

# Bicycle Computer Instruction Manual

With a vibration sensor inside, there would be a sound when shaking it up.

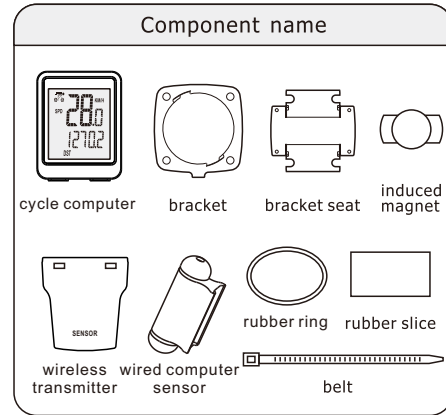


MODE SET

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

Bicycle computer adopts the technique of low-frequency wireless transmission which make it easy to install and operate, and enhance anti-interference performance of radio electromagnetic wave, making the measurement data more accurate.

## 1 Component name



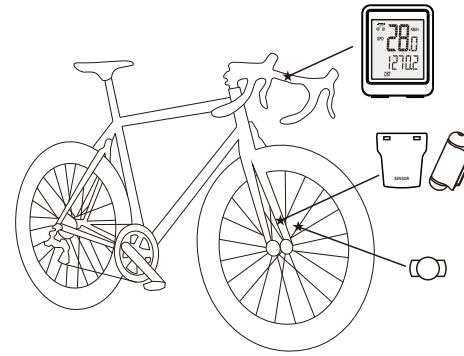
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## 2 Function introduction

- ◆ Clock
- ◆ EL backlight
- ◆ Scan
- ◆ Average speed
- ◆ Riding time
- ◆ Total distance/total ODO
- ◆ Stop Watch
- ◆ Metric/imperial alternative
- ◆ Riding speed
- ◆ Max speed
- ◆ Riding distance
- ◆ AUTO ON/OFF

## 3 Installation instructions

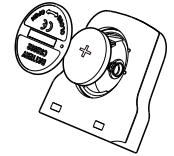
General view



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## How to mount battery of computer?

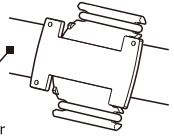
Inserting one-dollar coin into the gap of the battery cover, then counterclockwise rotate to open battery cover, mount battery and cover it up.



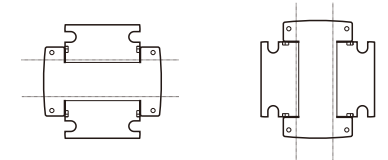
## How to install bracket ?

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

Cycle handle bar



**Note:** Bracket can be split into two parts, and divided into two kinds of combination way, to adapt to handle bars of different direction.



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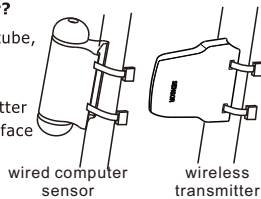
## How to install bicycle computer gauge outfit?

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



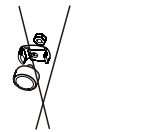
## How to install transmitter?

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:

- The max. distance between bicycle computer gauge outfit and transmitter is 80cm. Try to adjust the location of transmitter within this scope.
- The min. distance between transmitter and magnet should be less than 5mm, try to adjust the location of magnet within this scope.
- 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:

System will be reset while replacing battery on the bicycle computer (all record data cleared).

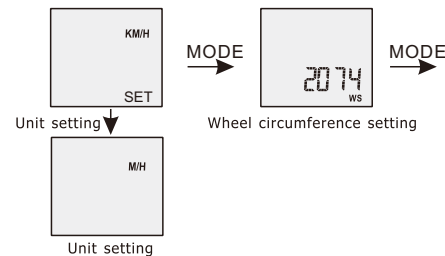
1. Please reset system before using first time, or it could cause incorrect riding numerical value.

2. How to enter the system settings? There are two ways.

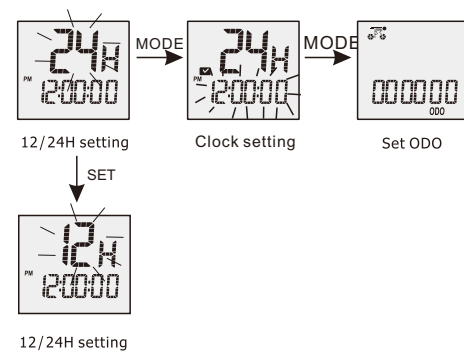
a. It will enter setup mode when replacing the battery, then you may set speed unit, wheel parameter, time, ODO etc.

b. In Clock mode, press [MODE] key for 2 seconds to enter time setting mode. Operation is as below:

When setting, press [SET] key to adjust the numerical value, press [MODE] key to set next parameter.



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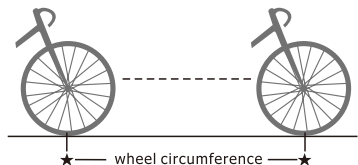
## Note:

- Please measure wheel circumference before setting circumference. There are two measuring methods.
- Record marked size on wheel, refer to following table to find the perimeter.
  - Make a mark point on wheel, cycle the bicycle, when the marker point rolls one circle, the distance cycled is the wheel circumference (Unit: MM).
  - The circumference data should be accurate, because it affects the accuracy of riding data.

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Wheel diameter	Set value(mm)
18 Inch	1436
20 Inch	1596
22 Inch	1759
24X1.75	1888
24 Inch	1916
24X1 3/8 Inch	1942
26X1.0	1973
26X1.50	2026
26X1.6	2051
26X2	2114
700X20C	2114
700X23C	2133
700X25C	2146
700X28C	2149
700X32C	2174
700X40C	2224

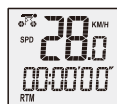
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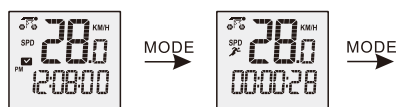
## B Function display

### SPD:

The mark will twinkle while riding, it shows bicycle computer have received speed signal and will display current riding speed.



### Operation mode



CLOCK

stopwatch

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### Automatic energy-saving:

In order to save power, it will enter standby mode. When computer does not receiving velocity signals and it only shows CLK. It will be automatic power on just press any button.

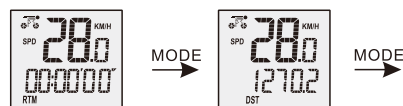
### Replace battery

1. Please replace battery as early as possible when appearing .
2. All the data in computer are removed after replacing the battery.
3. ODO can be reset, recording ODO numerical value before replacing battery.
4. Please use CR2032 battery, battery anode(+) side is toward battery cover.

### 5 Note

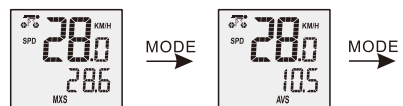
1. The bicycle computer can be used on rainy days, but not used underwater.
2. Don't put bicycle computer in bike and don't let the sun exposure when you don't ride it.
3. Check regularly the distance between sensor and magnets.
4. Don't use alcohol, thinner or other organic solvent to clean bicycle computer and its accessories.
5. Remind you to pay attention on road condition to ensure safety traffic.

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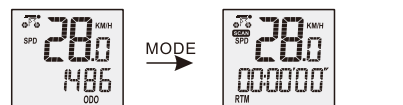
Riding time

Riding distance



Max. speed

Average speed



ODO

Scan

### Clock display. 12-hour or 24-hour system

Display current time at 12-hour or 24-hour system.

### Stopwatch

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

### Riding distance (DST):

Record the riding distance after last data cleared (i.e.

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excluding last data)

### Riding time (RTM):

Record the riding time excluding last data cleared.

### Average riding speed (AVG):

Average riding speed is equal to riding mileage divided by the riding time, to start calculation after last clear information.

### Maximum riding speed (MXS):

It records the maximum riding speed after last Clear Data.

### Total riding distance (ODO):

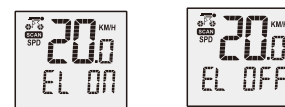
Record total riding mileage, the system can be re-set, total riding mileage will be cleared after replacing battery.

### 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.

### B How to use the EL backlight

In any mode and hold [SET] + [MODE], shows EL ON or EL OFF, when in EL ON mode press any key the backlight on 3 seconds, when the EL OFF mode, closing the backlight.



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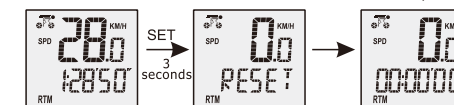
## C Keys and Operation

[MODE] function key: Change to next function mode by pressing this key.

[SET] function key: To add setting value by pressing this key.

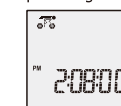
### Clear data.

Pressing [SET] button for 3 seconds in the mode of DST/RTM/AVG/MAX, till LCD displays RESET letters and glitters two times, then the data shows zero, the riding data of current mode will be zero if untouched the keys.



### Auto stop/press any key to switch on

1. The computer will enter rest state after 4 minutes if not receiving speed signal, "SPD" and speed numerical value are not shown.
2. During rest state, it will be automatic startup if there is signal.
3. When mark twinkles, it shows it's in riding status and has received speed signal.



Sleeping

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## 6 Troubleshooting

Problems	Reasons	Solution
Menu display blacken	Under non-riding status, the bicycle computer was burnt in the sun for long time.	Put it on 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 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: 33 x 51 x 13.5 mm / 22.4 g

The wheel circumference input Unit: mm

Operating speed: 0°C ~ 50°C Celsius

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