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> V1.10 <

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Cycle Computer-V1.10

Congratulation!

You have decided for a cycle computer to help you achieve your health & wellness.
It gives you the true image of your exercise work in precise way.

V1.10 is designed to give feedback required by the most discerning cyclists, in which is with all the functionality on one large easy to read display. V1.10 is a premier cycle computer for your challenge ride. With the wireless technology, users can enjoy their cycling.

Before use V1.10, please read through the manual that guides you on how to operate it correctly & quickly. V1.10 offers you very useful features to customize your exercise.

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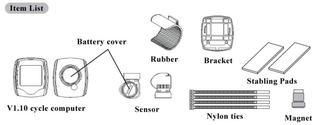
V1.10 offers you very useful features to customize your exercise and gain the best & accurate measurement. After exercise, you may view your fitness result by pressing the button. It would be better to keep this manual for reference.

Item List



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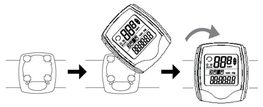
How to fit the bracket



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How to Use it as Cycle Computer

1)Wheel Circumference

To get the accurate result, the wheel size should be correct. Mark the symbol on the tire and ride one circle. Then measure the length between two points that result comes out, or you can get wheel circumference by the following equation:

Circumferrence (mm) = 2x3.14xR (inch) x2.54
(1 inch = 2.54 cm)
R=Radius in centimeter

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2)Installing the Bracket

Use the rubber pad tightens the bracket to the handlebar stem.

3)Installing the Speed Sensor

Check the position of the front pork to find the suitable point to attach the speed sensor. The distance between cycle computer & the speed sensor would be in 60 cm.

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4)Installing the Magnet

Put the magnet on the right spokes of the front wheel and must face the speed sensor. The max distance between the speed sensor and the spoke magnet should be 5 mm. Once above items in the right position, you may go for a ride.

Note: Please check the handlebar that can be operated normally before riding your bicycle.

Distance and Angle for Receiver

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A.Average Speed Symbol If Upper/ Lower Current Speed
B.Current Speed Display
C.Speed Scale Symbol Km/h or Mile/h
D.PM indicator
E.Sub Display

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MODE CHANGE

Press Mode key shortly to change mode.

1) CLK MODE (Clock Mode)
12/24H and Time switch
2) TM MODE (Auto Time Mode)
3) MXS MODE (Max Speed Mode)
4) AV MODE (Average Speed Mode)
5) DST MODE (Distance Mode)
6) OD1 MODE (Odometer 1 Mode)
7) OD2 MODE (Odometer 2 Mode)
8) ODO DST MODE (Total ODO Mode)

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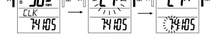
OPERATION PROCESS

Functional Set

CLK MODE (Clock Mode)



Press "SET" key for 2 seconds to go setting clock.
Press "SET" key once to adjust 12/24 hours.
Press "MODE" key to adjust time (hour).

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Press "MODE" key to adjust time (minute)
Press "MODE" key to adjust time (second)
Press "MODE" key for 2 seconds when complete the setting, it will back to Clock Mode.

TM MODE (Auto Time Mode)

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Note: Auto Timer would operate automatically when there is motion.
Press the "SET" key for 2 seconds, all exercises results in displayer will return to zero, except odometer.

MXS MODE (Max Speed Mode)

It displays the user's maximum speed from the beginning until current.

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AVS MODE (Average Speed Mode)

It displays the user's Average Speed from the beginning until current.

Note: If the average speed is above/below current speed, the symbol of ▲▼ would display.

Note: If your time or distance is over the max value (time 29 hr: 59 min: 59 sec) & (Distance: 999.99km), It will not be able to measure correct average speed and show "Err" on the displayer. Once the time & distance value has been reset, the average speed will show normally.

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DST MODE (Distance Mode)

It displays the user's distance from the beginning until current.

OD1 MODE (Odometer 1 Mode)

It displays the first setting for wheel size.

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OD2 MODE (Odometer 2 Mode)

It displays the second setting for wheel size.

ODO DST (Total Odometer Mode)

It displays total odometer from the beginning until current odometer.
Note: Odometer mode will return to zero when battery has been taken out.
The range of wheel size is from 100mm to 2,999mm.
Press "SET" key for 3 seconds to setting mode.

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Press "SET" key to select Km/H or Mile/H, and press "MODE" key to change the wheel size.

Press "MODE" key, it will display the wheel size in OD1.

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Press "MODE" key for 2 seconds, it will back to ODO Mode.
Press "SET" key, it will display the wheel size in OD2.
Press "MODE" key for 2 seconds, it will back to ODO Mode.
Press "MODE" key for 3 seconds to back when complete the setting.

MAINTENANCE

V1.10 cycle computer

If the display contrast changes and figures become faint, it's time to replace the computer battery. Consider changing the computer sensor and transmitter batteries at the same time. It's a good practice

Note: Do not expose V1.10 computer to extremely cold or hot temperatures i.e. don't leave your unit in direct sunlight for extended periods of the time.

Sensor

Check the position of sensor and magnet periodically. For current measurement, the sensor, magnet should not get wet/ rust. Or it may cause function error.

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Bracket/Magnet/Sensor band
The above items can be rinsed in surface fresh water or washed with a mild soap.

Battery replacement
Battery life: CR2032 x1 / approx. 10 months (when using 1 hour/day)

ATTENTION: At a break during your ride the receiver will be switched off after 60 minutes (battery consumption). Before continuing your ride your need to switch on the Computer again, press MODE button.

V1.10 computer: Unscrew the back cover. Look closely at the battery. Gently remove the battery and replace it with a new battery model CR2032 the (+) side facing up.

Sensor: Unscrew the back cover. Look closely at the battery. Gently remove the battery and replace it with a new battery - model CR2032 the (+) side facing up.
Warining : All the datas will be lost when the battery replaced !

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Troubleshooting

1.Display is black or very light:
The battery power may be low. Try a new battery to make sure the battery is installed correctly.

2.Display becomes dark or black:
The unit is too hot. Place the unit in a shaded area, and it should return to normal.

3.The unit operates slowly or struggled:
The unit is too cold. Warm the unit and it should return to normal.

4.Date in display varies enormously:
Check your surroundings for electromagnetic or high energy interference and move away from the source of interference.

5.Data in display shows slowly:
It may be affected by low temperature factor but it didn't influence the function reading. When the temperature rises, the data reading/ witch will back to the normal.

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6.Current speed does not appear:
It may be caused by the following situation: the distance & position between magnet and sensor to adjust.

LIMITED WARRANTY

This product is for three years limited warranty commencing on the date of purchase. The product will be free from defects in material and workmanship for three years from the date of purchase.

- Warranty does not cover the batteries, damages due to misuse, abuse or accidents, cracked or broken cases, negligence of precautions, improper maintenance or commercial use.
- Warranty is void if the repairs are done by non authorized service technician.

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- The warranties contained herein are expressly in lieu of any other warranties including implied warranty of merchantability and/ or fitness for purpose. In no events hall manufacturer be liable for any damages, direct or incidental, consequential or special, arising out of or related to the use of this manual or the products described herein.
- During this warranty period (three years) the product will either be repaired or replaced without charge.

Important Health Notice!!

Please read over the following information before using the Cycle Computer.

- Never use the cycle computer in combination with other medical/implanted electronic equipment and device (especially heart pacemakers, EKG equipment, TENS equipment, cardio-pulmonary machines and pacemaker.)

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- If you are severely ill or pregnant, please consult your doctor before using cycle computer.
- Keep this device away from children. It contains batteries, which might be swallowed by children.
- As with most electronic receiving devices, there can sometimes be interference that causes inaccurate display readouts. Avoid using your cycle computer near common sources of interference. These include high voltage power lines, air conditioning motor units, fluorescent lights, wristwatches, mobiles, and computers.

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SPECIFICATIONS

	Receiver	Speed Sensor
Operating Temperature	0℃~ 40℃	0℃~ 40℃
Storage Temperature	-10℃~ 50℃	-10℃~ 50℃
Emitted Frequency	N/A	122KHz ±5%
Battery	3 volt lithium 2032 cell	3 volt lithium 2032 cell
Weight	30.6 grams	20 grams

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Stopwatch Range:	0~9 (hour): 59 (minute): 59 (Second)
Accuracy 1/100 seconds	
Timer Range:	0~9 (hour): 59 (minute): 59 (Second)
Current Speed Range:	0~99.9 KM/ 0~62 Mile
Average Speed Range:	0~99.9 KM/ 0~62 Mile
Maximum Speed Range:	0~99.9 KM/ 0~62 Mile
(Trip) Distance Range:	0~999.99 KM/ 0~600 Mile
Odometer Range:	0~9999.9 KM/ 0~6200 Mile

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Wheel Size Chart

Tire Scale	L(mm)
26 x 1.75	2023
26 x 1.95	2050
26 x 2.00	2055
26 x 2.10	2068
26 x 2.125	2070
26 x 2.35	2083
26 x 3.00	2170
27 x 1	2145
27 x 1-1/8	2155
27 x 1-1/4	2161
27 x 1-3/8	2169
650 x 35A	2090
650 X 38A	2125
650 X 38B	2105
650 X 35B	2070
700 X 18C	1935
700 X 19C	2080
700 X 20C	2086
700 X 23C	2096
700 X 25C	2105
700 X 28C	2136
700 X 30C	2170
700 X 32C	2155
700C tubular	2130
700 X 35C	2168
700 X 38C	2180
700 X 40C	2200

Tire Scale	L(mm)
14 x 1.50	1020
14 x 1.75	1055
16 x 1.50	1185
16 x 1.75	1195
16 x 2.125	1245
18 x 1.75	1350
20 x 1.75	1515
20 x 1-3/8	1615
20 x 1-3/8	1770
22 x 1-1/2	1785
24 x 1	1753
24 3/4 Tubular	1785
24 x 1-1/8	1795
24 x 1-1/4	1905
24 x 1.75	1890
24 x 2.00	1925
24 x 2.125	1965
26 x 7/8	1920
26 x 1 (/59)	1913
26 x 1 (/65)	1952
26 x 1.25	1953
26 x 1-1/8	1970
26 x 1-3/8	2068
26 x 1-1/2	2100
26 x 1.60	2075
26 x 1.50	2010