



C300

W I R E L E S S

FEATURES

True wireless operation • Instantaneous speedometer accurate within 0.5 mile or kilometer per hour

59 minute, 59 second stopwatch

999.9 mile Day Tripmeter

9999 mile or Km Odometer • Maximum Speed Average

Speed • Twelve Hour Clock with flashing seconds

indicator • Auto start/stop

Lithium Battery • M/K M selection • Wheel Size Input

Large, easy-to-use buttons with one-touch reset.

Wireless operation with transponder

M or KM selectable.

Speedometer (Accuracy within 0.5 MPH/KPH)

Giant, multi-function dual display LCD readout screen.

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

Variable wheel size input for accuracy.

Automatically calculates average speed.

Stopwatch (59 minute, 59 second)



Maximum speed*

Odometer (9999 mile)

Digital clock

LCD auto off increases battery life. (3v Lithium battery included)

All mounting hardware, quick release bracket, sensors and transponder included.

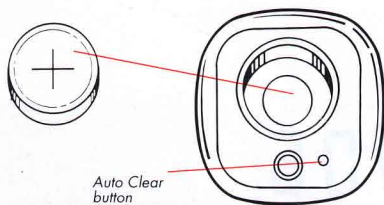
*Please note: Unknown atmospheric or RF interference may cause inaccurate readings for Maximum Speed. (If this should occur, reset trip distance by DST.)

PREPARATION

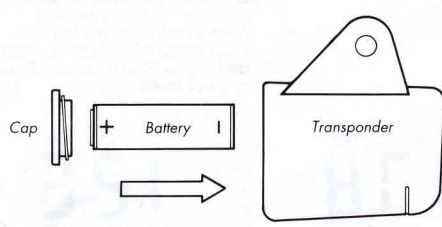
Battery Installation

Remove the battery cover from the bottom of the computer, turning it counterclockwise. Install the Lithium battery (3v/included) with the positive(+) pole facing the battery cover and replace the cover. 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.



Because the transponder unit sends radio signals to the computer, a 12v alkaline battery is used. Install it in the transponder with the positive (+) end facing the cap. Incorrectly installing the battery can damage the transponder.



Wheel Size Input

For most accurate speedometer readings you must input the wheel size factor of your bicycle. Multiply wheel radius in millimeters by 6.2832 to determine wheel factor. (Note 1" = 25.4mm)

Input factor by pushing the RIGHT key until ODO appears on the readout. Press LEFT key for two seconds. RIGHT key will now select digit to input (hold for fast advance) and the LEFT key will adjust the digit to the desired number. When input is complete, push the LEFT key to enter.

(Note: Removing batteries will erase Wheel Size input)

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

20"	1596
22"	1759
24"	1916
26"	2073
(W/tire)	
700x25c	2124
27x1"	2136
27x1 1/4"	2155
700x38	2170

Clock Setting

Press RIGHT key to click past MXS and AVS to show clock. To adjust time, press LEFT key for 2 seconds. Adjust the flashing hour digits by RIGHT key (hold for fast advance) and set digits by LEFT key. Use the RIGHT key to adjust minute digits and LEFT key to set.



MPH/KPH Selection

In the Odometer Mode you can change all readings from M to KM, or vice versa by pressing the LEFT and RIGHT keys simultaneously for over 2 seconds. M or KM will be indicated and flashing on the display. Release keys when you have made your selection and use LEFT 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.)

MOUNTING

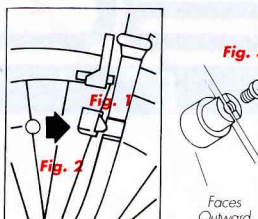
Transponder Unit

The Transponder bracket attaches to the left fork blade. An extra-large diameter bracket is provided (30mm I.D.) for mounting transponder to the edge of the fork near the brake area. Transponder must be mounted near brake area to ease operation range of receiver/transponder. Use rubber shims for secure fit. Fig. 1

Position the Transponder and magnet as shown, making sure that the arc of the magnet intersects the alignment mark on the Transponder with 1mm (1/32") clearance. Fig. 2

Speedometer Magnet

Clamp magnet assembly to a left side front wheel spoke with the screw provided. Overtightening the screw can strip the threads or crack the assembly, so use caution. Fig. 3



Mounting Shoe

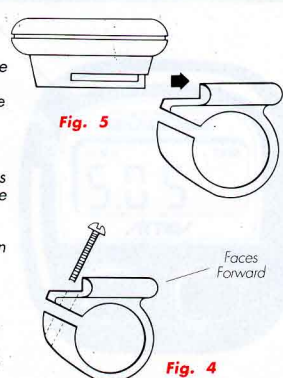
Attach the mounting shoe to the left side of the handlebar using the bracket screw provided. Rubber shims are also included to provide a secure fit. Fig. 4

Computer

The Vetta C300 computer attaches to the mounting shoe by sliding the unit until it snaps firmly into position. Fig. 5

To check for proper speed function and transponder alignment, spin the front wheel with computer in speed mode.

Important: To release computer from mounting shoe pull the computer backward to disengage lock. Fig. 5



READOUTS

Speedometer

Speed is displayed, indicated by SPD. Instantaneous speed has a display range of 0 to 99.5 M/hr (4.5 to 160 Km/hr) and an accuracy of + or - 0.25 M/hr (Km/hr). In any other mode, press right key for over 2 seconds to revert to SPD mode.



Stopwatch

The LEFT key stops and starts the stopwatch, which is indicated by fixed colons. The Stopwatch will time up to 59 minutes, 59 seconds and then recycle. To zero the Stopwatch, press the LEFT key for over 2 seconds. The Stopwatch works independently without affecting any other functions. Press the right key to advance to the Tripmeter.



Tripmeter

Trip distance is indicated by DST. Tripmeter is activated automatically with speedometer input. DST is also the main reset function. Resetting DST to zero by pressing the left button for 2 seconds will also reset AVS, DST, and MXS and internal stopwatch (STP2). Press the right key to advance to the Odometer.



Odometer

Total distance travelled is recorded and displayed, indicated by ODO. To reset Odometer to zero, remove the battery. ODO displays 0 initially (i.e. only whole mile or Km) with Km or M symbol.

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



Maximum Speed

High Speed reached during each ride is indicated by MXS. Should inaccurate readings appear as a result of electrical or radio interference, reset AVS/MXS/DST using the DST reset procedure.) Press the RIGHT key to enter AVS mode.



Average Speed

Your average speed is indicated by AVS. Average Speed is calculated only when the wheel is turning. The AVS flag will flash if riding time is over 20 hours (indicating AVS reading is in error). The user must then reset DST to zero to clear AVS error. The limit of AVS time/distance is 20 hours only, if the user rides for more than 20 hours, restarting the AVS function will erase the first 20 hours riding time/distance. Press and release RIGHT key to advance to Clock mode.



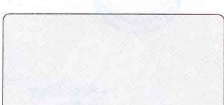
Clock

A 12 hour digital clock appears indicated by flashing second colons.



Auto Start/Stop

To preserve batteries, the C300 will automatically switch off if unused for over 5 to 6 minutes. Display will reappear with the touch of either key.



MALFUNCTION CHECK LIST

Malfunction	Problem
No speedometer reading	Improper magnet/transponder alignment
Slow display response	Temperature outside of operating limits (0-55 degrees C)
Blank display	Temperature too hot, or display exposed to direct sunlight too long
Display readout fades	Poor battery contacts or dead battery
No trip distance or average speed reading	Check correct sensor/magnet alignment Check transponder battery and correct installation
Display shows irregular figures	Press Auto Clear button at bottom of unit to clear and restart computer

REPLACEMENT PARTS

