VETTA

CYCLE COMPUTER

INSTRUCTION MANUAL

VETTA CYCLE COMPUTER

- Instantaneous speedometer accurate within 0.5 mile or kilometer per hour • Clock with AM/PM indicator • Double display LCD readout • 999.9 mile Tripmeter • 9999.9 mile Odometer • 99 hour, 59 minute, 59 second Stopwatch with 0.1 resolution in first hour • Wheel size input

Battery Installation

Remove battery covers from the bottom of the unit. Install both batteries with the positive (+) pole facing the battery cover and replace covers. Do not OVERTIGHTEN!
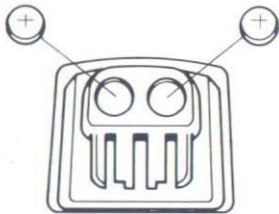
Wheel size input

For most accurate speedometer readings you must input the wheel size factor of your bicycle in millimeters. Multiply wheel radius by 3.9042 (for MPH) or 6.2832 (for KPH) to derive wheel size factor

meas. circumference!

input. (NOTE: 1" = 25.4mm)

Input factor by pushing the MODE key until ODO appears on the readout. Press SET key for two seconds. Mode key will now select digit to input (hold for fast ad-

vance) and the SET key will adjust digit to desired number. When input is complete, push MODE key to enter.

For convenience you can refer to this chart of wheel size factor inputs.

÷ 1.609344, 10 cm der

Native

| Wheel	MPH	KPH
20"	992	1596
22"	1093	1759
24"	1191	1916
26"	1288	2073
w/tire		
700 x 25c	1320	2124
27 x 1"	1327	2136
27 x 1¼"	1339	2155

R
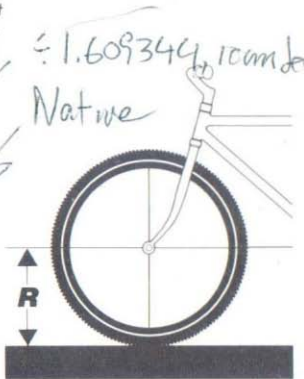
Clock Setting

Press mode key in any operating mode position for two seconds. Computer lower display will show clock time with flashing second colons. To adjust clock time, press set key for two seconds. Adjust flashing hour digits together with AM/PM indicator by mode key and set digits by set key. Use mode key to adjust minute digits (hold to fast advance) and set key to set. After completing the clock to your local time, exit clock mode by pressing mode key setting.

MPH/KPH Preset

You can preset the speedometer to readout in Miles or Kilometers per hour by pressing the SET key. When the appropriate selection appears on the readout, press the MODE key to enter. Resetting the MPH/KPH selector requires removal and replacement of the batteries to clear the computer's internal memory.
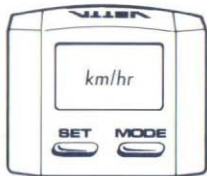

Speedometer Magnet

Clamp magnet assembly to the left side, front wheel spokes with the screw provided. Overtightening the screw can strip the threads or crack the magnet assembly, so use caution. **Fig 1**
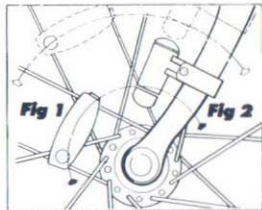
Speedometer Sensor

The speedometer sensor bracket attaches to the left fork blade, using 1 or 2mm rubber shims to adjust to the diameter of the fork. **Fig 2**

Position the sensor and magnet as shown, making sure that the arc of the magnet intersects the sensor with 1mm of clearance. **Fig. 3**

Fig 1

Fig 2

1-2mm

Fig. 3
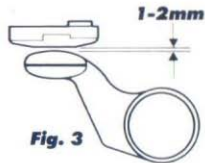
Wiring

Route the sensor wire up the fork blade, using tie wraps to secure it at the bottom and crown. Wire must not hang loosely. Leaving enough slack to allow free movement of the front wheel, route the remaining wire around the front brake cable and to the computer. Excess wire should be carefully looped and secured to the stem with a tie wrap.
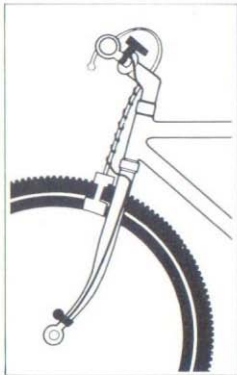
Mounting Shoe

Attach the mounting shoe to the left handlebar using the bracket screw provided. Rubber shim strips are also included for small diameter bars. **Fig. 4**
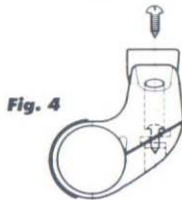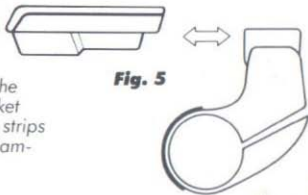
Fig. 5

Fig. 4

Computer

The Vetta Computer attaches to the mounting shoe by sliding the unit until it snaps firmly into position. This engages the electrical contacts built into the shoe and computer. To check for proper speed function, spin front wheel. **Fig. 5**

Use MODE key to select desired function.

Speedometer
Speed is shown simultaneously and continuously on the top row of the display, indicated by SPD.

$$SPD\ 188^8\ m/hr$$

Tripmeter
Trip distance is shown on the bottom row of the display, indicated by DST. Tripmeter is activated by running the stopwatch, and cannot be operated independently of the stopwatch function.

$$DST\ 888^8$$

Maximum Speed
High speed reached during each ride is displayed on the bottom row, indicated by MXS.

$$MXS\ 88^8$$

Stopwatch
The SET key stops and starts the stopwatch, indicated by STP. Accuracy of the stopwatch is within 1/10 second per hour, with a capacity of 99 hours 59 seconds. To zero the stopwatch, press the SET key for over two seconds.

$$STP\ 88'88$$

NOTE: Resetting the stopwatch erases Maximum Speed and Tripmeter memory.

Odometer
Total distance travelled is recorded and displayed on the bottom of the readout, indicated by ODO. To reset odometer to zero, remove the batteries.

ODO 8888 8

Clock
Clock appears on display when MODE key is held for two seconds. Pressing the MODE key again will return computer to previous function.

PM
88:88
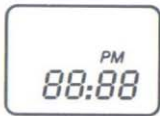
Note: Removing batteries will also erase Wheel Size Input and MPH/KPH selection.

Malfunction	Problem
No speedometer reading	Improper magnet/sensor alignment
	Broken sensor wire
	Poor computer/bracket shoe electrical contact (Wipe clean, contact cleaners will damage plastic)
Slow display response	Temperature outside of operating limits (0 to 55 degrees C.)
Black display	Temperature too hot or display exposed to direct sunlight too long
Display readout fades	Poor battery contacts or dead batteries