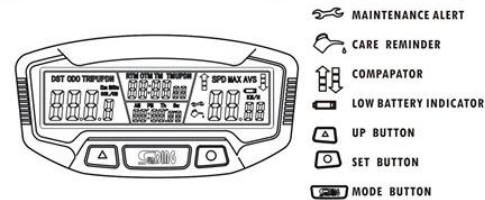




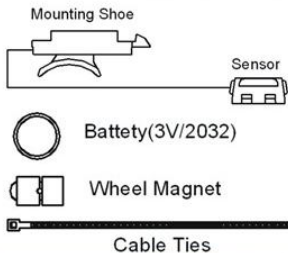
FUNCTIONS ILLUSTRATIONS

- SPD CURRENT SPEED
- ODO ODOMETER (0.00~9999km/m)
- DST TRIP DISTANCE
- MXS MAXIMUM SPEED
- AVS AVERAGE SPEED
- TTM TOTAL TRIP TIME
- TM TRIP TIME
- RAT RIDING ALL TIME
- CLK CLOCK (12H/24H)
- SW STOPWATCH
- TEMPERATURE (-20°C~70°C)
- TM UP TRIP TIME UP
- TM DN TRIP TIME DOWN
- TRIP UP TRIP DISTANCE UP
- TRIP DN TRIP DISTANCE DOWN
- COMPARATOR
- Km/Mile SELECTION
- MAINTENANCE ALERT
- CARE REMINDER
- OVER-SPEED REMINDER
- SETTING TYRE CIRCUMFERENCE
- SETTING THE LAST VALUE OF ODOMETER
- SETTING THE LAST VALUE OF TOTAL TIME
- FREEZE FRAME MEMORY
- LCD BACKLIGHT
- LOW BATTERY INDICATOR
- AUTO ON/OFF

HEAD UNIT ILLUSTRATION



COMPONENT ILLUSTRATIONS



BATTERY INSTALLATION

Remove the battery cover from the bottom of the computer by using a flat blade screwdriver, install a CR2032 battery with the positive (+) pole facing the battery cover and replace the cover. Should the LCD show irregular figures, take out the battery and reinstall it.



INSTALLATION PROCEDURES

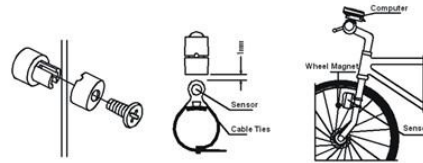
For installation details please see the back

MOUNT BRACKET & HEAD UNIT

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.

WIRELESS TRANSMITTER & MAGNET

Attach the sensor transmitter to the left fork blade, the closer the better. Using the shims to adjust the diameter, and using the cable ties (show below) to tie it with the fork. Position the sensor transmitter and magnet as shows, make sure that the arc of the magnet intersects the alignment marked on the sensor transmitter with 1.5mm clearance. Alignment, spin the front wheel with computer in speed mode. Adjust the position of sensor and magnet when there is no or weak reaction.



MAIN UNIT SETUP

MODE INSTRUCTION

When set up the battery, it into the DISPLAY (DST) mode. Still press MODE button, will go into trip up/dn and inquiry MODE. The DST MODE is the default one.

ENTER THE DATA SETTING MODE

In the DST or ODO MODE, press SET button for 3 seconds into DATA SETTING MODE.

SET TEMPERATURE (C/F)

When into the DATA SETTING MODE, press UP button to choose C and F. Press SET button to confirm and enter into the CLOCK SET MODE.

SET 12/24 CLOCK

Press UP button to set 12/24hour exchange. Press the SET button to confirm and enter to Hour setting, when the figure indicating HOUR start to flash, press the UP button to adjust it. Continue to press the SET button to enter Minute. Second setting mode, press the UP button to adjust it. Upon completion, press SET button to set the wheel size.

SET WHEEL SIZE

Default wheel circumference setting is 2080mm. Choose correct wheel circumference figure from Reference Chart. Press UP Button to advance as needed and SET button to confirm and advance. (Range: 0~9999mm)

TIRE SIZE	CIRC	TIRE SIZE	CIRC	TIRE SIZE	CIRC
700CX38mm	2180	650CX23mm	1990	26"x1.75"	2035
700CX35mm	2168	650CX20mm	1945	26"X1.5"	1985
700Cx32mm	2155	27"x1-1/4"	2161	26"X1.25"	1953
700Cx30mm	2145	27"x1-1/8"	2155	26"X1.0"	1913
700Cx28mm	2136	26"x2.3"	2135	24"x1.9"	1916
700Cx25mm	2124	26"x2.25"	2115	20"x1-1/4"	1618
700Cx23mm	2105	26"x2.1"	2095	1.6"X2.0"	1253
700Cx20mm	2074	26"x2.0"	2074	1.6"X1.95"	1257
700CxTubular	2130	26"X1.9"	2055	1.6"X1.5"	1206

If the wheel size is not on the chart, or if you want a more precise calibration, wheel circumference maybe calculated as following: Mark the tire and a spot on the floor. Roll the wheel forward a complete revolution until the tire mark touches the floor against and mark the spot. Measure the distance between the marks on floor in millimeters and enter the result into the computer. (1 inch=2.54mm)

SET (KM/H)/(M/H)

After circumference setting, it enters to (km/h) or (m/h) setting mode. Press the UP button to select the km/h or m/h. Press the SET button to confirm and enter ODO SET mode.

SET ODOMETER

press UP button to adjust the flashing. ODO record. Press SET button to advance. The default number is 0000 (range: 0~9999kms/miles). when the ODO setting is finished, press SET button to RAT mode.

SET RAT

When in RAT mode, press UP button to adjust press SET button to advance. the default number is 00:00:00 (range: 0~9999Hrs). when the RAT setting is finished, press SET button to DISPLAY mode.

SET TM UP AND TRIP UP

When in DISPLAY mode, press MODE button enter to TM UP AND TRIP UP mode press SET button for 3 seconds to enter into TM UP AND TRIP UP SET mode. Press UP button to adjust, press SET button to advance. The TM UP default number is 00:00:00 (range: 0~99.59.59Hrs). the TRIP UP default number is 000.0 (range: 000.0~999.9kms/miles). Press "SET" back to TM UP AND TRIP UP mode

SET TM DOWN AND TRIP DOWN

When TM UP AND TRIP UP mode, press SET button to enter into TM DN AND TRIP DN mode. Press SET button for 3 seconds to enter into TM DN AND TRIP DN SET. Press UP button to adjust, press SET button to advance. The TM DN default number is 00:00:00 (range: 0~99.59.59Hrs). the TRIP DN default is 000.0 (range: 0~999.9kms/miles). Press SET back to TM DN AND TRIP DN MODE.

RETURN TO FACTORY SETTING

in any mode, press SET and UP button for 5 seconds, clear all the data except CLOCK. Put off the battery will clear all the datas and return to factory setting.

FUNCTION

SPD

Speed is shown all the time on the screen, its maximum reading is 99.9 km/h(m/h), and it's accurate to +/- 0.1km(m/n).

SPD CONTACT

During riding, 'H' and 'L' indicates the current speed is higher or lower than average speed (AVS).

ODO

In ODO mode, the total distance is indicated on the screen, its mileage range is 0.00~9999km(m). The display will be back to 0 when value exceeds its maximum limit.

DST

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

MAX SPD

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

AVS

In AVS mode, average speed is indicated on the bottom line.

TM

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

TTM

All riding time. TTM ranges 0:00:00~9999hr.

RAT

Total elapsed time. RAT ranges 0:00:00~9999hr.

STOPWATCH

In DST or ODO mode, Press SET button, STOPWATCH appears. Start stopwatch with UP button, press UP button again and the watch stops, with another UP button it starts again. Press SET button again, the watch goes to zero.

SLEEP MODE

If no signal has been inputted for 300 seconds, computer will enter into Sleep Mode automatically, but CLK remains. It will turn back to the former mode with all the data collected when any signal is inputted or any buttons is pressed.

BACK LIGHT

The backlight function is switched on when you press any buttons during PM: 17:00~AM 08:00, and switch off automatically in seconds. It will not work at any other time.

TEMPERATURE

The range for the temperature is as follows: -20C~70C or -4F~158F

OVER-SPEED REMINDER

When the SPD>20KM/H, the SPD will be shining; when the speed<20KM/H, it will stop.

MAINTENANCE ALERT

When the ODO>500KM, the will be shining, press both UP and MODE at same time, it will clear.

CARE REMINDER

When the ODO>300KM, the will be shining, press both SET and MODE at same time will clear.

FREEZE FRAME MEMORY

Press the UP button in any MODE (Except STOPWATCH mode) will enter into freeze frame memory mode. Flashing TM data will appear on the screen, the display will show the records of DST, TTM or TM, SPD. Go on press the UP button will exit this mode.

CLEAR FUNCTION

Long press the up button for 3 seconds at any mode, except the stopwatch, can clear the DST TM AVS and MAX.

MALFUNCTIONS AND PROBLEMS

KMH NO DISPLAY

a. Improper magnet/sensor alignment

Inaccurate value is indicated

A. Improperly input, such as wheel circumference.

Slow display response

a. Temperature exceeds operating limits (0C~55C).

Black display

a. Temperature too high, or display exposed to direct sunlight for too long.

Display readout fades

a. Poor battery contact or dead battery

Display shows irregular figures

a. Take out battery and re-install it after 10 seconds.

Abnormal sound when shaking computer

a. Rolling Ball switch voice/ shaking the computer in sleep mode, computer auto wake-up.