Sunding Bicycle Computer SD-201C (25 Functions)

**Functions**
- AUTO WAKE UP
- SPD CORRECT \*PE
- ODO ODOMETER (0.01/0.009km/h/m)
- DST TRIP DISTANCE
- MXS MAXIMUM SPEED
- AVS AVERAGE SPEED
- TM ELAPSED TIME
- CLK CLOCK (12/24H)
- TNP TEMPERATURE (°C/°F)
- MIN RPM
- MAX RPM
- SCAN
- COMPARATOR
- CAL (-9999 to 99999km)
- FAT (-9999.9kg)
- SETTING SPEED SCALE (km/h/m/h)
- SETTING TIME CIRCUMFERENCE (0mm~99999mm)
- SETTING THE LAST VALUE OF ODOMETER / ODO
- SETTING RIDER WEIGHT
- FREEZE FRAME MEMORY
- MAINTENANCE ALERT
- LOW POWER REMINDING
- BACK LIGHT
- AUTO ON/ OFF
- WIRELESS DIGITAL CODE

**Battery Installation**
Remove the battery cover from the bottom of the computer by using a flat blade screwdriver to separate the 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 speed sensor bracket to the left fork blade, use the shims to adjust the diameter, and using the cable tie it with the fork. The position the sensor and magnet that the arc of the magnet intersects the aligment 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**
2000\(^{*1}\) 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~99999mm, press LEFT button to enter KM/M mode.

<table>
<thead>
<tr>
<th>circumference</th>
<th>diameter</th>
<th>radius</th>
<th>left button</th>
<th>right button</th>
</tr>
</thead>
<tbody>
<tr>
<td>900 x 50mm</td>
<td>2080</td>
<td>2717</td>
<td>2080</td>
<td>2717</td>
</tr>
<tr>
<td>700 x 50mm</td>
<td>2168</td>
<td>26 x 2.1</td>
<td>2168</td>
<td>26 x 2.1</td>
</tr>
<tr>
<td>500 x 50mm</td>
<td>2193</td>
<td>26 x 2.6</td>
<td>2193</td>
<td>26 x 2.6</td>
</tr>
<tr>
<td>350 x 30mm</td>
<td>2145</td>
<td>26 x 3.9</td>
<td>2145</td>
<td>26 x 3.9</td>
</tr>
<tr>
<td>250 x 20mm</td>
<td>2170</td>
<td>24 x 1.7</td>
<td>2170</td>
<td>24 x 1.7</td>
</tr>
<tr>
<td>200 x 15mm</td>
<td>2124</td>
<td>26.5 x 1.5</td>
<td>2124</td>
<td>26.5 x 1.5</td>
</tr>
<tr>
<td>170 x 13mm</td>
<td>2083</td>
<td>26 x 1.25</td>
<td>2083</td>
<td>26 x 1.25</td>
</tr>
<tr>
<td>150 x 12mm</td>
<td>2030</td>
<td>24 x 1.35</td>
<td>2030</td>
<td>24 x 1.35</td>
</tr>
<tr>
<td>100 x 10mm</td>
<td>1950</td>
<td>20 x 1.5</td>
<td>1950</td>
<td>20 x 1.5</td>
</tr>
<tr>
<td>75 x 7mm</td>
<td>1850</td>
<td>25 x 1.15</td>
<td>1850</td>
<td>25 x 1.15</td>
</tr>
<tr>
<td>26 x 2.3</td>
<td>2135</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Speedometer**
When riding speed is shown all the time on the screen, it ranges 0-99.9km/h(m/h), and it is accurate to +/- 0.1km/h(mh).

**Speed Comparator**
During riding, \( \Delta \) and \( \nabla \) will display on the screen, \( \Delta \) indicates the correct speed is higher than average speed, \( \nabla \) indicates the current speed is lower than average speed.

**Odometer**
In ODO mode, the total distance is indicated on the screen, its mileage ranges 0-999999km(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 screen. This distance is start to be calculated when DST is declared to 0. It ranges 0-999999km(m), when exceed the range limit, it will restart from 0 automatically. In DST mode, press LEFT button for 5 seconds to clear the distance, MST, AVS, TM, records. Press the RIGHT button to enter into MXS mode.

**Speed Graph (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**
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.

**Trip Time**
In TM mode, the trip time for one trip is indicated on the screen. TM ranges 00:00~99.999hours:00:00 when it exceed the range limit. In TM mode, press LEFT button for 5 seconds to clear the TM, DST, MXS, AVS records. Press the RIGHT button to enter into RPM mode.

**Temperature (RPM)**
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 \( \circ C \), press the LEFT button for 5 seconds to clear the 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 is calculated from the last restoration of the computer is indicated on the screen. It ranges: 0-999999cal. Press the RIGHT button to enter into FAT mode.

**Low Power Reminding**
When the battery is low power, the symbol \( \bigstar \) will be shining, which reminds the rider to change to a new battery.

**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.

**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.

**Back Light**
The back light function is switched on or off when you press any button during PM:18~00:00-00. It will not work at any other time.

**Malfunctions & Problems**

<table>
<thead>
<tr>
<th>Malfunctions</th>
<th>Problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>No speedometer</td>
<td>Improper magnet/sensor alignment</td>
</tr>
<tr>
<td>Inaccurate value is indicated</td>
<td>Improper input, such as wheel circumference</td>
</tr>
<tr>
<td>Temperature</td>
<td>Temperature exceeds operating limits(0°C~55°C)</td>
</tr>
<tr>
<td>Black display</td>
<td>Too long in sunlight, should take back to shade for a period.</td>
</tr>
<tr>
<td>Weak display</td>
<td>Poor battery or dead battery</td>
</tr>
<tr>
<td>Displays irregular figures</td>
<td>Take battery out and reinstall it after 10 seconds.</td>
</tr>
<tr>
<td>Abnormal sound when shaking computer</td>
<td>Rolling Ball switch voice/shaking computer in sleep mode, computer auto on.</td>
</tr>
</tbody>
</table>