Sunding Bicycle Computer

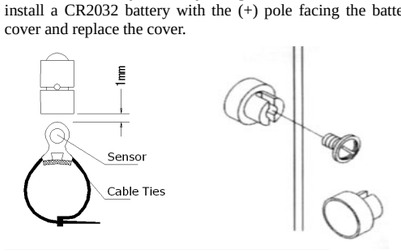
Sd-565A

FUNCTIONS

- SPD CURRENT SPEED
- ODO ODOMETER（0-99999 km/m）
- DST TRIP DISTANCE
- MXS MAXIMUM SPEED
- AVS AVERAGE SPEED
- TM ELAPSED TIME
- CLK CLOCK （12H/24H）
- RPM TEMPERATURE (-10℃~70℃)
- MIN RPM MINIMUM TEMPERATURE
- MAX RPM MAXIMUM TEMPERATURE
- SCAN
- COMPARATOR
- CAL Calory（0~99999Kcal）
- FAT (0~9999.9kg)
- SETTING SPEED SCALE（km.m）
- SETTING TYRE CIRCUMFERENCE （0mm～9999mm）
- SETTIN THE LAST VALUE OF ODOMETER / ODO （km/m）
- SETTING RIDER'S WEIGHT
- FREEZE FRAME MEMORY
- MAINTENANCE ALERT
- AUTO ON/OFF
- P (CURRENT / MAXIMUM / AVERAGE) HEART RATE / MINUTE

Battery Installation

Remove the battery cover by using a flat blade screwdriver, install a CR2032 battery with the (+) pole facing the battery cover and replace the cover.

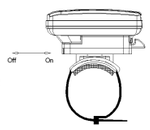


Speedometer Sensor & Magnet

Attach the speedometer sensor bracket to the left fork blade, using the shims to adjust the diameter, and using the cable ties (show below) to tie it withe the fork. Position the sensor and magnet as shows, make sure that the arc of the magnet intersects the alignment mark on the sensor with 1mm clearance.。

Mounting Shoe

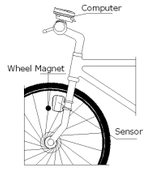
Attach the mounting shoe with the cable ties to the handlebar, adjust the mounting shoe on the handlebar with the shims to hold its position.



Sensor Wiring

Route the sensor wire up the fork blade, using cable ties to secure it at the bottom and crown to avoid it hinder the movement of the front wheel.

Computer



Attach the computer to the mounting shoe by sliding the unit until it snaps firmly into its position. To remove it, press the button on it in the opposite direction.

To check for proper speed function and sensor alignment,

spin the front wheel with computer in speed mode. Adjust the position of the sensor and the magnet when there is no or weak reaction.

Wheel Size Input

'2060' appears on the screen when the battery has been installed, and with one figure flashing, choose the correct wheel corcumference from the form below. Press RIGHT button to advance digits as needed and LEFT button to confirm and advance to next digit setting. (the circumference ranges 0mm~9999mm), press LEFT button to enter into km/m mode.

Tire size	CIRC	Tire size	CIRC
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
26" x 2.3"	2135		

Setting KM/Mile

Press the RIGHT button to choose km/h or m/h. Press the LEFT button to enter into ride's weight setting.

Setting Rider's Weight

The default weight is 65kg, press the RIGHT button to adjust the flashing weight number according to rider's weight, press LEFT button to confirm and advance. Weight ranges : 20~150kg. Press the LEFT button to enter into Maintenance Alert setting.

Setting Maintenance Alert

There with the default Maintenance Alert digit 200km/m flashing, Press the RIGHT button to choose 200/400/600/800（km/m）. Press the LEFT button to confirm and enter into Clock mode.

(When the ODO> the Maintenance Alert digit you setted, the will appear on the screen to alert the rider, press the LEFT button to cancel it.)

CLK (12H/24H)

In Clock mode, press the LEFT button for 3 seconds to enter into 12h/24h selection. Press the LEFT button for exchanging. Press the RIGHT button to confirm and with Hour digit flashing, press the Left button to adjust Hour, press the RIGHT button to confirm and with Minute digit flashing, press the LEFT button to adjust Minute, press the RIGHT button to finish and enter into ODO mode.

Setting the Last Value of Odometer

In ODO mode, press the LEFT button for 2 seconds with one digit flashing to setting ODO value, the initial value is 0000.0km(m), press the RIGHT button to adjust the digit, press LEFT button to confirm and advance.(after re-install the battery, the lastest ODO value which is before battery re-installed can be inputted).

Reset of Mileage Parameter

In any mode, press both two buttons simultaneously for 3 seconds to clear the tyre circumference and other records, the user need to reset the tyre circumference, km/m, the ODO and CLK will remain.

Speed

When riding, speed is shown all the time on the screen, it ranges : 0~99.9km(m), it is accurate to +/- 0.1km(m).

Comparator

When riding, ▲ or ▼ display on the screen, ▲ indicates the current speed is higher than average speed, and ▼ indicates the current speed is lower than average speed.

Odometer

In ODO mode, the total distance is indicated on the screen, its mileage range is 0.001~99999km(m). The display will be back to 0 when the value of it exceeds its maximum limit. Press the RIGHT button to enter DST mode.

DST (Trip distance)

In DST mode, the trip distance for one trip is indicated on the screen, this distance is start calculate when DST be cleared to 0. It ranges: 0~9999km(m), when exceed the range limit, it will restart from 0 automatically. In DST mode, press LEFT button for 5 seconds to clear the DST, MXS, AVS, TM records. Press the RIGHT button to enter into MXS mode.

MXS (Maximum speed)

In MXS mode, Maximum speed for one trip is indicated on the screen. Press the LEFT button for 5 seconds to clear the MXS, DST, AVS, TM records. Press the RIGHT button to enter into AVS mode.

AVS (Average speed)

In AVS mode, the average speed for one trip is indicated on the screen. Press the LEFT button for 5 seconds to clear the AVS, DST, MXS, TM records. Press the RIGHT button to enter into TM mode.

TM

In TM mode, the trip time for one trip is indicated on the screen. TM ranges : 0 :00 :00~9 :59 :59, restart from 0 :00 :00 when it exceed the range limit. In TM mode, press the LEFT button for 5 seconds to clear the TM, DST, MXS, AVS records. Press the RIGHT button to enter into RPM mode.

RPM (Temperature)（MIN）（MAX）

In RPM mode, the current outdoor temperature is indicated on the screen.

Minimum Temperature(MIN RPM)

Maximum Temperature(MAX RPM)

The default display for RPM is℃, press the LEFT butoon for 3seconds, ℃ is flahing, press the RIGHT button to exchange ℉/℃, press the LEFT button to confirm. RPM ranges : -10~70 (℃), it is accurate to +/-0.1℃. In RPM mode, press the LEFT button for 5 seconds to clear RPM MIN MAX, DST, MXS, AVS. Press the RIGHT button to enter into CAL mode.

CAL (Calory)

In CAL mode, the total heat energy the rider consumed calculates from the last restoration of the computer is indicated on the screen. It ranges: 0~99999Kcal. Press the RIGHT button to enter into FAT mode.

FAT

In FAT mode, the total FAT the rider consumed calculates from the last restoration of the computer is indicated on the screen. It ranges: 0~9999.9kg. Press the RIGHT button to enter into Scan mode.

SCAN

In SCAN mode, the DST, MXS, AVS, TM are indicated in turn every 4 seconds. Press the RIGHT button to enter into CLK mode.

Menu Hide Function

In any mode except CLK mode, press the RIGHT button for 5 Seconds, the computer is going to Menu hide mode, it hides MIN RPM, MAX RPM, CAL & FAT, which will not be indicated on the screen but still running without effect. Also in any mode except CLK mode, press the RIGHT button for 5 seconds again, these functions are resumed.

Sleep Mode

If no signal has been inputted for 300 seconds, computer will enter into Sleep mode, CLK remains. It will turn back to the former mode with all the data collected when any signal is inputted or any button is pressed.

Freeze Frame Memory

In any mode, press the LEFT button to enter into Freeze frame memory mode, flashing TM data will appear on the screen, press the RIGHT button to view the records of DST, TM, AVS and MXS. Press the LEFT button to end it.

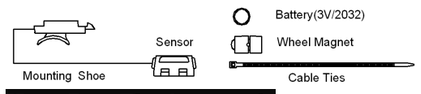
Heart Rate Function

* P current heart rate （times/minute）

* AVS average heart rate （times/minute）

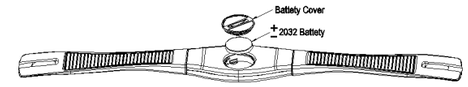
* MAX Maximum heart rate (times/minute)

Accessories



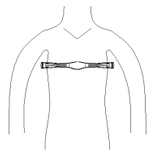
Heart Rate Elastic manual

* Remove the battery cover, install a CR2032 battery with the (+) pole facing the cover, and replace the cover.



* Install the buckle of the elastic

* Tie the elastic to the rider(show below),with the battery cover side touch the skin.



Attention

1, wireless transfer heart rate with the frequency of 5.3KHz

2, the heart rate conductor should be approach the heart position, close to the skin, should without cloth or any other object between the skin and the conductor.

3, with dry or cold weather, it is possible that the conductor not transfer signal well, it will get steady after minutes. The user also can spill drops of clean water to wet the conductor for soon signal transferring.

Malfunctions and Problems

Malfunctions	problems
No speedometer	Improper magnet/sensor alignment
Inaccurate value is indicated	Improper input, such as wheel circumference.
Slow display response	Temperature exceeds operating limits (0℃~55℃)
Black display	Too long time in sunlight, should take back to shade for a period.
Weak display	Poor battery or dead battery
Displays irregular figures	Take battery out and reinstall it after 10 seconds.