FUNCTIONS and SPECIFICATIONS

**A: Current Speed**
- The current speed is always displayed on the lower display when riding. It displays current speed up to 199.9 Km/h or 120.0 m/h.
- When the cycle stops the speed will continue to count for 4 seconds.

**ODO: Odometer**
- The odometer cumulates the total distance as long as the bike is being ridden.
- The ODO data cannot be cleared to zero by the RESET operation.

**TM: Riding Time**
- The TM totals the riding time from the last reset operation.
- The computer automatically begins counting upon riding, and continuing to count for 4 seconds. The computer then automatically subtracts the additional 4 seconds.

**C: 12HR AM/PM or 24HR Clock**
- Displays the current time in 12 HR or 24 HR Clock.

**DS: Trip Distance**
- The DS function accumulates the distance data from the last RESET operation as long as the bike is being ridden.

**MX: Maximum Speed**
- The computer shows the highest speed from the last RESET operation.

DATA SETTING PROCESS (See Fig. 1)

**# THIS PROCESS SHOULD BE USED WHEN ANY CHANGES TO SETTINGS ARE BEING MADE**
- The data is adjusted one digit at a time. The digit or function being changed will flash.
- Press the MODE BUTTON to increase the digital value by 1.
- To change the setting digit hold down the MODE BUTTON for more than 2 seconds.
- Press the SET BUTTON to store the data.

ACTIVATING THE COMPUTER

**# IMPORTANT: CARRY OUT THE FOLLOWING PROCEDURE WHEN USING THE COMPUTER FOR THE FIRST TIME OR AFTER REPLACING THE BATTERY**
- Install battery (refer to Battery Installation / Change).
- Hold down the MODE BUTTON and SET BUTTON simultaneously for more than 3 seconds to initialize the computer and clear all data. (See Fig. 2)
- All the LCD segments will be tested automatically after the unit is activated.
- Press MODE BUTTON to stop the LCD test.

**TEST PROCEDURE**
- The main unit has a SLIDE ON/OFF SWITCH to turn ON/OFF the power to the receiver. It can only receive the wireless signal when the main unit is mounted on the bracket. This will reduce the power consumption and increase the battery operation life.
- Spin the front wheel, if the main unit shows the symbol, installation is correct. If the computer fails to operate please check the relative positions between the wheel magnet and sensor, and the main unit and sensor. If the problem persists refer to the trouble shooting table.
UNIT SELECTION (See Fig. 2)
- Press MODE BUTTON to choose Km/h or Mile/h. Then press the SET BUTTON to store selection.

CIRCUMFERENCE DATA SETTING (See Fig. 3)
- The default value of 2155 will be displayed. Refer to the WHEEL CIRCUMFERENCE TABLE below for your tire size.
- Install the corresponding CIRCUMFERENCE NUMBER by following the instructions as described in the DATA SETTING PROCESS.
- The LCD will change to the ODO setting screen after the SET BUTTON is pressed to store the desired data.
- Refer to the chart below to calculate the setting value.

ODO SETTING (See Fig. 4)
- The function is designed to re-key in the previous data of ODO after the battery has been replaced. A new user does not need to set this data, therefore press the SET BUTTON once until the clock setting is displayed.

WHEEL CIRCUMFERENCE TABLE

<table>
<thead>
<tr>
<th>Wheel Size</th>
<th>Setting Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>47-469</td>
<td>26 X 1.75 X 2</td>
</tr>
<tr>
<td>47-507</td>
<td>26 X 1.5</td>
</tr>
<tr>
<td>47-571</td>
<td>26 X 1.5</td>
</tr>
<tr>
<td>47-597</td>
<td>26 X 1.5</td>
</tr>
<tr>
<td>50-559</td>
<td>26 X 1.9</td>
</tr>
<tr>
<td>54-599</td>
<td>26 X 2.00</td>
</tr>
<tr>
<td>57-599</td>
<td>26 X 2.15</td>
</tr>
<tr>
<td>57-608</td>
<td>26 X 3/8 X 1/2</td>
</tr>
<tr>
<td>57-610</td>
<td>26 X 3/4 X 1/2</td>
</tr>
<tr>
<td>60-630</td>
<td>27 X 1/4</td>
</tr>
<tr>
<td>60-622</td>
<td>27 X 1/2</td>
</tr>
<tr>
<td>60-624</td>
<td>28 X 1/2</td>
</tr>
<tr>
<td>60-635</td>
<td>28 X 1/2</td>
</tr>
<tr>
<td>60-637</td>
<td>28 X 1/2 X 1/8</td>
</tr>
<tr>
<td>60-638</td>
<td>28 X 1/8 X 1/8</td>
</tr>
<tr>
<td>62-622</td>
<td>700 X 18C</td>
</tr>
<tr>
<td>62-624</td>
<td>700 X 20C</td>
</tr>
<tr>
<td>62-626</td>
<td>700 X 22C</td>
</tr>
<tr>
<td>62-628</td>
<td>700 X 25C</td>
</tr>
<tr>
<td>62-629</td>
<td>700 X 26C</td>
</tr>
<tr>
<td>62-632</td>
<td>700 X 32C</td>
</tr>
<tr>
<td>62-637</td>
<td>700 X 35C</td>
</tr>
<tr>
<td>62-640</td>
<td>700 X 40C</td>
</tr>
</tbody>
</table>

CLOCK SETTING (See Fig. 5)
- The 12H/AM clock setting is now displayed and flashing.
- Press the MODE BUTTON to scroll through 12H/AM, 12H/PM and 24H settings.
- Once the desired setting is displayed hold down the MODE BUTTON for more than 2 seconds.
- The clock setting screen will now be displayed.
- Adjust the clock setting according to the DATA SETTING PROCESS.

BUTTUNS AND NORMAL OPERATIONS
To activate computer, press MODE button
MODE BUTTON
- Quickly press this button to move in a loop sequence from one function screen to another.

SET BUTTON
- Press this button to get in or out of the setting screens when you want to reset wheel circumference or the current time of the Clock.

RESET OPERATION (See Fig. 6)
- Hold down the MODE BUTTON until the LCD digit is blank, then release it. The computer will reset DST, TM and MAX data from stored values to zero.
- It cannot reset ODO and Clock.

MAIN UNIT SLIDE ON/OFF DETECTION
- The computer has a slide on detecting switch to avoid noise interference when the main unit is removed from the bracket. The main unit can only receive the wheel signal when it is in the handlebar bracket.

CIRCUMFERENCE AND CLOCK RESETTING
- Press the MODE BUTTON to change to one of the following mode displays:
  - Change to ODO screen to set Circumference.
  - Change to mode to set Clock.
- Press the SET BUTTON to enter the relative setting screen.
- Adjust the desired value according to the DATA SETTING PROCESS.
- Press the SET BUTTON to store the desired data and complete the current setting.

BATTERY INSTALLATION/CHANGE - MAIN UNIT (See Fig. K)
- The symbol will appear to indicate the battery is low.
- Replace the battery within a few days of the symbol appearing.
- All data will be cleared when the battery is replaced. However you are able to re-enter the ODO information which you had ridden before replacing the battery. Keep a record of this data before you remove the old battery.

Rechargeable Battery Type
- Replacement with a new CR2032 BATTERY and carry out the "ACTIVATING THE COMPUTER" instructions.

BATTERY CHANGE - SENSOR (See Fig. L)
- The SENSOR battery will typically last up to 2 years (or 24,000 km/15,000 miles). It is advisable to replace the battery before the battery power is completely exhausted, otherwise the transmission power of the SENSOR may be weakened and cause the main unit to display inaccurate data.
- Replace with a new LIR44 BATTERY with the positive (+) pole towards the SENSOR BATTERY CAP.

TROUBLE SHOOTING
Check the following before taking unit in for repairs.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CHECK ITEMS</th>
<th>REMEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Display or Inconsistent Display</td>
<td>1. Is the sensor battery dead? 2. Is it the battery in the computer main unit dead? 3. Is there incorrect battery installation?</td>
<td>1. Replace the battery. 2.1 Replace the battery. 2.2 Refer to the Main Unit Setup and reset your computer. 3. Be sure that the positive pole of the battery is facing the battery cap.</td>
</tr>
<tr>
<td>No current speed or incorrect data</td>
<td>1. Is it at the MAIN UNIT SETUP or clock setting screen? 2. Are the contacts between the main unit and bracket poor? 3. Are the relative positions and gap of sensor and magnet correct? 4. Is the circumference correct?</td>
<td>1. Refer to the adjusting procedure. 2. Wipe contacts clean. 3. Refer to (Fig. F, G &amp; H) and readjust data correctly. 4. Refer to &quot;wheel circumference&quot; and enter correct value.</td>
</tr>
<tr>
<td>LCD is black</td>
<td>Did you leave main unit under direct sunlight when not riding the bike for a long time?</td>
<td>Place main unit in the shade to return to normal state. No adverse effect of data.</td>
</tr>
<tr>
<td>Display is slow</td>
<td>Is the temperature below 0°C (32°F)?</td>
<td>Unit will return to normal state when the temperature rises.</td>
</tr>
</tbody>
</table>