

BICYCLE COMPUTER



Wireless Bike Computer

User Manual

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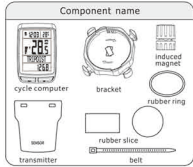
Bicycle Computer Instruction Manual



Please read this manual guide carefully before usage, and safe keep it during the validity of the product for viewing at any time.

Bicycle microcomputer uses the low frequency wireless transmission technology, with convenient operation, easy to install, and to enhance the performance of wireless electromagnetic waves, make more accurate, the measured data of super screen LCD dot matrix display, make you easy access to in the process of riding data, it also has an accurate records, automatic storage and update you within a week of riding data.

1.Component name



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2.Function Introduction

- ◆Display Five languages
- ◆Clock
- ◆Stop Watch
- ◆Temperature
- ◆Metric/imperial alternative
- ◆Scan/Automatic Circulation
- ◆Wheel setting
- ◆Analogy Speed indicator
- ◆AUTO ON/OFF
- ◆Trip up/down
- ◆Calorie consumption (KCAL)
- ◆LED backlight
- ◆Current speed
- ◆AVG speed/MAX speed
- ◆Speed comparison prompts
- ◆Riding Time/Distance
- ◆Total distance/time
- ◆Weekly riding time/distance
- ◆Automatic memory and updated every weekly

3.Installation instructions

General view



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How to mount battery of computer?

Inserting one-dollar coin into the gap of the battery cover, then counterclockwise rotate to open battery cover, mount battery and cover it up.



How to install bracket?

Add rubber slices on the handle bar to fix the bracket on the bicycle handle bar with ribbon cord.



How to install magnet?

Disassemble the nut at the bottom of the magnet, fasten the magnet with screw to the spokes of the wheel, tighten the nut.



How to install bicycle computer gauge outfit?

Inserting the gauge outfit into the end along the bracket slot, just press shrapnel to slip off.



How to install transmitter?

Add rubber slices on bicycle tube, and fix the transmitter with ribbon cord to the required position. One side of transmitter marked with SENSOR should face forward magnet.



How to install magnet?

Disassemble the nut at the bottom of the magnet, fasten the magnet with screw to the spokes of the wheel, tighten the nut.



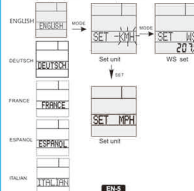
Note:

- 1.The max.distance between bicycle computer gauge outfit and transmitter is 80cm. Try to adjust the location of transmitter within this scope.
- 2.The min. distance between transmitter and magnet should be less than 5mm, try to adjust the location of magnet within this scope.
- 3.The transmitter and gauge outfit should be placed vertically, the angle should not be over 30°.

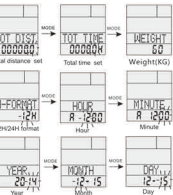
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4.Operation Instruction

- A. System initialization parameter setting:**
The all information will clean to zero when you replace the battery again.
1. Please set the parameter first time Otherwise will be let the riding data not correct.
2. How to get into the System initialization parameter is set? Two methods:
a: When you replace the battery again, will setting speed unit, wheel circumference, total riding time, total riding distance, date, height, weight, age, etc.
b: In the CLOCK (CLOCK) MODE, press and hold (MODE) for 2 seconds to enter the system parameter setting, as shown in the figure below:



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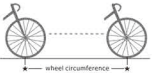


NOTE: It will influence the riding data accuracy if the Wheel Circumference data not correct.
Two method for measure the wheel Circumference:
1. Record the wheel size. See the table below to find the perimeter set value.
2. Make a mark point on wheel, push the bike, when mark roll a circle, a distance which is through the wheel circumference (MM).

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Wheel diameter	Set value (mm)
18 Inch	1436
20 Inch	1596
22 Inch	1759
24x1.75	1888
24 Inch	1916
24 x1 3/8 Inch	1942
26x1.40	1995
26x1.50	2030
26x1.75	2045
26x1.95	2099
26x2.1	2133
700C TUBULAR	2117
700x20C	2092
700x23C	2112
700x25C	2124
700x28C	2136
700x32C	2155
700x35C	2164
700x38C	2174
27.5 Inch	2193
28 Inch (700B)	2234
28.6 Inch	2281

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B. How to use the EL backlight?
In any MODE and hold [SET] + [MODE], shows the LIGHT ON or LIGHT OFF, when in LIGHT ON MODE, press any key the backlight on 3 seconds, when the LIGHT OFF MODE, closing the backlight.

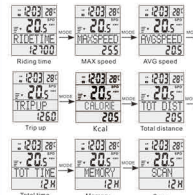


C. Function display

As shown in the figure below, press [MODE] key to switch different display modes. As shown in figure 2.



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D. Function Instruction

CLOCK
Display the current time, 12H or 24 H.

STOPWATCH
Press [SET] start stopwatch, then [SET] key stopwatch once stopp, press [SET] key for 2 seconds, stopwatch numerical reset.

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Clean up after the mileage records from the last data.

RIDE TIME
Clean up after the riding time records from the last data.

AVG SPEED
Average cycling speed by mileage divided by riding time and, by starting the last clear information.

TRIP UP/DOWN
Press MODE button switch to the TRIP UP, hold down SET button for 3 seconds to enter value setting, press SET button to select TRIP UP or TRIP DOWN, press MODE button to change the digit location, press SET button for 3 seconds to exit the setting mode.

Color consumption
Measured in KCAL

MAX SPEED
Record after removing data from the last top cycling speed

TOT DIST
Record riding state total mileage, the system can be reset, the total mileage with the battery again will be reset, needs to be set.

TOT TIME
Records the total cycling time riding condition, the system can be reset, and the total cycling with the battery again time will be reset and needs to be set.

SCAN
Press [MODE] key to switch to the SCAN MODE, this MODE will automatically every 4 seconds in the ride DIST, RIDE TIME, AVG SPEED, MAX SPEED of these four display MODE switching cycle

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SPEED PACE
Speed is more prompt function to up triangle. Said the current cycling speed is higher than the average speed, the downward triangle According to the current speed is lower than the average speed of riding.

MEMORY
1. In record storage (MEMORY) mode, press [SET] will see one day riding data, it automatically scans show date, distance, riding time, maximum speed, average speed, etc.
2. If you want to see yesterday riding on data, can press the SET button to enter to view, like this, you can find the cycling data for seven days.
3. Record store function can not clear and set up the data.
4. Every day in the evening 12:00 cycling data stored on yesterday.

E. Data to clear:
In speeding distance (ride DIST), riding TIME (RIDE TIME), the maximum speed (MAX SPEED), avg speed (AVG SPEED), the pattern of heart rate (HR- TIME), hold the [SET] key for 3 seconds, until the show "RESET" character data RESET after flashing 3 times, the current mode of cycling data has been RESET. Information clear will not affect the total mileage (TOT - DIST), total cycling TIME (TOT - TIME), and the data in the MEMORY.



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F. Automatic shutdown/boot function:
No received speed signal from the bicycle computer in 4 minutes.
It will automatically enter a dormant state. Speed numerical did not show at this time.
1. In a dormant state, press any key [MODE] or [SET] key, it will be automatically switched on.

G. Automatic energy saving
In order to save battery power, when the bike spec 4 minutes speed signal is not received, it will automatically enter the dormancy standby, at this time to press any buttons or ride it will automatically boot.

Replace the battery
1. All of the recorded data will be reset. After replace the battery.
2. The total mileage (TOT - DIST) and riding TIME (TOT - TIME) can be reset, before replace the battery, please record the data.
3. Need to use CR2032 battery, battery positive electrode (+) toward the battery cover.

9. Note
1. The bicycle computer can be used on rainy days, but not used underwater.
2. Don't put bicycle computer in bike and don't let the sun exposure when you don't ride it.
3. Check regularly the distance between sensor and magnets.

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4. Don't use alcohol, thinner or other organic solvent to clean bicycle computer and its accessories.
5. Remind you to pay attention on road condition to ensure safety traffic.

9. Trouble shooting

Problems	Reasons	Solution
Menu display blacken	Under non-riding status, the bicycle computer was burnt in the sun for long time.	Put it on a shady and cool places.
Display slowly update	Climate temperature is low	Place it in normal temperature
No display	1. Low level battery 2. Fixed battery backward	1. Replace battery 2. Correct installation
No speed display or faulty display	1. Computer is under set up status 2. Distance between speed sensor and magnet seat correct or not 3. Check wheel circumference is correct or not 4. If transmitting distance is too long or angle is incorrect 5. Transmitter is no power 6. Maybe high voltage wave nearby	1. Set up adjust procedure 2. Refer to installation to adjust position. 3. Setting adjustment numerical value referring to wheel circumference 4. Adjust distance and angle per installation manual 5. Replace battery 6. Far away such environment
Malfunction display		Set up again referring to the setup manual

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Speed sensor: non-contact type magnetic sensors
Battery Type: One pieces of 3V battery
Battery life: (Model No. CR2032) is approximately 1.5 years (based on two hours of daily riding)
Size and weight: 47x63mm/40g
The wheel circumference input Unit: mm
Operating Temperature: -20°C ~ 70 °C

1. FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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