Bicycle computer
SD-546C (16Functions)

Please note the slight rattle sound from device is normal phenomenon, which results from the design of wireless automatic function.

Package

When you receive your package, there are seven accessories as the below :
1 * Computer
1 * Sensor
1 * mounting holder
4 * cable ties
1* CR2032 battery
1 * Magnet
1 * Rubber band
1 * Instruction

Note :Attaching sensor transmitter, computer battery cover and computer mounting holder with the shim, please do not tear off them,especially the shim on the back of computer battery cover.
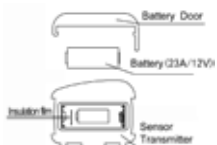
1 :Installation

Computer Battery Installation

Remove the battery cover from the bottom of the computer by using a flat blade screwdriver(eg :coin), install one CR2032 battery with the positive (+) pole facing the battery cover and flat battery. At this moment, the LCD will show some figures. Should the LCD show irregular figures, take out the battery and re-install it(Basically, the computer will show '2060' on the screen if settled correctly).
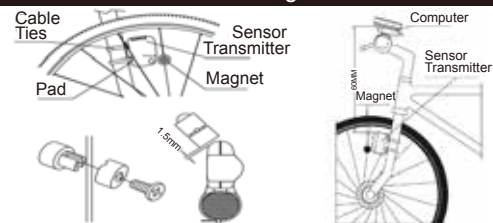
Sensor Transmitter Battery Installation

On the back of sensor transmitter there is a symbol of 'open', then push it and open the cover, install one 23A 12V battery.

Note :Our original package already contains battery on the sensor transmitter. If runs out,please change a new one.

Sensor Transmitter&Magnet Installation

Attach the sensor transmitter to the left fork blade, the distance between computer and the sensor can not exceed 60cm, the closer the signal will be better. Using the shims to adjust the diameter, and using the cable ties(as show above) to tie it with the fork. Position the sensor transmitter and magnet as shows, make sure that the arc of the magnet intersects the alignment mark on the sensor transmitter with 1-2mm clearance,the closer the effect will be better.

Install computer on mounting holder

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.

Install mounting holder on handlebar
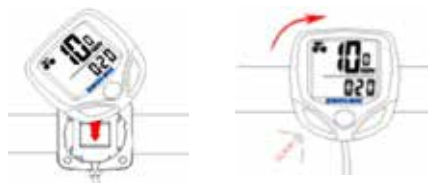
Attach the mounting holder with the cable ties to the handlebar, adjust the holder on the handlebar with the shims to fix its position.
To check for proper speed function and sensor alignment, spin the front wheel with computer in speed mode. Adjust the position of sensor and magnet when there is no or weak reaction.

2 All parameters setting

Please note that basically only wheel size parameter, km/h or m/h choosing and clock parameters need to be settled firstly , the rest parameters would change with tire running.

Wheel Size Input

'2060' appears on the screen with one figure flashing when the battery has been installed within 15 seconds,choose the correct wheel circumference from the table as below.Press RIGHT button to change digits as needed. Once done,press LEFT button to confirm and enter next number setting one by one (The circumference ranges 0mm~9999mm). Once wheel size settled down,press LEFT button, it will enter KM/M setting mode automatically. As for km/h m/h setting, please see the next step.

Notes : 1 :If found there is no '2060' appears on the screen with one figure after computer battery installation finished, just normal LCD parameters showing, you could click both the buttons stimultaneously for a few seconds, then release stimultaneously. The '2060' will appear, so you can follow the step as we have said above to set it.
2 :If you want to have a more accurate wheel size, please calculate your bike personally.

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
700cTubulari	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	29'' x 2.1''	2288
28" x 1-5/8" x 1-3/8"	2205	29'' x 2.2''	2298
28" x 1.6"	2224	29'' x 2.3''	2326
28" x 1.75"	2268		

Setting（km/h）/（m/h）

Press the RIGHT button to choose km/h or m/h. Press the LEFT button to enter CLOCK mode setting.

CLK Mode(12H/24H)

In CLOCK Mode, press the LEFT button for 5 seconds to enter 12/24H selection. Re-press the LEFT button for 12/24 exchanging. Press the RIGHT button to enter Hour setting mode, when the figure indicating HOUR start to flash, press the LEFT button to adjust it.
Continue to press the RIGHT button to enter Minute setting mode, when the figure indicating MINUTE start to flash, press the LEFT button to adjust it and RIGHT button to confirm, press the RIGHT button again to ODO mode.

Setting the Last value of Odometer

In ODO mode, press the LEFT button for 2 seconds to set the ODO value, its initial value is 0000.0. when one figure flashing, press RIGHT button to adjust it and LEFT button to confirm it and start to set the next figure.(after re-install the battery, latest value can be inputted according to the value exists before the battery is re-installed).

Reset of Mileage Parameter

In ODO mode, press and hold both RIGHT and LEFT button simultaneously for 3 seconds to clear the tire circumference and (km/m) setting, The user need to reset the tire circumference and (km/m), the original ODO value and CLOCK will remain unaffected.

Speedometer

Speed is shown all the time on the screen, its maximum reading is 99.9km/h(m/h), and it's accurate to +/- 0.1km/h (m/h).

Speed Comparator

During riding , '+' and '-' indicates the current speed is higher or lower than average speed(AVS) .

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 value exceeds its maximum limit, press the RIGHT button to enter DST mode.

Trip Distance (DST)

In DST mode, the distance for one trip is indicated on the bottom line. DST ranges from 0.001~9999km(m), when the value exceed the range limit, it restarts from 0 automatically. Both the time and the distance records will be cleared when the time of one trip exceed the range limits.
press the LEFT button for 5 seconds to clear the records of DST,MXS,AVS and TM.
Press the RIGHT button to enter MXS mode.

Maximum Speed (MXS)

In MXS mode, maximum speed is indicated on the bottom line. Press the LEFT button for 5 seconds to clear the records of MXS,DST,AVS and TM. Press the RIGHT button to enter AVS mode.

Average Speed(AVS)

In AVS mode, average speed is indicated on the bottom line. Press the LEFT button for 5 seconds to clear the records of AVS,DST,MXS and TM. Press RIGHT button to enter TM mode.

Trip Time(TM)

Press the RIGHT button to choose km/h or m/h. Press the LEFT button to enter CLOCK mode setting.

SCAN

In Scan mode , DST, MXS, AVS and TM mode are indicated in turn every 4 seconds.
Press the RIGHT button to enter CLOCK Mode.

Sleep Mode

If no signal has been inputted for 300 seconds, computer will enter into Sleep Mode, and CLK value 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

Press the LEFT button in any time will enter into freeze frame memory mode. Flashing TM data will appear on the screen. Press the RIGHT button to view the records of DST, MXS, AVS and TM. Press the LEFT button to end it.

3 : Button Instruction

Press the RIGHT button to choose any mode below : ODO, DST, MXS, AVS, TM, SCAN（DST、MXS、AVS、TM）and CLOCK. It's unnecessary to press the LEFT button except choosing the Freeze frame Memory mode.
In Freeze Frame Memory mode, press the RIGHT button, several data will display, re-press LEFT button to turn back to other modes.

4 :Malfunctions and Problems

Malfunctions	Problems
No speedometer	Improper magnet/sensor alignment Distance between computer and sensor transmitter exceed 60cm Low battery voltage of sensor transmitter or computer.
Short distance of the transmitter or no receiving	Lower battery voltage, need to change for a new one.
Display Abnormal figures	Too much Electromagnetic interference around
Inaccurate value is indicated	Improper input, such as wheel circumference.
Slow display response	Temperature exceeds operating limits(0℃ ～55℃).
Black display	Temperature too high, or put in direct sunlight for too long time. Need take back to shadow place for a period.
Weak display	Poor battery contact or dead battery
Display shows irregular figures	Take out battery and re-install it after 10 seconds.
Sensor without reaction	Put off the insulation film of the sensor transmitter

Note :The back light will turn on only when you press any button from 18:00 pm to 8:00 am.