# GPS 2.0 Watch Instruction Manual

**Introduction**

Thank you for purchasing the GPS watch. This GPS watch is packed with personal Training features like speed, trip time, laps, etc. GPS can display your current location in an electronic map. Watch features include 12/24H Time format, Chronograph, World time, 5 daily Alarms, 6 Interval Timers, Run and Run Data modes. This watch can communicate with a PC to store and review your performance. This watch uses a rechargeable battery that can be charged through USB port of your PC.

**Caring for your GPS watch:**

Clean your GPS watch and heart rate monitor with a dampened cloth preferably with mild detergent solution. Wipe dry using a dry cloth. Do not use chemical cleaners and solvents that may damage plastic components.

Do not store your GPS watch to prolonged exposure to extreme temperatures as this may result to permanent damage to your unit.

**About GPS:**

Global Positioning System (GPS) is a satellite- based navigation system made up of a network of 24 or more satellites. GPS works best in clear weather condition, anywhere in the world, 24 hours a day. Tall buildings may interfere with GPS accuracy. When 3 satellite signals are received, the watch will have 2D GPS fixed (Latitude and Longitude). When 4 or more satellite signals are received, the watch will have 3D GPS Fixed.

**Water immersion:**

This GPS watch is designed to be water resistant up to 3 ATM. It can resist water pressure up to 30 meters. After submersion to water, please make sure to wipe dry and air dry the unit before using or charging.

**Caution**: This unit is not intended to be used while swimming. Prolonged water submersion may cause electronic shorting in the unit which may cause minor skin burn or irritation.

**Getting Started**

**Step 1) Know your watch:**

**Push button location:**



**Push button Function:**

**S1 –** Start / Lap / **+**

**S3 –** View / Enter

**S5** – Stop / Save / **-**

**S7 –** Mode

**S9** – GPS

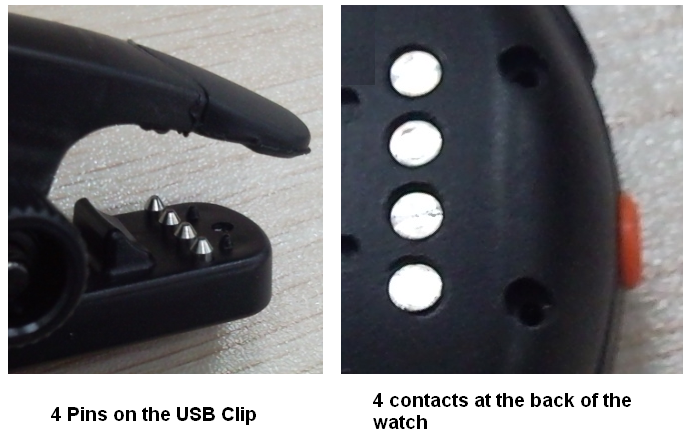
**S11** – Light / Set

Note: Actual color of the watch and artwork may vary from style to style.

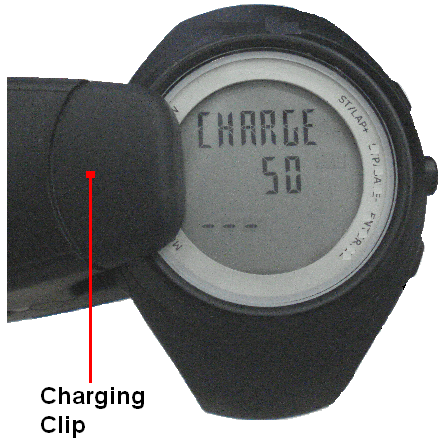
**Step 2) Charging the Battery:**

Charge the unit for about 4.5 hours before first use. The length of time for a fully charged battery will last depending on the actual usage. It is recommended to regularly re-charge your battery every 1-2 months even if it is not used to maintain good battery condition.

1. Plug your USB PC link cable to your PC
2. Align the charging clip with the contacts on the back of the watch.



1. Connect the charging clip securely to the watch.



Note: Please thoroughly dry the charging contacts and surrounding area to ensure proper electrical contact and prevent corrosion.

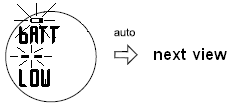
When the battery is low, it is time to charge the GPS watch. The possible screen when you charge your watch.

Once the battery is full, it will display CHARGE 100% FULL.



**Battery low condition:**

You cannot turn ON the GPS when the battery is low. The watch will display BATT LOW. The battery icon will blink. You need to recharge the battery in order to use the GPS again.



When the battery is almost low and you still perform your exercise, your data may not be saved if the battery becomes low. Please make sure the battery have enough battery power before doing your exercise in order not to lose your data.

When the battery level becomes very low, the watch will automatically turn OFF the display (blank-screen).

**Step 3) Acquire Satellite signals:**

To get the correct time of day and begin using your GPS watch, you have to acquire GPS signals. It may take few minutes to acquire the satellite signals.

1. Go outside to an open area away from tall buildings and trees. Orient the GPS antenna towards the sky for best reception. The antenna is located at the 6 o’clock position of the watch.

Note: In order to accurately navigate the GPS, you need to have a good line of sight to the satellites.



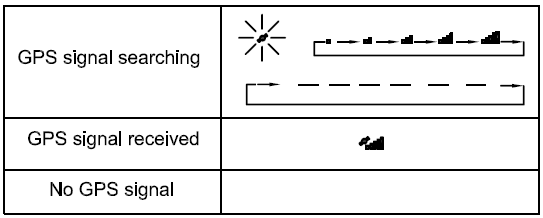
1. Stand still and do not begin moving while performing the following steps until the GPS signals are already received.
2. **How to Turn-ON the GPS:** Press S9 to turn ON the GPS. The watch will start locating the satellites. After receiving the satellite signals, it will automatically go to RUN mode and the watch will display “GPS GO” while the “CHRONO” blinks.



1. **How to turn OFF the GPS**: If you wish to turn OFF the GPS, press and hold S9 for about 3 seconds and the watch will momentarily display GPS OFF and then return to Time view.

**Note:** When GPS is ON and CHRONO is running or stop, User cannot turn OFF GPS.

**GPS signals and its meaning:**



You will hear a beep sound when the watch has received a GPS signal or when the GPS signal has been lost. LOST GPS signal will also be displayed in the screen.

If no Satellite signal is received within 15 minutes, the watch will auto return to Time mode.

**Step 4) Go for a Run:**

**4.1) Using Run mode:**

* 1. Press S1 or S7 from Time mode to go to RUN mode.
  2. The watch will automatically search for GPS signal. Once the signal is received, the watch will prompt “GPS GO, PACE and the CHRONO time blinks.
  3. Press S1 to START or TAKE LAP. If auto lap function is set, the watch will take lap automatically based on auto lap setting. And there is a beep sound during taking of auto lap.
  4. Press S5 to stop after completing your run.
  5. Press & hold S5 again to save your run data.

Note: When the chronograph is stopped or reset, the GPS will automatically turn OFF after 15 minutes and return to Time mode.

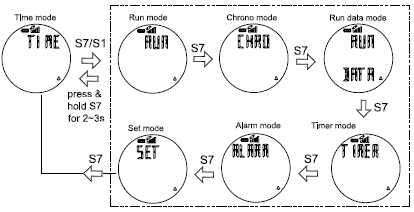
**4.2) Using Chronograph mode:**

**RUN** mode and **CHRONOGRAPH** mode has the same timer counter. When the chronograph is started or stopped in RUN mode, the same thing happens in Chronograph mode. They just differ in the views. This mode is dedicated to chronograph, lap time, exercise time, and distance travelled.

* 1. Press S1 to START or TAKE LAP. If auto lap function is set, the watch will take lap automatically based on auto lap setting. There is also a beep sound during taking auto lap.
  2. Press S5 to stop after completing your run.
  3. Press & hold S5 again to save your run data.

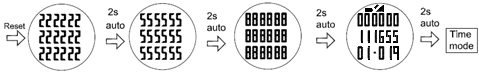
**General Operations**

The watch has the following main modes: Time, Run, Chronograph, RUN Data, Alarm, Timer and Set modes. Press S7 to scroll through these modes.



**Watch reset:**

The user can reset the watch by pressing and holding S1, S5, S7 and S11 simultaneously. All segments will be light on, then EL backlight ON. The software code will be displayed. The watch will be reset. Below are the reset views.

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**EL backlight:**

This watch has a **Night mode function**. Following are the options in SET mode and their functions:

**10 SECONDS** – Press S11 will turn ON the Light for 10 seconds.

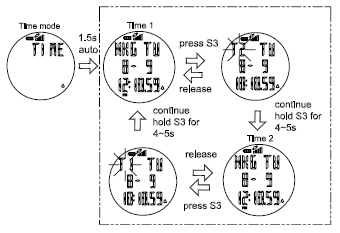
**20 SECONDS** – Press S11 will turn ON the Light for 20 seconds.

**NIGHT ON** – Light will continuously ON when CHRONO is running from 6:00 pm to 7:00 am. But when CHRONO is stopped or reset from 6:00 pm to 7:00 am, press any key can turn ON the light for about 10 seconds.

**TIME MODE**

Following are the views with the corresponding information displayed:

Time 1 or Time2, Month, Date, City code, Weekday and battery level indicator.



**TIME 1 setting in SET mode:**

You have two options in setting the watch, **GPS** or **MANUAL**. In manual setting, you can manually set the time. If you select the GPS option, the watch will be automatically set based on the data and time data from GPS satellites.

* In SET mode, press S1 or S5 for Time setting
* Press S3 and Time 1 appears.
* Press S1 or S5 for Time 1 or Time 2 setting
* Press S3 to confirm
* Select **GPS** or **MANUAL** setting by pressing S1 or S5 and then press S3 to enter.

**GPS** setting:

* + Select **TIME ZONE** by pressing S1 or S5 and then press S3 to enter. There are 36 cities to select in this time zone setting.
  + Select **DST ON** or **OFF** by pressing S1 or S5 and then press S3 to enter.
  + Select 12H or 24H format setting by pressing S1 or S5. Press S3 to enter.
  + Select M-D or D-M (Month/Day or Day/Month) format setting by pressing S1/S5. Press S3 to enter and the watch will go back to Time.

**MANUAL** setting:

* + Set the **HOUR** by pressing S1 or S5 and then press S3 to enter.
  + Set the **Minute** by pressing S1 or S5 and then press S3 to enter.
  + Set the **SECOND** by pressing S1 or S5 and then press S3 to enter.
  + Set the **YEAR** by pressing S1 or S5 and then press S3 to enter.
  + Set the **MONTH** by pressing S1 or S5 and then press S3 to enter.
  + Set the **DATE** by pressing S1 or S5 and then press S3 to enter.
  + Set the **12/24H** by pressing S1 or S5 and then press S3 to enter.
  + Select **M-D or D-M** (Month/Day or Day/Month) format setting by pressing S1/S5. Press S3 to enter and the watch will go back to Time.

**TIME 2 setting in SET mode:**

You have two options in setting the watch, **GPS** or **MANUAL**. In manual setting, you can manually set the time. If you select the GPS option, the watch will be automatically set base on the data and time data from GPS satellites.

The procedure in setting time 2 is the same with time 1 setting.

**12H/24H format setting:**

You can select **12H** or **24H** format. Press S3 to enter setting mode. Press S1 or S5 to select 12H or 24H format. Press S3 to confirm and exit.

**RUN mode:**

Press S1 or S7 from **TIME** mode to enter **RUN** mode.

Also note that if the GPS is already **ON** when you enter the RUN mode, the watch will prompt “GPS GO, PACE and the CHRONO time blinks.

If the power level of the battery is low, the GPS cannot be turned on. The watch will display **BATT. LOW.**

**RUN mode Views:** While CHRO is running, press & hold S3 will allow the User to change views (PACE, SPEED, CALORIE, CLOCK, CHRONO and DISTANCE).

**(Pace views)**

View 1 🡪 CHRONO/ Pace / Pace

View 2 🡪 CHRONO/ Pace / Speed

View 3 🡪 CHRONO/ Pace / Calorie

View 4 🡪 CHRONO/ Pace / Clock

View 5 🡪 CHRONO/ Pace / CHRONO

View 6 🡪 CHRONO/ Pace / Distance

**(Speed views)**

View 1 🡪 CHRONO/ Speed / Pace

View 2 🡪 CHRONO/ Speed / Speed

View 3 🡪 CHRONO/ Speed / Calorie

View 4 🡪 CHRONO/ Speed / Clock

View 5 🡪 CHRONO/ Speed / CHRONO

View 6 🡪 CHRONO/ Speed / Distance

**(Calorie views)**

View 1 🡪 CHRONO/ Calorie / Pace

View 2 🡪 CHRONO/ Calorie / Speed

View 3 🡪 CHRONO/ Calorie / Calorie

View 4 🡪 CHRONO/ Calorie / Clock

View 5 🡪 CHRONO/ Calorie / CHRONO

View 6 🡪 CHRONO/ Calorie / Distance

**(Clock views)**

View 1 🡪 CHRONO/ Clock / Pace

View 2 🡪 CHRONO/ Clock / Speed

View 3 🡪 CHRONO/ Clock / Calorie

View 4 🡪 CHRONO/ Clock / Clock

View 5 🡪 CHRONO/ Clock / CHRONO

View 6 🡪 CHRONO/ Clock / Distance

**(CHRONO views)**

View 1 🡪 CHRONO/ CHRONO / Pace

View 2 🡪 CHRONO/ CHRONO / Speed

View 3 🡪 CHRONO/ CHRONO / Calorie

View 4 🡪 CHRONO/ CHRONO / Clock

View 5 🡪 CHRONO/ CHRONO / CHRONO

View 6 🡪 CHRONO/ CHRONO / Distance

**(Distance views)**

View 1 🡪 CHRONO/ Distance / Pace

View 2 🡪 CHRONO/ Distance / Speed

View 3 🡪 CHRONO/ Distance / Calorie

View 4 🡪 CHRONO/ Distance / Clock

View 5 🡪 CHRONO/ Distance / CHRONO

View 6 🡪 CHRONO/ Distance / Distance

Note: If there is no key operation within 3-4 minutes in this mode, the watch will auto exit to Time mode.

**CHRONOGRAPH mode:**

Press S7 from **RUN** mode to enter **CHRONOGRAPH** mode. The watch will display the following in succession:

**🡪 SEARCH GPS 🡪 BATTERY** level **🡪 DATA TRACK MEMORY** **🡪** **view 1** of **CHRONOGRAPH** mode.

Also note that if the GPS is already **ON** when you enter the RUN mode, the watch will prompt “GPS GO, PACE and the CHRONO time blinks.

The power level is displayed with an increment of 10%, from 10% to 100%. In Memory display, the watch will display the remaining hours available in Track memory.

If the power level of the battery is low, the GPS cannot be turned on. The watch will display **BATT.LOW**

**VIEWS in CHRONOGRAPH mode:**

View 1 🡪 GPS GO/ CHRONO/ PACE

View 2 🡪 LAP/ DISTANCE / CHRONO

View 3 🡪 LAP 1/ CHRONO/ CHRONO

When the timer is stopped or reset in Chronograph mode, the GPS will automatically turn OFF after 15 minutes.

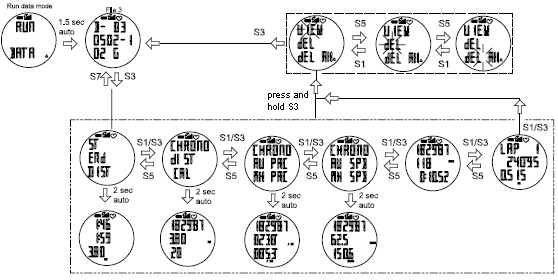
**RUN DATA mode**

Press S7 from **CHRONO** mode to enter **RUN DATA** mode. The watch will display the Data list view. In this view you can see how many files are saved in RUN data. The watch will show the list of data files with newest on the top of the list.

1. Press S1/S5 to scroll thru the list.
2. Press S3 to enter the selected data file. .
3. Press S1/S3 to view the details of the data file. Following are the details available:
   * Start Time / End Time / Distance
   * CHRONO / Distance / Calorie
   * CHRONO / Ave Pace / Max Pace
   * CHRONO / Ave Speed / Max Speed
   * Lap 1 / Lap time / Distance
   * Lap 2 …etc….
4. Press S7 to exit

**Deleting Data:**

Press S7 from CHRONO mode to DATA mode.AftertheData file appears, press S3 to enter “Start time/End time/ Distance” view. In any sub-views, press and hold S3 to enter the “VIEW/DEL/ DEL ALL” screen. Press S1 or S5 to select. If “VIEW” is selected, you can view the details of the data. If “del” is selected, 1 data will be deleted. If “Del All” is selected, all data files will be deleted.



Note: If there is no key operation within 3-4 minutes in this mode, the watch will auto exit to Time mode.

**Data numbering system/ Legend:**

Following is the data numbering system.



Sample data number: **D-010502-101-G**

**D** – means Data

**01 –** Data number

**05** - Month

**02** - Day

**1**  - Data is referred to Time 1 or 2 for Time 2

**01** - File number of the day

**G**  - Data from GPS

**Setting the User’s information:**

Press S7 from **ALARM mode** to go to **SET mode** and select USER by pressing S1 or S5 when the USER option is highlighted. The sequence of setting are as follows by pressing S3 button: Gender 🡪 Age 🡪 Weight 🡪 Height Press S1/S5 to change values. Press S3 to set next parameter. Press S7 to exit.

**TIMER mode**

**Setting the TIMER:**

Press and hold S11 until the Timer “1” digit starts to blink. Press S1/S5 to select the interval timer “SEG 1 to 6”. Press S3 to set the hour, minute & second. Press S1/S5 to increase or decrease the value. Press S7 to exit setting.

Note: If there is no key operation within 3-4 minutes in this mode, the watch will auto exit to Time mode.

**ALARM mode**

**Setting the ALARM:**

Press S7 from **TIMER** mode to enter **ALARM** mode. The watch will display the alarm view. Press and hold S11 until the Alarm “1” digit starts to blink. Press S1/S5 to select the Alarm 1 to 5. Press S3 to set the hour, minute, Time, Alarm and Chime.

For Chime, press S1/S5 to turn it ON or OFF. Also note when Chime is ON, the Key tone is automatically ON and the Chime icon appears in all modes. Likewise, if Chime is OFF the Key tone is automatically OFF.

**Alarm setting in SET mode:**

* Select **ALARM** then press S3
* Select **ALARM 1** to **ALARM 5** by pressing S1/S5 and then press S3 to enter.
* Set the **HOUR.** Press S1/S5 to change values. Press S3 to enter
* Set the **MINUTE**. Press S1/S5 to change values. Press S3 to enter
* Set the alarm time referred to **T1** or **T2**. Press S1/S5 to change. Press S3 to enter
* Set the alarm **ON** or **OFF**. Press S1/S5 to change. Press S3 to enter
* Set the Chime **ON** or **OFF**. Press S1/S5 to change. Press S3 to enter
* Press S7 to exit alarm setting

**SET mode**

Press S7 from **ALARM** mode to **SET** mode. 1.5 seconds later the watch will display the setting options: Press S5 the ff. Sequence are as follows; **AUTO LAP, TIME, UNIT**, **USER**, **NIGHT,** **CONTRAST, CHIME, ALARM and TIMER**. Press S3 to enter selected option to set. Press S1/S5 to select then press S3 to enter. Press S7 to exit setting to Time mode.

**Setting the Auto Lap:**

The same setting procedure applies in setting the time in **Alarm setting mode**.

Note:Alert sub-mode, press S3 to enter ALERT function. When alert is set to **ON**, there will be a beep sound during taking auto lap. When it is set to **OFF**, there is no beep sound.

**Setting the Time/ Alarm/ Timer/ User:**

The same setting procedure applies in setting the time in **Alarm setting mode**.

**Setting the UNIT:**

Press S3 to enter. Press S1/S5 to select KM or Mi.

**Setting the DISPLAY (LCD contrast):**

Press S3 to enter. Press S1 or S5 to change the setting. Press S3 to confirm setting and exit.

**Setting the Chime:**

Press S3 to enter. Press S1/S5 to select ON or OFF.

**Setting the NIGHT mode:**

Press S3 to enter. Press S1/S5 to select the following options: Night ON, 10 sec and 20 sec.

**10 SECONDS** – Press S11 will turn ON the Light for 10 seconds.

**20 SECONDS** – Press S11 will turn ON the Light for 20 seconds.

**NIGHT ON** – Light will continuously ON when CHRONO is running from 6:00 pm to 7:00 am. But when CHRONO is stopped or reset from 6:00 pm to 7:00 am, press any key can turn ON the light for about 10 seconds.

Press S3 to accept the selected setting. Press S7 to exit.

**Battery:**

Watch is using a rechargeable Lithium Ion battery that will require approximately 4.5 hours charging time using the USB cable. While battery is charging, the watch cannot be used and all buttons are disabled. User needs to recharge the battery when the watch indicates a “low battery”.

**Note:** Battery Life (fully charge battery); 8 hrs min. (continues GPS with CHRONO ON, HRM ON) in day time within the time period from 7 am to 6 pm. While approx. 7 hours (continues GPS with CHRONO ON, HRM ON and Light ON) within the time period from 6 pm to 7 am. This means, after 7 or 8 hours continues activity such as running, walking, etc., the battery power become low and the watch will display “LOW BATT”.

**GPS watch troubleshooting guide:**

|  |  |
| --- | --- |
| **PROBLEM/ QUESTION** | **SOLUTION/ ANSWER** |
| How to turn off the GPS | Press and hold S9 for about 5 seconds from any view to turn OFF the GPS. |
| I cannot get a GPS signal | Take your GPS watch outdoors and away from tress and tall buildings. Remain stationary and try acquiring GPS signal again. Be sure that the antenna is pointing towards the sky for better signal reception. |
| Can I reset the watch? | You can reset the watch by pressing S1, S5, S7, and S11 together. The date and time will be reset to default values. You can set it again manually or automatically thru GPS. |
| Will my data and personal settings be lost after watch reset? | Your data and personal settings are saved in the flash memory and will not be lost after watch reset. |
| The battery indicator does not seem to be accurate | Allow your GPS watch to fully discharge and then fully charge it without interruption. It is recommended to regularly re-charge your battery every 1-2 months even if it is not used to maintain good battery condition. |

