# User Manual for Cycle Computer
Wireless (19 functions) stopwatch
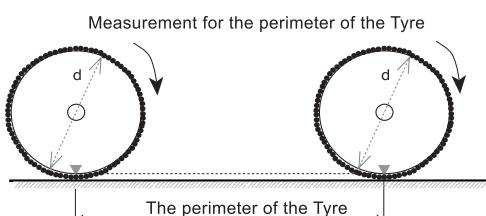
♦Display of immediate riding speed
♦Mileage of a single trip
♦Riding time
♦Average speed
♦Maximum speed
♦Total mileage
♦Calorie
♦Display of temperature
♦Display of clock
♦Prompt for the comparison of speed + or –
♦Display of sleep clock

♦Speed unit kilometers and huali (1/2 kilometer)
♦Temperature unit Celsius degree and Fahrenheit degree switch
♦Prompt for the maintenance
♦Setting for the perimeter of Tyre
♦Automatic wake-up during the riding
♦Data storage for the change of battery (20 seconds)
♦Back-lighting function
♦Enter the power saving mode after the idleness of riding for 300 seconds

The setting for the perimeter of Tyre and the comparison table of Tyre specification

Note: generally there is no need to set perimeter for the riding of adults, the default value of the system is 2124mm.

The perimeter of wheel: that is the distance of one cycle finished by the wheel towards the straight line, unit mm. Measuring method:
1. Mark at the position of starting point for the wheel (the vertical point of the wheel that touches the ground), then push the vehicle towards the straight line until the mark reaches the other end of the straight line – the terminal. Then use the ruler to measure the length of the straight line and that is the perimeter of the Tyre.
2. Directly measure the diameter of the Tyre, use the calculation formula: diameter of the Tyre x 3.1416.
3. Input by the following table for the regular Tyre.

Measurement for the perimeter of the Tyre

The perimeter of the Tyre

Tyre specification	perimeter (mm)	Tyre specification	perimeter (mm)	Tyre specification	perimeter (mm)
12 x 1.75	935	26 x 1(59)	1913	650 x 20C	1938
14 x 1.50	1020	26 x 1(65)	1952	650 x 23C	1944
14 x 1.75	1055	26 x 1.25	1953	650 x 35A	2090
16 x 1.50	1185	26 x 1-1/8	1970	650 x 38A	2125
16 x 1.75	1195	26 x 1-3/8	2068	650 x 38B	2105
18 x 1.50	1340	26 x 1-1/2	2100	700 x 18C	2070
18 x 1.75	1350	26 x 1.40	2005	700 x 19C	2080
20 x 1.75	1515	26 x 1.50	2010	700 x 20C	2086
20 x 1-3/8	1615	26 x 1.75	2023	700 x 23C	2096
22 x 1-3/8	1770	26 x 1.95	2050	700 x 25C	2105
22 x 1-1/2	1785	26 x 2.00	2055	700 x 28C	2136
24 x 1	1753	26 x 2.10	2068	700 x 30C	2146
24 x 3/4 Tubular	1785	26 x 2.125	2070	700 x 32C	2155
24 x 1-1/8	1795	26 x 2.35	2083	700C Tubular	2130
24 x 1-1/4	1905	26 x 3.00	2170	700 x 35C	2168
24 x 1.75	1890	27 x 1	2145	700 x 38C	2180
24 x 2.00	1925	27 x 1-1/8	2155	700 x 40C	2200
24 x 2.125	1965	27 x 1-1/4	2161	29 x 2.1	2288
26 x 7/8	1920	27 x 1-3/8	2169	29 x 2.3	2326

Press the right and left buttons at the same time (without releasingS/M) for a continuous 3 seconds (or reinstall the battery) and do not release until the display of the whole screen, 2124 enter the setting for perimeter, unit mm, press the numbers of the right buttons to add and minus for the setting before pressing the left button, follow this rule for the setting, for example, if the perimeter is 1.651m, then the input should be 1651. Continue to press the left button and it will display (kilo/080) to indicate the weight for the measurement of calorie, the unit is kilogram, press the left button to confirm for the entry to the next stage which is the setting for the maintenance of bicycle mileage and the screen will display the maintenance of bicycle. The 200 displayed in the middle is the system default of 200 km, similar to the setting for the perimeter, set your ideal mileage, after the setting, the stopwatch will enter the interface for the function of speed measurement.

Night lights turned on

Power saving mode of night lights:
Press the right button (S) with lights for 6 seconds.

Constant light mode of night lights:
Press both the right and left buttons (S/M) at the same time and that is the constant light. (-💡-)

Setting of perimeter

In the speed mode, press the left and right button together for a continuous 3 seconds toenter the display of full screen, release yourfingers and enter the selection of speed unitfor KM and M(kM indicates kilometer/ Mindicates mile)

21240

Settings for speed unit

KM indicates kilometer, M indicates mile
Right button for the selection of KM and M
Left button for confirmation
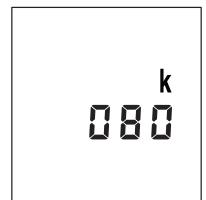
km

Weight (the setting for the parameters of calorie)

Body weight unit: kilogram
Input your body weight parameters to calculate the consumption of calorie, press the numbers on the right buttons to add and minus, press the left button to confirm. Follow the same rule to set the value of parameters.
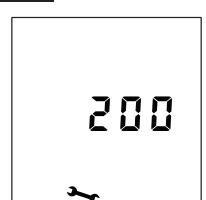
k
080

Maintenance setting and reminders' function

Press the numbers on the right button to add and minus, press the left button to confirm, and follow this rule.
When the mileage reaches the set value, the "bicycle maintenance" will flash for reminding, press the left button for 3 seconds in the interface for a single trip to turn off the flash, next time when the mileage of asingle trip reaches the preset mileage, the bicycle maintenance will again flash for the reminding ofmaintenance.
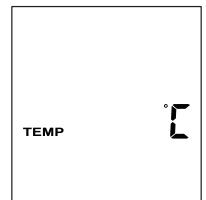
200

TEMP (temperature)

Temperature unit: Celsius (C) and Fahrenheit (F)
Unit setting: right button for selection and left button for confirmation

TEMP   C

Setting for zero clearing
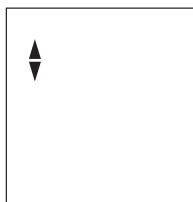
Zero mode must be turned off (SCAN)

Clearing to zero is not possible in the loop cycling mode of the (SCAN) menu, in the mode of single trip and riding time, long press the left button for about 3 seconds and it will display "0.0" which indicates the successful clearance to zero.

The function of contrast clues
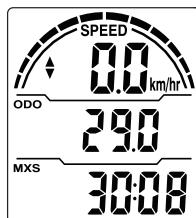
When "▲" or "▼" appears on the upper left corner of the screen during the ride, "▲" indicates the current riding speed exceeds the average speed, "▼" indicates the average speed exceeds the current riding speed.

Total mileage / highest speed

Display range of total mileage: 0.001~9999 kimometers(miles), when the number exceeds the maximum counting range, it will automatically return to 0 for recounting.
The screen displays the highest riding speed within the counting time for a single trip.
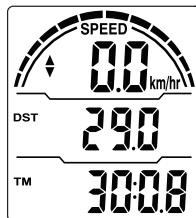
Mileage for a single trip / riding time

The screen displays the range of mileage for a single trip.
0.001~9999 kimometers(miles), when the number exceeds the maximum counting range, it will automatically return to 0 for recounting.
From the start of the riding time for a single trip to the time of total mileage
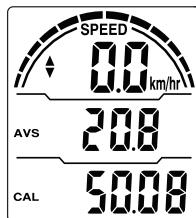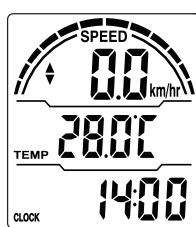
Average speed / Calorie

The screen displays the average value pf speed within the counting time for a single trip. Calorie is the energy consumption of the riding sports.
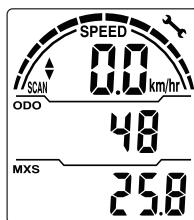
Clock settings (24 hours/12 hours)

Press the left button under the environmental temperature and the clock mode for a continuous 3 seconds to enter the selection of 24/12 hours, press the right button to choose - press the left button to confirm before entering the clock, press the right button to set - press the left button to confirm to enter the setting for minutes - press the right button again to set and press the left button again to confirm.

Setting for the initial value of the total mileage
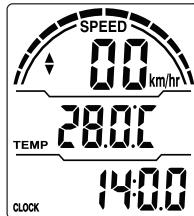
Under the mode of total mileage and highest speed, press the left button for a continuous 3 seconds to enter the setting for the total mileage. When the change of battery exceeds 10 seconds and the total mileage is cleared to zero, you may re-input in accordance with the mileage record before the change.

Environmental temperature / clock
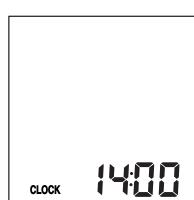
Environmental temperature: the environmental temperature during the riding, the environmental temperature can only be reached after the riding for 30 minutes.
Clock: Beijing Time

Power saving mode

When there is no input of sports signal within 300seconds, the display of the screen will enter the status of closure, the clock will be remained. When there is input for the signal of riding or when you press any button, you may return to the mode before the closure and memorize the respective items of values before the closure

Instructions for the use of buttons

Press the right button for the random selection of the function modes displayed in sequence: the total mileage, highest speed, mileage for a single trip, riding time, average speed, calorie, environmental temperature, clock.

The installation of battery

Use a coin of 1 yuan to open the door of battery, take a battery with the type of 2032 and put it in with the positive electrode (+) at the upper side and the negative electrode (-) at the lower side, cover with the battery door and screw tight. (as it is shown in the image)

Faults and other reasons

Faults	Reasons for the faults
Blurred display for the interface during the riding	Change with the 2032 button battery
The speed per hour remains to be 0 during the riding	The magnet is not aligned with the position of the round convex cap of the sensor
The riding speed value does not match with the actual value	The parameters are set incorrectly, for example, the perimeter of the bicycle wheel, or the meter head and the base are not tightened, press the meter head tight and push it to the correct position.
Black screen	Excessive exposure under the sunlight with the outdoor environment temperature being over 50℃ and above, you should put it in a place with shadows immediately and leave it for a certain period of time for the recovery to normality.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.