CATEYE
PADRONE DIGITAL
CC-PA400B
Quick Start

Click the button and follow the instructions.

Bluetooth®
SMART

Thank you for purchasing our cyclocomputer CATEYE PADRONE DIGITAL.

This Quick Start Manual explains how to set up the PADRONE DIGITAL 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.

If you have purchased the double wireless kit
The model you have purchased does not come with the heart rate sensor and HR strap. You can use all the functions written in this quick start manual, such as measurements related to your heart rate, by using an optional heart rate sensor kit.

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.

CATEYE PADRONE DIGITAL
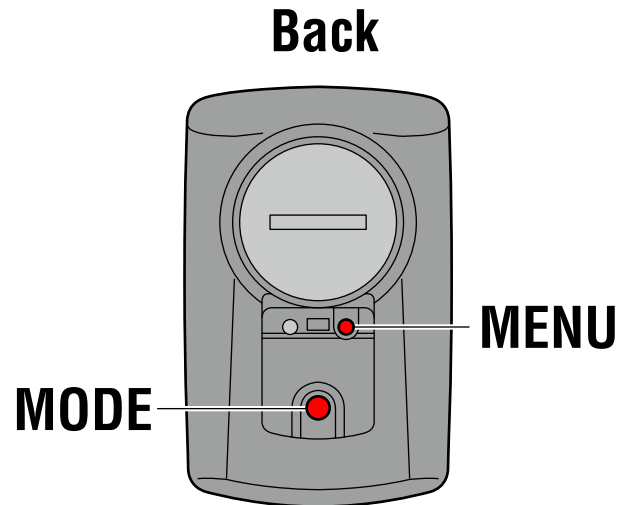# Quick Start Manual

Click the item you wish to view.

Operation of buttons

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

Back

MENU

MODE

Press the **MENU** button and the **MODE** button
on the back of the PADRONE DIGITAL.

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
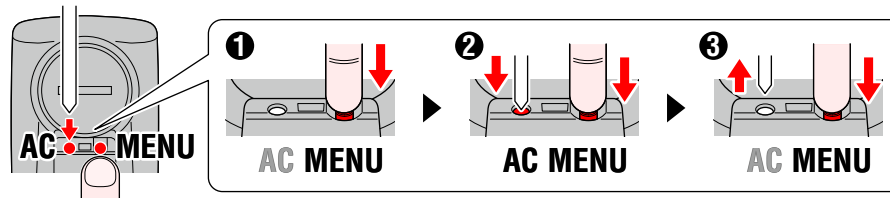(Press and hold)

Smartphone search
screen

Formatting operation

While holding down the **MENU** button on the back of the PADRONE DIGITAL, press and release the **AC** button.
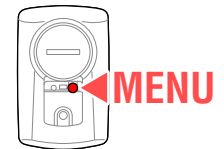
The whole display turns on, and then the smartphone search screen is displayed. Press the **MENU** button to start setup of the PADRONE DIGITAL.

*If the smartphone search screen is not displayed, the unit could not be formatted. Try to perform the operation again.

Formatting operation

To the next step

❶ ❷ ❸

AC MENU

AC MENU   AC MENU   AC MENU

MENU

CATEYE PADRONE DIGITAL
Quick Start Manual

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Setting the speed unit

Setting the speed unit

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

Press the **MENU** button to confirm and proceed to the next step "Pairing with a sensor".

Formatting operation

Setting the speed unit

Pairing with a sensor (1/3)

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Pairing standby
screen

Pairing with a sensor (1/3)

To use this device, you have to pair it with a sensor that supports the Bluetooth® SMART standard.

The unit switches to the pairing standby screen and **Pr** flashes on the screen.

Activate the sensor.

CATEYE sensors	Activating the sensor
Speed/Cadence sensor (ISC-12)	Move the magnet through the sensor zone several times. (Within 3 mm)
Heart rate sensor (HR-12)	Rub both electrode pads with your thumbs.

* With the speed/cadence sensor and heart rate sensor, you can also activate the sensor by pressing the **RESET** button.

Formatting operation

Setting the speed unit

Pairing with a sensor (2/3)

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Pairing complete

Pairing with a sensor (2/3)

Once pairing is complete, the name of the paired sensor is shown in the upper display.

Display	CATEYE sensors
ISC	Speed/Cadence sensor (ISC-12)
Hr	Heart rate sensor (HR-12)

*When pairing a sensor with the PADRONE DIGITAL, a "**C**" is displayed after the sensor name.

Formatting operation

Setting the speed unit

Pairing with a sensor (3/3)

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Pairing complete

Pairing with a sensor (3/3)

If you have multiple sensors, press and hold the **MODE** button to go back to the Pairing standby screen.
Repeat the same procedure to pair different sensors with the PADRONE DIGITAL.

Once you are finished pairing sensors with the unit, press the **MENU** button to proceed to the next step "Entering the tire circumference".
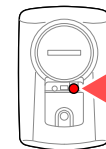
Re-verify
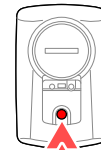
MODE
(Press and hold)

To the next step

◀**MENU**

- Formatting operation
- Setting the speed unit
- Pairing with a sensor
- Entering the tire circumference
- Setting the clock display
- Setting A.M./P.M.
- Setting the hour
- Setting the minute
- Measurement screen (Press and hold)
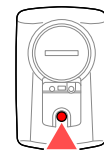
Entering the tire circumference

Entering the tire circumference

Refer to the tire circumference reference table and enter the 4 digits for the tire circumference of the tire on which the sensor is installed. (0100 to 3999 mm)

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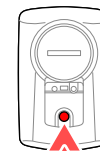- Press and hold the **MODE** button : Move digit

Press the **MENU** button to confirm and proceed to the next step "Setting the clock display".
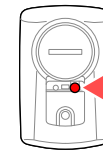
Increase the value **MODE**

Move digit **MODE** (Press and hold)

To the next step **MENU**

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

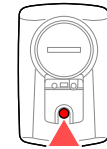Setting the minute

Measurement screen
(Press and hold)

Clock display

Setting the clock display

When the **MODE** button is pressed, either "**12h**" or "**24h**" is selected for the clock display. Select the display of your choice.
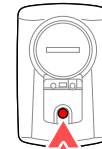
Press and hold the **MODE** button to confirm and proceed to the next step "Setting the hour".

24h ↔ 12h

MODE

To the next step

MODE
(Press and hold)

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

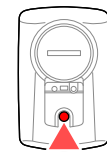Setting the minute

Measurement screen
(Press and hold)

A.M./P.M. display

Setting A.M./P.M.

You can switch between "**A** (a.m.) and **P** (p.m.)" every time you press the **MODE** button.
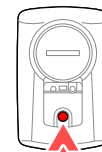
Press and hold the **MODE** button to confirm and proceed to the next step "Setting the hour".

A (a.m.) ↔ **P** (p.m.)

MODE

To the next step

MODE
(Press and hold)

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Hour

Setting the hour

Pressing the **MODE** button increases the value flashing ("Hour" of the clock). Enter any value.

Press and hold the **MODE** button to confirm and proceed to the next step "Setting the minute".

Increase the value

MODE

To the next step

MODE
(Press and hold)

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

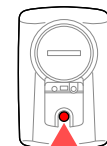Measurement screen
(Press and hold)

Minute

Setting the minute

Pressing the **MODE** button increases the value flashing ("Minute" of the clock). Enter any value.

Press the **MENU** button to confirm and switch to the measurement screen.

Increase the value

MODE

Setup complete
To the measurement screen

◀**MENU**

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

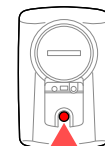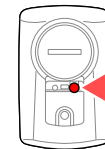Setting the minute

Measurement screen
(Press and hold)

Measurement
screen

Now, setup of the PADRONE DIGITAL is completed.

If the bracket and speed sensor are not installed on your bicycle, go back to Contents and click the movies of how to install the bracket and speed sensor.

CATEYE PADRONE DIGITAL
Quick Start Manual

Setup with the PADRONE DIGITAL

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

Setting the minute

Measurement screen
(Press and hold)

Hour

Setting the hour

Pressing the **MODE** button increases the value flashing ("Hour" of the clock). Enter any value.

Press and hold the **MODE** button to proceed to confirm and the next step "Setting the minute".

Increase the value

MODE

To the next step

MODE
(Press and hold)

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

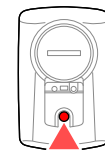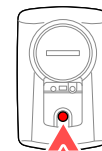Setting the minute

Measurement screen
(Press and hold)

Minute

Setting the minute

Pressing the **MODE** button increases the value flashing ("Minute" of the clock). Enter any value.

After entering, press the **MENU** button to confirm and switch to the measurement screen.

Increase the value

MODE

Setup complete
To the measurement screen

◀**MENU**

Formatting operation

Setting the speed unit

Pairing with a sensor

Entering the tire circumference

Setting the clock display

Setting A.M./P.M.

Setting the hour

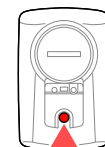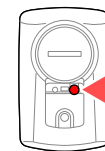Setting the minute

Measurement screen
(Press and hold)

Measurement
screen

Now, setup of the PADRONE DIGITAL is completed.

If the bracket and speed sensor are not installed on your bicycle, go back to Contents and click the movies of how to install the bracket and speed sensor.

Tire circumference reference table

* Generally, the tire size or ETRTO is indicated on the side of the tire.
* Enter values for the rear wheel for the included speed/cadence sensor.

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
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
23-622	**700x23C**	**2096**

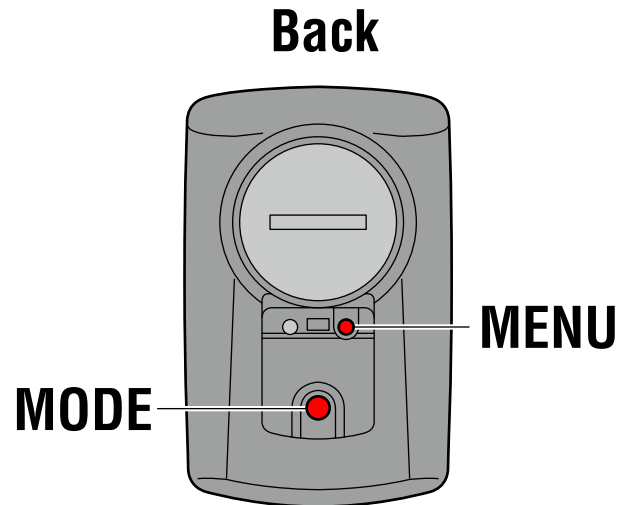| ETRTO	Tire size	L (mm)
25-622	700x25C	2105
28-622	700x28C	2136
30-622	700x30C	2146
32-622	700x32C	2155
	700C Tubular	2130
35-622	700x35C	2168
38-622	700x38C	2180
40-622	700x40C	2200
42-622	700x42C	2224
44-622	700x44C	2235
45-622	700x45C	2242
47-622	700x47C	2268
54-622	29x2.1	2288
56-622	29x2.2	2298
60-622	29x2.3	2326

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.
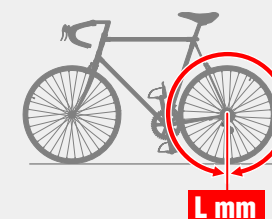
L mm

Operation of buttons

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

Back

MENU

MODE

Press the **MENU** button and the **MODE** button
on the back of the PADRONE DIGITAL.
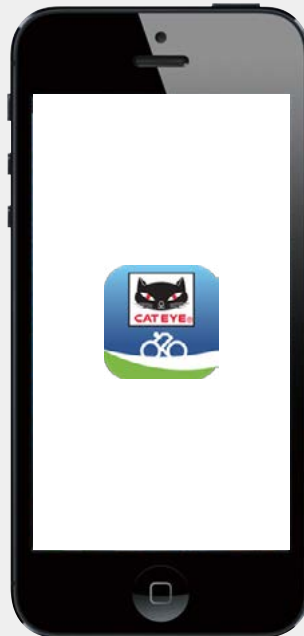
Installing Cateye Cycling™ (1/2)
Pairing of PADRONE DIGITAL
Pairing with a sensor
Entering the tire circumference
Other, Changing settings
Setup completed

Installing Cateye Cycling™ (1/2)

For setup with smartphone, install the "Cateye Cycling™" smartphone app (free of charge).

*See Cateye Cycling Recommended Devices for the latest information about smartphones recommended for use with Cateye Cycling™.

For iPhone

Available on the App Store

For Android phone

ANDROID APP ON Google play

* The screen and the functions for Cateye Cycling™ are subject to change.

Installing Cateye Cycling™ (2/2)

Pairing of PADRONE DIGITAL

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Installing Cateye Cycling™ (2/2)

Launch Cateye Cycling™.

Follow the on-screen instructions and allow the use of GPS and Bluetooth® devices.

*At the moment you turn on the smartphone Bluetooth, the smartphone OS will search for devices, but do not configure settings there. Go back to Cateye Cycling™ and follow the procedure below.

Proceed to the next step "Pairing of PADRONE DIGITAL".

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL (1/3)

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Smartphone search screen

Pairing of PADRONE DIGITAL (1/3)

While holding down the **MENU** button on the back of the PADRONE DIGITAL, press and release the **AC** button. (Formatting operation)

The whole display turns on, and then the smartphone search screen is displayed.

*If the smartphone search screen is not displayed, the unit could not be formatted. Try to perform the operation again.

Formatting operation

❶ AC MENU ▶ ❷ AC MENU ▶ ❸ AC MENU

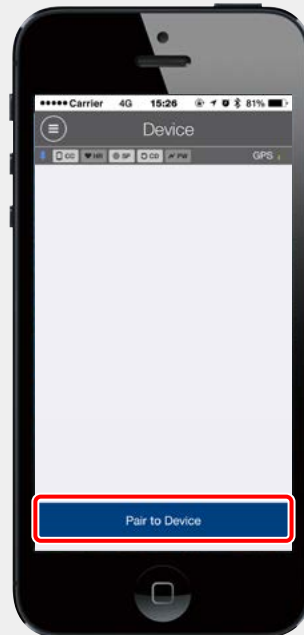AC ⋯ MENU
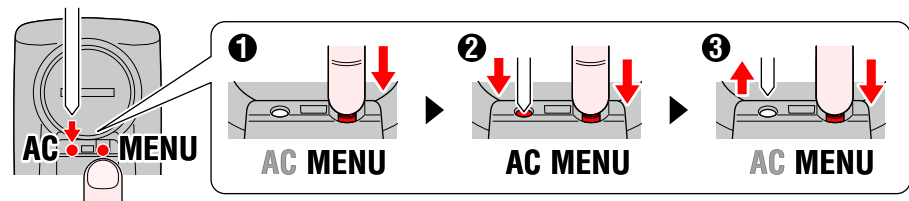
Installing Cateye Cycling™

Pairing of PADRONE DIGITAL (2/3)

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Pairing of PADRONE DIGITAL (2/3)

From ≡ (Menu) at the top left of the Cateye Cycling™ screen, turn on [Connect] and tap [Device].

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL (3/3)

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Pairing of PADRONE DIGITAL (3/3)

Tap [Pair to Device].

When Cateye Cycling™ detects PADRONE DIGITAL, a message is displayed on the smartphone.

New device detected. Device: PADRONE DIGITAL

Pairing   Skip

When [Pairing] is tapped, [PADRONE DIGITAL] is displayed under [Device] and pairing is completed.

* The clock of the PADRONE DIGITAL is synchronized with your smartphone when you connect these devices. There is no need to set the clock with the PADRONE DIGITAL.

Proceed to the next step "Pairing with a sensor".

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL

Pairing with a sensor (1/2)

Entering the tire circumference

Other, Changing settings

Setup completed

Pairing with a sensor (1/2)

To use this device, you have to pair it with a sensor that supports the Bluetooth® SMART standard.

CAUTION:

Pairing with a commercial sensor on iPhone:

A commercial sensor can not be paired on iPhone. If using a commercial sensor, see the instruction manual on our website**.**

From [Device], tap [Pair to Device] and send a sensor signal.

CATEYE sensors	Activating the sensor
Speed/Cadence sensor (ISC-12)	Move the magnet through the sensor zone several times. (Within 3 mm)
Heart rate sensor (HR-12)	Rub both electrode pads with your thumbs.

* With the speed/cadence sensor and heart rate sensor, you can also activate the sensor by pressing the **RESET** button.

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL

Pairing with a sensor (2/2)
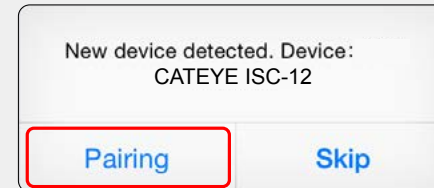
Entering the tire circumference

Other, Changing settings

Setup completed

Pairing with a sensor (2/2)

When Cateye Cycling™ detects the sensor signal, a message is displayed on the smartphone.

New device detected. Device: CATEYE ISC-12

Pairing   Skip

Tap [Pairing]. The paired sensor is displayed under [Device] and pairing is completed.

* When pairing a sensor with Cateye Cycling™, an "**A**" is displayed after the sensor name.

Repeat the previous procedure to pair different sensors with Cateye Cycling™.

After sensor pairing is complete, proceed to the next step "Entering the tire circumference".

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Entering the tire circumference

Tap [ISC sensor] displayed under [Device], and then tap [Tire Circumference] (the outer circumference of the tire) to select the tire circumference according to the tire size written on the side of the tire.

＊Default value: 2096 mm (700x23c)

＊The tire circumference must be set for each sensor that can measure speed.

Select the tire circumference and proceed to the next step "Other, Changing settings".

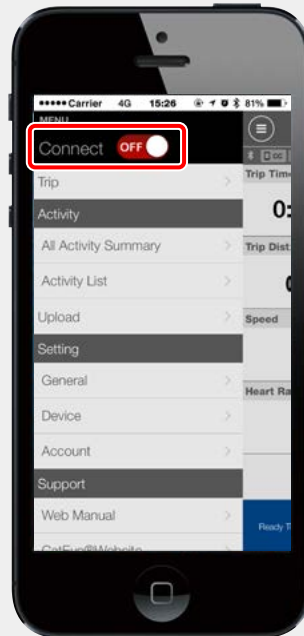# CATEYE PADRONE DIGITAL
Quick Start Manual

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

Other, Changing settings

Cateye Cycling™ can configure the following settings when necessary.

*Each setting can also be changed after setup has been completed.

Purpose	Display
Changing the measurement unit (**km/h** or **mph**)	☰ (Menu) > [General]
Changing the layout of the measurement screen	☰ (Menu) > [Device] > [PADRONE DIGITAL]
Input the initial settings for total distance	
Adding a new sensor	☰ (Menu) > [Device] > [Pair to Device]
Changing values for sensor tire circumference	☰ (Menu) > [Device] > [Speed sensor name]
Setting up of service sites or social networking services (SNSs) for uploading measurement results (Activity) imported from the PADRONE DIGITAL	☰ (Menu) > [Account]

CATEYE PADRONE DIGITAL
Quick Start Manual

Installing Cateye Cycling™

Pairing of PADRONE DIGITAL

Pairing with a sensor

Entering the tire circumference

Other, Changing settings

Setup completed

From ☰ (Menu) at the top left of the Cateye Cycling™ screen, set [Connect] to OFF.

Setup of the PADRONE DIGITAL will be completed and the display will switch to a measurement screen to which the setup details have been applied.

If the bracket and speed sensor are not installed on your bicycle, go back to Contents and click the movies of how to install the bracket and speed.

CATEYE PADRONE DIGITAL
Quick Start Manual

How to install the bracket

Click the screen to play.

*If the video does not play, please click here. (YouTube movie)

CATEYE PADRONE DIGITAL
Quick Start Manual

How to install the speed sensor
[ISC-12]

Click the screen to play.

*If the video does not play, please click here. (YouTube movie)

How to wear the heart rate sensor
[HR-12]

Click on the screen to play the movie.

*If the video does not play, please click here. (YouTube movie)

CATEYE PADRONE DIGITAL
Quick Start Manual

Back to Contents

Importing measurement results to a smartphone

Reset operation
(saving of summary data)

Connecting with a smartphone

Importing summary data
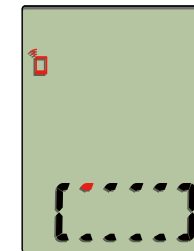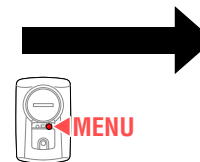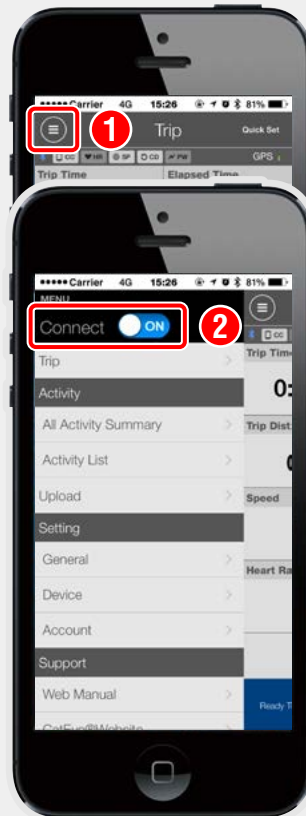
Completing import

Checking/uploading of measurement data

Measurement screen

Reset operation (saving of summary data)

After measurement, display data other than **Dst2** on the measurement screen and press the **MODE** button for 2 second. (Reset operation)

Excluding the total distance (**Odo**) and trip distance-2 (**Dst2**) values, all measurement data will be reset to 0. At this time, the measurement results are saved as summary data to the internal memory of the PADRONE DIGITAL.

Reset operation

Dot
(MODE)
(2 seconds)

Reset operation
(saving of summary data)

Connecting with a smartphone
(1/2)

Importing summary data
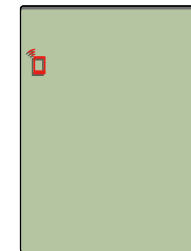
Completing import

Checking/uploading of measurement data

Smartphone search
screen

Connecting with a smartphone (1/2)

On the measurement screen, press **MENU** button to display the smartphone search screen.

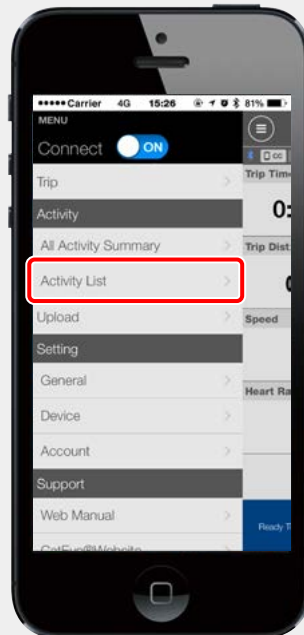Measure-
ment screen

MENU

Smartphone
search screen

Reset operation (saving of summary data)

Connecting with a smartphone (2/2)

Importing summary data

Completing import

Checking/uploading of measurement data

Connecting with a smartphone (2/2)

Launch Cateye Cycling™, and then set [Connect] to ON from (Menu).

When the PADRONE DIGITAL connects to a smartphone, it switches to the smartphone connection screen.
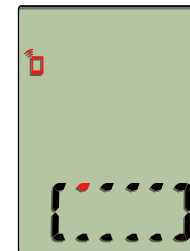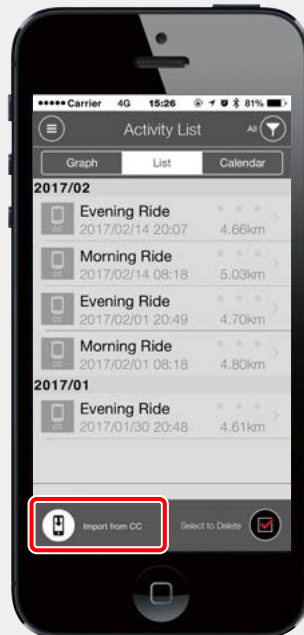
Smartphone search screen

Smartphone connection screen

Reset operation
(saving of summary data)

Connecting with a smartphone

Importing summary data (1/2)

Completing import

Checking/uploading of measurement data

Importing summary data (1/2)
Tap [Activity List] in ⊜ (Menu) again.

Reset operation
(saving of summary data)

Connecting with a smartphone

Importing summary data (2/2)

Completing import

Checking/uploading of measurement data

Importing summary data (2/2)

Tapping the 📱 (import from CC) button imports summary data to your smartphone and updates the Activity List.

*This operation deletes the summary data from the PADRONE DIGITAL.

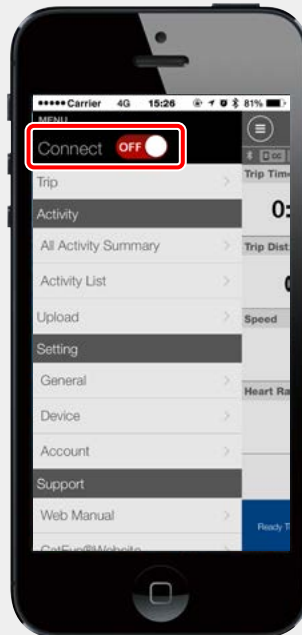*If summary data is not saved on the PADRONE DIGITAL, the 📱 button is not displayed.

Reset operation
(saving of summary data)

Connecting with a smartphone

Importing summary data

Completing import

Checking/uploading of measurement data

Completing import

After importing, set [Connect] to OFF from ⊜ (Menu) at the top left of the Cateye Cycling™ screen.

The PADRONE DIGITAL disconnects from the smartphone and switches to the measurement screen.

Then check the measurement results imported from the Activity List.

Reset operation
(saving of summary data)

Connecting with a smartphone

Importing summary data

Completing import

Checking/uploading of mea-
surement data

Checking/uploading of measurement data

By tapping on the measurement results imported from the Activity List, the details of the measurement data can be checked and uploaded to service sites such as CATEYE Atlas™.

*To upload data, you must have a registered account with the relevant service site and settings for (≡) (Menu) > [Account] must be completed.

*It is not necessary to connect the PADRONE DIGITAL to a smartphone to check/upload activities.