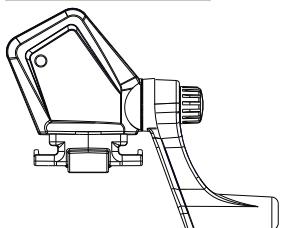
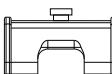


# CX-320 DUAL SPEED&CADENCE SENSOR

## Item Check List



CX-320 Sensor



Rubber



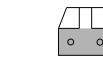
Speed Magnet



O ring Rubber



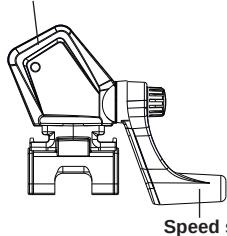
Nylon ties x3 Pcs



Cadence Magnet

## Function

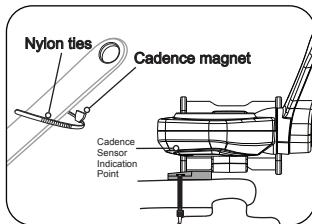
Cadence sensor



The Speed & Cadence Sensor enables to track pedaling cadence and bike speed in real time and sends data to the compatible display devices via ANT+ / Bluetooth Smart (Bluetooth 4.0) with dual mode wireless technology.

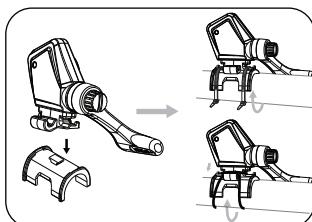
Speed sensor

## Installation



### A. Install Speed and Cadence Sensor

Mount the sensor on top of the left chain stay with cable ties, make sure the cadence side face the pedal and speed crank against the rear wheel.

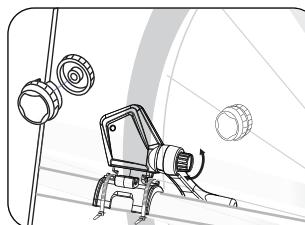


### B. Install the Magnet

Secure the Speed Magnet on the spoke of the rear wheel with screw. Make sure the magnet side faces the speed crank zone, then secure the Cadence Magnet on the inner side of pedal and confirm the magnet side faces the cadence sensor zone. Furthermore, put the O-ring over the sensor and pull the o-ring from the back to the front'

hook to secure the sensor on the bike. Once above items are in the right position, the user may go for a ride.

NOTE: Please make sure everything has been setup properly before start using the bicycle.

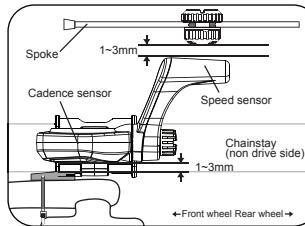


### C. Find out the wheel size

#### Wheel Circumference

To get the accurate result, the wheel size should be correct. Mark the symbol on the tire and ride one cycle. Then measure the length between two points to get the circumference by the following equation:  

$$\text{Circumference} = 2\pi \times R$$
 (R=Radius in millimeter).



The maximum distance between the speed crank and the magnet is 5mm, same as between the cadence sensor and the magnet.

## Maintainence

### Speed & Cadence Sensor

Check the position of sensor and magnet periodically. For current measurement, the sensor, magnet should not get wet/rust, otherwise it may cause function error.

### Bracket/Magnet/Sensor band

These items can be rinsed in surface fresh water or washed with a mild soap

## Bluetooth Smart Speed & Cadence Sensor

### Compatibility

- ios devices: iphone4s and above, ipod touch (5th gen and above),ipad (3rd gen and above),ipad mini, ipod nano (7th gen and above)
- Android devices: all devices with Bluetooth smart ready technology and Android OS version 4.3

### Important Health Notice

Keep this device away from children. It contains batteries, which might be swallowed by children.

As with most electronic receiving devices, there can sometimes be interference that causes inaccurate display readouts. Avoid using your sensor near common sources of interference. These include high voltage power lines, air conditioning motor units, fluorescent lights, wristwatches, mobiles and computers.

### Limited Warranty

Warranty does not cover the batteries, damages due to misuse, abuse or accidents, cracked or broken cases, negligence of precautions, improper maintenance or commercial use.

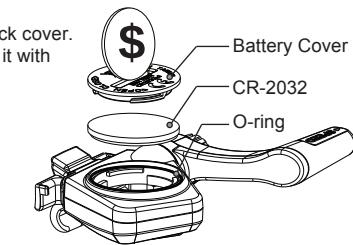
Warranty is void if repairs are done by non authorized service technician. During this warranty period (two year) the product will either be repaired or replaced without charge.

## Replace Battery

To replace the battery, unscrew the back cover. Gently remove the battery and replace it with a new battery model CR2032.

The (+) side should be facing up.

\*NOTE: Losing O-ring may cause water leakage.



Tire Scale	L(mm)
14 x 1.50	1020
14 x 1.75	1055
16 x 1.50	1185
16 x 1.75	1195
18 x 1.50	1340
18 x 1.75	1350
20 x 1.75	1515
20 x 1-3/8	1615
22 x 1-3/8	1770
22 x 1-1/2	1785
24 x 1	1753
24 x 3/4 Tubular	1785
24 x 1-1/8	1795
24 x 1-1/4	1905
24 x 1.75	1890
24 x 2.00	1925
24 x 2.125	1965
26 x 7/8	1920
26 x 1(59)	1913
26 x 1(65)	1952
26 x 1.25	1953
26 x 1-1/8	1970
26 x 1-3/8	2068
26 x 1-1/2	2100
26 x 1.40	2005
26 x 1.50	2010
26 x 1.75	2023
26 x 1.95	2050
26 x 2.00	2055

Tire Scale	L(mm)
26 x 2.10	2068
26 x 2.125	2070
26 x 2.35	2083
26 x 3.00	2170
27 x 1	2145
27 x 1-1/8	2155
27 x 1-1/4	2161
27 x 1-3/8	2169
650 x 35A	2090
650 X 38A	2125
650 X 38B	2105
700 X 18C	2070
700 X 19C	2080
700 X 20C	2086
700 X 23C	2096
700 X 25C	2105
700 X 28C	2136
700 X 30C	2146
700 X 32C	2155
700C Tubular	2130
700 X 35C	2168
700 X 38C	2180
700 X 40C	2200
700 X 42C	2224
700 X 44C	2235
700 X 45C	2242
700 X 47C	2268
29 x 2.1	2288
29 x 2.3	2326