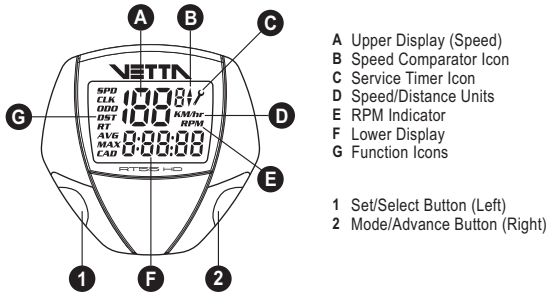




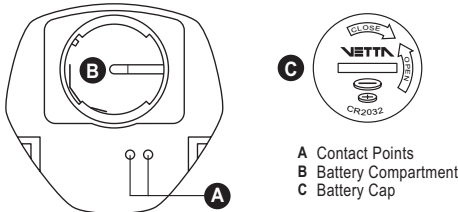
WARNINGS & CAUTIONS

- Vetta cycle computers are sophisticated electronic instruments. Vetta recommends that this product be installed only by a qualified bicycle retailer. Failure to read these instructions and/or improper installation of this device may void the warranty. **If in doubt about any aspect of the installation or operation of this product, consult your local bicycle retailer for clarification.**
- The head unit is water resistant and sealed to withstand wet weather conditions. However, do not deliberately place it in water.
- Avoid leaving the head unit exposed to extremely hot weather conditions.
- Vetta encourages you to ride safely. Wear a helmet every time you ride, use front and rear lights at night, and always keep your eyes on the road ahead of you.

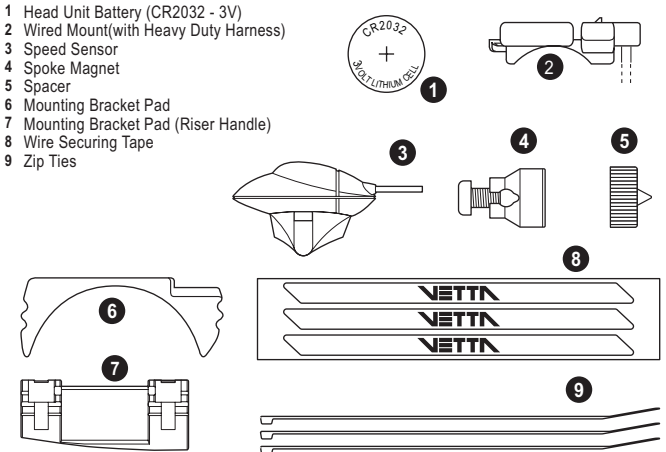
HEAD UNIT: FRONT



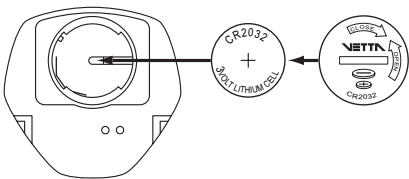
HEAD UNIT: REAR



COMPONENT ILLUSTRATIONS



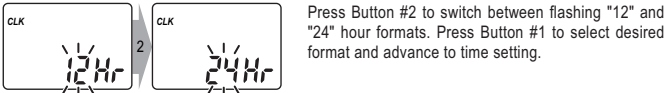
BATTERY INSTALLATION



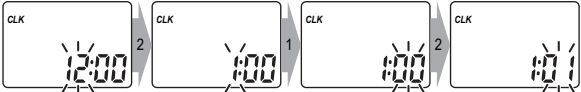
MAIN UNIT SETUP

RT55 HD computer is programmed to enter the Setup mode after battery installation. In Set-Up, Button #1 is used to select or set a value and to advance to the next digit or screen mode. Button #2 is used to switch between settings and to increase values.

SET 12/24 CLOCK



SET TIME



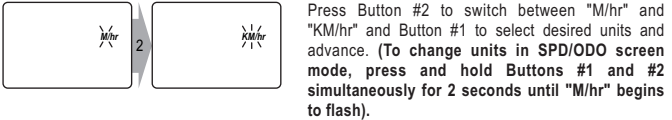
To set the time in CLK mode: Press button #2 to advance hour digits to correct hour (hold button for rapid advance). Press Button #1 to select and advance to minutes setting. Press Button #2 to advance minute digits and press Button #1 to select. (To change the CLK format, time or service time interval, press and hold Buttons #1 and #2 simultaneously for 2 seconds in the SPD/CLK screen mode until "12/24" hour format digits flash).

SET SERVICE TIMER



Press Button #2 to advance hour digits to desired total hours and press Button #1 to select and advance (Maximum hour setting = 1999 hours).

SET SPEED/DISTANCE SCALE



SET WHEEL SIZE



Default wheel circumference setting is 2074mm. Choose correct wheel circumference figure from Wheel Reference Chart. Press Button #2 to advance digits as needed and Button #1 to select and advance. (Range: 0050-2999mm).

TIRE SIZE	CIRC	TIRE SIZE	CIRC	TIRE SIZE	CIRC
700c x 38mm	2180	650c x 23mm	1990	26" x 1.75"	2035
700c x 35mm	2168	650c x 20mm	1945	26" x 1.5"	1985
700c x 32mm	2155	27" x 1-1/4"	2161	26" x 1.25"	1953
700c x 30mm	2145	27" x 1-1/8"	2155	26" x 1.0"	1913
700c x 28mm	2136	26" x 2.3"	2135	24" x 1.9"/1.95"	1916
700c x 25mm	2124	26" x 2.25"	2115	20" x 1-1/4"	1618
700c x 23mm	2105	26" x 2.1"	2095	16" x 2.0"	1253
700c x 20mm	2074	26" x 2.0"	2074	16" x 1.95"	1257
700c Tubular	2130	26" x 1.9"/1.95"	2055	16" x 1.5"	1206

If your wheel size is not on the chart, or if you want a more precise calibration, wheel circumference may be calculated as follows:

Mark the tire and a spot on the floor. Roll the wheel forward one complete revolution until the tire mark touches the floor again and mark that spot. Measure the distance between the marks on the floor in millimeters and enter the result into the computer. (1 inch = 25.4mm)

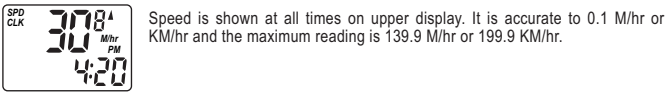
SET ODOMETER



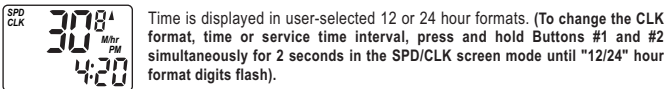
Press Button #2 to advance digits to previous mileage reading (after battery change). Press Button #1 to select and advance to next digit. After final selection, computer will exit Setup and enter SPD/CLK screen mode (Maximum setting: 99999).

PRIMARY FUNCTIONS

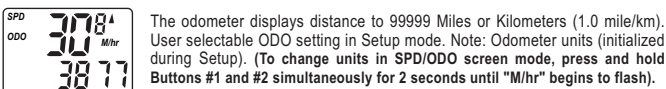
SPD



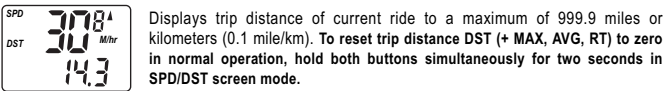
CLK



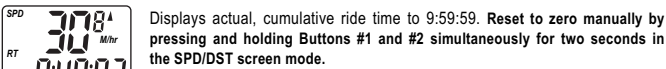
ODO



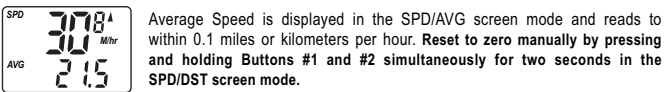
DST



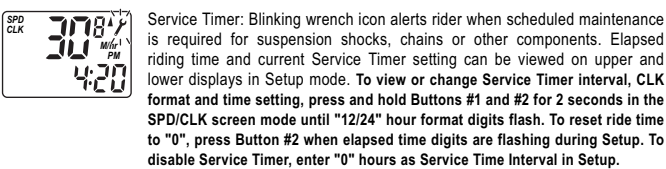
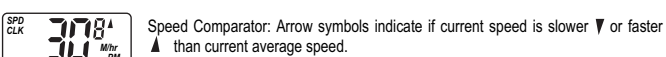
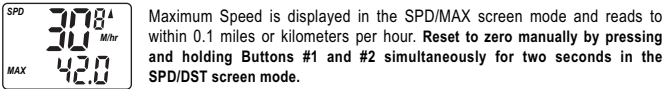
RT



AVG

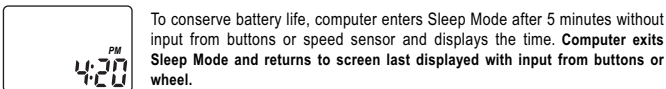


MAX



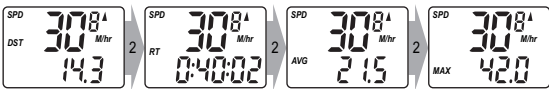
SPECIAL FEATURES

SLEEP MODE



FREEZE FRAME MEMORY

Rider can freeze Distance, Ride Time, Average Speed and Maximum Speed readings at any time by pressing Button #1 for two seconds while in the SPD/DST or SPD/RT screen modes. Display flashes to indicate it has been frozen. Saved data can be scrolled and reviewed by pressing Button #2. Press Button #1 to return to DST or RT screens.



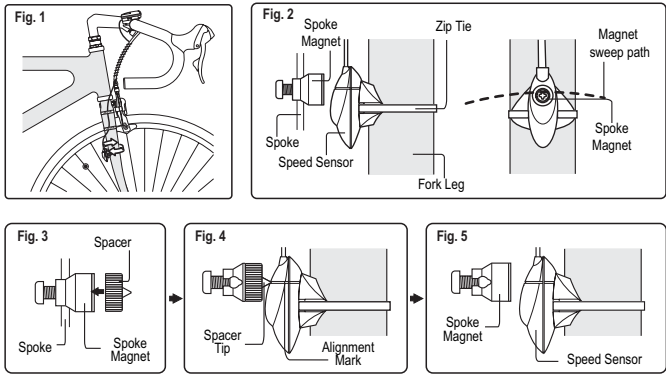
ALL CLEAR RESET

All Clear Reset: Remove battery and reinstall. When you remove the battery, all data and all time and odometer settings will be cleared. When battery is reinstalled, computer will automatically enter the Setup program.

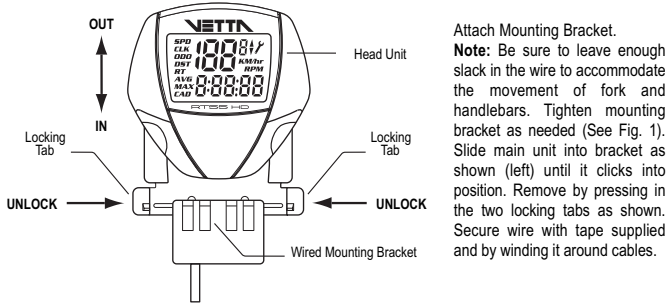
INSTALLATION PROCEDURES

SPEED SENSOR & MAGNET

- Use the zip-tie supplied to hold loosely the speed sensor to the inside of either fork leg. We recommend mounting it as high up on the fork leg as possible to help protect it from being hit by rocks, branches or other objects while riding. (See Fig. 1)
- Tighten the spoke magnet to any spoke on the "sensor side" of the front wheel so that it passes over the alignment mark on the sensor. (See Fig. 2)
- Attach the alignment setup spacer to the magnet temporarily. (See Fig. 3)
- Slide and rotate the sensor until the alignment mark just touches the spacer tip on the magnet. (See Fig. 4)
- Route the sensor wire up the fork leg and secure it with the tape. Wrap excess wire around the front brake cable housing, leaving enough slack to attach the mounting bracket easily to the handlebar and allow for movement of the bar and stem. **CAUTION: When installing the speed sensor on a suspension fork, make sure that the fork is fully extended to ensure there is enough wire to reach the mounting bracket properly. Excess sensor wire should be taped down or wrapped around the brake cable housing for safety.**
- Snug the zip tie down to hold the sensor in its final position.
- Remove the spacer and verify that the magnet and sensor spacing stayed the same. (See Fig. 5)



MOUNTING BRACKET & HEAD UNIT



INSTALLATION TESTS

- Once installation is complete, the computer should be tested to make sure it is working properly.
- Advance the computer to the SPD screen mode using Button #2.
 - Pick up the front of the bicycle and spin the front wheel. The computer should display a speed reading within 2-3 seconds.

If there is no speed reading, check the alignment and spacing between the magnet and sensor. Make sure that the head unit is completely locked into position and the handlebar mount is not over tightened. If this check does not solve the problem, talk to your Vetta Retailer or connect to www.vetta.com.

IMPORTANT: Following the installation tests above, make sure that the spoke magnet locking screw and all zip ties are properly tightened. CAUTION: Do not over tighten!

TROUBLE SHOOTING

- Current speed reading is erratic or does not appear.**
Check the alignment of the spoke magnet and sensor, and the distance between the two components. Realign the magnet and sensor with the spacer.
- Current speed reading is erratic or does not appear.**
Inspect the wiring for any breaks or kinks. Replace mounting bracket and sensor as needed.
- Incorrect data appears on screen during operation.**
Accuracy of the Setup data may be a problem (wheel size setting, etc.).
- Data display is extremely slow.**
Computer LCD does not like extremely low temperatures. Operating range is: 0°C to 50°C or 32°F to 122°F. Return the computer to a warmer climate.
- Screen is dark and display characters look "strange".**
Computer screens do not like to be left in direct sunlight for extended periods of time. Move the computer into the shade until the screen recovers. No effect on data.
- Screen reading is weak or fading.**
Symptom of a weak battery. Replace the battery.
- Screen readings are erratic and read too high or too low.**
Symptom of a weak battery. Replace the battery.
- Screen "frozen", no response to buttons.**
Symptom of a weak battery. Replace the battery.
- No display whatsoever.**
Battery is completely dead, or not installed. Replace or install the battery.

WARRANTY POLICY

ACUMEN INC. WARRANTS ALL VETTA (The Company) PRODUCTS AGAINST MANUFACTURER DEFECTS FOR A PERIOD OF 3 YEARS. Subject to the following limitations, terms and conditions, components will be free of manufacturing defects in materials and workmanship. The 3 year limited warranty is conditioned upon the components being used and operated in normal riding conditions. This warranty does not cover normal wear and tear (i.e. battery replacement, broken wire...), rider abuse, acts of God, improper installation or product alteration. **This warranty is void if the components were not purchased (new) from or through an authorized VETTA retailer or dealer; examples of unauthorized dealers are online auction sites or online retailers that do not offer service.**

ACUMEN INC. at its sole discretion will repair or replace items at its own cost. Users are responsible for all return freight shipping charges; when returning items for warranty service.

ACUMEN INC. will pay freight when returning serviced items, via USPS or UPS to consumers or dealers; once the item(s) has been repaired or replaced.

REQUIREMENTS FOR WARRANTY SERVICING

- Prior to shipping an item back, you must first obtain a Return Authorization Number (s) (RA#). Each item being returned must have an individual RA#.
- To obtain an RA #, you must either contact the retailer where the product was originally purchased from, or contact **VETTA** directly at customerservice@vetta.com.
- For trouble shooting purposes, we request that the complete unit with packaging be returned to **ACUMEN INC.** unless otherwise stated by **VETTA** representative.

ITEMS TO BE INCLUDED IN RETURNS

- The defective product(s)
- A letter clearly stating the problem(s) with the returned item(s).
- Copy of the original sales receipt showing proof of purchase date.
- The Company is not responsible for loss or additional damages while in transit to **ACUMEN INC.**
- Clearly mark the RA# on the outside of the return packaging. All items without an RA # will be refused and returned to the return address on the package.

The Company shall not be held responsible to replace items with new items for greater than the amount of the original item purchase price. This limited warranty does provide the original owner with certain legal rights and recourse. The original owner may possess other rights or recourse, depending on the state or country. Please check the web to help answer any question and service manual.

ACUMEN INC CUSTOMER SERVICE CENTERS

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