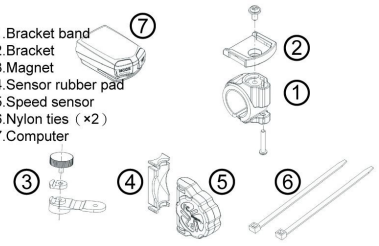
Wireless Diet computer Series
ACM-2902

Diet Computer Series

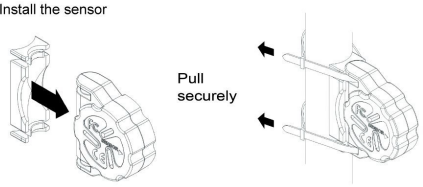
* Before using the light, please thoroughly read this manual and keep it for future reference.
* WARNING / CAUTION
• Do not concentrate on the computer while riding. Ride safely!
• If a child swallows a battery, consult a doctor immediately.
• Never place the computer on a metal surface. If you do, the contact points will conduct
• Avoid having the computer in direct sunlight for unnecessary or extended periods.
• LCD screen may be distorted when viewed through polarized sunglass lenses.
• Do not disassemble the computer.
• Do not drop the computer. Doing so may result in a computer malfunction or damage. electricity, discharging the battery.
• Install the magnet, sensor, and bracket securely. Check these periodically.
• Tighten the dial on the Flex-Tight bracket by hand only. Over-tightening can damage the bracket threads.
• Dispose of used batteries according to local regulations.
• When cleaning the computer, bracket and sensor, do not use thinners, benzene, or alcohol.

A. How to install the unit on your bicycle

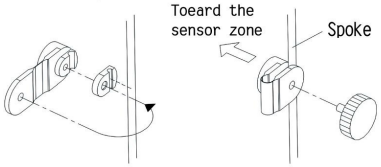
1.Bracket band
2.Bracket
3.Magnet
4.Sensor rubber pad
5.Speed sensor
6.Nylon ties（×2）
7.Computer



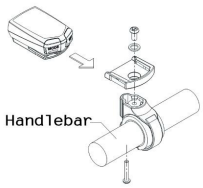
1.Install the sensor



2.Install the magnet

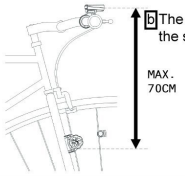


3.Attach the bracket to the handlebar

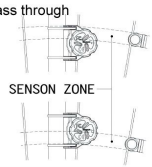


*After installation, rotate the front wheel gently to check that speed is displayed on the computer . If the speed is not display , check that conditions a , b , and c , have been done appropriately.

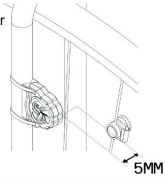
a The distance between the computer and the sensor must not exceed the transmission range of 70 cm.
The back of the computer must face the sensor.



b The magnet must pass through the sensor zone.



c The clearance between the sensor surface and the magnet must not exceed 5 mm.



B.The computer setting

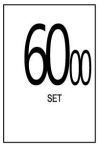
1.LCD's layout showed as following:

- LCD lights up for 2 second, then getting into tire size setting mode.

2.Tire size setting mode

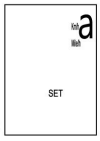
- A tire shape appears on the drawing area, showed as figure.
- Initial value 215.45 cm. Push MODE button for 5 second and the blinking digit moves to right one (this one will be blinking), then increase its value (0~9 circulatingly) by pushing SET button.
- When the digit is the most right one, push MODE button to finish tire size setting, and getting into TIME setting mode.
- Range of tire size (800 ~ 2,299 mm; resetting value: 2,160mm)

3. WEIGHT setting mode



- "kg" on LCD lights up, showed as the figure above
- Initial value "6" blinks; push SET button to circulatingly increase the value within 10 ~ 299.
- Push MODE button for 5 second and the blinking digit moves to right one (this one will be blinking), then increase its value (0~9 circulatingly) by pushing SET button.
- When the digit is the most right one, push MODE button to finish WEIGHT setting, and getting into KM / MILE setting mode.

4.KM / MILE setting mode



- "Km/h " on LCD lights up, showed as figure
- Push SET button to switch circulatingly Km/h and Mile/h figure.
- Push MODE button to finish Km/h and Mile/h setting, and getting into AUTO setting mode.

5. Auto ON / OFF setting Mode

- Auto " ON" figure on LCD lights up, showed as the figure above.
- Push SET button to switch circulatingly auto ON and OFF figure, then the computer operation or tire pulse input on this unit for 5 minutes, this unit will get into AUTO or Manual operation.
- Push MODE button to finish auto ON / OFF setting, and getting into TIME setting mode.

6. TIME setting mode

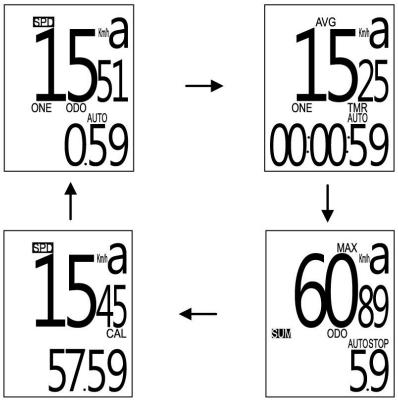
-- "24H" on LCD lights up, showed as figure
- Push SET button to switch circulatingly 24H and 12H figure.
- When the digit is the most right one, push MODE button to finish TIME setting, and getting into TALL setting mode.

7.CLOCK setting MODE

- The AM / PM clock shape appears on the drawing area, showed as the figure above.
- Initial value "00" blinks; push SET button to circulatingly increase the value within 0 ~ 23.
- Push MODE button and the blinking digit moves to right one (this one will be blinking), then increase its value (0~9 circulatingly) by pushing SET button.
- When the digit is the most right one, push MODE button to finish clock setting.
- Finish setting and get into to display mode.

C.Digital Display

Use MODE button:
Push Mode button (for less than 5 seconds) to switch function display mode (figure), the sequences are showed as following:
The Upside Screen display Speed:
Current Speed (SPD) → Average Speed (AVG)
→ Maximum Speed (MAX) →Current Speed(SPD)
The bottom Screen display Time:
One Odometer (ONE _ODO) → One trip time (TMR)
→ Total Odometer (SUM_ODO) → Calory (CAL)



D. Clear all the data (initialization)

Press the RESET button on the back.

E. Maintenance

To clean the computer or accessories, use diluted neutral detergent on a soft cloth, and wipe it off with a dry cloth.

F. Replacing the battery

-If the display appears faded, replace the battery.
Install a new lithium battery (CR2032) with the (+) side facing upward.

-If sensor reception is poor, replace the battery.
After replacement, check the positions of the sensor and magnet

G. Specification

Battery Computer : (CR2032) x 1
Battery Sensor : (CR2032) x 1
Display ..... Liquid crystal display
Working temperature ..... 32°F - 104°F (0°C - 40°C)
Dimensions/weight ..... 48 x 31 x 18 mm / 0.78 oz (21.8 g)

H. Tire circumference reference chart

Enter the tire circumference of your bicycle in mm.
* Refer to the tire circumference reference table.

Tire Size	L (cm)	Tire Size	L (cm)	Tire Size	L (cm)
12 x 1.75	93.5	26 x 1(59)	191.3	650 x 20C	193.8
14 x 1.50	102.0	26 x 1(65)	195.2	650 x 23C	194.4
14 x 1.75	105.5	26 x 1.25	195.3	650 x 35A	209.0
16 x 1.50	118.5	26 x 1-1/8	197.0	650 x 38A	212.5
16 x 1.75	119.5	26 x 1-3/8	206.8	650 x 38B	210.5
18 x 1.50	134.0	26 x 1-1/2	210.0	700 x 18C	207.0
18 x 1.75	135.0	26 x 1.40	200.5	700 x 19C	208.0
20 x 1.75	151.5	26 x 1.50	201.0	700 x 20C	208.6
20 x 1-3/8	161.5	26 x 1.75	202.3	700 x 23C	209.6
22 x 1-3/8	177.0	26 x 1.95	205.0	700 x 25C	210.5
22 x 1-1/2	178.5	26 x 2.00	205.5	700 x 28C	213.6
24 x 1	175.3	26 x 2.10	206.8	700 x 30C	214.6
24 x 3/4 Tubular	178.5	26 x 2.125	207.0	700 x 32C	215.5
24 x 1-1/8	179.5	26 x 2.35	208.3	700C Tubular	213.0
24 x 1-1/4	190.5	26 x 3.00	217.0	700 x 35C	216.8
24 x 1.75	189.0	27 x 1	214.5	700 x 38C	218.0
24 x 2.00	192.5	27 x 1-1/8	215.5	700 x 40C	220.0
24 x 2.125	196.5	27 x 1-1/4	216.1	29 x 2.1	228.8
26 x 7/8	192.0	27 x 1-3/8	216.9		

I. Troubleshooting

MODE does not work when the computer is mounted on its bracket.

Check that there is no dirt between the bracket and the computer.
Wash off the bracket with water to get rid of any dirt, and to ensure that the computer slides in and out smoothly.

No display.

Is battery in the computer run down?
Replace it. Then reinitialize the computer.

Incorrect data appear.

Reinitialize the computer.

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