

FEATURES

ATTENTION: Computer Functions refer to the packing details.

FUNCTIONS	4	5	7	9	13	16
Speedometer (SPD) - 0-99.9 KM/hr or M/hr	●	●	●	●	●	●
Tripmeter (DST) - 0-999.9 KM or M	●	●	●	●	●	●
Odometer (ODO) - 0-9999.9 KM or M	●	●	●	●	●	●
Auto Trip Timer (TM) - 9: 59' 59"	●	●	●	●	●	●
Maximum Speed (MXS) - 0-99.9 KM/hr or M/hr	●	●	●	●	●	●
Average Speed (AVS) - 0-99.9 KM/hr or M/hr	●	●	●	●	●	●
Scan - for DST, MXS, AVS, TM	●	●	●	●	●	●
Freeze Frame Memory - for TM, AVS, DST	●	●	●	●	●	●
Speed Comparator - (+ or -)	●	●	●	●	●	●
Digital Clock	●	●	●	●	●	●
12 / 24 Hour Selectable	●	●	●	●	●	●
Speed Tendency or	●	●	●	●	●	●
Odometer Save Function	●	●	●	●	●	●
Temperature (-10°C to +50°C)	●	●	●	●	●	●
°C / °F Selection	●	●	●	●	●	●
Maintenance Program	●	●	●	●	●	●
*EL BACKLIGHT (OPTIONAL)	✓	✓	✓	✓	✓	✓

COMPUTER

Slide the computer onto the mounting bracket until it snaps firmly into position. Press the release button to take out the computer as shown in Fig. 1.

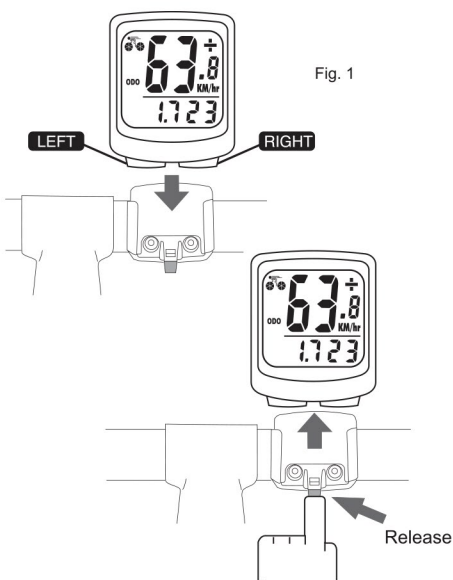


Fig. 1

ATTENTION!! Refer to the appendix for installation reference.

START / STOP

To start the unit, press the RIGHT button to turn on the display and the wireless mounting system. To stop the unit, leave unused for over 5-6 minutes and then the computer will automatically switch off to preserve batteries.

WHEEL SIZE INPUT

Press and hold LEFT and RIGHT buttons for 2 seconds or after the replacement of battery, the unit is switched to wheel size input mode. Multiply wheel diameter, d (Fig. 2) in millimeters by 3.1416 to determine wheel factor, c.

Press the LEFT button to select digit to be input and the RIGHT button to adjust the digit to the desired number (hold for fast advance). Press the LEFT button again to KM/MILE selection. (Note: removing battery will erase Wheel Size Input)

For convenience you can refer to the chart of wheel diameter size factor inputs.

Fig. 2

distance in millimeter per one turn

Wheel Diameter d	Wheel Factor c
20"	1596
22"	1759
24"	1916
26" (650A)	2073
26.5" (Tubular)	2117
26.6" (700x25C)	2124
26.8" (700x28C)	2136
27" (700x32C)	2155
28" (700B)	2237
(w/tire)	
ATB 24"x1.75	1888
ATB 26"x1.4	1995
ATB 26"x1.5	2030
ATB 26"x1.75	2045
ATB 26"x2 (650B)	2099
27"x1	2136
27"x1 1/4	2155

FREEZE FRAME MEMORY

Press the LEFT button, Freeze Frame Memory can lock the display at the end of a ride segment and information TM, DST and AVS which will be flashing, can be read at a later time by pressing the RIGHT button. To release the memory, press the LEFT 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 replacement of battery. To set ODO, after battery replacement and wheel size setting, press RIGHT button to ODO mode and then press and hold LEFT button for 2 seconds until the last digit flickering. To adjust number, press the RIGHT button. Press the LEFT button to confirm. Repeat above sequence to reach the desired odometer value. Press the LEFT button again to return to normal ODO mode.

BACKLIGHT (OPTIONAL)

The backlight can be turned on either as follows:
1) Holding the RIGHT button for 2 seconds, the light will be turned on for 8 seconds and the computer will then go to fast scan mode with trip distance, maximum speed, average speed and trip timer displayed once.
2) Press once on the LEFT Button, the light will be turned on for 4 seconds and the computer will go to the freeze frame

KM / MILE SELECTION

After the wheel size input, select kilometers or miles as the measurement for distance. Press the RIGHT button to choose between kilometer (KM) and mile (M), press the LEFT button to confirm.

MAINTENANCE PROGRAM

It is used to remind you for the parts replacement or to lubricate the chain and wheels after the preset distance is reached. Right after KM/ MILE selection, the preset total distance of 600km (or miles) will flash, press the RIGHT button to select between 200, 400, 600 & 800km (or miles) and press LEFT button to confirm.

For example, if 600 km is selected, the spanner will flash whenever the total distance (ODO) reach 600, 1200, 1800km (or miles).

Press the LEFT button to stop flashing of spanner .

SPEED COMPARATOR (Cadence)

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 (Acceleration & Deceleration)

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

MALFUNCTION

PROBLEM

Inaccurate maximum speed reading	Unknown atmospheric or RF interference
No speedometer reading	Improper magnet/transmitter alignment Check battery and correct installation
Slow display response	Temperature outside of operating limits (0-55 °C)
Black display	Temperature too hot, or display exposed to direct sunlight too long
No trip distance reading alignment	Check correct transmitter / magnet Check battery and correct installation
Display shows irregular figures	Take out computer battery and install again

SPEEDOMETER (SPD)

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].

CLOCK (12H / 24H)

A 12 or 24-hour digital clock is indicated by the flickering colon on the bottom line. To switch between the 12 and 24 hour format or to adjust time, press the LEFT button for 2 seconds. "24H" will start to flicker. Use the RIGHT button to select "12H" for 12-hour format or "24H" for 24-hour format. Press the LEFT button to confirm. Next the hour digits will start to flicker. Use the RIGHT button to select the hour. To change minutes, press LEFT button again. The minutes will start to flicker. Use the RIGHT button to select the minutes. Press the LEFT button once more to return to CLOCK mode. Press the RIGHT button to enter ODO mode.

ODOMETER (ODO)

Total distance travelled is indicated by ODO and displayed on the bottom line. To reset ODO, press and hold LEFT and RIGHT buttons for 2 seconds or remove the battery. Press the RIGHT button to enter DST mode.

TRIPMETER (DST)

(Trip Information Reset Mode)

Trip distance measurement is indicated by DST and is displayed on the bottom line. Tripmeter is activated automatically with speedometer input. Reset DST to zero by pressing the LEFT button for 2 seconds; DST (Trip distance), TM (Trip Timer) & AVS (Average Speed) will also be reset at that time. Press the RIGHT button to enter MXS mode.



TRIP TIMER (TM)

Trip Timer measurement is indicated by TM and is displayed on the bottom line. Trip Timer is activated automatically with speedometer input [On when you ride and off when you stop.] It records only the time spent actually riding. Reset TM to zero by pressing the LEFT button for 2 seconds in DST mode. Press the RIGHT button to enter Temperature mode.



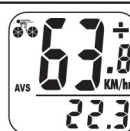
TEMPERATURE

Press and hold LEFT button for 2 seconds, "°C" will start to flash. Press RIGHT button to select "°C" or "°F" and press LEFT button to confirm. Press RIGHT button to enter the Scan mode.



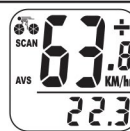
AVERAGE SPEED (AVS)

Average Speed measurement is indicated by AVS and is displayed on the bottom line. AVS is calculated with the Trip Timer (TM), so AVS is the average speed only while riding. Press the RIGHT button to enter TM mode.



SCAN

The Scan mode allows DST, MXS, AVS and TM to cycle on the screen without pressing any keys. Press the RIGHT button to enter the Clock mode.



SERFAS
CYCLE COMPUTER

INSTRUCTION MANUAL



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