Bicycle Computer
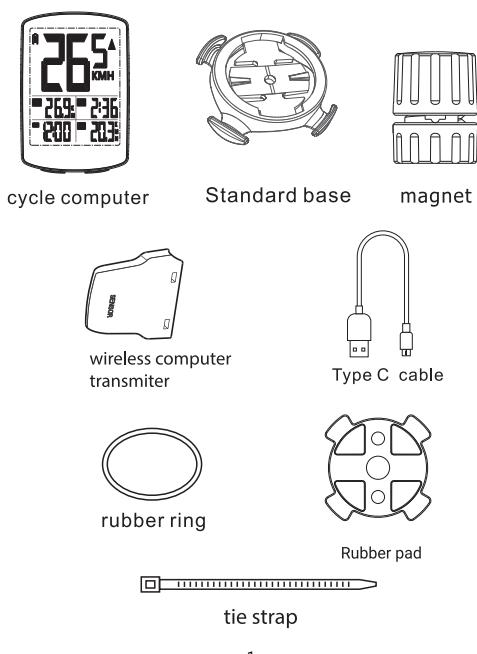## Instruction Manual

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.
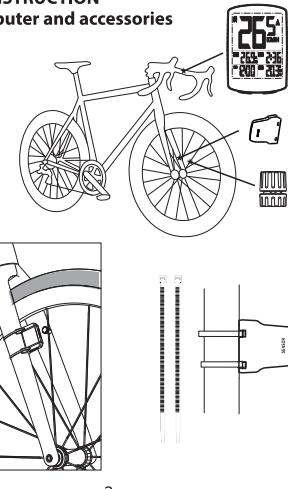

Standard accessories

cycle computer   Standard base   magnet

wireless computer transmiter   Type C cable

rubber ring   Rubber pad

tie strap

1

FUNCTION INTRODUCTION

DIST :	TRIP DISTANCE	KMH/ MPH UNITS
ODO:	TOTAL DISTANCE	CLOCK
KMH/MPH:	CURRENT SPEED	TEMPERATURE
MXS :	MAXIMUM SPEED	AUTO ON/ OFF
AVS :	AVERAGE SPEED	BATTERY STATUS
RTM :	TRIP RIDE TIME	AND CHARGING INDICATION
TTM :	TOTAL RIDE TIME	LED DISPLAY BACKLIGHT

INSTALLATION INSTRUCTION
Location of computer and accessories

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Battery installation
Insert coin into the gap of the battery cover, then counterclockwise rotate to open battery cover, mount battery and cover it up.

Please use CR2032 battery, battery anode (+) side is up, toward battery cover.

Bracket installation on handlebars
Fix the bracket on handlebar with included rubber ring.
Check proper function and position. For attaching on stem change dirrection of the bracket as shown below. Note: Add rubber pad under the bracket in final position of the computer.

❶ bike computer mount
❷ Use bike computer mount. Cross–fix the mount with rubber bands.

3

Installation of the computer into bracket
Switch computer in position by 45° left. Then insert in bracket and fix by rotating clokwise so computer is in same position with bracket.

tie straps
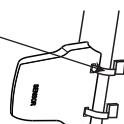
Transmitter installation
Fix the transmitter on the same side of the front fork as the computer bracket. If the bracket is mounted on the stem, you can fix the transmitter on both side of the fork.
Please follow max. distance between transmitter and computer 60cm in range 30°. Max. distance between the transmitter and magnet is 5 mm.

wireless transmitter

Max. 60 cm

max.5mm
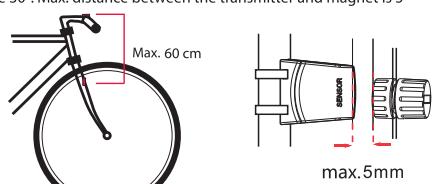
Note:
1. The distance between transmitter and magnet should be less than 5mm, try to adjust the location of magnet within this scope.
2. Keep min. distance - magnet and transmitter can not touch during the ride!
3. Place the transmitter on the side with sign "sensor" closer to the magnet (on the inner side)

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Magnet installation
Position the magnet on the wire closest to the fork at the same height as the sensor. Secure the threaded contact.
The cable must be inserted into the specified groove.
Check that signal transmission is running smoothly.
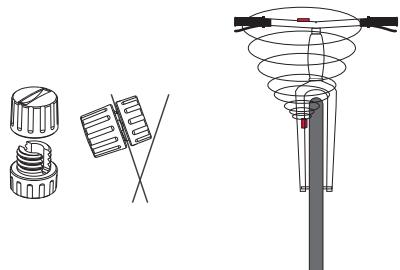
AUTO ON/ OFF:
Computer automatically enters standby mode after 4 minutes when it does not measure speed (KMH). Again it starts automatically after 10 seconds of pressing the button or movement - measuring speed.

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OPERATION INSTRUCTION
Please measure wheel circumference before setting circumference. There are two measuring methods.
1. Record marked size on wheel, refer to following table to find the perimeter.
2. 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)
3. For accurate measurement seat on bicycle while measuring (reccomended instalation in 2 people)

★ wheel circumference ★

Display backlight (EL)
To switch display backlight on press both SET+MODE simultaneously (EL ON). The backlight mode is not limited by the time interval. To switch off press the SET+MODE button again (EL OFF).

EL ON   EL OFF

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Common wheel size and circumference(Wheel Size L (mm)

| SIZE DIAMETER	SIZE DIAMETER	SIZE DIAMETER
12 × 1.75 935mm	26 × 2.00 2055mm	27.5×1.5 2074mm
14 × 1.5 1020mm	26 × 2.10 2068mm	27.5×1.95 2146mm
14 × 1.75 1055mm	26 × 2.125 2070mm	29×2.1 2288mm
16 × 1.5 1185mm	26 × 2.35 2083mm	29×2.2 2298mm
16 × 1.75 1195mm	26 × 3.00 2170mm	29×2.3 2326mm
18 × 1.5 1340mm	26 × 7/8 1920mm	650× 35A 2090mm
18 × 1.75 1350mm	26 × 1(59) 1913mm	650 × 38A 2125mm
20 × 1.75 1515mm	26 × 1(65) 1952mm	650 × 38B 2105mm
20 × 1-3/8 1615mm	26 × 1.25 1953mm	700 × 18C 2070mm
22 × 1-3/8 1770mm	26 × 1-1/8 1970mm	700 × 19C 2080mm
22 × 1-1/2 1785mm	26 × 1-3/8 2068mm	700 × 20C 2086mm
24 × 1 1753mm	26 × 1-1/2 2100mm	700 × 23C 2096mm
24×3/4Tubular 1785mm	26 × 1.40 2005mm	700 × 25C 2105mm
24 × 1-1/8 1795mm	26 × 1.50 2010mm	700 × 28C 2136mm
24 × 1-1/4 1905mm	27 × 1 2145mm	700 × 30C 2170mm
24 × 1.75 1890mm	27 × 1-1/8 2155mm	700 × 32C 2155mm
24 × 2.00 1925mm	27 × 1-1/4 2161mm	700C Tubular 2130mm
24 × 2.125 1965mm	27 × 1-3/8 2169mm	700 × 35C 2168mm
26 × 1.75 2023mm	27.5×1.75 2114mm	700 × 38C 2180mm
26 × 1.95 2050mm	27.5×2.125 2174mm	700 × 40C 2200mm

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MODE

SET

Computer data setting
Press left button MODE for 2sec and enter SET UP mode.
In SET UP mode press SET to adjust data numbers.
Press MODE button to confirm set data and move to next unit.

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MODE → MODE

MODE

Data display mode

MODE

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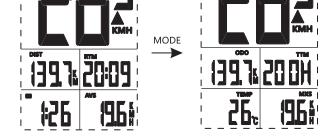
FUNCTIONS

Clock
Clock display time ar 12-hour or 24-hour format.
Trip distance (DST)
Indicates the distance travelled since the last data reset.
Total distance (ODO)
Indicates the total number of km/m traveled. It can be set in the SET UP mode.
Maximum speed (MXS)
Specifies the maximum measured speed since the last data reset.
Average speed (AVG)
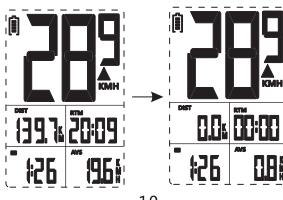It is calculated from the measured km/h and total riding time since the last data reset.
Trip ride time (RTM)
Indicates riding time since the last data reset.
Total ride time (TTM)
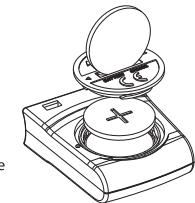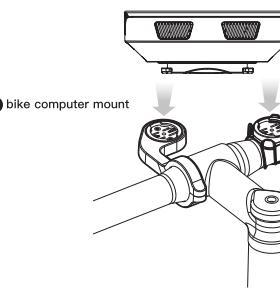Indicates the total km/m. It can be set in the SET UP mode.

To reset the measured data, press the **SET** button for 3 seconds.
A **RESET** warning will appear, which will blink twice.
Data is erased to 0.

MODE

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BATTERY CHARGING

Charge the computer only with the supplied USB cable, another cable can cause damage. Always unplug the cable after charging. Do not leave unattended when charging. Always ensure the USB port of the light by the lid after charging. The battery may get warm when charging. Several part cycles are better for the battery that 1 full cycle. Avoid ultra-fast high capacity charging. Charge the battery before long term storage (the battery must be recharged at least once every 6 months). Do not charge or otherwise use the damaged computer. Do not charge over 5V.
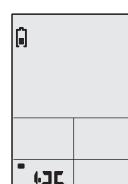

Open the rubber cover, connect the device with usb cable to charge
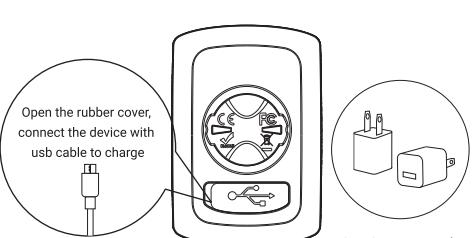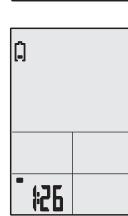
USB DC 5V power adaptor

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INDIKACE STAVU BATERIE
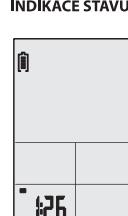
1/ 100% battery indicator battery life 150 hours/ 12 hours with LED display back light.

2/ 50% battery indicator battery life 60 hours/ 12 hours with LED display back light.

3/ 25% battery indicator charge the computer (battery life 10h/ 0,5h with LED)

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NOTE
Always pay attention to the road and traffic while riding. Check regularly the distance between sensor and magnets.

Wireless interference may occur near: smart phones, computers, Power banks, lights, other wireless devices, high voltage sources, railroad crossings etc.

Always dismount the computer while cleaning the bicycle and storage outside (protect from rain and snow). Battery capacity can be reduced to approximately 70-80% after 300-500 charging cycles. Battery capacity decreases at lower temperature. Do not expose the computer to a high temperature of + 40 ° C (hot place in the car), low temperatures below 0 ° C, high humidity and direct sunlight. Store in a cool, dry place, keep away from children, heat source and inflammable material. Protect from fire and inflammable substances.

Do not submerge in water.
Computer is water-resistant, it can be used in light rain. During heavy rain, it`s recommended to store in a dry place. Do not clean with water or aggressive cleaners. Do not disassemble or otherwise modify the computer, battery and accessories.

Dispose the computer and battery ecologically according to valid regulations. Always follow applicable traffic laws in the country where you use the product.

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TROUBLE SHOOTING

Problems	Reasons	Solution
Display slowly update	Climate temperature is low	Place it in normal temperature
No display, dark or badly readable.	1. Low level battery 2. Computer has been exposed to high ambient temperature or direct sunlight.	1. Charge battery 2. Place the computer in a lower ambient temperature environment.
No speed display of 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. Possible wireless signal interference caused by electromagnetic waves (description in notes - 7/page 13) near the computer.	1. Set up adjust procedure 2. Refer to installation to adjust position. 3. Setting adjustment numerical value referring to wheel 4. Adjust distance and angle per installation manual 5. Place computer far from the source of electromagnetic waves.
Malfunction display		Set up again referring to setup manual

Specifications
Speed sensor: non-contact type magnetic sensor
Wireless data transmission: coded 125KHZ low-frequency transmission
Battery type: Lithium polymer 301535/ 120 mAh (0,45Wh)/ 4.2V
Charging: with Micro USB 2.0 cable with battery and charging status indicator, charging time 1-2h
Computer weight with holder: 38g, battery weight: 10g
Wheel circumference unit: mm
Operating temperature: 0° C – 40° C, IP protection: IPX6
material: plastic, length 76mm, width 65mm, height 19mm

Measured data	Meausuring range
Current speed	1.0KM/H~99.9KM/H(MPH)
Maximum speed	1.0KM/H~99.9KM/H(MPH)
Average speed	1.0KM/H~99.9KM/H(MPH)
Trip distance A	0.1-99999.9KM(MILE)
Trip distance B	0.1-99999.9KM(MILE)
Total distance	1-999999KM(MILE)
Elapsed time	0:00.00-99H:59M:59S
Clock time	0:00-23:59

WARRANTY
Warranty does not apply to damage due to high and low temperatures, physical damage resulting from abuse, improper repair, improper fit, alternations of the fixture or improper use. Supplier does not accept any liability for injuries or other damage resulting from improper use of this product under any circumstances. Specifications and designs may be changed without prior notice.