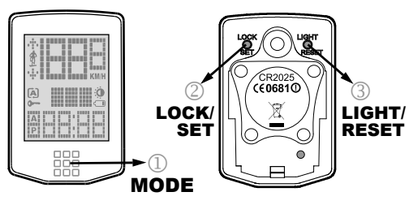
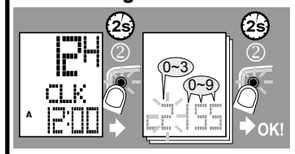
BIKEHUT

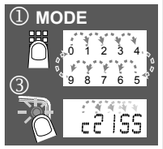
4403000000_20090423_v1

151657 Bikehut 11 Function Computer

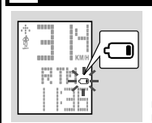


Data Setting Mode

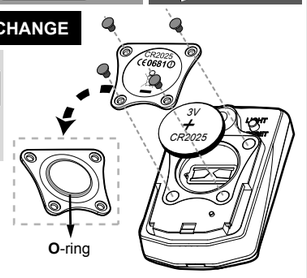




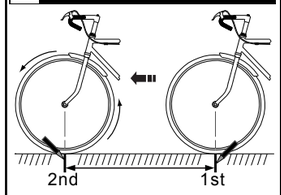
c. BATTERY CHANGE



Low battery indicator

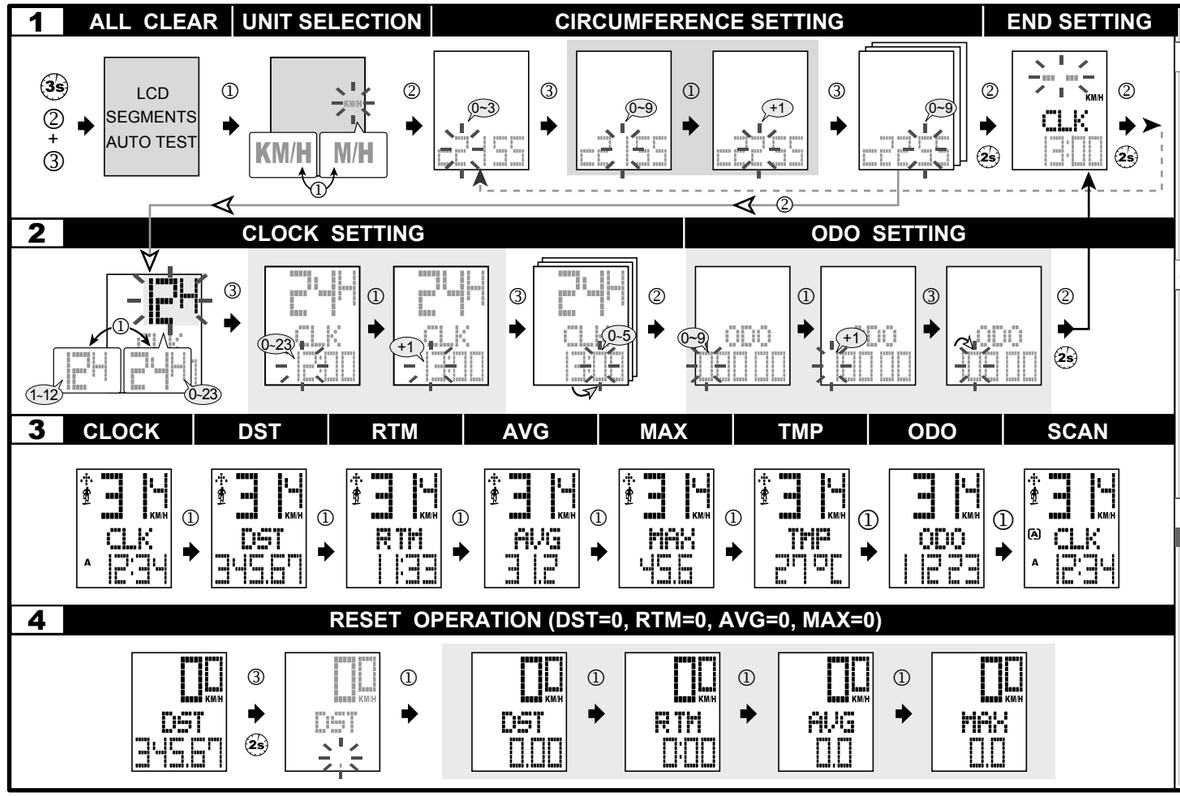


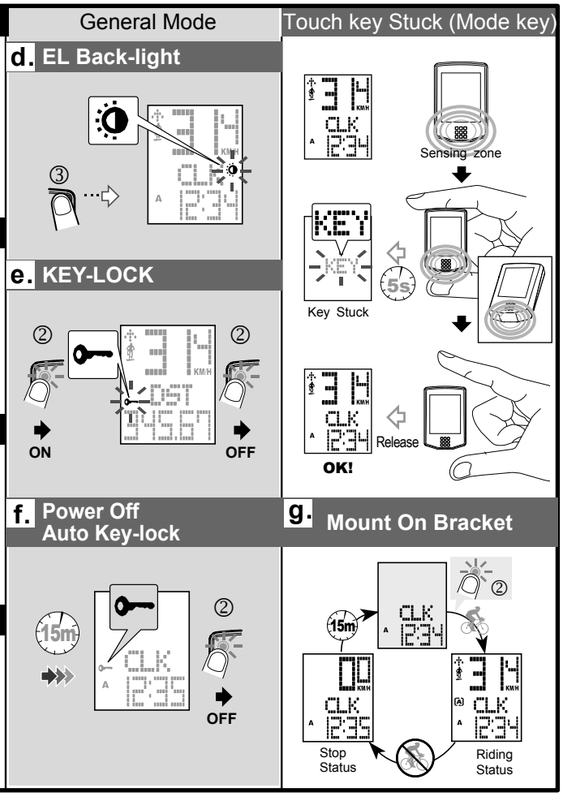
a. WHEEL CIRCUMFERENCE



b. POPULAR TIRES CIRCUMFERENCE REFERENCE TABLE

Tire Size	Circumference Nunber
18 Inch□	1436 mm
20 Inch□	1596
22 Inch□	1759
24x1.75□	1888
24 Inch□	1916
24x 1 3/8□	1942
26x1.40□	1995
26x1.50□	2030
26x1.75□	2045
26x1.95□	2099
26x2.1□	2133
700C TUBULAR□	2117
700x20C□	2092
700x23C□	2112
700x25C□	2124
700x28C□	2136
700x32C□	2155
700x35C□	2164
700x38C□	2174
27.5 Inch□	2193
28 Inch (700B)□	2234
28.6 Inch□	2281





English

MAIN UNIT SETUP (Fig. 1)

When setting up the computer do not have the computer on the handlebar bracket and ensure that the computer is only held by the sides.

INITIATE THE COMPUTER (ALL CLEAR)

1. A battery is already loaded in the main unit when purchased.
2. Hold down the SET button ② and RESET button ③ simultaneously for more than 3 seconds to initiate the computer and clear all data. ***IMPORTANT: Be sure to initiate the computer before it is be used, otherwise the computer may run errors.***
3. The LCD segments will be tested automatically after the unit is initiated.
4. Press MODE button ① to stop LCD test, then the flickering "KM/H".

UNIT SELECTION

Press MODE button ① to choose KM/H or M/H. Then press the SET button ② to store selection.

WHEEL CIRCUMFERENCE

- **Precise Measurement (Fig. a)**
  Roll the wheel until the valve stem is at its lowest point close to the ground, then mark this first point on the ground. Get on the bicycle and have a helper push you until the valve stem returns to its lowest point. Mark the second point on the ground. Measure the distance between the marks. Enter this value to set the wheel circumference.
- **Quick Table (Fig. b):** ***Get a suitable circumference value from the table.***

FUNCTIONS (Fig. 3)

: Current Speed□ 0.0–199.9Km/h (120.0 Mile/h), 0.1Km/h (Mile/h), +/- 1%
The current speed is always displayed on the upper set when riding. It displays current speed up to 199.9 Km/h or 120.0 Mile/h (for wheel diameters over 24 inches).

CLK: 12HR or 24HR Clock□ 1H00M–12H59M or 0H00M–23H59M, 1 Minute, +/- 0.3%
It can display the current time either in 12HR or 24HR clock.

DST: Trip Distance□ 0.00–999.99Km (Miles), 0.01Km (Mile), +/- 0.01%
The DST function accumulates the distance data from the last RESET operation as long as the bike is being ridden.

RTM: Riding Time□ 0M00S-59M59S, 1 Second, 0H00M-99H59M, 1 Minute, +/- 0.03%
1. The RTM totals the riding time from the last RESET operation.
2. It displays in 1 second increments when RTM is less than 1 hour and changes to 1 Minute increments after 1 hour. It will restart from zero after 100 hours.

AVG: Average Speed 0.0–199.9Km/h (120.0Mile/h), 0.1Km/h (Mile/h), +/- 0.1%
1. It is calculated from the DST divided by the RTM. The average data counted is from the last RESET to current point.
2. It will display "0.0" when RTM is less than 4 seconds.
3. It is updated about one second when RTM is over 4 seconds.

MAX: Maximum Speed□ 0.0–199.9Km/h (120.0Mile/h), 0.1Km/h (Mile/h), +/- 1%
It shows the highest speed from the last RESET operation.

TMP: Current Temperature °C / °F -10°C ~ 60°C (14°F ~ 140°F)

ODO: Odometer 0-99999Km (Miles), 1Km (Miles), ± 0.1%
The ODO accumulates total distance as long as the bicycle is running, the ODO data can be cleared by the All Clear operation only.

Ⓐ : SCAN

1. Auto-Scanning Display Mode.
   Press the MODE button ① till the Ⓐ symbol is displayed. The computer will change the display modes in a loop sequence automatically every 5 seconds.
2. Fixed Display Mode.
   Press the MODE button ① to turn off the Ⓐ symbol and select a desired display mode; the computer will stop the auto-scanning display operation.

/ : Speed Pacer

It flashes the speed pacer arrow while the current speed is higher than the average speed and the down arrow flickers conversely.

BUTTON AND OPERATIONS

After 15 minutes of inactivity the computer will lock the mode button and will show a key on the screen (fig e), to unlock press button ②.

MODE BUTTON ①

Quickly press this button to move in a loop sequence from one function screen to another.

LOCK/SET BUTTON ②

Hold down this button 2 seconds to get in or out the setting screens when you want to reset to bike, or the current time of the CLK.

LIGHT/RESET BUTTON ③

1. Light for 4 seconds after each press. ***(Fig. d)***
2. The symbol " " will apper to indicate the EL back-light functuon is at working status.
3. Hold down the "RESET" button ③ till the LCD digit is blank, then release it. The computer will RESET the DST, RTM, AVG, MAX.

CLOCK SETTING (Fig. 2)

1. Change the LCD display to CLK screen.
2. Press the SET button ② to enter the clock adjusting screen to setting the clock.
3. A quick press of the MODE button ① to select 12HR or 24HR.
4. Adjust the clock data as the data setting procedures.

RESET OPERATION (Fig. 4)

1. Hold down the RESET button ③ till the LCD digit is blanked, then release it. The computer will reset AVG, DST, RTM and MAX data from stored values to zero.
2. It cannot reset ODO, CLK.

AUTOMATIC START/STOP

1. The computer will automatically begin counting data upon riding and stop counting data when riding is stopped.
2. The flickering symbol " " indicates that the computer is at start status.

POWER AUTO OFF

To preserve battery, this computer will automatically switch off and just displays the CLK data when it has not been used for about 15 minutes. The power will be turned on by pressing the SET button ② ***(Fig. g).***

LOW BATTERY INDICATOR

1. The symbol " " will appear to indicate the battery is nearly exhausted.
2. Replace battery with a new one within a few days after the symbol was appeared, otherwise the stored data may be lost when the battery voltage is too low.

BATTERY CHANGE (Fig. c)

1. All data will be cleared when battery is replaced.
2. This computer allows you to re-key in data of ODO which you have had rode after replacing battery.
3. Keep record the ODO data before you remove the old battery.
4. Replace with a new CR2025 battery in the compartment on the back of the computer with the positive (+) pole toward the battery cap.
5. Initiate the main unit again.

PRECAUTIONS

1. Do not leave the main unit exposed to direct sunlight when you don't ride the bike.
2. Do not try to disassemble the main unit or its accessories.
3. Check relative position between sensor, magnet and main unit periodically.
4. Don't use thinner, alcohol or benzine to clean the main unit or its accessories when they become dirty.
5. Remember to pay attention to the road while riding.

TROUBLE SHOOTING□ Check the following before taking unit in for repairs.

PROBLEM	CHECK YOUR COMPUTER	REMEDY
No display	1. Is the battery dead? 2. Is the battery installation correct?	1. Change one new battery. 2. Be sure that the positive pole of the battery is facing the battery cap.
No current speed or incorrect data	1. Is it at the MAIN UNIT SETUP or other setting displays? 2. Is the relative position, gap between sensor and magnet correct? 3. Is the circumference value input correct? 4. Is the sensing distance too long or the installation angle of the sensor incorrect? 5. Is the sensor battery nearly exhausted? 6. Is there any strong interference source nearby?	1. Refer to the setting procedure and complete the adjustment. 2. Refer to Installations and re-adjust position and gap correctly. 3. Refer to "Circumference Setting" and enter correct value. 4. Refer to Installations and adjust distance or angle between the main unit and the sensor. 5. Change one new battery. 6. Move the computer from this interference source.
Irregular display		Refer to the "Main Unit Setup" and initiate the computer again.
LCD is black	Have you left the main unit exposed to direct sunlight and no riding for a long time?	Place main unit in the shade to return to normal state. There won't be negative effect for data.
Display is slow	Is the temperature below 0°C (32°F)?	Unit will return to normal state when the temperature rises.

□ **Sensor:** □ No Contact Magnetic Sensor.
□ **Battery Type:** □ 3.0V Battery X 1 (Typical No. CR2025)
□ **Battery Operating Life:** □ CR2025 in Main Unit About one year
□ □ (based on the average riding time of 1.5 hours per day)
□ □ CR2032 in Speed Transmitter Around 24000km
□ **Dimensions/Weight:** □ 33 x 51 x 13.5mm / 22.4g
□ **Wheel Circumference Setting:** □ 1mm - 3999mm (1mm increment)
□ **Operation Temperature:** □ 0°C ~ 50°C (32°F ~ 122°F)
□ **Storage Temperature:** □ -10°C ~ 60°C (14°F ~ 140°F)