GPS mini Watch User Manual

Introduction

Thank you for purchasing the GPS Watch. This GPS Watch is packed with personal Training features like speed, trip time, laps, etc. Watch features include but not limited to the following:

- 12/24H Time format
- World time
- Dual Time T1 and T2
- 5 daily Alarms
- RUN mode
- Chronograph mode
- Data mode
- Set 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 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:

- 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 Main function:

S1 – Start / Stop / Save / Increase adjust (**+**)
S5 – View / OK
S7 – Change Mode / Exit
S11 – Light / Set / Save / Lap / Decrease adjust (**-**)

Step 2) Charging the Battery:

Charge the unit for at least 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.

2.1) Plug your Watch to your PC USB port.
2.2) Make sure the contact pins of the watch are properly connected to your PC.

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 watch.

Battery low condition:

You cannot turn ON the GPS when the battery is low. The watch will display LOW BATT. 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. Please make sure the battery have enough battery power before doing your exercise in order not to lose your data.

Step 3) Configure your Watch:

Before using your watch, please set your Watch.

3.1) Go to **SET** mode and set the following parameters: **AUTO LAP**, **TIME**, **UNITS**, **USER**, **NIGHT**, **Contrast, CHIME, ALARM, and VIEW.**
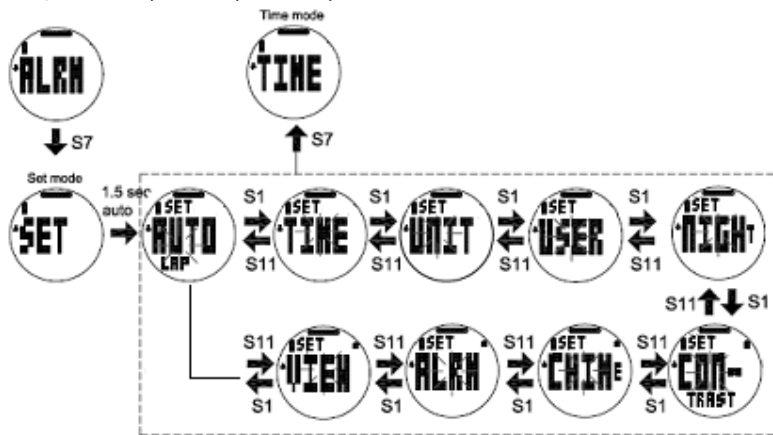
- Press S1 or S11 to change the values of the blinking digit.
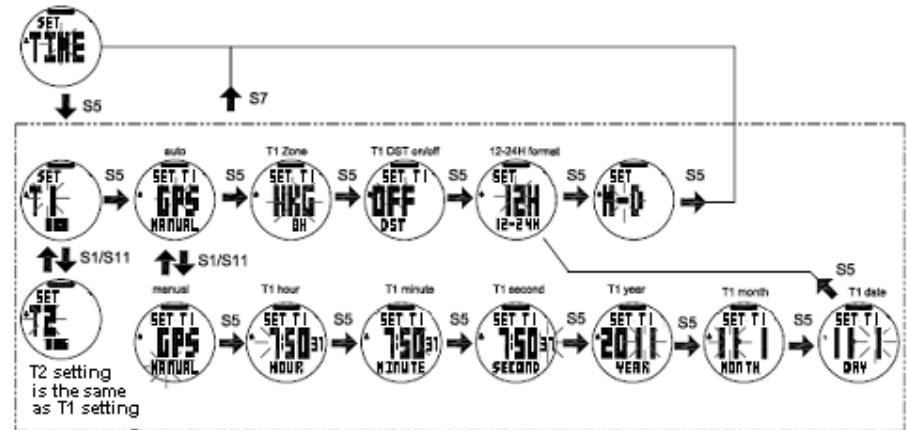- Press S5 to enter and set the selected parameter.

- The watch will auto exit setting mode if there is no push button operation in 3 to 4 minutes.
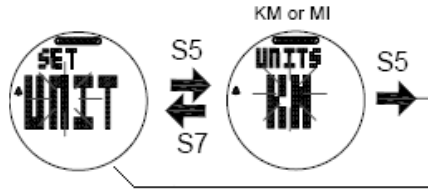
How to set the AUTOLAP:

- Auto Lap setting range: 0.4, 1, 2, 3, 4, 5, and OFF

How to set the TIME:

- Year range: 2001 to 2099
- Total of 36 city codes are available for various Time zones.
- Time can be displayed in 12 hour or 24 hour format
- Dual time zone Time 1 and Time 2
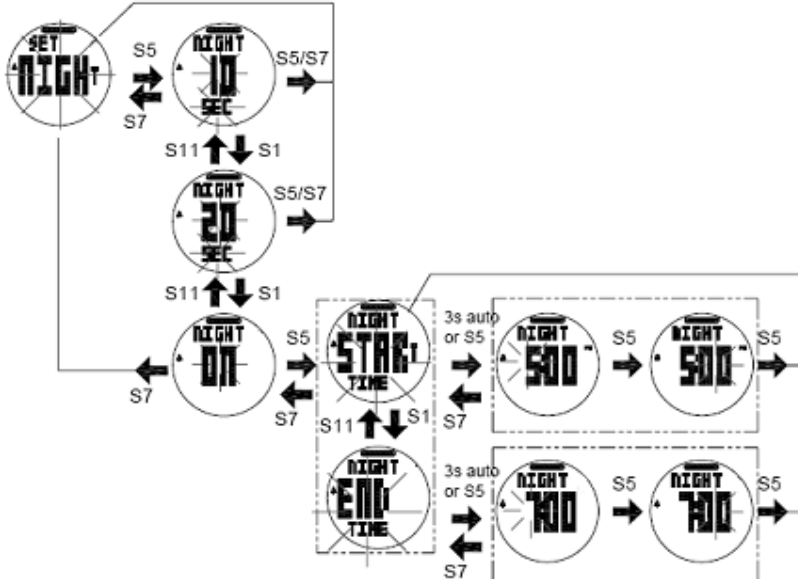
How to set the UNITS:

KM or MI

SET UNIT — S5 ⇄ S7 — UNITS KM — S5

How to set USER details:

SET USER → S5 → GENDER MALE FEMALE → S5/S7 → AGE 25 → S5/S7 → WEIGHT 65 KG → S5/S7 → HEIGHT 170 CM → S5/S7

- Age range: 7 to 99 default: 25
- Weight range: 20- 255 KG (44-561 LBS) default 65 KG (143 LBS)
- Height range: 91-241 cm (3'00" to 7'11")

How to set the NIGHT mode function:

SET NIGHT — S5 ⇄ S7 — NIGHT 10 SEC — S5/S7 →
S11 ↑↓ S1
NIGHT 20 SEC — S5/S7 →
S11 ↑↓ S1
NIGHT ON — S5 → NIGHT START TIME — 3s auto or S5 → NIGHT 500 — S5 → NIGHT 500 — S5
S7 / S11 ↑↓ S1 S7
NIGHT END TIME — 3s auto or S5 → NIGHT 700 — S5 → NIGHT 700 — S5
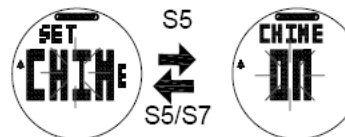S7

Night mode settings:
- **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** – Default Start Time / END Time for NIGHT ON setting is 5 PM to 7 AM. Following are the characteristics of **NIGHT ON** setting:
  - Start Time and END TIME for NIGHT ON setting can be changed in SET mode/ NIGHT.
  - When the Night setting is ON, pressing any button within the Start Time / End Time will turn ON the EL for 10 seconds.
  - Outside the Start time / End Time, only press S11 will turn ON the EL for 10 seconds.
  - When the chronograph is running within the Start Time/ End Time, the EL will be always ON. It will turn OFF 10 seconds after the chronograph is stopped.
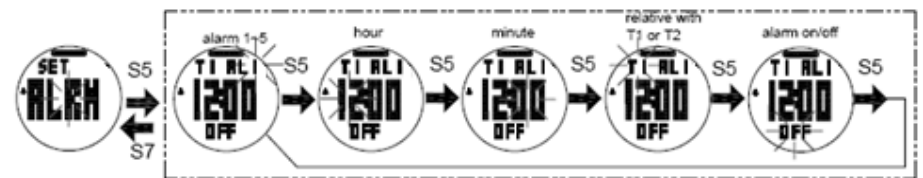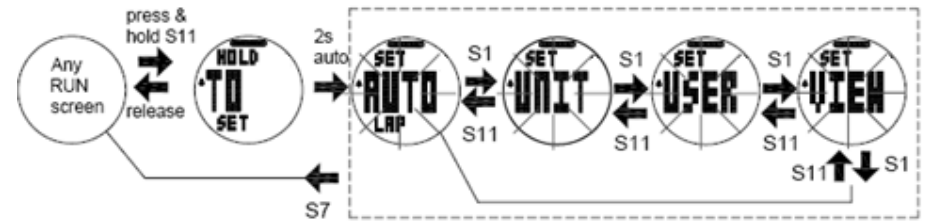
How to set the LCD display CONTRAST:

contrast

SET CON-TRAST — S5 ⇄ S5/S7 — CONT 60%
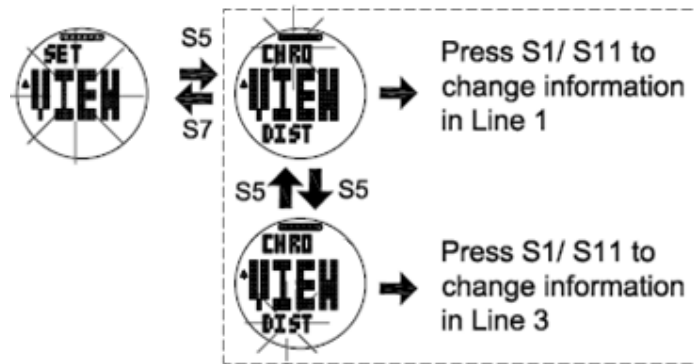
Contrast range = 10 to 100%

How to set the CHIME:

SET CHIME — S5 ⇄ S5/S7 — CHIME ON

- When Chime is ON, the Vibration alarm function is also ON.

How to set the ALARM:

relative with

SET ALRM — S5 ⇄ S7 — alarm 1-5 TI ALI 1200 OFF — S5 → hour TI ALI 1200 OFF — S5 → minute TI ALI 1200 OFF — S5 → T1 or T2 TI ALI 1200 OFF — S5 → alarm on/off TI ALI 1200 OFF — S5

How to set the VIEW

Press S1/ S11 to change information in Line 1

Press S1/ S11 to change information in Line 3
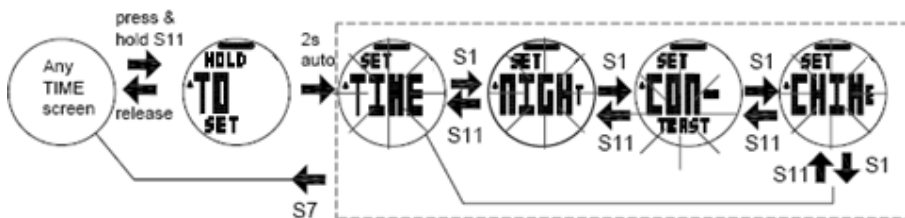
You can select what information to display in Line 1 & Line 3 for **RUN** mode

3.2) TIME, NIGHT, CONTRAST, & CHIME, can also be set in **TIME quick SET** mode.

3.3) AUTO LAP, UNITS, USER, and VIEW can also be set in **RUN quick SET** mode.

3.4) ALARM can also be set in **ALARM quick SET** mode**.**


Step 4) Acquire Satellite signals:

In order to get the correct time of day and begin using your watch, you have to acquire the Satellite signals. It may take a few minutes to get the signals.

4.1) 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 12 o'clock position of the watch.

4.2) Stand still and do not begin moving while locating the Satellites until the GPS signals are already received.

4.3) How to Turn ON the GPS: Following are the possible ways to turn on the GPS.

4.3.1) Press S1 in **TIME** mode**.** The Watch will display the GPS / INDOOR selection screen. Select GPS and press S5. The watch will start searching for GPS and go to RUN mode.

-Start searching GPS and go to RUN mode
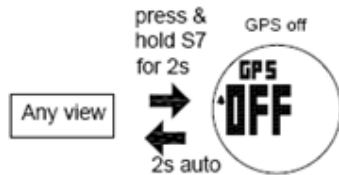
4.3.2) Press S7 to enter RUN or CHRONO mode.
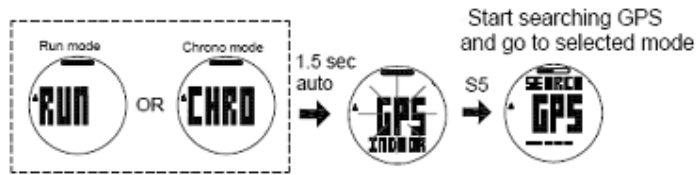
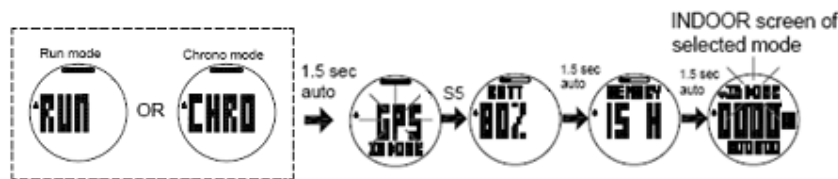**4.3.3) Press and hold S7** for 2 seconds from any mode while GPS is initially **OFF.**

4.4) How to turn OFF the GPS:
4.4.1) Press and hold S7 for 2 seconds from any mode while GPS is initially **ON**.

4.4.2) Press S7 to enter RUN or CHRONO mode. Select INDOOR and press S5 to confirm.

4.4.3) When the chronograph is stopped and reset in any mode, the GPS will go to TIME mode after 10 minutes and the GPS will be on Standby mode (GPS ring icon flashing). The GPS will auto turn OFF after 1 hour (GPS ring icon is OFF).

GPS signals and its meaning:

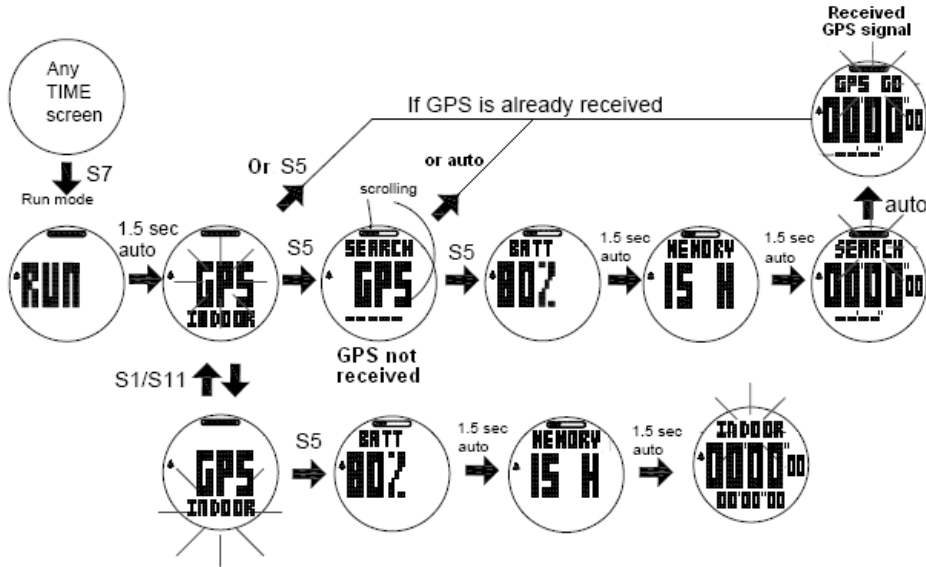|	
GPS signal searching	scrolling
GPS signal received	
No GPS signal	
GPS Standby	

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.

Step 5) Go for a RUN:

5.1) Using RUN mode:

5.1.1) How to enter RUN mode:

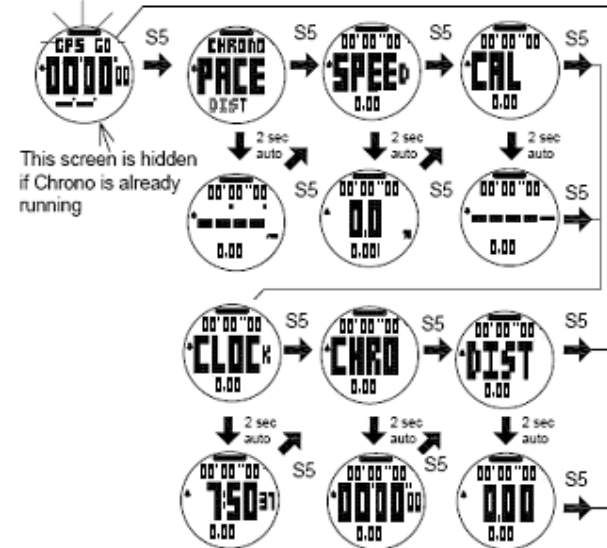**5.1.2)** How to START, TAKE LAP, STOP, and SAVE:
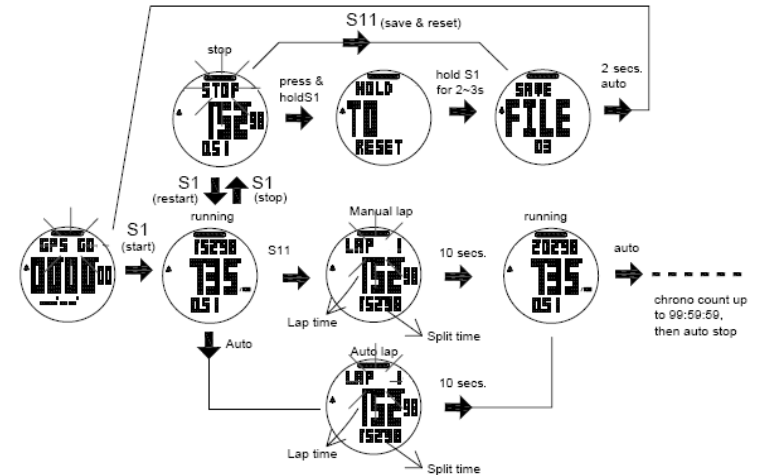
Note: The watch will take Auto Lap based on the Distance set in Auto Lap setting.

5.1.3) How to change views: Press S5 to change the information displayed in Line 2. Following are the information displayed as you press S5:


Notes:
• Information displayed in Lines 1 and 3 can be changed in **SET** mode/ **VIEW.**

- The watch will remember your previous screen view the next time you come back to RUN mode.

5.1.4) How to view your current data before saving while the chronograph is stopped. Following are the information as you press S5:

Notes:
- o Before going for a run exercise, it is highly recommended that you set your user profile first so that the calories will be calculated properly. Go to **SET** mode/**USER**.
- o When the Chronograph is stopped and reset in RUN mode, if no activity for 10 minutes, the GPS will be on Standby mode (GPS ring icon flashing) and return to TIME mode.
- o While in RUN mode, then the GPS signal suddenly becomes weak lost for any reason, the Watch will display LOST GPS signal until it receives GPS signal again.
- o Maximum of 15 hours of track record / 30 data files/ 100 laps for each data file can be saved in memory.

5.2) Using Chronograph mode:

RUN mode **& CHRONO** mode has the same chronograph counter. When the chronograph is started or stopped in RUN mode, the same thing happens in CHRONO mode.

5.2.1) How to enter CHRONO mode:

5.2.2) How to START, take LAP, STOP, and SAVE:

- The watch will take Auto Lap based on the Distance set in Auto Lap setting.

5.2.3) Press S5 to change the information displayed in Line 3. Following are the views as your press S5:
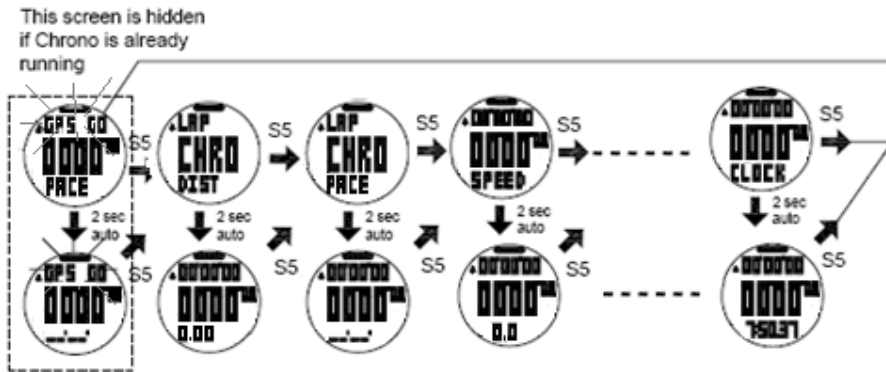
Note: The watch will remember your previous screen view the next time you come back to CHRONO mode.

5.2.4) How to view your current data before saving while the chronograph is stopped. Following are the information as you press S5:
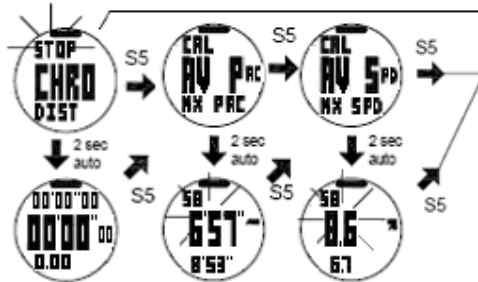

Step 6) Download your data to PC:

The Watch comes with PC software to make communication between your Watch and PC easy and enjoyable. Please install the PC software to your PC using the installer provided. Plug-in the Watch directly into your PC USB port. Run the GPS PC software on your PC. PC software will then prompt you to download the data. Click the download button to begin downloading. The PC software will prompt to delete the data in the Watch. User has the option to delete the data in the Watch or not. The PC software installation and instruction guide can be found at the end of this manual. Please take time to read the guide.

General Operations

The Watch has the following main modes: Time, Run, Chronograph, Data, Alarm and Set modes. Press S7 to scroll through these modes. Press S1 from Time mode will also go to RUN mode (GPS/INDOOR screen appears).
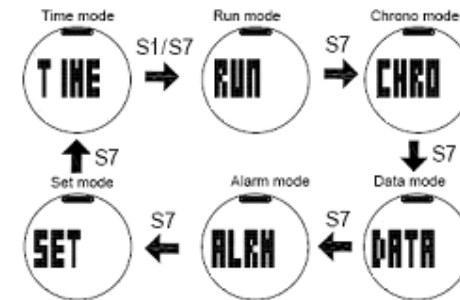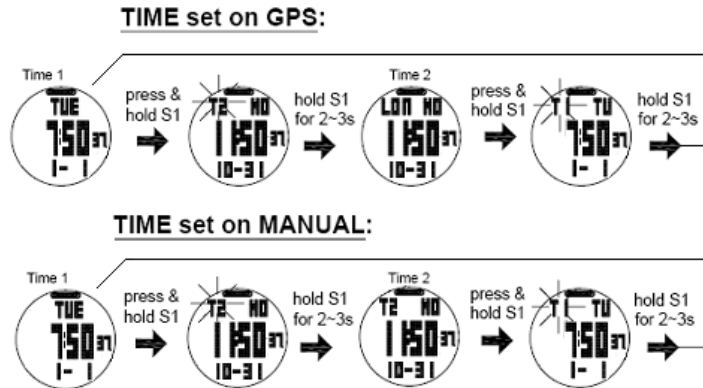

EL backlight:

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 – Default Start Time / END Time for NIGHT ON setting is 5 PM to 7 AM. Following are the characteristics of **NIGHT ON** setting:
  o Start Time and END TIME for NIGHT ON setting can be changed in SET mode/ NIGHT.
  o When the Night setting is ON, pressing any button within the Start Time / End Time will turn ON the EL for 10 seconds.
  o Outside the Start time / End Time, only press S11 will turn ON the EL for 10 seconds.
  o When the chronograph is running within the Start Time/ End Time, the EL will be always ON. It will turn OFF 10 seconds after the chronograph is stopped.

TIME mode

- How to enter TIME mode:

TIME set on GPS:



TIME set on MANUAL:

Travelling between different Time zones

- When you are traveling to a different Time zone, you have to set your GPS Watch to your destination Time zone. We recommend setting **Time 1** to your current location and **Time 2** set to your destination Time zone.
- When you arrive to your destination Time zone, press & hold S1 for 2-3 seconds to change the time to **Time 2**.
- When you go back to your original location (Time 1), press & hold S1 for 2-3 seconds to change the time back to **Time 1**.
- The Time of the Watch will be synchronized with **GPS TIME** when you turn **ON** the **GPS**.
- Make sure that the Watch is set to the correct **CITY CODE** and **DST ON** or **OFF** setting so that it can display the correct time.

DATA mode

- How to enter DATA mode, view details, and delete Data:
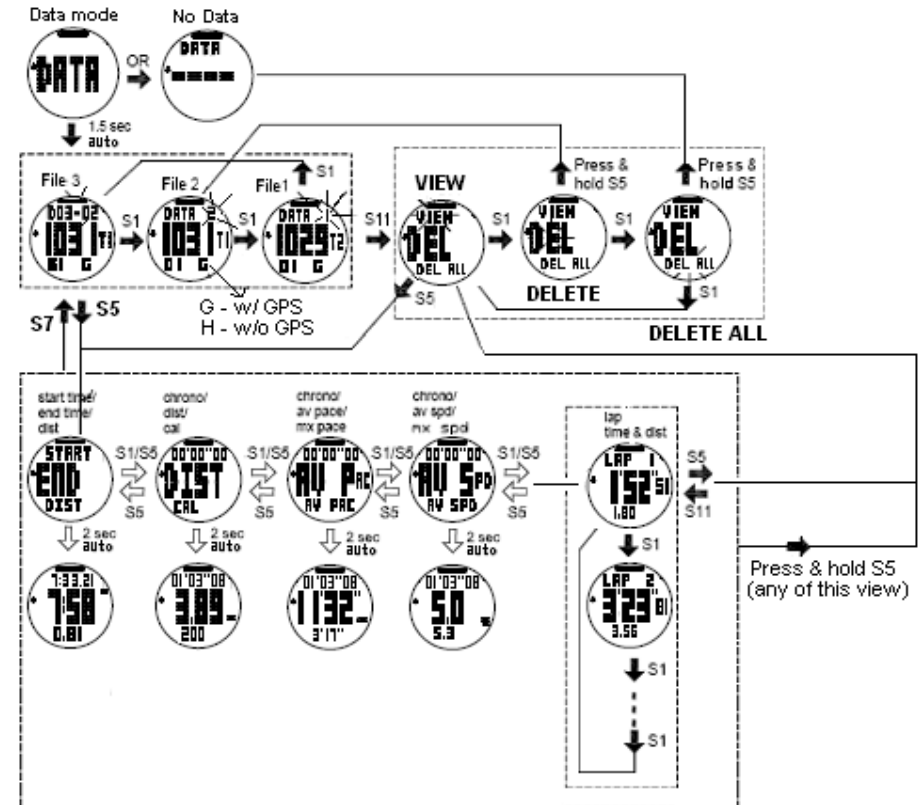
Data numbering system/ Legend:

Sample data number: **D03 03 1031 – 1 02 G**

| D	Data
03	Total number of files
03	File number counter
10	Month
31	Date
1	Refer to Time 1 or 2 for time 2
02	File number of the day
G	GPS workout, H for INDOOR workout

Battery:

The Watch is using a rechargeable Lithium Ion battery that will require about 4.5 hours charging time. 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 batt".

Battery Life (full charge): 8 hrs typical (continuous GPS).

ALARM mode

- Alarm will sound for 20 seconds at alarm time. Pressing any button will stop the alarm sound without the button function. When Alarm is ON, the alarm icon is displayed in all modes.
- How to enter ALARM mode (ALARM setting):
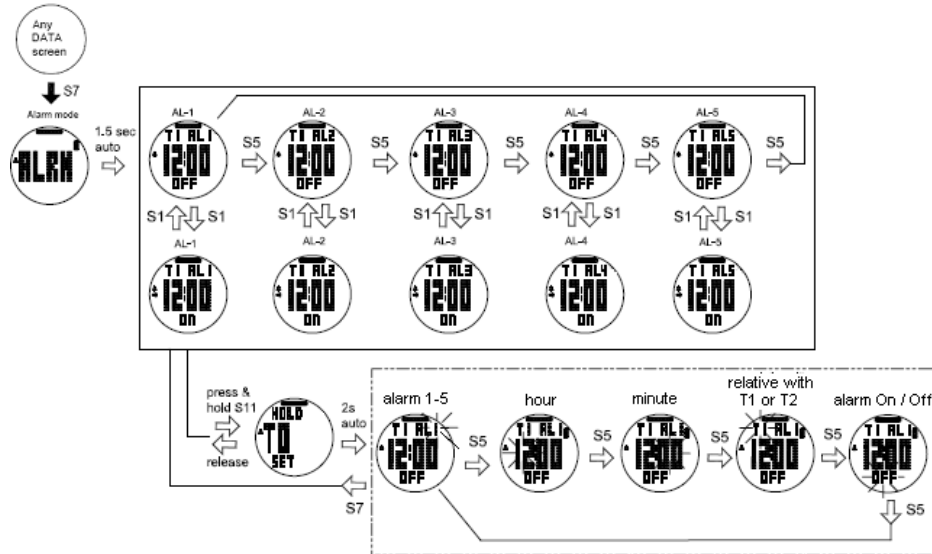
GPS watch troubleshooting guide:

PROBLEM/ QUESTION	SOLUTION/ ANSWER
I cannot get a GPS signal	Take your GPS Watch outdoors and away from trees 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.

Key Function Matrix

Main mode	Sub mode	Keys							
		S1		S5		S7		S11	
		Press	Hold	Press	Hold	Press	Hold	Press	Hold
Time		Run mode GPS/INDOOR	toggle T1/T2	view		Run mode	GPS on/off	EL	time setting mode
	Time setting	increase	fast increase	next digit		Exit	GPS on/off	descrease/ EL	fast descrease
Run		start/ stop	save & reset	view		Chrono mode	GPS on/off	Lap/EL/ save & reset	Run setting mode
	Run setting	increase	fast increase	next digit		Exit	GPS on/off	decrease/ EL	fast decrease
Chrono		start/ stop	save & reset	view		Data mode	GPS on/off	Lap/EL/ save & reset	SET
Data		select File#		view data details		Alarm mode	GPS on/off	EL	SET
Alarm		ON/OFF		select AL-1~5, chime		Set mode	GPS on/off	EL	alarm setting mode
	Alarm setting	increase	fast increase	next digit		Exit	GPS on/off	decrease/ EL	fast decrease
Set		increase	fast increase	next digit		Exit/ time mode	GPS on/off	decrease/ EL	fast decrease

GPS NE PRO PC software

Your GPS Watch comes with PC software. This software is compatible with the following operating system:

- Windows 7
- Windows XP SP 1, 2, 3
- Windows Vista SP 1, 2
- Windows 2000 SP 4
- Windows 98

You can use the software to view and analyze your data.

Follow this quick start guide to download your data to the PC after your exercises. Use **GPS NE Pro** PC software that comes with your GPS Watch.

How to download your data to PC: Follow the easy steps below.

1) Install the **GPS NE PRO** PC software to your PC. Follow the prompts of the installation wizard and click finish to finish the installation. You only need to install the PC software once. If the software is already installed on your PC, go directly to step 2.
2) Double click on the **GPS NE PRO** icon on your desktop to run the application. A Welcome window will open in your desktop.

3) Plug-in the GPS watch to your PC. Make sure the contact pins of the watch are properly connected to your PC USB port.


4 contact pins

PC USB port

4) Connect the watch using a USB extension cable. The watch will display as shown The GPS Watch will display for example **CHARGE 50%** if there is no communication yet between the PC and the GPS Watch. The 90% is the charge level of the battery. It will display **PC LINK** once the communication has started.

USB extension cable

5) Click on the download button in the **GPS NE PRO** software.

6) The PC software will prompt you to download the data. Click on the Download button.
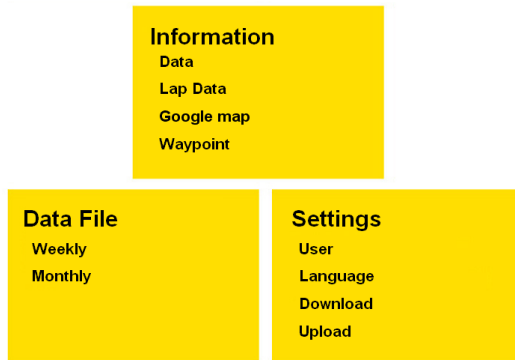

Download Data
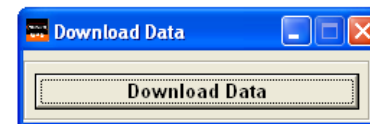
Download Data

7) The PC software will prompt you to delete all data from the GPS Watch. Click **YES** if you want all the data in the GPS Watch deleted. Click **NO** if you do not want to delete all data (Recommended).

Message

Delete all data from GPS watch?

Yes   No
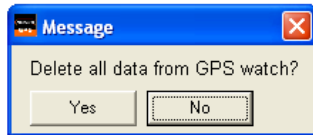
8) You click **enter** to view the downloaded data.

9) The HOME page of the PC software will open displaying various information, Data file, and settings. Click on any of these icons to go directly to the desired data, information or settings.

Information
Data
Lap Data
Google map
Waypoint

Data File
Weekly
Monthly

Settings
User
Language
Download
Upload

10) The PC software will then display the data that you have selected. Various tabs will also be displayed at the top of the screen. You can click on any of these tabs to enter the selected function.

11) Press the HOME button to go back to the home page or just exit the PC software after you are done.

How to SET your GPS Watch:

There are two possible ways to SET your GPS Watch.

1) Setting the GPS Watch manually in **SET mode**
    - Press S7 from ALARM mode to enter SET mode.
    - Press S1/S11 to select which parameter to set
    - Press S5 to enter the selected parameter
    - Press S1/S11 to change or SET the value.
    - Press S7 to exit.
    - Refer to the Instruction manual for the detailed setting procedure.

2) Setting the GPS Watch using the **GPS NE PRO** PC software:

    The GPS NE PRO PC software can be used to **SET** the parameters of the GPS Watch. This can be done by synchronizing the settings in the PC software to the GPS Watch. It can also be used to get the Setting of the GPS Watch and copy to the PC software.

    2.1) Synchronizing PC software setting to set the GPS Watch:

    - Connect the GPS Watch to the PC using the USB Charging clip/ Data cable.

    - Click the USER setting in the HOME page of the PC software.

    Settings
    User
    Language
    Download
    Upload
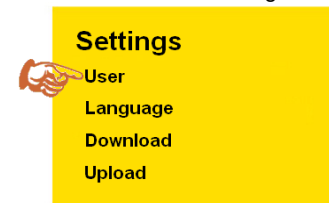
    - The PC software will display the various parameters to be set. Fill in all the required information.

Identity

User Name :	
ID No. :	E 00 00 00 00 00 00
Gender :	○ Female ● Male
Age :	29
Weight :	65 kg
Height :	170 cm

System

Contrast :	70% ▼
Key tone :	On ▼
Night Mode :	On ▼

Identity

User Name :	
ID No. :	E 00 00 00 00 00 00
Gender :	○ Female ● Male
Age :	29
Weight :	65 kg
Height :	170 cm

System

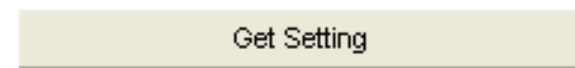|	
Contrast :	70% ▼
Key tone :	On ▼
Night Mode :	On ▼

➢ After filling in all the required information, click the **Synchronize with your computer** button at the bottom right of the screen.

Synchronization with your computer

➢ The PC software will prompt you will successful synchronization. Or Try again message if it fails. It will also display errors if there are invalid inputs on required fields. Correct the invalid inputs and try again.
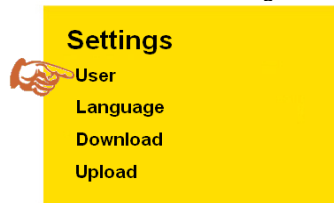
Message   Success   OK

Message   Try again   OK

2.2) Getting the GPS Watch setting and copy it to GPS NE PRO PC software:

➢ Connect the GPS Watch to the PC using the USB Charging clip/ Data cable.
➢ Click the USER setting in the HOME page of the PC software.

Settings
☞ User
Language
Download
Upload

➢ The PC software will display the various parameters to be set.
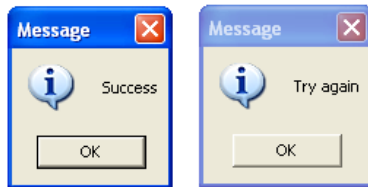
➢ Click the **GET SETTING** button at the bottom center of the screen.

Get Setting

All the GPS Watch settings are now copied to the PC software.