75	935	47-406	20X1.75	1515	37-559	26x1.40	2005	40-590 650x38A	2125	28-622	700x28C	213
54-203	12x1.95	940	50-406	20x1.95	1565	40-559	26x1.50	2010	40-584 650x38B	2105	30-622	700x30C	214
40-254	14x1.50	1020	28-451	20x1-1/8	1545	47-559	26x1.75	2023	25-630 27x1 (630)	2145	32-622	700x32C	215
47-254	14x1.75	1055	37-451	20x1-3/8	1615	50-559	26x1.95	2050	28-630 27x1-1/8	2155		700C Tubular	213
40-305	16x1.50	1185	37-501	22x1-3/8	1770	54-559	26x2.10	2068	32-630 27x1-1/4	2161	35-622	700x35C	216
47-305	16x1.75	1195	40-501	22x1-1/2	1785	57-559	26x2.125	2070	37-630 27x1-3/8	2169	38-622	700x38C	218
54-305	16x2.00	1245	47-507	24x1.75	1890	58-559	26x2.35	2083	40-584 27.5x1.50	2079	40-622	700x40C	220
28-349	16x1-1/8	1290	50-507	24x2.00	1925	75-559	26x3.00	2170	50-584 27.5x 1.95	2090	42-622	700x42C	222
37-349	16x1-3/8	1300	54-507	24x2.125	1965	28-590	26x1-1/8	1970	54-584 27.5x2.1	2148	44-622	700x44C	223
32-369	17x1-1/4 (369)	1340	25-520	24x1 (520)	1753	37-590	26x1-3/8	2068	57-584 27.5x2.25	2182	45-622	700x45C	224
40-355	18x1.50	1340		24x3/4 Tubular	1785	37-584	26x1-1/2	2100	18-622 700x18C	2070	47-622	700x47C	226
47-355	18x1.75	1350	28-540	24x1-1/8	1795		650C Tubular 26x7/8	1920	19-622 700x19C	2080	54-622	29x2.1	228
32-406	20x1.25	1450	32-540	24x1-1/4	1905	20-571	650x20C	1938	20-622 700x20C	2086	56-622	29x2.2	229
35-406	20x1.35	1460	25-559	26x1 (559)	1913	23-571	650x23C	1944	23-622 700x23C	2096	60-622	29x2.3	232
40-406	20x1.50	1490	32-559	26x1.25	1950	25-571	650x25C 26x1 (571)	1952	25-622 700x25C	2105			

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.

* Enter the tire circumference of the wheel to which the sensor magnet is attached (front or rear).



or





Setting the time zone



City code	City name	Time dif- ference
LON	London	0
PAR	Paris	+1
ATH	Athens	+2
MOW	Moscow	+3
THR	Tehran	+3.5
DXB	Dubai	+4
KBL	Kabul	+4.5
KHI	Karachi	+5
DEL	Delhi	+5.5
DAC	Dhaka	+6
RGN	Yangon	+6.5
BKK	Bangkok	+7
HKG	Hong Kong	+8
TY0	Tokyo	+9
DRW	Darwin	+9.5
SYD	Sydney	+10
NOU	Noumea	+11
WLG	Wellington	+12
PPG	Pago Pago	-11
HNL	Honolulu	-10
ANC	Anchorage	-9
LAX	Los Angeles	-8
DEN	Denver	-7
CHI	Chicago	-6
NYC	New York	-5
CCS	Caracas	-4
RIO	Rio de Janeiro	-3



How to install the bracket

How to install the bracket [FlexTight[™]]

Click on the screen to play the movie.



How to install the speed sensor

How to install the speed sensor [ISC-10/ISC-11]

Click on the screen to play the movie.



How to wear the heart rate sensor

How to wear the heart rate sensor [HR-10/HR-11]

Click on the screen to play the movie.



Perform measurement

Start measurement

- Important: The following measurements cannot be made in locations where a GPS signal cannot be received:
 - Displaying altitude and recording route information
 - Measurements without an ANT+ sensor
- Turn on the power by pressing and holding the U button. The GPS search screen is displayed. When a GPS or speed signal is received or when the MODE button is pressed, the STEALTH evo+ switches to the measurement screen.
- Check that \$\screwty\$ (GPS signal) or \$\vec{S}\$ (speed signal) is displayed on the measurement screen, and press the \$\vec{U}\$ button.
 STOP changes to \$\vec{GO}\$, and measurement starts. During measurement, measurement starts and stops automatically in sync with the movement of the bicycle.





Perform measurement

Pause measurement

If the **U** button is pressed during measurement, **STOP** is displayed on the screen and measurement is paused.

* To resume measurement press the button again.





Perform measurement

Stop measurement

 To stop measurement, reset measurement data by pressing and holding MODE. All data measured up to the current point in time is created as trip data.

- * For information about uploading trip data, return to the Contents page and watch the movie about uploading trips.
- 2 Turn off the power by pressing and holding the 🙂 button for 2 seconds.





What is CATEYE Sync™

CATEYE SyncTM is PC software that acts as an interfaces between the STEALTH evo+, your PC, and the website. It can be used to:

- download ride data recorded with the STEALTH evo+ to PC and upload it to a website, and
- configure the STEALTH evo+ from a PC.

What is CATEYE Atlas™

CATEYE AtlasTM is a website where you can view trips recorded with a STEALTH evo+ or INOU.

- The trip (measurement data) loaded using CATEYE Sync[™] can be viewed on a map and a graph.
- By storing trips, you can use CATEYE Atlas[™] as a database of your cycling life.
- You can share your trips with your friends or the public.
- * The screen and the functions for CATEYE Sync[™] and CATEYE Atlas[™] are subject to change.



CATEYE Sync[™] / CATEYE Atlas[™]

Click on the item to view.



Setup of your PC



Membership registration to CATEYE Atlas™(1/3) Start the browser to access to CATEYE Atlas™

• When you do not have an account:

Click On meet Create account •

• When you have an account:

Membership registration is not required. Go to the next step "Installing CATEYE Sync™".

* You can use the same account when using CATEYE INOU and having registered membership.



Setup of your PC





Setup of your PC



Membership registration to CATEYE Atlas™ (3/3)

4 Enter the required information, and then click on

Go to confirmation screen

- * Be sure to enter the required items.
- 5 Confirm the registration, and then click on

Create my account

Now, your membership registration is completed. After your membership registration is completed, go to the next step "Installing CATEYE Sync™".



Setup of your PC



Installing CATEYE Sync[™] (1/2)

 Click on the banner of CATEYE Sync[™] from the top page of CATEYE Atlas[™].



The download page will open.



Setup of your PC



Installing CATEYE Sync™ (2/2)

2 Click the [Download] button for Windows version or Mac version according to your PC (OS).



CATEYE Sync[™] will start being downloaded.

3 Double-click on the execution file downloaded. Install CATEYE Sync[™] according to the instruction displayed on the screen.

After CATEYE Sync[™] is installed, go to the next step "Setting CATEYE Sync[™]".



Setup of your PC

Double-click the shortcut [CATEYE Sync[™]] to start

CATEYE Sync[™].

The menu screen appears.





Setup of your PC



Setting CATEYE Sync[™](2/2)

3 Click on **[Settings]**.

The setting screen appears.

4 Click on [Account Setting] and enter your e-mail address and password. Enter correctly the registered e-mail address and password.

5 Click on [Apply].

Login setting of CATEYE Sync[™] is completed.

Now, setup of your PC is completed.

Return to the contents of CATEYE Sync[™]/Atlas[™] and see "Uploading, editing and sharing the trip" and "Changing settings of the STEALTH evo+".



Uploading the trip

Uploading the trip

CATEYE Sync™

Click on the screen to play the movie.



View and edit the trip

View and edit the trip

CATEYE Atlas™

Click on the screen to play the movie.



Changing settings of the STEALTH evo+

Changing the STEALTH series settings

Click on the screen to play the movie.