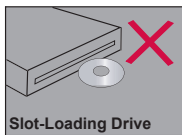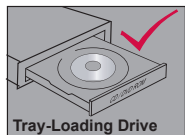**VETTA**

Solar Flare (# 500-111) & Solar Flare Cadence (# 500-112)
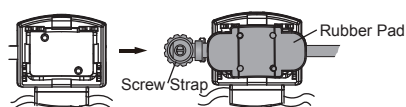## QUICK START MANUAL

For more details, please refer to the full manual inside the mini-CD included with the product.

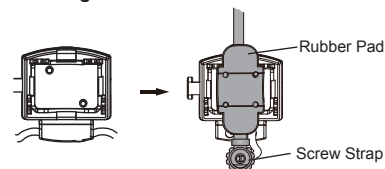**Warning: Inserting the mini-CD into a slot-loading drive may damage your drive.**

Tray-Loading Drive

Slot-Loading Drive

Installation

Installing Screw Strap & Rubber Pad

Rubber Pad

Screw Strap

Mounting Bracket to be mounted on the stem

Rubber Pad

Screw Strap

Mounting Bracket to be mounted on the handlebar
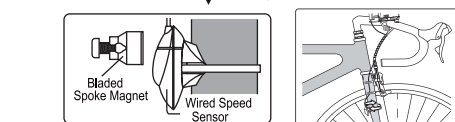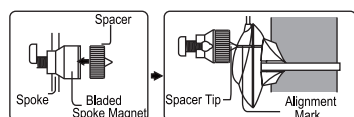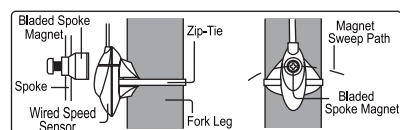
Installing the Mounting Bracket

On the stem   On the handlebar
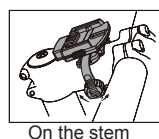
Attach Mounting Bracket to the handlebar on the "Sensor side" or on the stem as shown in the pictures above.
Adjust its position so it can be read while riding and then tighten the screw strap.

Installing Wired Speed Sensor & Magnet

Bladed Spoke Magnet
Zip-Tie
Magnet Sweep Path
Spoke
Wired Speed Sensor
Fork Leg
Bladed Spoke Magnet

Spacer
Spoke
Bladed Spoke Magnet
Spacer Tip
Alignment Mark

Bladed Spoke Magnet
Wired Speed Sensor

1. Attach the wired speed sensor with the zip-ties supplied.
2. Tighten the bladed spoke magnet to the bicycle.
3. Adjust the sensor & magnet spacing with the spacer.
4. Remove the spacer after tightening the zip-ties down to hold the sensor in its final position.
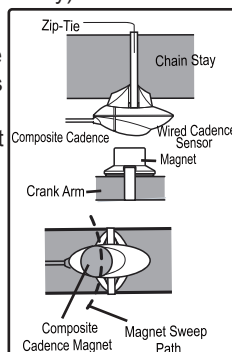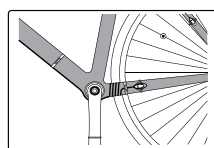
Note: Mount the sensor as high up on the fork leg as possible. Be sure to leave enough slack in the wire to accommodate the movement of the fork.

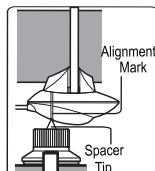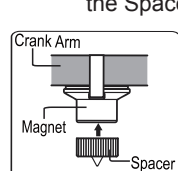### Installing Wired Cadence Sensor & Magnet
(For Solar Flare Cadence Only)

Step 1:
Attach the Wired Cadence Sensor with the Zip-Ties supplied and tighten the Composite Spoke Magnet to the bicycle.

Zip-Tie
Chain Stay
Composite Cadence
Wired Cadence Sensor
Magnet
Crank Arm
Composite Cadence Magnet
Magnet Sweep Path

Step 2: Adjust the Sensor & Magnet spacing with the Spacer.

Crank Arm
Magnet
Spacer
Alignment Mark
Spacer Tip

Step 3:
Remove the Spacer after tightening the Zip-Tie down to hold the Sensor in its final position.

Wired Cadence Sensor
Composite Cadence Magnet
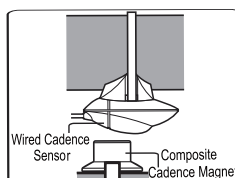
Please be noted that Solar Flare can be upgraded to Solar Flare Cadence if you buy a Speed & Cadence Bike Mount.
**Note:** To be able to upgrade to Cadence, there must be 3 pins at the back of your computer as shown in picture 1 under "Setup" below.
Older versions which have only 2 pins cannot read the Cadence sensor and cannot be upgraded.
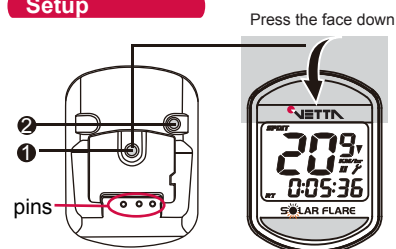
Attaching Head Unit

SOLAR FLARE
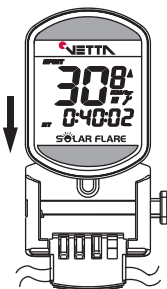
Slide the Head Unit into the Mounting Bracket as shown until it clicks into position.

Detaching the Head Unit

SOLAR FLARE
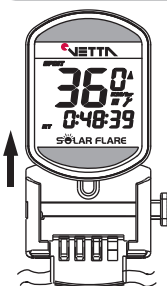
Slide out the Head Unit by pressing the Locking Tab simultaneously.

Press
Locking Tab

Setup

Press the face down

SOLAR FLARE

pins

Pic. 1

In Setup:
• Button ❶ is used to scroll through setting items or values (0-9)(press & hold button for fast advance).
• Button ❷ is used to select a value and to advance to the next digit or mode.

Initial Setup
Press either button to exit Shelf Mode and enter Initial Setup when using the Solar Flare for the first time.

Note: When the computer is mounted on the bike, simply press the face down on the upper portion of the display to activate Button ❶.
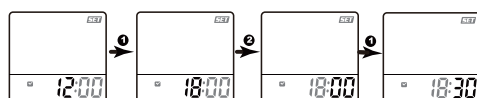
NOM Setup
To enter the NOM Setup Mode, press & hold Button ❷ when the lowest screen is in the Clock Mode.

12 / 24 Clock

12 Hr → 24 Hr

Time

12:00 → 18:00 → 18:00 → 18:30

Speed / Distance Unit

M/hr → KM/hr
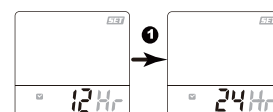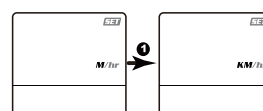
Note: If the ride data is NOT cleared before entering the Setup Mode, they will be automatically converted to values based on the new Speed / Distance Unit.

Service Timer

Hr | 0000 → 0008 → 0008
dAY | 000 → 008 → 008
dSt | 0000 → 0008 → 0008
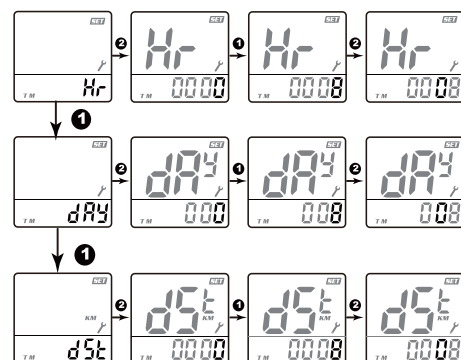
Service Timer could be programmed with a selected number of ride time (hours or days) or distance as the interval for servicing the bicycle or any component on it, such as front or rear shock.

The default settings "0000" means the service timer is turned off.
(Maximum settings: hour / day / distance = 1999/199/9999)

Reset Service Timer to Zero

Hr 280 OR dAY 150 OR dSt 1830
Hr 0 | dAY 0 | dSt 0

When the Ride Time (the elapsed time for service timer) begins to falsh
• Press button ❶ to reset to zero;

OR

• Press Button ❷ to reserve the digits and advance to the next Setup Mode.

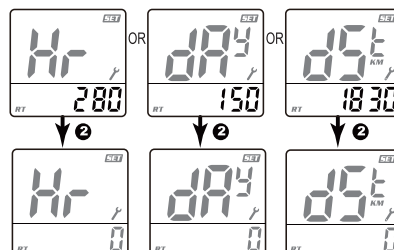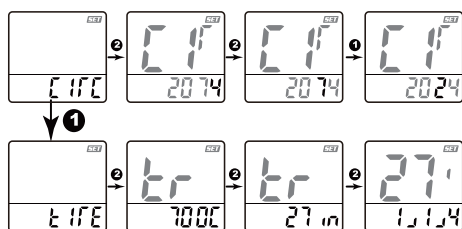**Important:** In the Initial Setup, the elapsed time/distance for service timer does not exist.

Wheel / Tire Size

**Choose CIRC (Circumference) to set it manually.**

Press Button ❶ to adjust the flashing digit to the desired number.

If you choose TIRE (Tire Size)

Press Button ❶ to scroll through the flashing 700c, 650c, 27in, 26in, 24in, 20in, 16in and select the wheel size.

TIRE SIZE	CIRC	TIRE SIZE	CIRC
700c x 38mm	2180	26" x 2.10"	2095
700c x 35mm	2168	26" x 2.00"	2074
700c x 30mm	2155	26" x 1.90"	2055
700c x 32mm	2145	26" x 1.75"	2035
700c x 28mm	2136	26" x 1.50"	1985
700c x 25mm	2124	26" x 1.25"	1953
700c x 23mm	2105	26" x 1.0"	1913
700c x 20mm	2074	26" x 1.0"	1913
700c Tubular	2130	24" x 1.9/1.95"	1916
650c x 23mm	1990	20" x 1-1/4"	1618
650c x 20mm	1945	16" x 1.75"	1195
27" x 1-1/4"	2161	16" x 1.50"	1185
27" x 1-1/8"	2155		
26" x 2.25"	2115		

Odometer
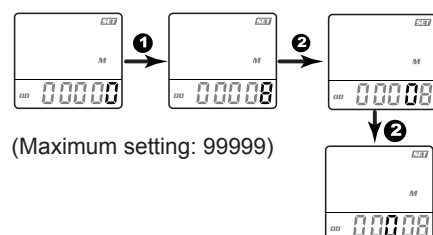
(Maximum setting: 99999)

Testing Your Installation

To test the speed sensor installation

Pick up the front of the bicycle and spin the front wheel. The LCD should display a speed reading within 2-3 seconds.

To test the cadence sensor installation
(For Solar Flare Cadence Only)

Advance the lower screen to CAD Mode by pressing button ❶. Turn the crank backwards or ride the bicycle a short distance. After a few revolutions, a cadence reading should display on the LCD.

If there is no speed or cadence (For Cadence Model Only) reading, check the alignment and spacing between the magnet and sensor. Make sure that the Head Unit is completely locked into position.

If the problem has not been fixed, talk to an authorized Vetta retailer for additional support.

Once the sensor is aligned correctly, tighten the magnet locking screw and bike mount strap.

Warranty

VETTA 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.

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

In USA, you must either contact the retailer where the product was originally purchased from, or contact VETTA distributor in your country for customer service.

Outside USA, you should contact the local dealer or VETTA distributor in your country for customer service.

The Company shall not be held responsible for replacing 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.