Cycle Computer - CY-100W

Congratulation!

You have decided for a cycle computer to help you achieve your health & wellness. It gives you the true image of your exercise work in precise way.

CY-100W is designed to give feedback required by the most discerning cyclists, in which is with all the functionality on one large easy to read display. **CY-100W** is a premier cycle computer for your challenge ride. With the wireless technology, users can enjoy their cycling.

Before use **CY-100W**, please read through the manual that guides you on how to operate it correctly & quickly. **CY-100W** offers you very useful features to customize your exercise and gain the best & accurate measurement. After exercise, you may view your fitness result by pressing the button. It would be better to keep this manual for reference.
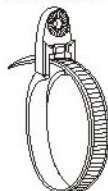
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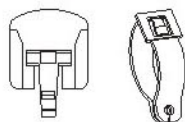## Main Item List

CY-100W Cycle Computer

Battery Cover
Mode key
Set key
Start/ Stop key
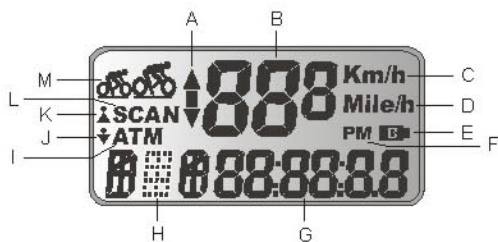
Sensor band   **Sensor**

Battery Cover

Bracket   **Rubber**

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A.) Average Speed Symbol if Upper/ Lower Current Speed
B.) Current Speed Display
C.) Speed Scale Symbol Km/h
D.) Speed Scale Symbol Mile/h
E.) Low Battery Indicator
F.) PM indicator
G.) Sub Display
H.) Mode Symbol
I.) ATM (Auto Timer)
J.) Gender - Male
K.) Gender - Female
L.) SCAN
M.) Motion Display

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How to Use it as Cycle Computer
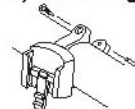
1) Wheel Circumference

To get the accurate result, the wheel size should be correct. Mark the symbol on the tire and ride one circle. Then measure the length between two points that result comes out.
Or you can get wheel circumference by the following equation:
Circumference (Ccm) = 2×3.14×R (inch) ×2.54 (1 inch = 2.54 cm)
R=Radius in centimetre
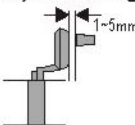
2) Installing the Bracket

Use the rubber pad tightens the bracket to the handlebar stem.

3) Installing the Speed Sensor

Check the position of the front pork to find the suitable point to attach the speed sensor. The distance between **CY-100W** & the speed sensor would be in 60 cm.

4) Installing the Magnet

1~5mm

Put the Magnet on the right spokes of the front wheel and must face the speed sensor. The max distance between the speed sensor and the spoke magnet should be 5 mm. Once above items in the right position, you may go for a ride.

Note: Please check the handlebar that can be operated normally before riding your bicycle.

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CY-100W Feature List

Watch Feature
Time of the Day
Stopwatch
Low Battery Indicator
Water Resistant
Easy to Read Large Display

Special Feature
User Settings
Exercise Time
Cumulative Calories of the Active Exercise
User Changeable Batteries (sensor and Receiver)
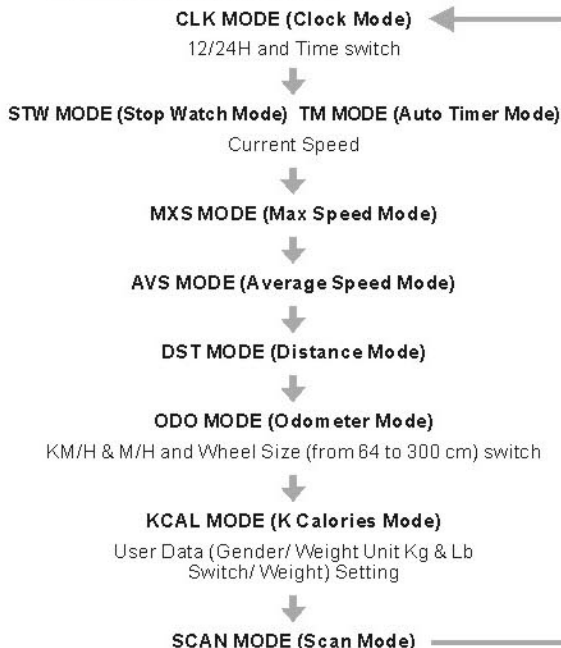State-of-art Stylish Design

Cycling Feature
Trip Distance
Intelligent & Elegant Wheel MOTION Device
Accurate Current Speed
AVG. Speed with Indicator
Max. Speed
Miles or Kms
Multi-Windows Displays
ATM (Auto Timer)
Odometer
Wireless
Motion Activity Display

Mode Change

● Press "M" key to change mode.

CLK MODE (Clock Mode)
12/24H and Time switch
⬇
STW MODE (Stop Watch Mode) TM MODE (Auto Timer Mode)
Current Speed
⬇
MXS MODE (Max Speed Mode)
⬇
AVS MODE (Average Speed Mode)
⬇
DST MODE (Distance Mode)
⬇
ODO MODE (Odometer Mode)
KM/H & M/H and Wheel Size (from 64 to 300 cm) switch
⬇
KCAL MODE (K Calories Mode)
User Data (Gender/ Weight Unit Kg & Lb
Switch/ Weight) Setting
⬇
SCAN MODE (Scan Mode)
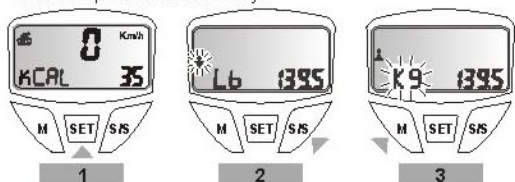
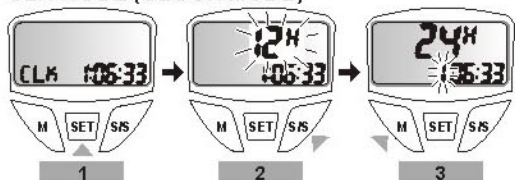# OPERATION PROCESS

User Set
In order to get the exact exercise result, enter your personal Data (Gender/ Weight Unit Switch/ Weight) into computer is necessary.

● Go KCAL MODE by pressing "M" key, then press "SET" key to go User Set. By pressing "S/S" key & "M" key alternatively to enter the correct personal data. Press "SET" key when complete.

Functional Set

CLK MODE (CLOCK MODE)

● Press "SET" key .
● Press "S/S"key to adjust 12/24 hours.
● Then press "M"& "S/S" key to adjust time. When complete, press "SET" key.

STW MODE (Stop Watch Mode)

● Press "S/S" Key to start/ stop STW MODE.

TM MODE (Auto Timer Mode)

● When in the STW MODE, press "SET" Key in switch to TM MODE.

Note: Auto Timer would operate automatically when there is motion.

Note: Importantly, when press the "S/S" key for 3 seconds, all exercise results in display would return to Zero, except ODO mode.

Low Battery Indicator
When the battery is at low level, the "▭" will appear on the display that remind you to replace a new battery - CR2032 batteries.

Motion activities display
When start to ride, the motion symbol will show on the display. If you work fast, the icon will act quickly.

Measure Mode

Current Speed
When the user works, the computer will show his/her current speed as shown in picture.

MXS MODE (Max Speed Mode)
It would display user's Max Speed from the beginning to the current point.

AVS MODE (Average Speed Mode)
It would display user's Average Speed from the beginning to the current point.

| 1 | 2 |

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Note: If the average speed is above/ below current speed, the symbol of ⬆⬇ would show up.

Note: If your time or distance is over the max. Value (time 9 hr: 59 min: 59 sec) & (Distance: 999.99km), **CY-100W** will not allow to measure correct average speed and show "Err" on the display. Once the time & distance value has been re-set, the average speed will show normally.

DST MODE (Distance Mode)

It would display user's distance from the beginning to the current point.

ODO MODE (Odometer Mode)
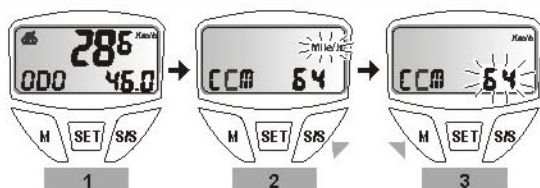Display total RPM from the beginning to the current point.

Note: Odometer mode will return to Zero, when battery taken out.

Set the wheel size from 64 cm to 300 cm
● By pressing "SET" key to setting mode, then press "S/S" & "M" keys alternatively to select the switch of Km/h or Mile/h and then to chose the right wheel size. For further this information, please refer to 1) wheel circumference on page 4.

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| 1 | 2 | 3 |

Note: Importantly, when press the "S/S" key for 3 seconds, all exercise results in display would return to Zero, including ODO mode.

KCAL MODE (K Calories Mode)

● Press "M" key to see the record of Calories consumed from the beginning to the present point.

SCAN MODE (Scan Mode)
When in Kcal mode, press "M" key, then the icon of scan will appear that cycle computer will automatically scan your current active result in different mode from CLK, STW, MXS, AVS, DST, ODO, to KCAL. It will automatically switch from one mode to another one every 4 seconds.

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MAINTENANCE

CY-100W cycle computer
If the display contrast changes and figures become faint, it's time to replace the computer battery. Consider changing the computer sensor and transmitter batteries at the same time.
It's a good practice.

Note: Do not expose **CY-100W** computer to extremely cold or hot temperatures i.e. don't leave your unite in direct sunlight for extended periods of the time.

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

Bracket/Magnet/Sensor band
The above items can be rinsed in surface fresh water or washed with a mild soap.

Battery replacement
CY-100W computer: Unscrew the back cover. Look closely at the battery. Gently remove the battery and replace it with a new battery model CR2032. the (+) side facing up.

Sensor: Unscrew the back cover. Look closely at the battery. Gently remove the battery and replace it with a new battery - model CR2032. the (+) side facing up.

Note: Be careful not to over tighten and strip the casing.

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TROUBLESHOOTING

1. Display is black or very light:
The battery power may be low. Try a new battery to make sure the battery is installed correctly.

2. Display becomes dark or black:
The unit is too hot. Place the unit in a shaded area, and it should return to normal.

3. The unit operates slowly or struggled:
The unit is too cold. Warm the unit, and it should return to normal.

4. Date in display varies enormously:
Check your surroundings for electromagnetic or high energy interference and move away from the source of interference.

5. Data in display shows slowly
It may be affected by low temperature factor but it didn't influence the function reading. When the temperature rises, the data reading/switch will back to the normal.

6. Current speed does not appear
It may be caused by the following situation:
The distance & position between magnet and sensor to adjust.

SPECIFICATIONS

	Receiver	Speed Sensor
Operating Temperature	0℃ ~ 40℃	0℃ ~ 40℃
Storage Temperature	-14℃ ~ 10℃	-14℃ ~ 10℃
Emitted Frequency	N/A	215KHz±5%
Battery	3 volt lithium 2032 cell	3 volt Lithium 2032 cell
Weight	30.6 grams	20 grams

Stopwatch Range: 0~9 (hour): 59 (minute): 59 (Second)
Accuracy 1/100 seconds

Timer Range: 0~9 (hour): 59 (minute): 59 (Second)

Current Speed Range: 0~99.9 KM/ 0~62 Mile

Average Speed Range: 0~99.9 KM/ 0~62 Mile

Maximum Speed Range: 0~99.9 KM/ 0~62 Mile

(Trip) Distance Range: 0~999.99 KM/ 0~600 Mile

Odometer Range: 0~9999.9 KM/ 0~6200 Mile

Calories Used Range: 9999 Kcal

LIMITED WARRANTY

This product is for one year limited warranty commencing on the date of purchase. The product will be free from defects in material and workmanship for one year from the date of purchase.

○ 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 the repairs are done by non authorized service technician.

○ The warranties contained herein are expressly in lieu of any other warranties including implied warranty of merchantability and/ or fitness for purpose. In no event shall manufacturer be liable for any damages, direct or incidental, consequential or special, arising out of or related to the use of this manual or the products described herein.

○ During this warranty period (one year) the product will either be repaired or replaced without charge.

Wireless Cycle Computer -
CY-100W