

**Technical Data**

**Bicycle Computer**

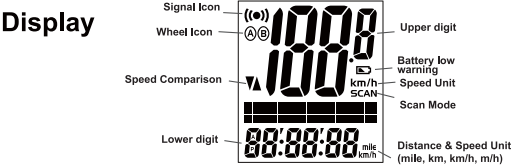
Wheel Circumference : 500 - 3999mm  
 Default Wheel Circumference : Bike A - 2124 | Bike B - 2096  
 Battery Type : CR2032  
 Battery Life (1 hr/day) : approx. 1 year  
 Operating Temperature : -10°C ~ 60°C  
 Energy Saving Mode : after 5 minute inactivity  
 Wake-Up : via button input push or signal

**Transmitter**

Battery Type : CR2032  
 Battery Life : approx. 1 year  
 Operating Temperature : -10°C ~ 60°C

**Warning**

Do not expose the bicycle computer to direct sunlight when not in use.  
 Do not open the bicycle computer, sensor or magnet.  
 Do not occupy yourself excessively with the computer when riding.  
 Check the position of the sensor and magnet at regular intervals.



**Technical Specs:**

Current Speed 0.0 - 199.9 km/h 0.0 - 124.2 m/h	Trip Time 00'00"00 - 99'59"59	Distance (Trip Distance) 0.00 - 9999.99 km 10000 - 999999 km	ODO (Total Distance) 0.00 - 9999.99 km 10000 - 999999 km
AVG Speed (Average Speed) 0.00 - 199.9 km/h 0.00 - 124.2 m/h	MAX Speed (Max. Speed) 0.00 - 199.9 km/h 0.00 - 124.2 m/h	Speed Comparison ▲▼ (Current Speed Comparison with Average Speed) -120.0 - 120.0 km/h -74.5 - 74.5 m/h	Clock 00:00 - 23:59:59 Temperature Temperature °C/°F

**SCAN**

In SCAN Mode, unit will sequentially jump to next mode every 5 seconds.  
 (Scan: CLOCK -> AVG SPD -> MAX SPD -> TRIP TIME -> DISTANCE -> ODO -> TEMP.)



**Notice**

1. Insert the battery into bicycle computer & transmitter, then start signal recognition and ID pairing.
2. Bicycle computer will go into OFF after 3 days idle. All data will be kept and continue to update after ON again by press any key.
3. Battery of the Bicycle Computer should be replaced when the LCD is weak and the segment become dim.
4. Low voltage alarm of the Transmitter will shown on the Bicycle Computer display in flashing.
5. When the Battery of the Transmitter is replaced, pairing with Bicycle computer is required. Press 'Set' and 'Mode' button for 3 second, pairing is started and set-up again.
6. Wheel Size Calculation: 3.14(TT) or 227 X Wheel Diameter.
7. Manual Wake Up - In energy saving mode, by pressing any key, the receiver main unit will wake up and to operating mode.
8. This product will not display appropriately when exceeding the Working Temperature range. Slow response or black LCD at lower or higher temperature may happen respectively.

**FCC Statement**

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 and 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.

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.

Caution:  
 Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Bicycle Computer Setting**

Insert the battery and lock the battery door. Unit will automatically go into setting mode and sequence as follows:



**LANGUAGE**

"S" Key: To switch between ENGLISH/DEUTSCH  
 "M" Key: To confirm to next setting



**CLOCK SETTING**

"S" Key : To switch between 12/24 hour format.  
 "M" Key: To confirm to next setting.  
 "M"Key: To confirm to next setting



**SPEED UNIT SETTING**

"S" Key : To switch between km/h and m/h  
 "M" To confirm to next setting.



**Bike A/B Setting.**

"SET W. A" will display  
 "S" key: to set bike a wheel size ("S"key to increment digit and "M" to next digit)



"SET W. B" will be display  
 "S" key: to set bike A wheel size ("S" key to increment digit and "M" to next digit)



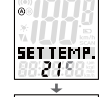
**TIRE CIRCUMFERENCE SETTING**

Enter the tire circumference of your bicycle.  
 The wheel diameter data can refer to the sheet of the last page.



**ODO SETTING**

"S" Key: To set ODO  
 Use "S" key to increment digit and "M" to next digit



**TEMPERATURE SETTING**

"S" Key: to select between °C/°F

Press "M" key again to exit setting mode.



**SETTING (In Operating Mode):**  
 Press and hold both "S" and "M" key for 5 seconds to enter the setting mode. The setting method is the same initial setup in the following sequence:



LANGUAGE -> SET CLOCK -> SET UNIT -> SET W. A -> SET W. B -> SET TEMP. (unit)  
 (Use "S" to select setting and "M" to skip to next setting.)



**CHANGE BIKE A/B:**  
 Press and hold "M" key for 3 seconds with Bicycle computer is required, press 'Set' and 'Mode' button for 3 second, pairing is started and set-up again.



**RESETTING DATA:**  
 If TRIP TIME exceeds 99'59"59, it will blink for 1 minute. After 1 minute, it will start over from 0'00"00.  
 If DISTANCE/ODO exceeds 999999, it will blink for 1 minute. After 1 minute, it will start over from 0.00.



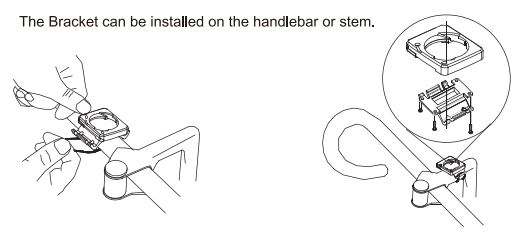
Press and hold the "S" button for 3 seconds in operating mode. The data of TT, DIS, AVS, MAX, Speed comparison (▲▼) will return to zero (except ODO and Clock).

**Installation**

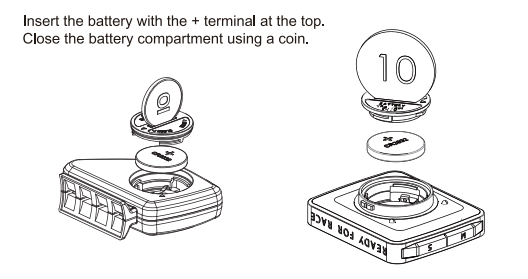
**1 Part List**

1. Bicycle Computer
2. Bracket
3. Cable Tie x2
4. Magnet & Screw
5. Battery (CR2032) x2
6. Transmitter
7. O-Ring x2

**2 Installation of Bracket**

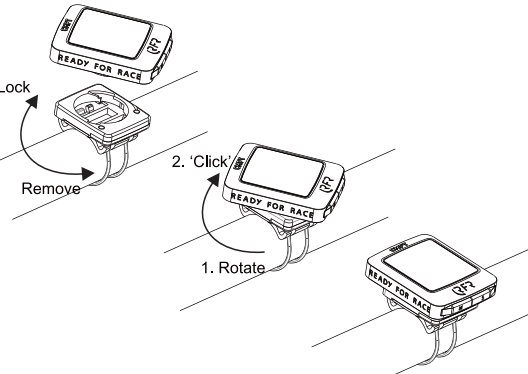


**3 Insert Battery**



**4 Install / Remove the Bicycle Computer**

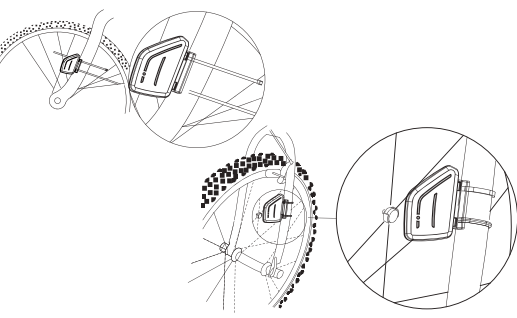
The bicycle computer is secured by turning it in a clockwise direction. To remove the bicycle computer, turn it in an anticlockwise direction.



**Installation**

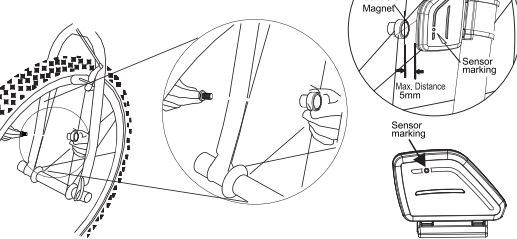
**5 Install The Speed Sensor and Magnet**

1. The speed sensor should be mounted on the same side of the fork as the holder is on the handlebar.

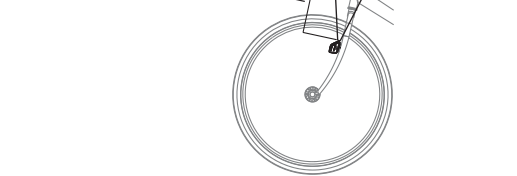


2. Install the magnet to the wheel spoke.

3. Distance between magnet and speed sensor should be within 5mm.



4. Transmission range of transmitter



**How to measure the exact wheel size**



Tire circumference reference table  
 Generally, the tire size or ETRTO is indicated on the side of the tire.

ETRTO	Tire Size	L (mm)	ETRTO	Tire Size	L (mm)	ETRTO	Tire Size	L (mm)	
47-203	12x1.75	935	28-540	24x1-1/8	1795	37-630	27x1-3/8	2169	
54-203	12x1.95	940	32-540	24x1-1/4	1905	40-584	27.5x1.5	2079	
40-254	14x1.50	1020	25-559	26x1(559)	1913	50-584	27.5x1.95	2090	
47-254	14x1.75	1055	32-559	26x1.25	1950	54-584	27.5x2.10	2148	
40-305	16x1.50	1185	37-559	26x1.40	2005	57-584	27.5x2.25	2182	
47-305	16x1.75	1195	40-559	26x1.50	2010	18-622	700x18C	2070	
54-305	16x2.00	1245	47-559	26x1.75	2023	19-622	700x19C	2080	
28-349	16x1-1/8	1290	50-559	26x1.95	2050	20-622	700x20C	2086	
37-349	16x1-3/8	1300	54-559	26x2.10	2068	23-622	700x23C	2096	
32-369	17x1-1/4(369)	1340	57-559	26x2.125	2070	25-622	700x25C	2105	
40-355	18x1.50	1340	58-559	26x2.35	2083	28-622	700x28C	2138	
47-355	18x1.75	1350	75-559	26x3.00	2170	30-622	700x30C	2146	
32-406	20x1.25	1450	58-590	26x1-1/8	1970	32-622	700x32C	2155	
35-406	20x1.35	1460	37-590	26x1-3/8	2068		700C Tubular	2130	
40-406	20x1.50	1490	37-584	26x1-1/2	2100		35-622	700x35C	2168
47-406	20x1.75	1515		650C Tubular	1920		38-622	700x38C	2180
50-406	20x1.95	1565		26x7/8			40-622	700x40C	2200
28-451	20x1-1/8	1545	20-571	650x20C	1938		42-622	700x42C	2224
37-451	20x1-3/8	1615	23-571	650x23C	1944		44-622	700x44C	2235
37-501	22x1-3/8	1770		650x25C			45-622	700x45C	2242
40-501	22x1-1/2	1785	25-571	26x1(571)	1952		47-622	700x47C	2268
47-507	24x1.75	1890	40-590	650x38A	2125		54-622	29x2.1	2288
50-507	24x2.00	1925	40-584	650x38B	2105		56-622	29x2.2	2298
54-507	24x2.125	1965	25-630	27x1(630)	2145		60-622	29x2.3	2326
25-520	24x1(520)	1735	28-603	27x1-1/8	2155				
	24x3/4 Tubular	1785	32-630	27x1-1/4	2161				

**Pending System GmbH & CO KG**  
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