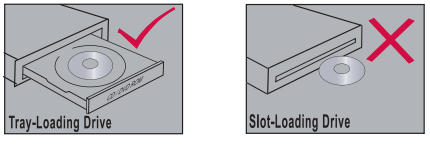# VETTA

V100 WL2X & V100HR WL2X QUICK START MANUAL
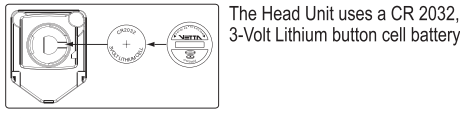
For more details, please refer to the full manual inside the mini-CD included with the product.

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

Tray-Loading Drive ✓   Slot-Loading Drive ✗
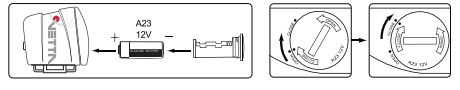
Installing the Battery

Head Unit

The Head Unit uses a CR 2032, 3-Volt Lithium button cell battery.

⚠ Turn and lock the battery cap firmly in place while making sure the O-ring seal does not get pinched or distorted. CAUTION: To avoid damage to the battery cap slot, do not over tighten.
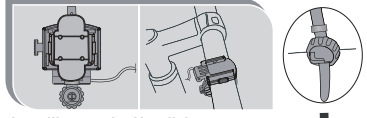
Wireless Speed / Cadence Sensor

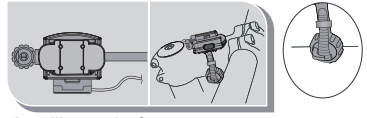The WL Wireless Speed/ Cadence Sensor uses an A23, 12-Volt battery.

A23 12V

Installing the Mounting Bracket & Speed Sensor

Installing the Speed Sensor &Magnet

Installing on the Handlebar

Installing on the Stem

Step 1: Insert the Screw Strap through the hole at the back of the Mounting Bracket. (Installing on the handlebar: from bottom to up; installing on the stem: from left to right).

Step 2: Attach the Mounting Bracket onto the handlebar or stem and then fasten the screw to fix it to its final position.
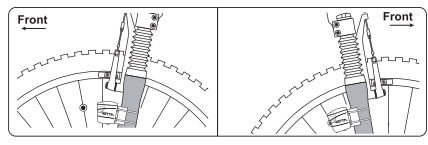
Installing the Speed Sensor & Magnet

Step 1: Attach the Wireless Speed Sensor & Rubber Pad to the front of the left fork leg or the back of the right fork leg using **Screw Strap** or **Zip-Ties** provided.
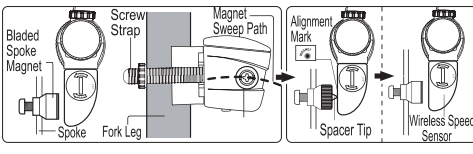
Using Screw Strap:

Front

OR Using Zip-Ties:

Front   Front
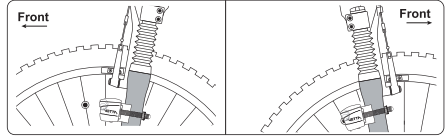
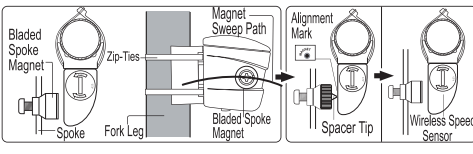**Step 2:** Adjust the Sensor and Magnet spacing with the Spacer. Remove the Spacer after fixing the Sensor in its final position.
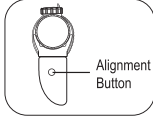
Using Screw Strap:

Bladed Spoke Magnet / Screw Strap / Magnet Sweep Path / Alignment Mark / Spoke / Fork Leg / Spacer Tip / Wireless Speed Sensor

OR Using Zip-Ties:

Bladed Spoke Magnet / Zip-Ties / Magnet Sweep Path / Alignment Mark / Spoke / Fork Leg / Bladed Spoke Magnet / Spacer Tip / Wireless Speed Sensor
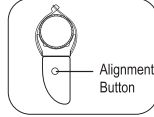
Step 3: Press the **Alignment Button** to check if the Speed Sensor has been aligned correctly with the Magnet. If successfully aligned, the Speed Sensor will produce a beeping sound when the magnet moves over the Speed Sensor.

Using Screw Strap: Alignment Button

OR

Using Zip-Ties: Alignment Button

Step 4: Once the Sensor is aligned, tighten the magnet's locking screw and Bike Mount strap.
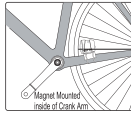
Installing the Cadence Sensor

Step 1: Attach the Cadence Sensor to the non-drive side chain stay using **Screw Strap** or **Zip-ties** and keep it loose.
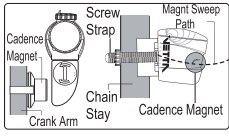
Using Screw Strap: Magnet Mounted inside of Crank Arm

OR
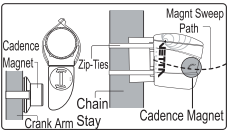
Using Zip-Ties: Magnet Mounted inside of Crank Arm
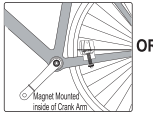
Step 2: Attach the Candence Magnet to the inside of the left crank arm so that it passes over the alignment mark on the Sensor.
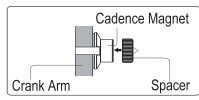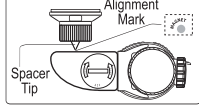
Using Screw Strap:

Cadence Magnet / Screw Strap / Magnt Sweep Path / Chain Stay / Crank Arm / Cadence Magnet

OR Using Zip-Ties:

Cadence Magnet / Zip-Ties / Magnt Sweep Path / Chain Stay / Crank Arm / Cadence Magnet

Step 3: Attach the Spacer to the Magnet temporarily.

Cadence Magnet / Crank Arm / Spacer
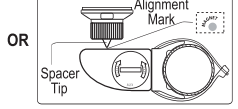
Step 4: Slide and rotate the Sensor until the alignment mark just touches the spacer tip on the magnet.

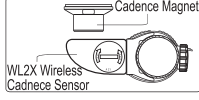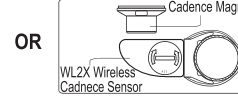**Using Screw Strap:** Alignment Mark / Spacer Tip   OR   **Using Zip-Ties:** Alignment Mark / Spacer Tip

Step 5: Remove the Spacer and verify that the magnet and Sensor spacing stays the same.

Using Screw Strap: Cadence Magnet / WL2X Wireless Cadnece Sensor   OR   **Using Zip-Ties:** Cadence Magnet / WL2X Wireless Cadnece Sensor
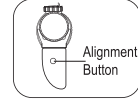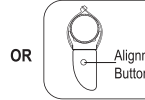
Note:
Press the **Alignment Button** to check if the Sensor has been aligned correctly with the magnet. If successfully aligned, the Sensor will produce a beeping sound when the magnet moves over the Sensor

Using Screw Strap: Alignment Button   OR   **Using Zip-Ties:** Alignment Button

Step 6: Once the Sensor is aligned, tighten the magnet's locking screw and Bike Mount strap.

Sensor Low Battery Alert

⚠ Every time you begin your ride, the sensor will automatically check the battery power. If the battery power is low, the sensor will produce continuous beeping sounds until you change the battery.

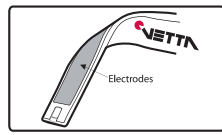## Installing the Chest Belt (For V100HR WL2X)

Attach the adjustable strap: Insert round end of clip through the hole and twist.

Transmitter / Elastic Strap / Belt Clip
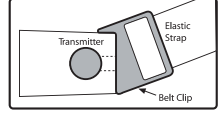
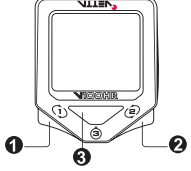**Adjust the tension of the strap:** to fit snugly but comfortably around your chest.
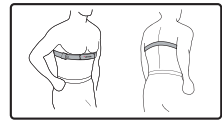
Moisten the transmitter electrodes: apply some water to moisten each of the two contact area.

Electrodes

Initial Setup

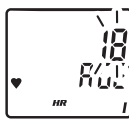The computer is programmed to enter the Initial Setup Mode after new battery replacement or all clear total reset.

❶ ❸ ❷

Button ❶ ◆ Select a value or a unit
◆ Advance to next digit, item or setting mode

Button ❷ ◆ Advance digits or toggle through units
◆ Hold for fast advance

Button ❸ ◆ No function in Initial Setup

Bike I & Bike II

Age (V100HR WL2X)   Maximum HR (V100HR WL2X)

Target Zone Upper Limit (V100HR WL2X)

Target Zone Lower Limit (V100HR WL2X)

Note:
V100HR WL2X will automatically calculate an initial Maximum HR, Target Zone Upper Limit & Target Zone Lower Limit when you enter your age.

## Target Zone Audible Alarm ON / OFF (V100HR WL2X)

Wheel Circumference

Find your tire size and its corresponding circumference from the table below.

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

Service Timer
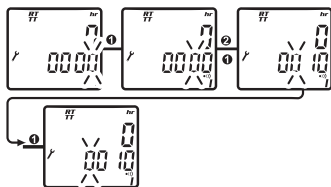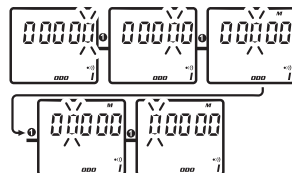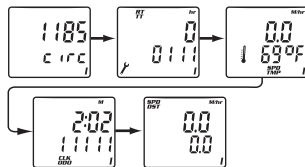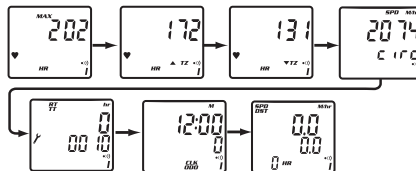
Speed Units
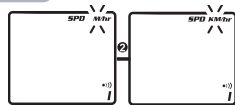
Clock
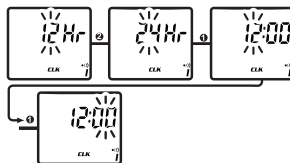
## Odometer

System Check

V100 WL2X

V100HR WL2X

When the review is complete, the computer automatically exits Initial Setup and enters the Normal Operating Mode.

Installing the Head Unit

Slide the Head Unit into the Wired Mounting Bracket as shown until it clicks into position. Remove by pressing in the locking tab as shown.

OUT

IN

Head Unit

Mounting Bracket

Locking Tab

UNLOCK
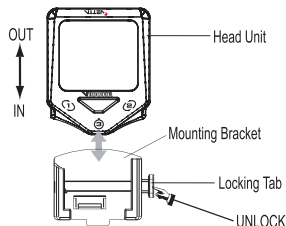
Testing Your Installation

Testing 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.

Testing Cadence Sensor Installation:
Advance the LCD to CAD Mode by pressing button ❶ or ❷ 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 reading, check the alignment and spacing between the magnet and sensor. Make sure that the Head Unit is completely locked into position. If the 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, tignten the magnet's locking screw and Bike Mount strap.

Now your cycling computer is ready for use.

Warranty