

# **Wireless Bicycle Computer**

## **Quick Start Guide**

### **KHBICSPDMTR**

Using the wireless bicycle computer, you can measure your speed and distance travelled with a great degree of accuracy.

#### **Product Checklist**

The following items are included:

- 1 x Digital Readout Computer
- 1 x CR2032 Battery
- 1 x Magnet
- 1 x Gauge Stand
- 1 x Sensor Ziplock Bands



#### **GETTING STARTED**

1. Remove the battery cover from the back of the digital readout computer and insert a CR2032 battery (not supplied) into the case, in accordance with the correct polarity. Remove the battery cover from the wireless sensor and put a 23A 12V battery (not supplied) into the battery compartment, in accordance with the correct polarity.
2. Install the sensor onto the front tyre fork of your bicycle by threading the ziplocks through the gaps at the back of the sensor. Ensure it is placed so that the sensor is pointing outwards. The sensor can also be underlaid with the adhesive backup plate to position it correctly.
3. Unscrew the end of the magnet and wrap it around a spoke on your tyre. Position it to ensure it will pass by the sensor. The magnet must face the sensor, and the two objects should pass each other, with a distance of approximately 1mm between them. Adjust the relative locations of the sensor and magnet if necessary.
4. The gauge stand can be fastened to the handlebars via the ziplock straps being threaded through the back of the stand (between the gauge and the handlebar barrier). Ensure that when you attach it, the small plastic hook is at the bottom, as the Digital Readout Computer slots in above this.
5. Slot the computer into the top of the gauge stand and press down until it clicks into place. To remove, simply apply slight pressure to the small plastic hook at the bottom of the computer and slide it upwards.
6. Turn the front wheel until the magnet passes the sensor. Check the screen to confirm that you have a signal. If there is no signal or the computer has not reacted, please check the relative locations of the sensor and magnet, plus confirm that both units have functioning batteries inserted correctly. You now have your speedometer installed and are ready to configure and use it!

## **SETTING THE WHEEL CYCLE**

Once the battery has been installed, the screen will display '2060', with one of the numbers flashing. Select the exact cycle of your bike according to the following list. Push the right key to change the number, then press left key to confirm your selection. Set from right to left; selectable values range from 0mm to 9999mm.

You may make your own measurements using the following method: first, make a mark on the wheel, then push the bicycle to the end of one full cycle. In doing so, you will be able to measure out the distance between two marks and set the wheel cycle accordingly. eg. If the measurement is 1.615 m, then input 1615.

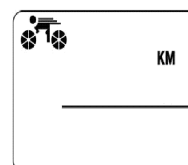
Continuing to press the left key will enable the KM / Mile Mode setting.

TIRE SIZE	CIRC	TIRE SIZE	Perimeter
700c x 38mm	2170	26" x 2.125"	2133
700c x 35mm	2205	26" x 2.0"	2114
700c x 28mm	2149	26" x 1.9"	2089
700c x 23mm	2133	26" x 1.75"	2035
700c x 20mm	2114	26" x 1.6"	2051
650c x 20mm	1945	26" x 1.5"	2026
29" x 2.25"	2390	26" x 1.0"	1973
29" x 2.0"	2336	24" x 1.75"	1907
28" x 1.75"	2268	20" x 2.0"	1550
28" x 1.5"	2224	20" x 1.5"	1500
27" x 1 1/4"	2199	20" x 1.25"	1465
27" x 1 1/8"	2174	18" x 1.5"	1350
26" x 2.3"	2135	16" x 1.75"	1230
26" x 2.25"	2115	16" x 1.35"	1160

### *Selecting the KM/hr or M/hr*

Press right key to choose KM /hr or Mile/hr mode.

Press the left key to enter into the Maintain Reminder mode.



### *Maintain Reminder Functions*

Press right key to choose KM /hr or Mile/hr mode. Press the left key to enter into the Maintain Reminder mode. The default value is: 200(KM/M). Press the right key to select between 200、400、600、800(KM/M). When the numerical value reaches to the setting value, the spanner sign will be flashing. Press the right key for 3 seconds to cancel it.



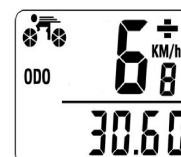
## **SETTING THE CLOCK**

In Clock mode, press the “Left key” for 3 seconds to enter the 12/24 hr time settings. Press the left key to alternate between 12/24hr time, press the right key to confirm a selection. When the hour value begins to flash, press the left key to change it, then press the right key to confirm your selection. Press the right key to enter into the Odometer mode.



## **SETTING THE ODO (ODOMETER)**

The ODO ranges from 0~99999 (KM/M). It will be automatically cleared when the value overruns the maximum number. Whilst in the ODO mode, press the left key for 3 seconds to enter the settings. The default number will be 0000.0. Press the right key to change the number, then press left button to confirm the selection. Press the right key to enter into the DST mode.



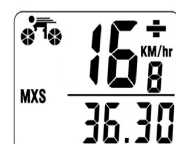
## **(DST) DISTANCE OF TRIP**

This mode focuses upon recording the distance of a single trip (TM). Distance records range from 0.001~9999 (KM/Hr). Records will be automatically cleared when the value overruns the maximum number. Whilst in DST mode, press the left key for 3 seconds – the DST value will be altered to read ‘0’, as well as the value of MXS、AVS、TM. Press the right key to enter into (MXS) mode.



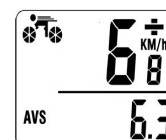
## **(MXS) MAXIMUM SPEED**

While in MXS Mode, press the left key for 3 seconds, MXS value will revert to “0”, as well as the value of DST、AVS、TM. Press the right key to enter into (AVS) mode.



## **(AVS) AVERAGE SPEED**

While in AVS mode, press the left key for 3 seconds. AVS values will revert to ‘0’, as well as the value of DST、MXS、TM. Press the right key to enter the (TM) mode.



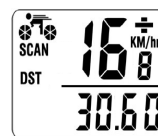
## **(TM) ELAPSED TIME**

This mode shows the accumulative total time from the last reset time. Records range from 0:00:00 ~ 99:59:59. Records will revert to “0” when the value overruns the max number. Meanwhile DST, MAX and AVS records will be cleared too. While in TM mode, press the left key for 3 seconds. TM records will be cleared, as well as DST、MXS、AVS values. Press the right key to enter into (SCAN) Mode.



### **(SCAN)**

In this mode, the screen will display DST、MXS、AVS、TM in sequence.



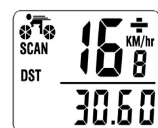
### **AUTO OFF – ENERGY SAVING**

After 300 seconds no signal input, the computer/the screen will revert to its 'OFF' state with only the clock visible on the display. You may return the device to normal operation by pressing any key.



### **CURRENT SPEED**

This value will always be displayed on-screen. Speed values will range from 0~99.9 KM/h(M/h).



### **“+” AND “-” COMPARATOR**

“+” or “-” will display on the screen in the upper right corner. “+” will indicate when the current speed is higher than average speed recorded, whereas “-” will indicate when the current speed is slower than average speed recorded

### **SAMPLING CYCLING MODE**

While in any mode, sampling mode will be initiated when you press the left key. The screen will display the time of the ride (TM). Press the right key to scan the value you have sampled: (DST) - (TM) - (AVS) - (MXS). Press the left key to exist Sampling mode.

### **RESET ALL THE VALUES**

Press the left and right key simultaneously for three seconds to clear and reset all the values.

### **USING THE TWO KEYS**

Press the right key to select the following: ODO、DST、MXS、AVS、TM、SCAN、Clock.

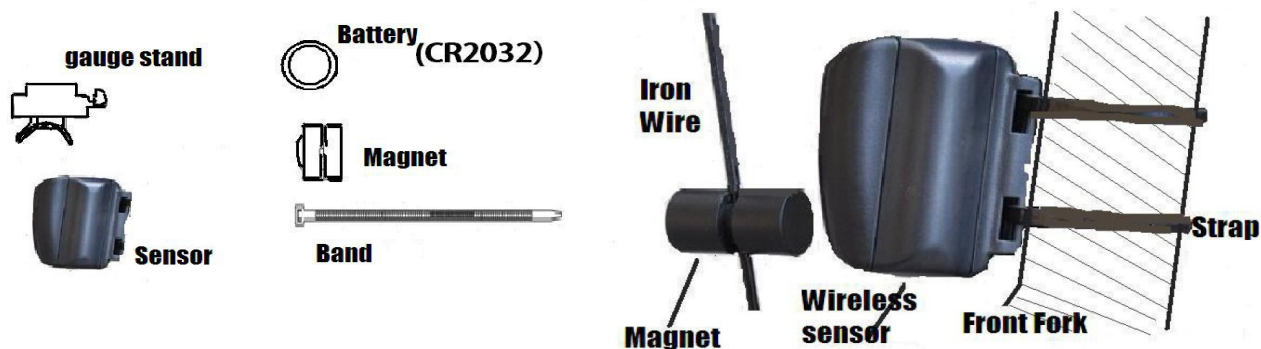
All of the modes, with the exception of Sampling Mode, do not make use of the left key. When you enter into the Sampling Mode, it can show several sampled values via use of the right key.

Press the left key again to exit Sampling Mode.

## **TROUBLESHOOTING**

<b>Malfunction</b>	<b>Reasons</b>
The speed value won't increase from '0'	Incorrect location the installation of Magnet and Sensor.
The numbers displayed are incorrect	Incorrect parameters in setup, eg. the perimeter of the bicycle wheel
Slow Reaction	The computer is working in temperatures below zero degrees.
Blank Screen	The display has been exposed to extreme sunlight. Attempt to use the computer in shady environments.
Dark display	The battery has not been installed properly or, alternatively, the battery has been drained. Please reinstall or replace the battery.
No drawing on screen	Remove and replace the battery.

## **ACCESSORIES**



## **WARNINGS / DISCLAIMERS**

- Do not expose this device to extreme moisture or sunlight. Doing so will affect normal operation and, in some extreme cases, endanger the user.
- Do not disassemble the product.
- Any misuse of the product will void warranty. In the event of product misuse, Kogan will not be responsible for damage or injury if applicable.
- If you believe the computer has malfunctioned or requires repair, please refrain from attempting to repair it yourself. Refer all servicing matters to qualified personnel, or contact the Kogan Customer Support Team.