

**sisco**

# CYCLE COMPUTER STRUCTION MANUAL

*BC235*



# 1. INTRODUCTION

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## WARNING

- This bike computer is not a medical instrument. It is only an auxiliary tool.
- Please dispose of the used batteries according to local regulations.
- Keep the batteries and accessories away from children

# 2. FEATURES

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- |                                         |                     |
|-----------------------------------------|---------------------|
| ● 2 bike system                         |                     |
| ● Current Speed (0-99.9 KM/h or M/hr)   |                     |
| ● Average Speed (0-99.9 KM/h or M/hr)   |                     |
| ● Max. Speed (0-99.9 KM/h or M/hr)      |                     |
| ● Trip Distance (Up to 999.99 KM or M)  |                     |
| ● Auto Trip Timer ( 9 : 59 : 59)        |                     |
| ● Service reminder for bike 1 & 2       |                     |
| ● Speed Comparator                      |                     |
| ● Speed Tendency                        |                     |
| ● Odometer save function for bike 1 & 2 |                     |
| ● Total Distance for Bike 1 + Bike 2    |                     |
| ● Current Cadence                       |                     |
| ● Average Cadence                       |                     |
| ● Maximum Cadence                       |                     |
| ● Calories counter                      |                     |
| ● Fat burnt                             | ● KM / M Selection  |
| ● Digital Clock with 12 / 24 format     | ● Auto start / stop |
| ● Temperature with C / F selection      | ● Auto power off    |
| ● Auto Wake-up                          | ● EL Backlight      |

### 3. GETTING PREPARED

This computer has 2 Menus, the Bike, CAD.

The main screen has 3 rows :

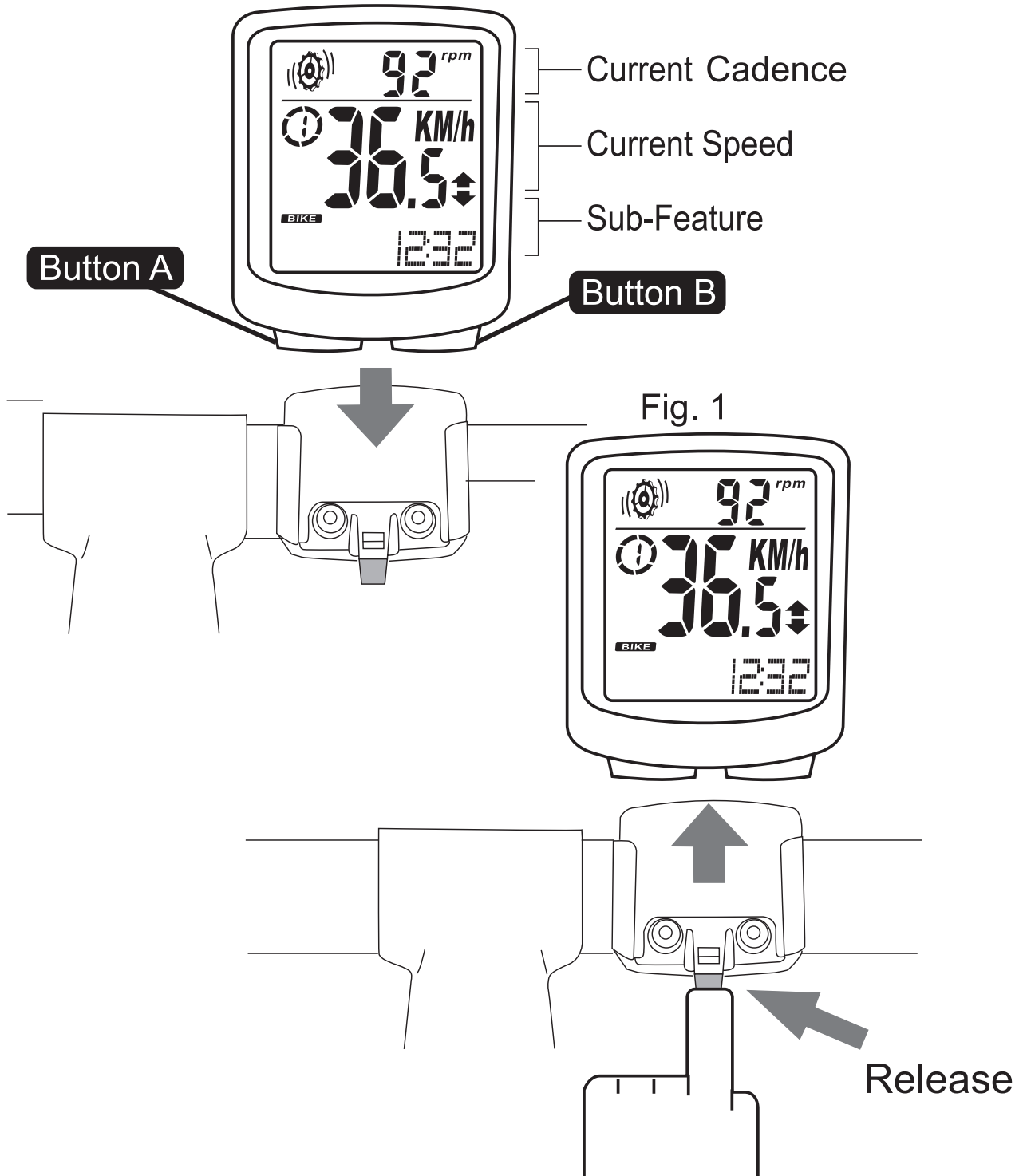
Top row shows current Cadence

2nd row shows current speed, bike number, speed tendency and speed comparator

3rd row is the sub functions

Press Button B to toggle between the two menus.

Press Button A to toggle through various sub-features of each menu.



**ATTENTION !! Refer to the appendix for installation reference.**

## THE BIKE

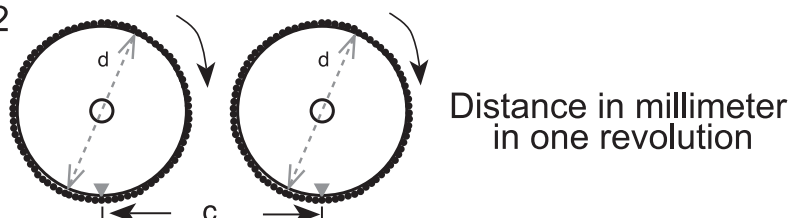
### WHEEL SIZE FACTOR

The wheel size factor is the distance the wheel turns in one revolution in millimeter. It is determined by the following formula: Wheel diameter (mm) X3.1416

For quick reference, you may use the wheel size factor chart below.

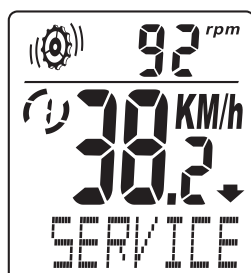
| Wheel Diameter (d) | Wheel Factor (c) | Wheel Diameter (d) | Wheel Factor (c) |
|--------------------|------------------|--------------------|------------------|
| 700B               | 2237             | 26" X 2.3"         | 2135             |
| 700C X 38MM        | 2180             | 26" X 2.25"        | 2115             |
| 700C X 35MM        | 2168             | 26" X 2.1"         | 2095             |
| 700C X 32MM        | 2155             | 26" X 2.0"         | 2074             |
| 700C X 30MM        | 2145             | 26" X 1.9"/1.95"   | 2055             |
| 700C X 28MM        | 2136             | 26" X 1.75"        | 2035             |
| 700C X 25MM        | 2124             | 26" X 1.5"         | 1985             |
| 700C X 23MM        | 2105             | 26" X 1.25"        | 1953             |
| 700C X 20MM        | 2074             | 26" X 1.0"         | 1913             |
| 700C Tubulari      | 2130             | 24" X 1.9"/1.95"   | 1916             |
| 650C X 23MM        | 1990             | 20" X 1-1/4"       | 1618             |
| 650C X 20MM        | 1945             | 16" X 2.0"         | 1253             |
| 27" X 1-1/4"       | 2161             | 16" X 1.95"        | 1257             |
| 27" X 1-1/8"       | 2155             | 16" X 1.5"         | 1206             |

Fig. 2



For most accurate value, please follow steps below:

1. Start by inflating the tire with proper pressure
2. Facing the tire valve to the ground and mark a spot on the ground (right below the valve)
3. With the rider's weight on the bike, roll one full rotation in a straight line (so roll until the valve face the ground again)
4. Measure the distance in millimeter. This value is your wheel size factor.



### SERVICE REMINDER

It automatically tracks distance travelled and reminds you to service your bike according to the distance entered.

When the preset distance is reached, SERVICE will be displayed at the bottom field and ① or ② will be flashing.

Press button A to ignore this reminder.

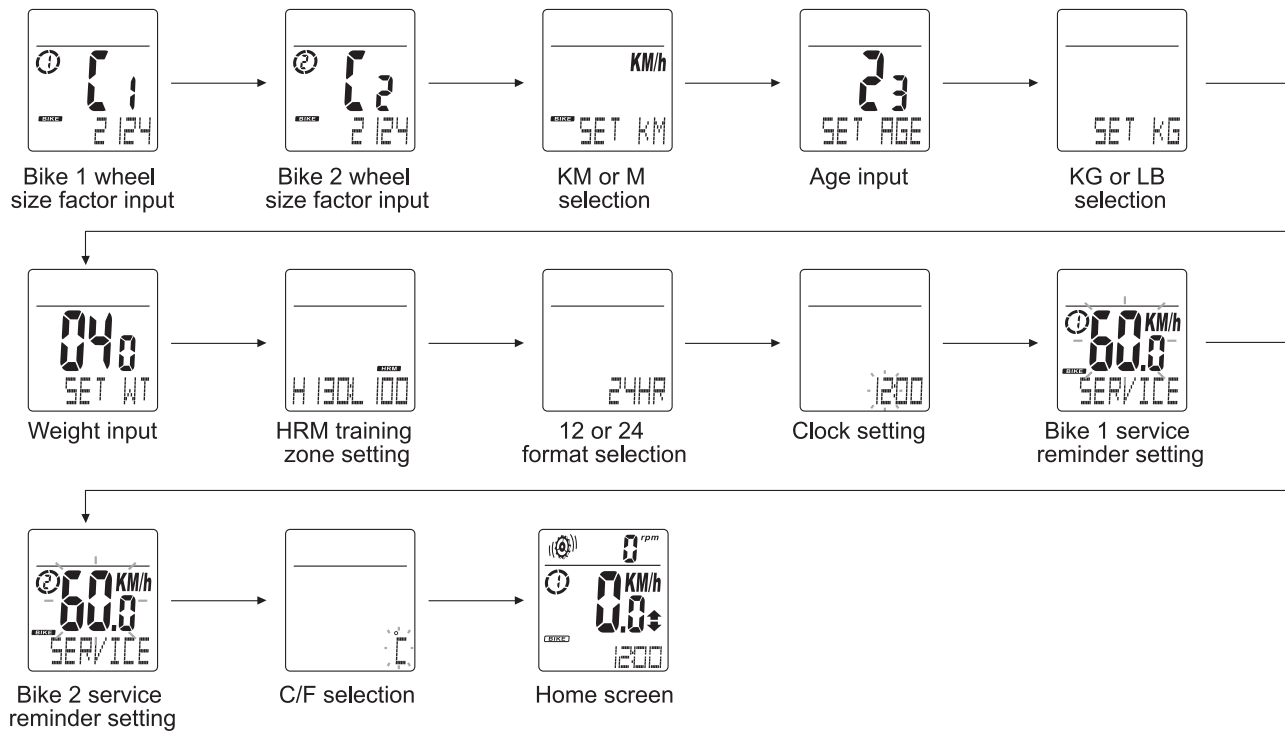
## 4. GETTING STARTED

### SETUP MODE

You can go to the setup mode by either:

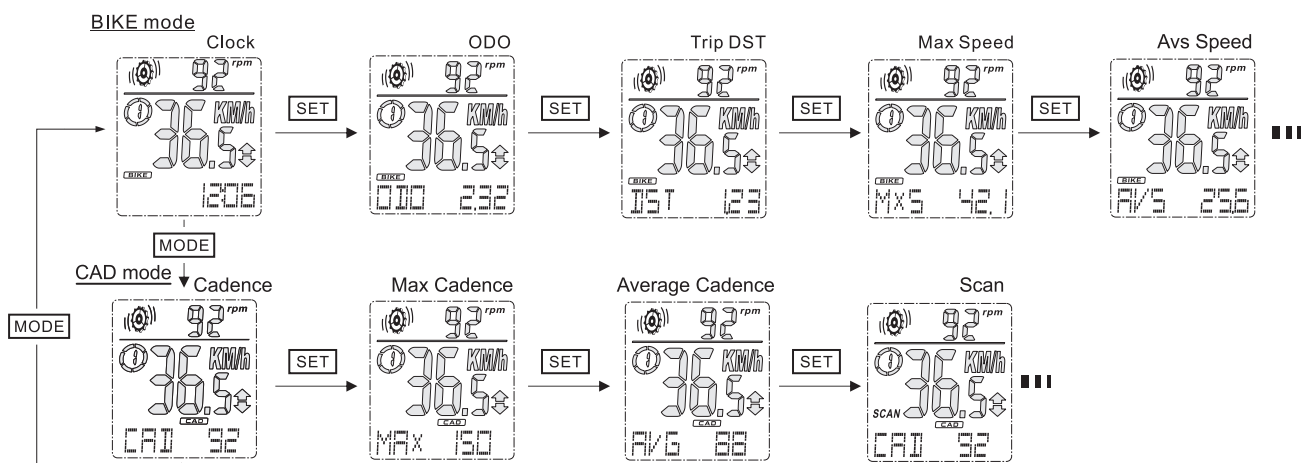
- Inserting the battery (if not installed)
- Holding both **A** and **B** buttons and press B again for reset.

Press **B** button to adjust the value and the **A** button to enter and confirm the setting.

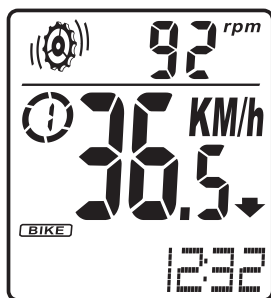


## 5. OPERATING THE COMPUTER

### SCROLLING THROUGH MENUS AND SUB-FEATURES

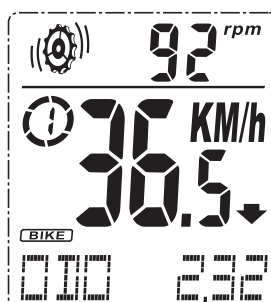


## THE BIKE MODE:



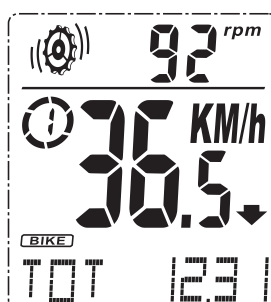
### CLOCK

It shows the current time.  
Hold the **A** button to reset the clock.  
Press the **B** button to adjust the value and confirm with the **A** button.



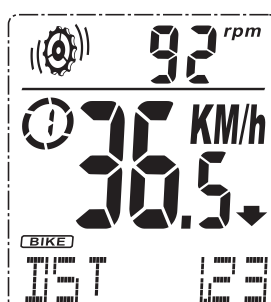
### ODO (TOTODO-1)

It measures distance accumulated for bike 1 or bike 2



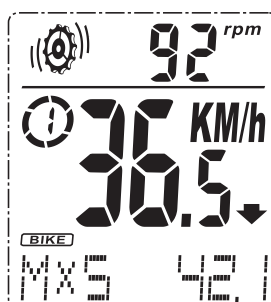
### TOT (TOTALODO)

It measures distance accumulated for bike 1 plus bike 2



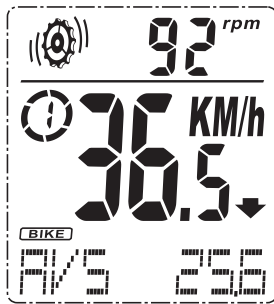
### TRIP DISTANCE (DST)

It measures distance traveled on each ride



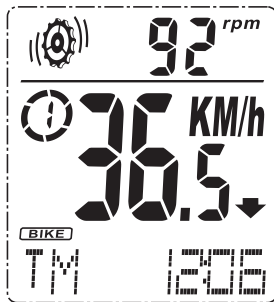
### MAXIMUM SPEED (MXS)

It measures maximum speed reached.



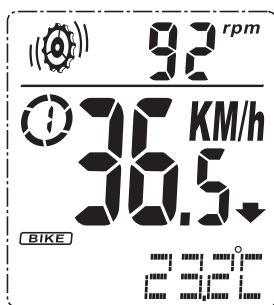
### AVERAGE SPEED (AVS)

It measures average speed.



### TRIP TIME (TM)

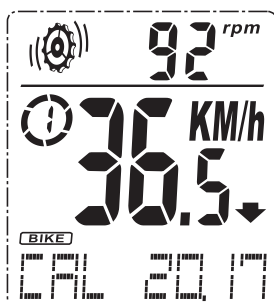
It measures the time of each ride.



### TEMPERATURE (TEMP)

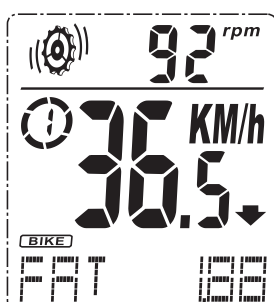
It measures current temperature.

Hold the **A** button to change the temperature unit if needed. Press the **B** button to select and confirm with the **A** button.



### CALORIES BURNED (CAL)

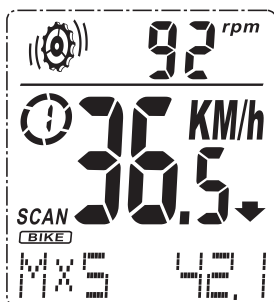
It measures calories burned.



### FAT BURNT (FAT)

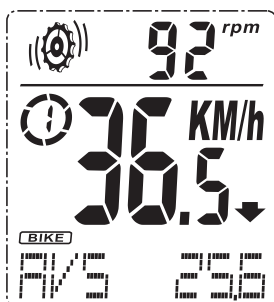
It measures fat burned in grams.





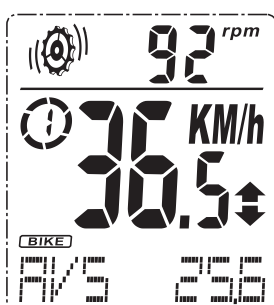
## SCAN

It sets the computer to cycle through all features automatically while you ride



## SPEED TENDENCY

Notice the ❶ or ❷ in the upper left hand corner of the middle display field. The icon is animated to spin when the wheel sensor is properly functioning and when you start your ride. It will appear to spin fast to indicate acceleration and appear to spin slow to indicate deceleration.

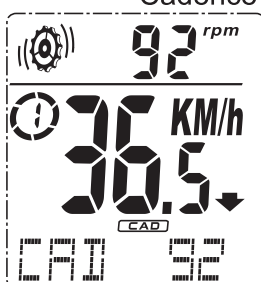


## SPEED COMPARATOR (▲ / ▼)

Notice the ▲ / ▼ icon located in the lower right hand corner of the middle display field. A ▲ indicates that you are riding faster than your average speed. A ▼ indicates you are riding slower than your average speed.

## THE CADENCE MODE:

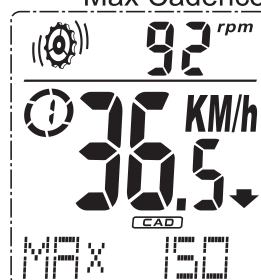
Cadence



### CURRENT CADENCE (CAD)

It shows the current cadence

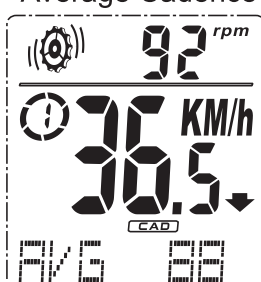
Max Cadence



### MAXIMUM CADENCE (MAX CAD)

It measures maximum cadence reached.

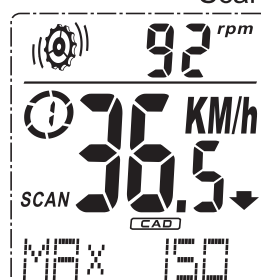
Average Cadence



### AVERAGE CADENCE (AVG CAD)

It measures minimum cadence.

Scan



### SCAN

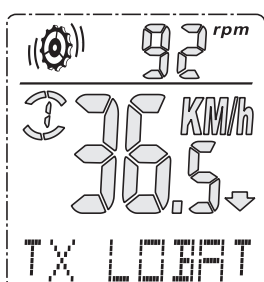
It sets the computer to cycle through all features automatically





## AUTO SLEEP AND WAKING THE COMPUTER

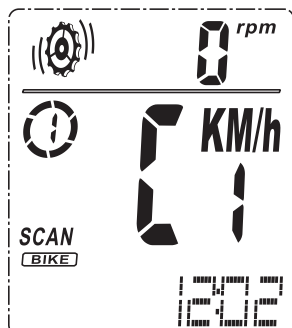
If this computer is left idle for more than 5 minutes, it will automatically go to the sleep mode (with clock) for battery saving. Press either button to wake the computer and return to the last screen.



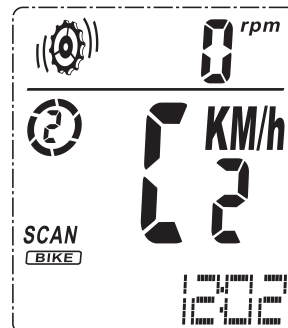
## LOW BATTERY WARNING OF SENSOR

Notice TX LOBAT displayed at the bottom field. It indicates low battery of the speed sensor. Press button **A** to ignore this warning.

## SELECTING BIKE 1 OR 2



Press  
Button A and B  
←→  
simultaneously  
and release quickly



All trip data will be reset after the change.

## TROUBLE SHOOTING

|                               |                                                                |                                                                                                                                     |
|-------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| No speed reading              | Improper magnet and sensor alignment<br>Dead battery of sensor | Check magnet and sensor alignment<br><br>Replace the battery.<br>Reset the computer and the sensor.                                 |
| Improper and abnormal reading | Interference<br>Wrong wheel size factor                        | Keep the unit away from any source of interference (e.g. CRT monitor and wireless devices)<br><br>Reset the computer and the sensor |
| Irregular reading             | Ambient temperature<br>Work temperature<br>Interference        | Reset the computer and the sensor                                                                                                   |

### Auto Power off

In order to save battery, the unit will go to sleep if no input received for 5 minutes.

### Manual Wake-Up

The user can wake up the computer by pressing any button.

### Auto Wake-Up

The user can wake up the computer by simply riding the bike without pressing any button within 2 hours after sleep - the unit will wake up within 10 second. More than 2 hours after sleep - the unit will wake up within 1 minute.

### EL Backlight

In the work mode, long press **B** button (right) for 2 seconds, backlight will bright 4 seconds; And then automatically shut down.

The normal function of the product may be disturbed by Strong Electro Magnetic interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.

“Caution: Risk of explosion if battery is replaced by an incorrect type: Dispose of used batteries according to the instructions.”

