

15 function cycle computer

Instruction Manual

FUNCTIONS

- SPD** CURRENT SPEED
- ODO** ODOMETER (0.001~99999km/m)
- DST** TRIP DISTANCE
- MXS** MAXIMUM SPEED
- AVS** AVERAGE SPEED
- TM** ELAPSED TIME
- CLK** CLOCK (12H/24H)
- SCAN**

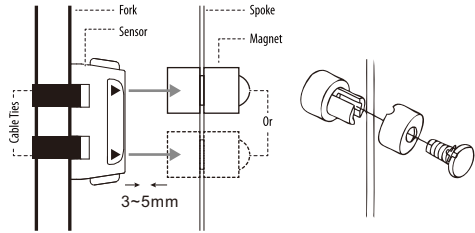
“-” “+” COMPARATOR

- SETTING SPEED SCALE** (km/h, m/h)
- SETTING TYRE CIRCUMFERENCE** (0mm~9999mm)
- SETTING THE LAST VALUE OF ODOMETER/ODO**
- MAINTENANCE ALERT**
- FREEZE FRAME MEMORY**
- AUTO ON/OFF**

Computer Battery Installation

Remove the battery cover from the bottom of the computer by using a flat blade screwdriver, install 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.

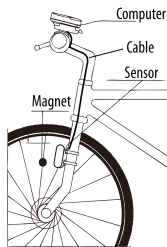
Speedometer Sensor



Attach the sensor transmitter to either front fork using the supplied cable ties. Fit the magnet to a spoke using the diagram above as a guide. Position the sensor & magnet as shown above. Take care to align the magnet to either arrow on the sensor with 3-5 mm gap in between.

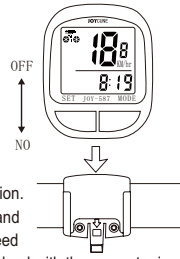
Sensor Wiring

Route the sensor wire up the fork blade, using the cable ties to secure it. Make sure it does not hinder the movement of the front wheel.



Mounting Shoe

Attach the mounting shoe with the cable ties to the handlebars as shown in the diagram.

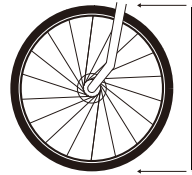


Computer

Attach the computer to the mounting shoe by sliding the unit until it snaps firmly into position. To remove, press down on the release catch, and remove the computer. To check for proper speed function and sensor alignment, spin the front wheel with the computer in speed mode. Adjust the position of sensor and magnet if there is on or weak signal.

Wheel Size Input

'2060' appears on the screen when the battery has been installed, with one figure flashing enter the wheel circumference using the formula below.



TYRE DIAMETER IN MM x 3.14 = CIRCUMFERENCE
 EG:- Wheel 686mm diameter
 Calculate 686 x 3.14 = **2154.04**
Enter first 4 digits '2154'

In the example above you would enter **2198**. Press the **RIGHT** button to advance the digits as needed and the **LEFT** button to confirm and advance. (The circumference ranges 0mm~9999mm), press the **LEFT** button to enter **KM/M** mode.

Setting(km/h)/(m/h)

Press the **RIGHT** button to choose **km/h** or **m/h**. Press the **LEFT** button to enter **CLOCK** mode.



Setting Maintenance alert

While the default Maintenance Alert digit **200**km/m is flashing, Press the **RIGHT** button to choose **200/400/600/800** km/m. Press the left button to confirm and enter into **Clock mode**. (when the **ODO** the Maintenance Alert digit you set, the will appear on the screen to alert the rider, press the **RIGHT** button **3** seconds to cancel it.)



CLK Mode(12H/24H)

In **CLOCK** Mode, press the **LEFT** button for **3** seconds to enter **12/24H** selection. Press once more to swap between **12/24** hours. Press the **RIGHT** button to enter the Hour mode, when the figure indicating **HOUR** starts to flash, press the **LEFT** button to adjust it. Continue to press the **RIGHT** button to enter the Minute mode, when the figure indicating **MINUTE** starts to flash, press the **LEFT** button to adjust. Press the **RIGHT** button to confirm & press the **RIGHT** button again to switch to **ODO** mode.



Setting the Last value of Odometer

In **ODO** mode, press the **LEFT** button for **2** seconds to set the **ODO** value. The initial value is **0000.0**. when one figure flashes, press the **RIGHT** button to adjust it, and the **LEFT** button to confirm and start to set the next figure. NOTE: Before re-installing the battery, take a note of your mileage and then re-enter the value once the battery is replaced.



Reset of Mileage Parameter

In **ODO** mode, press and hold both the **RIGHT** and **LEFT** buttons simultaneously for **3** seconds to clear the tyre circumference and (km/m) settings. The clock settings will remain unchanged.

Speedometer

Speed is shown at all times on-screen, its maximum reading is **99.9**km/h(m/h), and is accurate to ± 0.1 km/h (m/h).

Speed Comparator

During riding, '+' and '-' indicates the current speed is higher or lower than the average speed (**AVS**).

Odometer

In **ODO** mode, the total distance is indicated on-screen. The mileage range is **0.001~99999** km(m). The display will return to **0** when the 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 bottom line. **DST** ranges from **0~9999** km(m). When the value exceed the range limit, it resets to **0** automatically. Both the time and the distance records will be cleared when the time of one trip exceed the range limits. Press the **LEFT** button for **5** seconds to clear the records of **DST**, **MXS**, **AVS** and **TM**.



Press the **RIGHT** button to enter **MXS** mode.

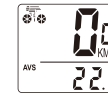
Maximum Speed (MXS)

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**.



Average Speed

In **AVS** mode, average speed is indicated on the bottom line. Press the **LEFT** button for **5** seconds to clear the records of **AVS**, **DST**, **MXS** and **TM**. Press the right button to enter **TM** mode.



Trip Time

In **TM** mode, trip time is indicated on the bottom line. **TM** ranges from **0:00:00** to **99:59:59**, and will be reset to **0** when the value exceed the limit.

Press the **LEFT** button for **5** seconds to clear the records of **TM**, **DST**, **MXS** and **AVS**. Press the **RIGHT** button to enter **SCAN** mode.



Scan

In **SCAN** mode, **DST**, **MXS**, **AVS** and **TM** modes are indicated in turn every **4** seconds. Press the **RIGHT** button to enter **CLOCK** Mode.



Sleep Mode

If no signal has been received for **300** seconds, the computer will enter into Sleep Mode, the **CLK** value remains stored. It will turn back to the previous mode with all the data collected when the signal is received again or any button is pressed.

Freeze Frame Memory

Press the **LEFT** button at any time 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**, **MXS**, **AVS** and **TM**.

Button Instruction

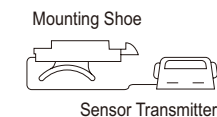
Press the **RIGHT** button to choose any mode below : **ODO**, **DST**, **MXS**, **AVS**, **TM**, **SCAN** (**DST**, **MXS**, **AVS** & **TM**) and **CLOCK**. It is not necessary to press the **LEFT** button except to select the Freeze frame Memory mode.

In Freeze Frame Memory mode, press the **RIGHT** button, data will be displayed, press **LEFT** button once more to return back to other modes.

Malfunctions and Problems

Malfunction	Problems
No speedometer	Incorrect magnet / sensor alignment.
Inaccurate value is indicated	Improper input, such as wheel circumference.
Slow display response	Temperature exceeds operating limits (0°C~55°C).
Black display	Temperature too high, or placed in direct sunlight for too long. Let the unit cool down.
Weak display	Poor battery contact or dead battery.
Display shows irregular figures	Take out battery and re-install after 10 seconds.

Accessories



Model	548B	581A
Battery	AG13	AG10
	1.5V	



Cable Ties