

OPERATING PROCEDURES

WHEEL SIZE INPUT

Your new CycloComputer has a new battery installed. Your display should show **M/HR** on the far right side. If it does not, press and hold the two front buttons on the front of your CycloComputer for 2 seconds. This will **reset all display segments** and return your CycloComputer, to the "M/HR" mode. (If you wish to set your Computer in **KM/HR**, press the left button followed by the right button.) Press the right button to enter the "wheel size mode". You should now see **2124 (millimeters)** with the 4 "blinking". You are now in the wheel size selection mode. You have three (3) options to achieve the correct information to determine the millimeters for your "wheel size input". **NOTE:** To change your wheel size at anytime without changing any data already stored in your computer, go to the 12 hour clock mode and follow those instructions.

1.) Multiply the diameter of your wheel (outside tread to outside tread) in millimeters by (π) 3.1416 to determine the wheel factor.

or

2.) For an even more accurate calculation, fill the tires to their recommended air pressure. Mark your tire and the ground with chalk and with your weight on the bike, make one full revolution of the tire. Mark the ground and measure the distance between the two marks in inches and multiply by 25.4 to arrive at millimeters.

or

3.) You may also use the limited chart shown here with standard wheel sizes:

12"----- 958	22"----- 1756	700x25c----- 2124
16"----- 1277	24"----- 1915	700x38c----- 2170
20"----- 1596	26"----- 2075	

Now, to enter the "millimeters", press Right button to adjust the blinking 4 to the desired number, then press the Left button to select the next digit (blinking) to be adjusted. Use the Right button to adjust the digit to the desired number. After entering correct size, press the Left button to "set" your computer. Your CycloComputer now automatically switches to the **Current Speed (SPD)** mode and is ready for use.

FUNCTIONS

Over/Under Average Speed

The Over/Under Average Speed is indicated by an arrow, either; **▲** or; **▼**. These arrows are located in the upper right corner of the display and will always be on. The arrow is telling you if your current speed is above or below your average speed. **NOTE:** The calculation of this function does not occur on every pulse from the wheel.

Current Speed

The Current Speed mode is indicated by the initials "SPD" in the upper left hand corner of the display. Your CycloComputer has a speed range of 2.5 to 99.5 miles per hour with an accuracy of ± 0.5 miles per hour. The resolution of the display is 0.1 miles per hour. Instantaneous speed will be updated and displayed every 1-2 seconds. Press the Right button to move into next mode.

Trip Meter

The Trip Meter mode (0.0) is indicated by "DST" in the lower left side of the display and "M" (or KM) in the upper right side of the display. The Trip Meter is automatically activated with speedometer input. You may reset to 0 by pressing and **holding** the Left button for 2 seconds. Please note: Average speed and Ride Time will also be reset to 0 at this time. Press the Right button to move into the next mode.

Timer

The Ride Time mode is indicated by 00:00 and "RTM" in the middle left of the display. This function is an auto start/stop in conjunction with the motion of the front wheel. Your CycloComputer will time up to 9 hours, 59 minutes and 59 seconds, then recycle to 0. Once the ride time passes the first hour, the left two digits will then represent hours and the right two digits represent minutes. You may reset to 0 by first pressing and **holding** the Left button for 2 seconds. Trip Meter and Average Speed will also be re-set to 0. Press the Right button to move into the next mode.

Average Speed

The Average Speed mode is indicated by "AVS". If your CycloComputer is set in miles, then the upper right corner of the display will show "M/HR". The Average Speed will be updated when Speed is updated. You may reset to 0 by pressing and **holding** the Left button for 2 seconds. Ride Time and Trip Meter will also be reset to 0. Press the Right button to enter the next mode.

12 Hour Clock

The 12 hour clock is "real time". It is indicated with a clock symbol in the upper middle of the display. When your time of day moves beyond 12:00 noon, a "PM" symbol joins the clock symbol. To set your current time of day, be sure you have the clock mode showing. Hold the left button for 2 seconds, the hour will then blink. You may change your hour by pressing the right hand button. Press the left button so that the minutes are blinking. *Continued next column.*

12 Hour Clock (cont.)

You then set the minutes by pressing the right button. You can hold the right button for "fast forwarding". When you have the correct time, press the left button to **set** the clock. Your computer will now show you the millimeter setting for your wheel. If you do not wish to change that at this time, simply press the left button until your Current Speed appears. If you wish to change your wheel size, you may do so without changing any data already stored in your computer.

Maximum Speed

The Maximum Speed mode is indicated in the middle left by "MXS". If your CycloComputer is set in miles, then the upper right corner of the display will show "M/HR" (KM/HR). This mode will display the maximum speed reached until reset to 0. You may reset to 0 by first pressing and **holding** the Left button then press the Right button. Press the Right button to enter the next mode.

Odometer

Your total distance traveled since the initial setting (i.e. battery replacement or pushing of the "ALL CLEAR" button) of your CycloComputer, is displayed with "ODO" in the lower left and indicated by the "M" (or KM) in the upper right of the display. Your distance is displayed in "M" (miles) or "KM" (kilometers). Press the Right button to move into the Current Speed mode. To reset your Odometer to 0.0, either remove the battery or press the front two buttons for 2 seconds of your CycloComputer. This will reset your Computer.

TROUBLE SHOOTING

No Speed Reading-	Improper magnet/sensor alignment.
Slow Display Response -	Temperature outside of operating limits. Temp range is 32° to 131° (F).
Black Display -	Temperature too hot or display exposed to direct sunlight too long.
Display Readout Fades -	Poor battery contacts or dead battery.
No Trip Meter Reading -	Check correct sensor/magnet alignment.
	Check battery and correct installation.
Display Shows Irregular Figures -	Press the two front buttons for 2 seconds to restart.

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