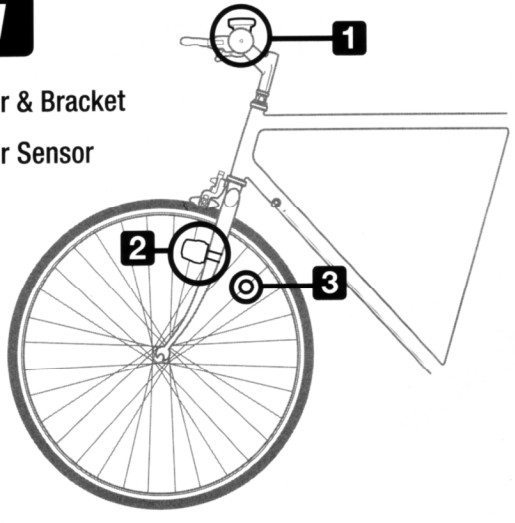
BELL PLATINUM SERIES

BELL WIRELESS SPEEDOMETER

with calorie counter™

Printed in China. Imprimé en Chine.
Part# 5000677600 For Item#s 1000849 & 1001618 Tel: 1-800-456-BELL www.bellbikestuff.com

OVERVIEW



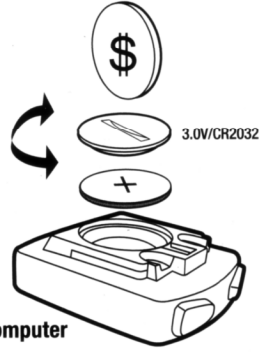
1. Computer & Bracket
2. Computer Sensor
3. Magnet

NOTE: Follow instructions carefully. Proper installation and adjustment may take up to 30 minutes.

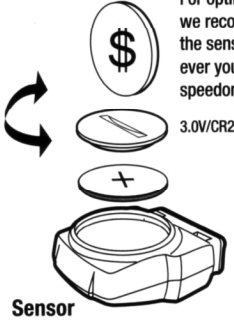
STEP 1

Install Batteries

Use a small coin to remove the battery cover from the computer. Place provided battery (3.0V/CR2032) in unit with positive side facing up and replace battery cover. **NOTE:** Sensor comes with same type of battery pre-installed. Directions provided for battery replacement.



Computer



For optimal performance, we recommend changing the sensor battery whenever you change the speedometer battery.

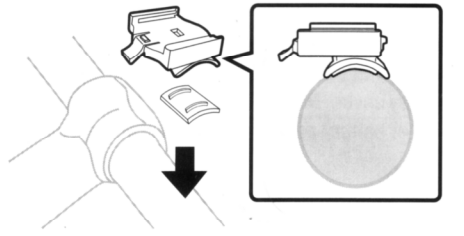
Sensor

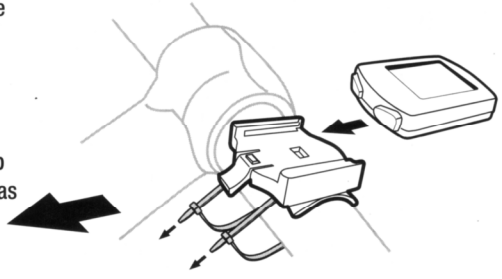
STEP 2

Install Computer Bracket

Remove the adhesive tape shield and position the bracket on the handle bar. Secure the bracket using two of the zip ties provided. Insert the computer into the bracket

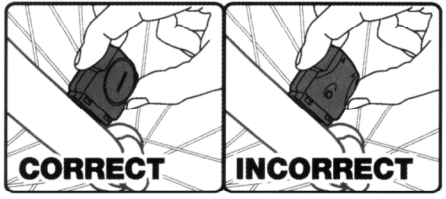
Make sure bracket tab is facing toward bike as shown in illustration.





STEP 3

Install Computer Sensor

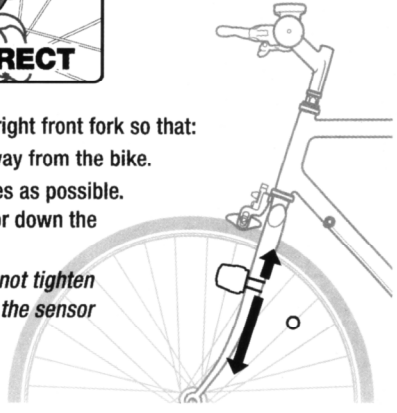


Position the computer sensor on the right front fork so that:

A) The battery compartment faces away from the bike.

B) The sensor is as close to the spokes as possible. You can adjust the positioning up or down the fork as necessary.

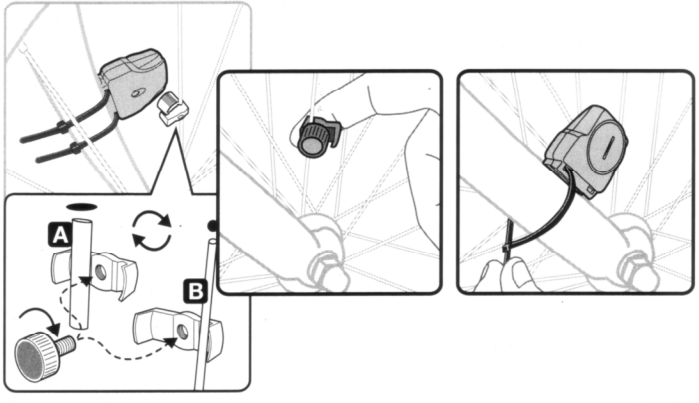
Secure the sensor using 1 zip tie. *Do not tighten completely as further adjustments to the sensor position will be necessary.*



STEP 4

Install Magnet

Secure the magnet to a spoke on the right side of the front wheel. Clamp will work with both (**A**) thick and (**B**) thin spokes. Screw to tighten. *Make sure magnet faces toward the outside of the wheel.*



STEP 5

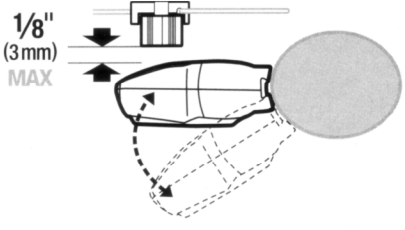
Fine Tune Magnet/Sensor Positioning

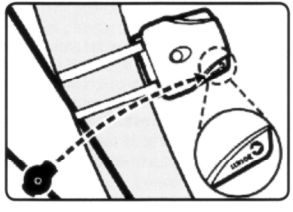
Adjust the sensor & magnet location so that:

A) The magnet passes by the edge of the sensor marked with the arrow when the wheel rotates

B) There is no more than 1⁄8"(3mm) clearance between the sensor and the magnet

Now lift & spin the front tire. The computer display will change with the spinning tire, if the sensor and magnet are installed correctly. If the computer display remains constant, further adjustment of the sensor and magnet location is necessary.





STEP 1: Set the Wheel Value– First, using the table provided, determine the correct, 4-digit, wheel value based on the size of your tire. The wheel value is the distance in millimeters per one revolution of the wheel. Next, press and hold the left or right MODE button and the SET button for two seconds. The preset value "2124" should appear with the digit "4" flashing. Press the right or left MODE button to modify the digit to the correct setting (hold either MODE button down for fast advance). Once correct digit is shown, press the SET button to move to the next digit. Repeat until all four digits are set to the correct wheel value for your bike.

NOTE: You can return to the wheel size input mode by pressing and holding both the MODE and SET buttons for 3 seconds. Removing the battery will erase the wheel value.

STEP 2: Set KM or Mile Selection– After setting the wheel value, the KM/M selection will appear. Press the left or right MODE button to choose kilometer or mile selection. Press the SET button to confirm.

Road Bike		Mountain Bike	
20"	1596	24"	1888
22"	1759	26"	2045
24"	1916	27"	2155
26"	2073	28"	2237
27"/700c	2124		

STEP 3: Input Age and Weight– After setting the KM/M selection two numbers will appear. Enter your age as the large number above the horizontal line. Press the left or right MODE button to modify the "ones" digit to the correct setting. Press the SET button to confirm. Repeat for the "tens" digit. Enter your weight as the smaller number below the horizontal line following the same steps. By entering your actual age and weight, you will get a more accurate calculation of calories and fat burned

NOTE: The computer will default to kilograms (72.6kg) or pounds (160lb) based on your selection of kilometers or miles respectively.

PROGRAMMING THE COMPUTER

STEP 4: Set Distance for Maintenance Reminder– After setting age and weight, the preset number of 600 km (or miles) will flash. This is the default distance in KM or Miles for the Maintenance Reminder function. Press the left or right MODE button to select 200, 400, 600 or 800 km (or mile) maintenance interval, then press the SET button to confirm. When your odometer (ODO) reaches the selected distance interval, the wrench icon ( ) will flash, reminding you to service your bicycle (check tires and other parts for wear, lubricate chain, etc…). Press the SET button to stop the wrench icon ( ) from flashing.

STEP 5: Set the Clock– Press and hold the SET button for two seconds. You will see a 12 or 24-hour digital clock with a flashing colon at the bottom of computer display. To switch between the 12 and 24 hour format press the left or right MODE button. Press the SET button to confirm. Next, the hour digits will start to flash. Use the right or left MODE buttons to select the hour and press the SET button to confirm. Repeat for minutes digits. Press the left or right MODE button to enter Odometer (ODO) mode.

STEP 6: Test to Ensure Proper Installation– Now that the computer is programmed, insert it into the bracket. Spin the front wheel. The speed tendency icon in the upper left corner of the screen should be turning as the computer starts recording data (Refer to Troubleshooting in case of problems).

ODOMETER (ODO)– Total distance traveled is indicated by "ODO" and displayed on the bottom line. To reset ODO, press the SET button for 2 seconds or remove and replace the battery. Adjust each flashing digit by pressing either the left or right MODE button and then press SET to confirm. Now press either MODE button to advance to the DST mode.

TRIP METER (DST)– Trip distance is indicated by DST and is displayed on the bottom line. The Trip Meter is activated automatically with speedometer input (comes on automatically when you begin riding, turns off when you stop). To reset DST to zero, press and hold the SET button for 2 seconds. Note that TM (Trip Time) & AVS (Average Speed) will also be reset at that time. Now press either MODE button to advance to the MXS mode.

MAXIMUM SPEED (MXS)– Maximum speed is indicated by MXS and is displayed on the bottom line. Maximum speed is stored in memory and updates only when a higher speed is reached. To reset MXS, press and hold the SET button for 2 seconds. Now press either MODE button to advance to the Average Speed (AVS) mode.

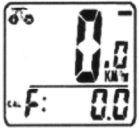
ADDITIONAL FUNCTION MODES

AVERAGE SPEED (AVS)– Average speed is indicated by AVS and is displayed on the bottom line. AVS works in conjunction with the Trip Timer (TM) to calculate the average speed for a specific trip. Now press either MODE button to advance to the (TM) mode.

TRIP TIMER (TM)– Trip Timer is indicated by TM and is displayed on the bottom line. The Trip Timer is activated automatically with computer input (comes on automatically when you begin riding, turns off when you stop). It records only the time actually spent riding. To reset TM to zero, return to DST (Trip Meter) mode and reset to zero per the instructions above. Return to TM mode and press either MODE button to advance to the Temperature mode.

TEMPERATURE (TEMP)– Your computer has a thermometer to measure outdoor temperature. To select between Celsius (C) and Fahrenheit (F) readout, press and hold the SET button for 2 seconds. Press either MODE button to select between C and F and press the SET button to confirm. Now press either MODE button to advance to the (CAL) mode.

CALORIES BURNED (CAL)– This function estimates the number of calories burned while riding, based on the age and weight inputed by the user. To reset CAL, press and hold the SET button for 2 seconds. Now press either MODE button to advance to the (FAT) mode.



FAT BURNED (FAT)– This function estimates the number of fat grams burned while riding, based on the age and weight inputed by the user. To reset FAT, press and hold the SET button for 2 seconds. Now press either MODE button to advance to the (SCAN) mode.

SCAN– The Scan mode conveniently rotates DST, MXS, AVS, and TM readings on the computer screen without the need to press any buttons. Now press either MODE button to advance to the Clock mode.

ADDITIONAL FUNCTION MODES

FREEZE FRAME MEMORY– At the end of a ride segment you can press the SET button to set Freeze Frame Memory. This function locks the computer saving TM, DST and AVS which will flash. Info can be read at a later time by pressing either MODE button. To release the memory, press the SET button until the display digit is static again. This is particularly useful when crossing the finish line of a time trial, since the TM cannot be stopped manually.

ODOMETER SAVE FUNCTION– The SAVE function allows you to keep the important data of total distance (ODO) even after battery replacement by pressing either MODE button. To set ODO, after battery replacement and wheel size setting, press right MODE button to ODO mode and then hold the SET button for 2 seconds until the last digit flashes. To adjust number, press the MODE button and then press the SET button to confirm and select digit to be input. Repeat this sequence to reach the desired odometer value. Press the SET button again to return to normal ODO mode.

AUTO STOP/START– To preserve batteries, the cycle computer will automatically switch off if the unit is left unused for over 5 to 6 minutes. Display will reappear with a press on either button.

ADDITIONAL FUNCTION MODES

SPEEDOMETER– Instantaneous Speed is indicated on the top line. The range of measurement is from 0 to 99 KM/hr (0 to 99 M/hr) and accuracy is ±0.5 KM/hr (M/hr).

SPEEDOMETER COMPARATOR– A "+" or "-" sign appears to the right of the speed. "+" indicates you are travelling faster than your average speed (AVS). A "-" indicates you are riding slower than your average speed.

SPEED TENDENCY– A cyclist symbol appears to the left of the speed. The wheel turns forward to indicate acceleration. The wheel turns backward to indicate deceleration.

EL BACKLIGHT– The EL backlight illuminates the computer screen for easier viewing in dark or low light settings. It can be turned on in two ways:

1) Hold the left or right MODE button for 2 seconds.

2) The EL backlight will illuminate for 8 seconds and the computer will go into Scan mode. After 8 seconds, the backlight will turn off and the computer will return to the previously set mode.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	RECOMMENDED ACTION
No speedometer display and/or no data reading	Possible interference from electrical sources	Move computer to different area
	Improper magnet/sensor alignment	Ensure speedometer sensor and magnet are properly installed and aligned (p.3)
	Poor battery contact or low/dead battery	Replace Battery
Slow display response	Temperature outside of operational limits (0-60°C or 32-140°F)	Only use computer when temperature is within operational limits
Display shows irregular features	Poor battery contact or low/dead battery	Replace battery
Black display	Temperature too hot or display exposed to sunlight too long	Only use computer when temperature is within operational limits. Remove from sunlight
	Computer damaged or dropped	Computer is broken
No trip distance reading	Improper sensor/magnet alignment	Ensure proper alignment

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment & receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.