Sunding Bicycle Computer

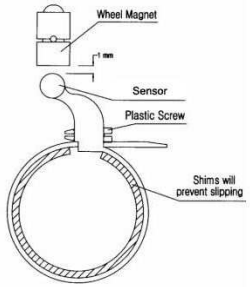
SD-536B (14Functions)

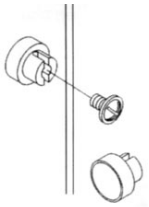
FUNCTIONS

- SPD CURRENT SPEED
- ODO ODOMETER （0.001～99999km/m)
- DST TRIP DISTANCE
- MXS MAXIMUM SPEED
- AVS AVERAGE SPEED
- TM ELAPSED TIME
- CLK CLOCK （12H/24H）
- SCAN
- “+” “—” COMPARATOR
- SETTING SPEED SCALE（km/h,m/h）
- SETTING TYRE CIRCUMFERENCE : (0mm ～ 9999mm)
- SETTING THE LAST VALUE OF ODOMETER/ODO
- FREEZE FRAME MEMORY
- AUTO ON/OFF

Battery Installation

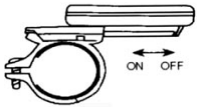
Remove the battery cover from the bottom of the computer by using a flat blade screwdriver, install an AG13 battery with the positive (+) pole facing the battery cover and replace the cover. Should the LCD show irregular figures, take out the battery and re-install it.





Speedometer Sensor

Attach the speedometer sensor bracket to the left fork blade, using the shims to adjust the diameter, and using the cable ties to tie it with 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.

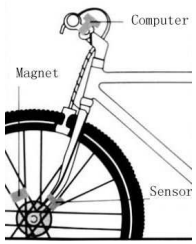


Mounting Shoe

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 sensor and magnet when there is no or weak reaction.

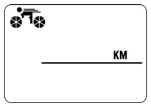
Wheel Size Input

‘2060’ appears on the screen when the battery has been installed, with one figure flashing, choose the correct wheel circumference from the table below. Press RIGHT button to advance digits as needed and LEFT button to confirm and advance. (The circumference ranges 0mm～9999mm),press LEFT button to enter 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/h）/（m/h）

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



CLK Mode(12H/24H)

In CLOCK Mode, press the LEFT button for 3 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 enter Mileage(ODO) mode.

Setting the Last value of Odometer

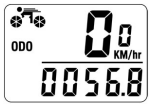
In ODO mode, press the LEFT button for 2 seconds to set the ODO value, its initial value is 0000.0. when one figure flashing, press RIGHT button to adjust it and LEFT button to confirm it, and start to set the next figure.(after re-install the battery, latest value can be inputted according to the value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

Reset of Mileage Parameter

Press and hold both RIGHT and LEFT button simultaneously for 3 seconds to clear the circumference and (km/m) setting. The user need to reset the tyre 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)

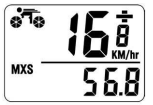
In DST mode, the distance for one trip is indicated on the bottom line. DST ranges 0～9999km(m), when the value exceed the range limit, it restarts from 0 automatically. Both the time and the distance will be cleared when the time of one trip exceed the range limits.

press the LEFT button for 5 seconds to clear the records of DST,MXS,AVS,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,TM.



Press the RIGHT button to enter AVS mode.

Average Speed

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,TM.

Press RIGHT button again to enter TM mode.

Trip Time

In TM mode, trip time is indicated on the bottom line.TM ranges 0 :00 :00 ～ 99:59 :59. It will be back to 0 when value exceed the limits.

Press the LEFT button for 5 seconds to clear the records of TM, DST, MXS and AVS.

Press the RIGHT button to enter SCAN mode.

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, CLK value remains. It will turn back to the former mode with all the data collected then 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.

Buttons 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 Momery mode, press the RIGHT button, several data will display, re-press LEFT button to turn back to other modes.

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	Temperature too high, or put in direct sunlight for too long time, need to take back to shadow for a period.
Weak display	Poor battery contact or dead battery
Display shows irregular figures	Take out battery and reinstall it after 10 seconds.

Accessories