imperii Odometer with 14 Functions Instruction Manual

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Contents

FUNCTIONS

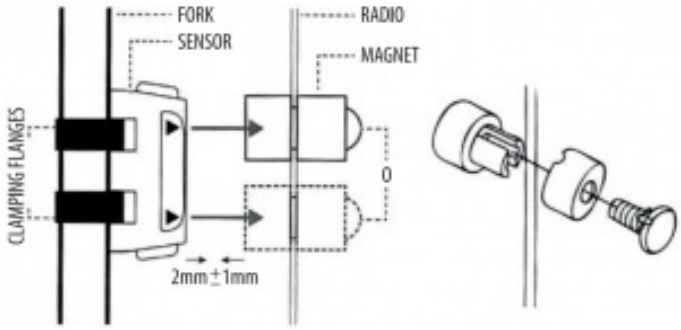
SPD	Current speed
ODO	Odometer
DST	Travel Distance
MXS	Maximum speed
AVS	Average speed
TM	Time elapsed
CLK	Clock (12H / 24H)
SCAN	Exploration
“+”“-”	Comparator
SPEED SCALE ADJUSTMENT:	(km/h, m/h)
ADJUSTING THE WHEEL CIRCUMFERENCE:	(0 mm – 9999 mm)
STORED INFORMATION	AUTO ON/OFF

INSTALLING THE BATIERY

Remove the battery cover on the odometer base using a flathead screwdriver and place an AG13 battery with the positive(+) pole pointing toward the cover and reseal. If the LCD shows abnormal symbols, remove the battery and reinstall it.

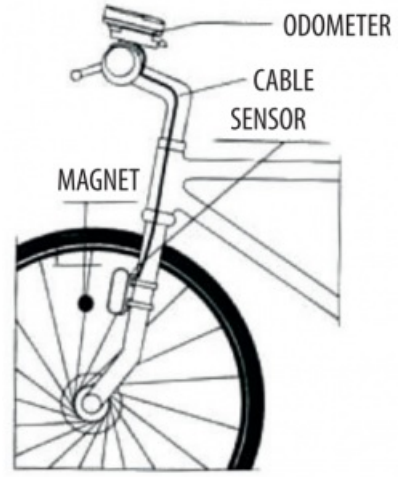
Speedometer Sensor

Attach the drive sensor to either side of the fork using the provided clamping flanges. Place the magnet on one of the spokes following the instructions in the previous diagram. The position of the sensor and the magnet must be as shown in the drawing. Be careful to align the magnet and sensor, leaving between 1 and 2 m m between them.



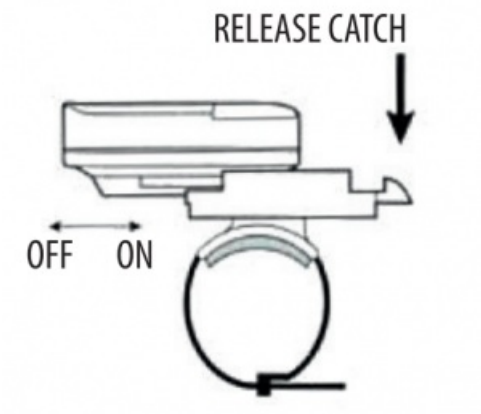
Sensor Wiring

Fix the cable around the fork using the retaining clips to secure it. Make sure that this procedure does not limit the movements of the front wheel. {See image)



Mounting shoe

Secure the mounting shoe to the handlebar using the mounting flanges In the positron shown In the drawing.



Odometer

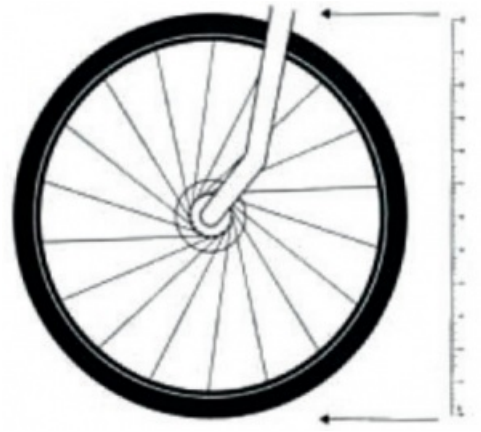
Place the odometer on the mounting shoe by sliding it over the surface until a click is heard and the device is firmly fitted to the shoe. To check the correct functioning of the speedometer and the alignment of the sensor, rotate the front wheel with the odometer in speedometer mode. Adjust the position of the sensor and the magnet if there is no signal or it is very weak.

Adjusting the wheel size

‘2060’ will appear on the display when the battery has been installed. When the figure is blinking, enter the wheel circumference using the following formula:

WHEEL DIAMETER IN MM x 3.14 = CIRCUMFERENCE

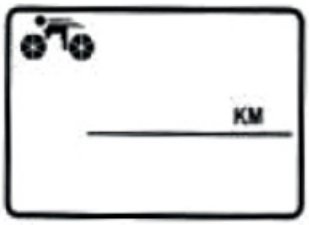
Ex: If the diameter of the wheel is 686 mm, calculate 868 x 114 = 2154.04 and enter the first 4 digits ‘1154’.



Following the example above, enter the number ‘2154’ on the speedometer. Press the **RIGHT** button to increase the value of the digits and the **LEFT** button when you want to confirm the figure and keep moving forward. (Range of circumference O mm – 9999 mm). Press the LEFT button to enter the **KM**/**M** mode.

Selection (km/h)/ (m l h)

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



CLK mode (12h / 24h)

In the **CLOCK** mode, press the **LEFT** button for 3 seconds to enter the 12h / 24h selection. Press again to change the selection between 12h and 24h. Press the **RIGHT** button to enter the **TIME** mode. When the **TIME** signal is flashing, press the **LEFT** button to adjust it.
In the **CLOCK** mode, press the **LEFT** button for 3 seconds to enter the 12h / 24h selection. Press again to change the selection between 12h and 24h. Press the **RIGHT** button to enter the **TIME** mode. When the **TIME** signal is flashing, press the LEFT button to adjust it.

Setting the last odometer setting

In the **ODO** mode, press the **LEFT** button for 2 seconds to select the **ODO** value. The initial value will be **0000.0.**

When a number flashes, press the **RIGHT** button to adjust it and **LEFT** to confirm and move to the next digit.
NOTE: Before re-installing the battery, note the number recorded on the odometer to restore it once the new battery has been placed.

Reset Mileage

In the **ODO** mode, press the **LEFT** and **RIGHT** buttons simultaneously for 3 seconds to reset the wheel circumference and km/ m values. The clock settings will not be changed with this operation.

Speedometer

The speed will be displayed at all times on the screen with a maximum of 99.8 km/h and an accuracy of+/- 0.1 km/h (m / h).

Speed comparator

During the reading, the'+' and'-' indicators will inform you if the speed you maintain is higher or lower than the average speed (AVS).

Odometer

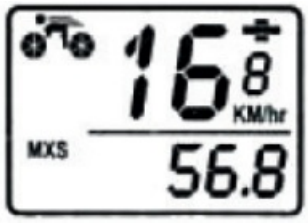
In **ODO** mode, the total distance on the display will be displayed. The mileage runs in a range of 0.001 – 99999 km (m).
The display will return to 0 when the recorded value exceeds the allowed limit. Press the **RIGHT** button to enter the **DST** mode

Travel distance

In **DST** mode the distance of the crossing will be displayed on the screen. The **DST** operates in a range between 0 – 9999 km (m).
When the value exceeds the allowed limit, it will be set to 0 automatically. Both the time and distance recorded will be reset once these figures have exceeded the allowed limit. Press the **LEFT** button for 5 seconds to reset the **DST, MXS, AVS** and **TM.** Press the **RIGHT** button to enter the **MX** mode.

Maximum speed

The **MXS** mode will indicate the maximum speed at the bottom of the screen. Press the **LEFT** button for 5 seconds to clear the **MXS, DST, AVS** and **TM** records.
Press the **RIGHT** button to enter the **AVS** mode.



Average speed

The **AVS** mode will display the speed on the bottom line of the display. Press the **LEFT** button for 5 seconds to delete the **AVS, DST, MXS** and **TM** records.
Press the **RIGHT** button to enter the **TM** mode.

Elapsed time mode

Within the **TM** mode the elapsed time values on the bottom line will be displayed
Press the **LEFT** button for 5 seconds to clear **TM, DST, MXS** and **AVS** records.
Press the **RIGHT** button to enter the SCAN **mode.**

Scan

In the **SCAN** mode, the **DST, MXS, AVS** and **TM** values will alternate on the display alternately every 4 seconds.
Press the **RIGHT** button to enter the **CLK** mode.

Sleep Mode

If no signal is recorded within 300 seconds, the odometer will enter sleep mode and the **CLK** values will remain intact.
The odometer will be reactivated with all data collected once it receives signal again or any of the buttons are pressed.

Information stored

Press the **LEFT** button to access the information stored in the device. The **TM** number will flash in the display. Press the **RIGHT** button to access the saved **DST, MXS, AVS** and **TM** data. Press the **LEFT** button to cancel.

Instruction button

Press the **RIGHT** button to enter any of the following modes: **ODO, DST, MXS, AVS, TM, SCAN (DST, MXS, AVS** and **TM)** or **CLOCK.** It is not necessary to press the **LEFT** button, except to select the mode for reading the stored information.
Within the memorized information mode, press the RIGHT button to display the data and **LEFT** to return to the other modes menu.

Faulty operation and problem

FAULTY OPERATION	**PIOBLEM**
No speedometer registration	Incorrect alignment of the magnet and sensor
The Values given are not accurate	Information entered incorrect (eg Wheel circumference)
Slow display response operating	Temperature exceeds accepted limits (0° C – 55° C)
Black screen	The temperature is too high or the device has been expose d too long in sunlight. wait for it to cool down.
Signs on the screen weak	The battery does not make good contact or is about to swit ch off
Display shows abnormal symbols	Remove the battery and replace it after 10 seconds

Accessories

TECHNICAL SERVICE: http:/lwww.imperiielectronics.com/contactenos

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