

BICYCLE COMPUTER

SUNDING SD-560A (15Functions)

FUNCTIONS

- SPD CURRENT SPEED.
- ODO ODOMETER (TOTAL DISTANCE) .
- DST TRIP DISTANCE .
- MXS MAXIMUM SPEED .
- AVS AVERAGE SPEED .
- TM ELAPSED TIME .
- RPM ROTATION PER MINUTE .
- CLK CLOCK (12H/24H) .
- SCAN () ICON.
- “▲” “▼” COMPAPATOR.
- SETTING SPEED SCALE (km/h,m/h) .
- SETTING TYRE CIRCUMFERENCE(60CM~229CM).
- SETTING THE LAST VALUE OF ODOMETER.
- FREEZE FRAME MEMORY
- AUTO ON/OFF .

Battery Installation

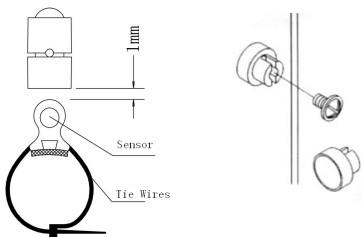
Remove the battery cover from the bottom of the computer using a flat blade screwdriver. Install an AG10 battery with the positive (+) pole facing the battery cover and replace the cover.

Should the LCD show irregular figures, take out the battery and install again.

Speedometer Sensor

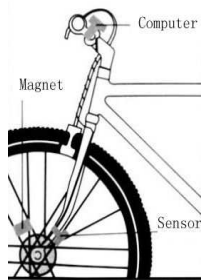
The speedometer sensor bracket attaches to the left fork blade, using rubber shims to adjust to the diameter of the fork. Position the sensor and magnet as show, making sure that the arc of the magnet intersects the alignment mark on the sensor with 1 mm clearance.

The magnet attaches to the front wheel spoke with the screws provided.



Mounting Computer Body

Attach the mounting shoe to the handlebar using the back splint provided. 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.



Sensor Wiring

Route the sensor wire up the fork blade, using tie wraps to secure it at the bottom and crown. Wire must not hang loosely. Leaving enough slack to allow free movement of the front wheel, route the remaining wire around the front brake cable and to the handlebar. Excess wire should be carefully looped and secured to the stem with a tie wrap.

KM/MILE Selection

After installing the battery within 15 seconds (it enters automatic cycle after 15 seconds), the mainframe display km/h, press SET button to choose km/h or m/h. Range of speed recording: 0-99.9km (m) /h. Press MODE button to enter Wheel size input mode.

Wheel Size Input

The mainframe display 3 flickering number, choose needed perimeter according to the following diagram, press the SET button to input (keep pressing SET to input quickly), press MODE button to confirm. The circumference varies between 60cm-229cm, default mainframe display is 208cm. Press MODE button to enter DST mode.

Tyre type(diameter)	Tyre Circumference
20"	160
22"	176
24"	192
26" (650A)	207
26.5" (Tubular)	211
26.6" (700x25C)	212
26.8" (700x28C)	214
27" (700x32C)	216
28" (700B)	224
(W/tyre)	
ATB 24"x 1.75	189
ATB 26"x1.4	200
ATB 26"x1.5	203
ATB 26"x1.75	205
ATB 26"x2 (650B)	210
27" x1	214
27"x1 1/4	216

Setting the Last Value of Odometer

The last value of the total distance (i.e. the figure 0 0 0 0 .0 on the right of the bottom of the screen) can be adjusted. (After reinstalling the battery, latest value can be input according to the value exists before the battery is reinstalled). Press the SET button to change the flickering digits, Press the MODE button to change to the next digit. The default last value of the odometer is 0. Press the MODE button to skip any digit.

Auto Start/Stop

To preserve batteries, the cycle computer will automatically switch off if the unit is left unused for over 2 minutes. Display will reappear with a Press on either button or input from the sensor.

Recording the Cycle Movements

Press the MODE button to enter DST mode, press the SET button, km/h (m/h) will flashing, press the MODE button to view the records of DST, MXS, AVS, TM, RPM, when there is input from the sensor, ' / ' starts to flash. Only when km/h(m/h) is flashing, do the computer have these records

except ODO & RPM.

Note: The cycle movements can't be recorded by ODO mode.

Speedometer

Current Speed is indicated on the top line all the time. The range of measurement is 0-99.9 km/h(0-99.9 m/h) and accuracy is +/-0.1 km/h(m/h).

SpeedComparator(Cadence)

During riding, "▲" Indicates that the instant speed is higher than average speed(AVS). "▼" indicates the instant speed is lower than the average speed.



Odometer(ODO)

In ODO mode, the total distance is indicated on the bottom line, its mileage range is 0~99999km(m). Press the SET button to know the fixed value of the tyre circumference, press the SET button for 6 seconds to clear out all the ODO value and other records, the users need to reset km(m), tyre circumference, and the original ODO value, the CLK will remain. The display will back to 0 when value exceeds its maximum limit, press the MODE button to enter DST mode.

Trip Distance (DST)

In DST mode, press the SET to see km/h (m/h) flashing, the distance for one trip is indicated on the bottom line. Reset DST by pressing the SET and MODE button at the same time. The computer will clear the records of DST, MXS AVS AND TM. DST ranges from 0-9999km (m), when the value exceeds the range, it restarts from 0 automatically.



Press the MODE button to enter MXS mode.

Maximum Speed (MXS)

In MXS mode, maximum speed is indicated on the bottom line.

Press the MODE button to enter AVS mode.



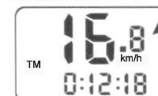
Average speed (AVS)

In AVS mode, average speed is indicated on the bottom line. AVS is calculated with the Trip Time (TM). Press the MODE button to enter TM mode.



Trip Time (TM)

In TM mode, trip time is indicated on the bottom line. It records only the riding time. TM will be cleared by pressing both SET and MODE buttons simultaneously. TM ranges from 0:00:00~9:59:59 The computer will restart from 0 when exceeds. Press MODE button to enter R mode.



Rotation Per Minute(R)

In R mode, Wheel frequency measurement is indicated on the bottom line.

Press the MODE button to enter CLK mode.



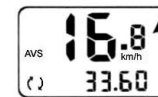
Clock (12H/24H)

Clock mode: Press SET and MODE button at the same time, the number indicating HOUR start to flash, press the SET button to adjust hour, then press the MODE button, the number indicating MINUTE start to flash, press the SET button to adjust minute, press the MODE button to go back. 12H/24H mode: The mainframe display 24H originally, press SET button for 6 seconds, the character "R (P)" appear on the bottom line, the mainframe goes to "12H", again press the SET button for 6 seconds, "R (P)" disappear and back to "24H" mode.

Press the MODE button to enter "()" (SCAN) mode.

Scan

In "()" (SCAN) mode: Screen display ODO, DST, MXS, AVS, TM, RPM, CLK every 4 seconds.



Freeze Frame Memory

In any mode of DST, MXS, AVS, TM, when computer display with km/h(m/h) flashing, means it is recording cycle movement, press the SET button under this condition, Freeze Frame Memory will lock the DST, MXS AVS, TM records. Press the MODE button to read these locked records. Press the SET and MODE buttons simultaneously to clear the Freeze Frame Memory to 0. This is particularly useful to record the information of sports competition.

Malfunction and Problem

Malfunction	Problem
No speedometer reading	Improper magnet/sensor alignment
Slow display response	Temperature exceeds operating limits (0~55 °C).
Black display	Temperature too high, or put in direct sunlight for too long time. Should take back to shadow for a period.
Weak display	Poor battery contacts or dead battery
Display shows irregular figures	Take out battery and reinstall it after 10 seconds.

Accessoires

