BYCICLE COMPUTER INSTRUCTIONS

14 FUNCTIONS

- SPD   CURRENT SPEED
- ODO   ODOMETER（TOTAL DISTANCE）
- DST   TRIP DISTANCE
- MXS   MAXIMUM SPEED
- AVS   AVERAGE SPEED
- TM   ELAPSED TIME
- R   ROTATION PER MINUTE
- CLOCK(24H)
- SCAN
- "▲""▼" COMPARATOR
- SETTING SPEED SCALE(km/h, m/h)
- SETTING TYRE CIRCUMFERENCE（10cm~239cm）
- SETTING THE LAST VALUE OF ODOMETER(km or m)
- AUTO ON/OFF

Battery Installation

Remove the battery cover from the bottom of the computer using a flat blade screwdriver. Install a AG13 battery with the positive(+) pole facing the battery cover and replace the cover. Should the LCD show irregular figures or have no shows, take out the battery and install again.

NOTES: When install the battery, Please don't make any spring contact tongue out of shape.(the battery positive connecting sheet have three spring contact tongues)

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 the arc of the magnet intersects the alignment mark on the sensor with the clearance less than 5mm.

The magnet attaches to the front wheel spoke with the screws Provided
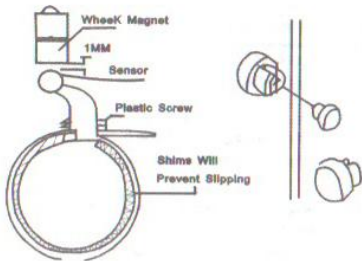
Mounting Shoe

Attach the mounting shoe to the handlebar using the bracket screw provided. Rubber shims are also included to provide a secure fit if the clamp can't close completely, or the bracket slips on the handlebar, shims will be necessary.

Bracket can be attached to either left or right hand side of the handlebar
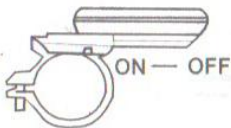
Sensor Wiring

Route he sensor wire up the fork blade, using tie wraps to secure it at the bottom and crown. Wire must nit 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.
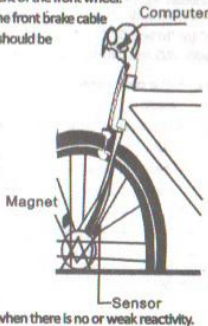
Computer

The computer attaches to the mounting shoe by sliding the unit until it snaps firmly into position. Push forward the opposite direction to remove.
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 reactivity.

KM/MILE Selection

After installing the battery within 15 seconds (it enters automatic cycle after 15 seconds), the mainframe display km/h; press LEFT button to choose km/h or m/h. Range of speed recording: 0~99.9km(m)/h.
→Press RIGHT 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 LEFT button to input (for example: input the number quickly by pressing LEFT button for over 2 second), Press RIGHT button to confirm. The circumference varies between 10cm~239 cm, default mainframe display is 208cm.

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"x1.75	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

Press RIGHT button to enter DST mode

Setting the Last Value of Odometer

The last value of the total distance (i.e. the figure 0000.0 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 LEFT button to change the flickering digits, Press the RIGHT button to change to the next digit. The default last value of the odometer is "0.0". Press the RIGHT button to skip any digit.

Auto ON/OFF

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 RIGH button to enter DST mode, press the LEFT button until "km" and "h" (or "m"and "h") of "km/h" (or "m/h") starts to flicker to record DST、MXS、AVS and TM. When there is input from the sensor, " / " starts to flicker.

NOTES：
- ▼ The cycle movement can't be recorded by ODO and CLOCK mode.
- ▼ The cycle movement can be recorded just only by DST、MXS、AVS、TM and R mode.
- ▼ Recording the Cycle Movements mode is opposite Freeze Frame Memory mode, default mode is Freeze Frame Memory.

→Press the LEFT button to enter Freeze Frame Memory mode by DST、MXS、AVS、TM and R mode.

Freeze Frame Memory

Press the LEFT button, Freeze Frame Memory can lock the display at the end of a ride segment by DST、MXS、AVS、TM and R mode, "km" and "h" (or "m" and "h") of "km/h" (or "m/h") stops to flicker. The Cycle Movement (DST、MXS、AVS and TM mode) can be read at later time by pressing the RIGHT button. To release the memory, press the LEFT and RIGHT button at the same time, the value of DST、MXS、AVS and TM will be back to zero.

★That is particularly useful to record the information after finishing a sports competition

Speedometer

Instantaneous Speed is indicated on the top line. The rage of measurement is 0~99.9km/h (m/h) and accuracy is +/-0 1 km/h (m/h).

Speed Comparator (Cadence)

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

Odometer (ODO)

Mileage function mode: The mainframe appears the total distance after it is restored at the last time, press LEFT button to know the fixed value of the tyre circle, press LEFT button for 6 seconds to clear out all the ODO value and other records and information, the user need to reset the km (m), tyre circle, and the original ODO value, the clock will remain. Total distance display 0~9999.9 km(m), the mainframe will be back to zero when value exceeds the maximum limit,

→press RIGHT button to enter DST mode.

Trip Distance (DST)

The distance for one trip indicated by DST is displayed on the bottom line.
Reset DST by pressing the LEFT and RIGHT button at the same time. The computer will clear the records of DST, MXS, AVS and TM

DST ranges from 0~999.99 km(m), when the value exceeds the range, it restarts from 0 automatically.

→Press the RIGHT button to MXS mode

Maximum Speed (MXS)

Maximum speed measurement for one trip is indicated by MXS and is displayed on the bottom line.

→ Press the RIGHT button to enter AVS mode

Average Speed （AVS）

Average Speed measurement is indicated by AVS and is displayed on the bottom line
AVS is calculated with the Trip Time (TM)
AVS is the average speed only while riding.

→Press the RIGHT button to enter TM mode

Trip Time （TM）

Trip time measurement is indicated by TM and is displayed on the bottom line. Trip Time is activated automatically with speedometer input. (ON when you ride and OFF when you stop.) It records only the time spent actually riding.
Max 9:59:59, the computer reset to 0 when exceeds.

→Press RIGHT button to enter R mode.

Rotation Per Minute （R）

Wheel frequency measurement is indicated by R and is displayed on the bottom line.

→ Press the RIGHT button to enter CLK mode.

Clock(24H)

Clock mode: Press LEFT and RIGHT button at the same time, the digits indicating HOUR start to flicker, press the left button to adjust hour, then press the RIGHT button, the digits indicating MINUTE start to flicker, press the LEFT button to adjust minute, press RIGHT button to go back.
Clock mode of Computer is by 24H.

→ Press RIGHT button to enter Scan mode" ( ) "

Scan ( )

Scan mode: Screen display varies among ODO, DST, MXS, AVS, TM, R, CLK every 4 seconds.

ODO→ DST→ MXS→ AVS→ TM→ R→ CLK

Malfunction and Measure

Malfunction	Problem and Measure
No speedometer reading	Improper magnet/sensor alignment
	The position of the two spring contact tongues within Mounting Shoe is too low.
Slow display response	Temperature exceeds operating limits(0~55℃)
Black display	Temperature too hot, or display exposed to direct sunlight for too long
Display readout fades	Poor battery contacts or dead battery
No display	Take out battery and raise the negative contact small plate, then reinstall it after 10 seconds
	Dead battery and change a new battery

Accessories

- Plastic Screw
- Universal Sensor Bracket
- Mounting Shoe
- Wheel Magnet
- Computer Battery（1.5/AG13）
- Cable Ties