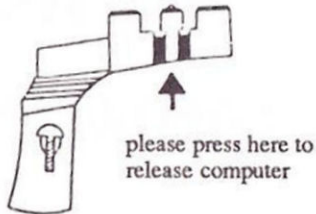


VETTA[®]

IMPORTANT

Please read the information inside before mounting and using your new **VETTA INNOVATOR C-100** Cycle Computer.

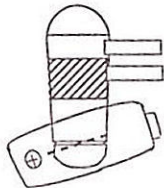
IMPORTANT



Failure to do so may cause damage to the mounting clamp and the computer cannot be securely mounted.

Please read the following for a better illustration of the correct alignment procedure of the magnet and sensor :

Fig.1



Correct Alignment

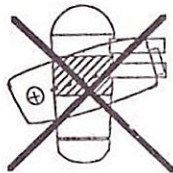


Fig.2

Incorrect Alignment

If the magnet is aligned over the centre portion of the sensor (as shaded in the figure), the display will show erratic readings indicating incorrect alignment. If this occurs, readjust the alignment of the sensor and magnet to correspond with Fig. 1.

Always start or resume riding in the speed/stopwatch mode and make sure the stopwatch is running.

NETTA

I N N O V A T O R
C-1000

OWNERS MANUAL

Big, easy-to-use buttons
with one touch reset

Giant, multi-function,
dual display LCD
readout panel

Compact,
low-profile
design

European-style,
day tripmeter
(Up to 1000 miles)

Variable wheel size
setting for accuracy

Automatically calculates
average speed

Stopwatch (9 hour,
59 minute, 59 second)



Mile Per Hour/Kilometer
Per Hour selectable

Speedometer
(Accuracy within 0.5 MPH)

Maximum speed
99.5 m/hr or km/hr.

Odometer
(9999.9 mile)

Digital clock with
AM/PM indicator

LCD auto off
feature 5 to 6 minutes.

All mounting hardware,
quick release bracket,
sensors and wiring included
(Will not damage
bicycle's finish)

FEATURES

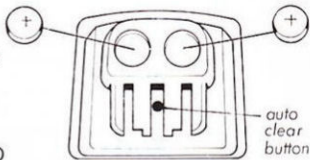
INNOVATOR
C-1000

- Instantaneous speedometer accurate within 0.5 mile or kilometer per hour
- Average Speed
- Maximum Speed
- Clock with AM/PM indicator
- Dual Display LCD readout
- 999.9 mile Day Tripmeter
- 9999.9 mile Odometer
- 9 hour, 59 minute, 59 second Stopwatch
- Auto LCD off
- MPH/KPH selection
- Wheel Size Input

P R E P A R A T I O N

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! Should the LCD show irregular figures, press the Auto Clear button on the bottom of the unit once. This will clear and restart the computer's microprocessor.



wheel size factor of your bicycle. Multiply wheel radius in millimeters by 6.2832 to determine wheel factor. (Note 1" = 25.4mm)

Wheel size input

For most accurate speedometer readings you must input the

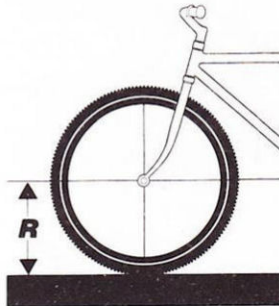
Input factor by pushing the MODE key until ODO appears on the readout. Press SET key for two seconds. Mode key will now

select digit to input (hold for fast advance) and the SET key will set digit to desired number. When input is complete, push the SET key to enter.

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

Wheel	KPH
20"	1596
22"	1759
24"	1916
26"	2073
w/tire	
700x25c	2124
27x1"	2136
27x1 1/4"	2155

Measuring the radius is silly. Just measure the rollout.



Clock Setting

Press MODE key for computer lower display to show clock. To adjust time, press SET key for 2 seconds. Adjust the flashing hour digits together with the AM/PM indicator by MODE key (hold for fast advance) and set digits by SET key. Use the MODE key to adjust minute digits and SET key to set.

MPH/KPH Selection

In the Odometer Mode you can change all readings from MPH to KPH or vice versa by pressing the SET and MODE keys simultaneously for over 2 seconds. MPH or KPH will be indicated and flashing on the display. Re-

lease keys when you have made your selection by MODE key and use SET key to enter.

(**NOTE:** If Odometer reading is in excess of 6215 miles, conversion to kilometers will erase memory and restart at zero or current Tripmeter reading.)



4

MOUNTING

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**

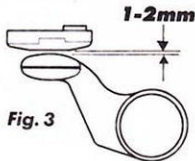
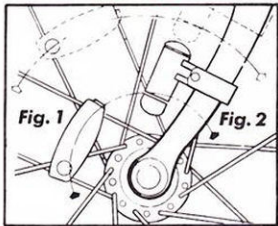
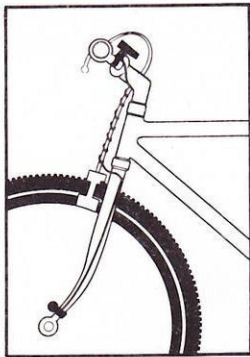


Fig. 3

5

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**

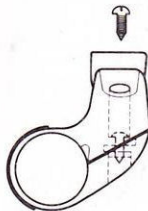


Fig. 4

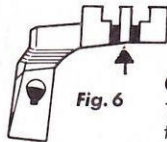


Fig. 6

Important: please press here to release computer. Failure to do so may cause damage to the mounting clamp and thereby void the guarantee. **Fig. 6**

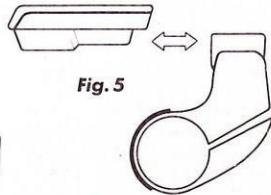


Fig. 5

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. **Fig. 5**

To check for proper speed function, spin front wheel.

R E A D O U T S

Use MODE key to select desired function.

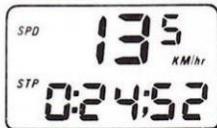
Speedometer

Instantaneous speed is shown on the top row of the display, indicated by SPD.

Stopwatch

The SET key stops and starts the Stopwatch, indicated by STP. The Stopwatch will time up to 9 hours, 59 minutes, 59 seconds. To zero the Stopwatch, press the SET key for over 2 seconds.

(**NOTE:** Resetting the Stopwatch erases Maximum Speed, Average Speed and Day Tripmeter memory.)



Average Speed

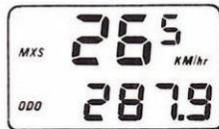
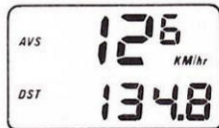
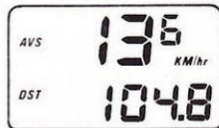
Your average speed is calculated and displayed on the upper portion of the readout, indicated by AVS. Average Speed is calculated only when the wheel is turning and the stopwatch is running.

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.

Maximum Speed

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



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.

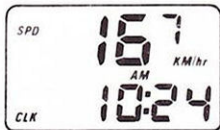
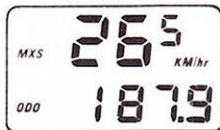
(NOTE: Removing batteries will erase Wheel Size input.)

Clock

A 12 hour digital clock appears on the lower row of the display. If the Stopwatch is running, the seconds colon will be flashing. If the Stopwatch is stopped, the colons will be fixed and not flashing.

Auto Display Off

To preserve batteries, the LCD screen will automatically blank out if unused for over 5 to 6 minutes. Display will reappear with speed input or the touch of either key.



MALFUNCTION CHECK LIST

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
No trip distance or average speed reading	Check the Stopwatch is started and running. Check correct sensor/magnet alignment.
Display shows irregular figures	Press Auto Clear button at bottom of unit to clear and restart computer.

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