

*Congratulations for purchasing a GPS wrist watch that can receive precise time signal anywhere in the world*

**GPS 610C – Product features:**

Display:

Hours, minutes and seconds

Functions:

Date, time zone, and display of the latitude of the watch's location

Automatic and manual GPS transmitter call (RX-Position)

Manual changeover of time zones is possible

Automatic changeover between summer and winter time depending on the time zone

Reception check: ("OK"= OK / "NG"= not good)

Flight mode

Light function

Battery life: approximately 3 to 6 years (coin cell type: CR3032)

*The **Global Positioning System (GPS)** is a space-based navigation system that provides information about the location and time in any weather and anywhere on or near the earth where a clear view of four or more GPS satellites is available. With a GPS receiver it is freely accessible for everyone.*

*The GPS signal is transmitted over a linear distance and it can pass through across clouds, glass and plastic, barring most solid objects like buildings and mountains.*

*The time data from the GPS signal travel always within a micro-second of the UTC (Coordinated Universal Time), which is regulated by the satellites' atomic clocks. The receiver in a GPS enabled watch synchronizes the watch with the GPS time. In other words, a GPS enabled watch essentially runs at the precision of an atomic clock (precision +/- 1 second per 1 million years).*

*Considering the fact that the GPS receiver maintains connection to four or more of the GPS satellites orbiting the earth at a distance of approximately 20,000 km, the watch can localize the earth's position exactly. By comparing this positional data with the database stored inside the GPS enabled watch, it computes the time in 39 time zones and indicates always the precise local time anywhere in the world.*

Legend:

RX = Reception

■ = 1 sec. push of button

▬ = 5 sec. push of button

**Button (C)**

■ Time zone / Light

▬ Manual setting time zone

**Button (B)**

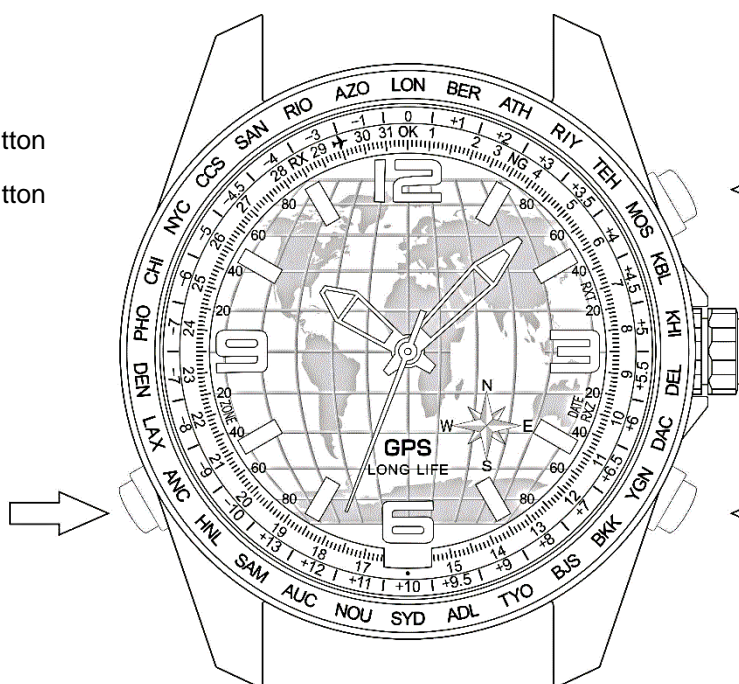
■ RX reception / signal control and latitude

▬ RX Time / Date

**Button (A)**

■ Display / Zone

▬ RX Time / Zone / Date



(Symbols on the watch's face)

Please note that your wrist watch is capable of receiving the GPS signal only outdoors under the open sky. Buildings, vehicles or dense vegetation act like a shield for the GPS signal and, in most cases, can hamper the signal reception in your GPS wrist watch. Under the open sky, the watch may take nearly 10 to 120 seconds to retrieve the signal completely.

**Short User Guide / Basic setting** for GPS 610c (Must be carried out under the open sky. Clear sky and horizontal position of the watch, facing up are adventurous.)

Please follow the instructions in Step "B2. Manual signal reception for the time of the day or time and time zone." Thereafter, your GPS watch is fully functional.

## A) Functions of the seconds hand

Make sure that the crown of your GPS wrist watch is fully pushed into 0 position, and that the seconds hand is running at seconds pace.

### A1. Reception check for the GPS signal and display of the latitude

Press just once the button (B) at the top right.

If the GPS signal reception was successful, the seconds hand jumps to "OK". If the reception was unsuccessful, the seconds hand will point to the position "NG".

Thereafter, the seconds hand will display the latitude of your location. After about 5 seconds, the watch's hands will revert to the last set time of the day.

### A2. Date display

Press once the button (A) at the bottom right to display the date (day of the month).

The seconds hand will now jump to the date. After about 5 seconds, the watch's hands will revert to the last set time of the day.

### A3. Checking the current time zone and the light function

To check the currently programmed time, press once the button (C) ZONE on the left side.

The seconds hand will now jump to the relevant time zone. At this point, the LED power light turns on. After about 5 seconds, the watch's hands will revert to the last set time of the day.

## B) GPS signal reception

This GPS wrist watch is capable of receiving the signal automatically. This happens weekly around midday by automatically retrieving the signal. The watch also has the option to retrieve the signal manually.

### B1. Automatic signal reception / Retrieval of signal

The watch receives the signal automatically anywhere between 11:00 and 14:00 hours (i.e. 11:00 am and 2:00 pm). This means retrieving the data for the time of the day. In this operation, the time zone set already will not be changed or adjusted – regardless of the location.

### B2. Manual signal reception / Retrieval of signal *(Must be carried out outdoors under the open sky. Clear sky and horizontal position of the watch, facing up are advantageous.)*

Make sure that the crown of your GPS wrist watch is fully pushed into 0 position, and that the seconds hand is running at seconds pace.

The signal can be received manually in 2 different ways.

1. Manual signal reception for the time of the day (Step B.2.1., at least reception from 1 satellite is needed.)
2. Manual signal reception for the time of the day and the time zone (Step B.2.2., at least reception from 4 satellites is needed.)

#### B.2.1. Manual signal reception for the time of the day *(do this outdoors)*

To receive the signal for the time of the day manually, press the button at the top right (B) for about 5 seconds. The seconds hand will now rotate to the "RX" position and the watch begins to receive the signal for the time of the day and, after receiving the signal, the watch's hands are set to the current time. This operation may take up to 90 seconds. If not successful, please repeat.

#### B.2.2. Manual signal reception for the time of the day and the time zone *(do this outdoors)*

To receive the signal for the time of the day and the time manually, press the button at the bottom right (A) for about 5 seconds. The seconds hand will now rotate to the "RX" position.

The signal for the time and the time zone is received. This operation may take up to 90 seconds.

If the signal was received successfully, the time of the day and the time zone are set, and the summer or winter time are updated correctly. If not successful, please repeat.

If the correct time and time zone is not displayed, please re-calibrate your watch according to point E).

## C) Manual changeover of time zone

The time zone of your GPS enabled wrist watch can be manually changed, even if no GPS signal is available, for example, during a flight.

Make sure that the crown of your GPS wrist watch is fully pushed into 0 position, and that the seconds hand is running at seconds pace.

To change the time zone manually, do as follows:

Press the button at the bottom left (C) for about 5 seconds. The seconds hand will now rotate to 12:00 o'clock.

Press the button at the bottom right (B) to select any time zone using the seconds hand. You can read the time zones marked on the respective scale on the watch.

If you have now selected the desired time zone using the seconds hand, press once the button at the bottom right (A) to confirm your choice.

The selected time zone is applied and the watch's hands are now set to the relevant time of the day. If the signal is received daily automatically, the time zone you have set manually will remain unchanged.

If you wish to return to your time of the day / time zone, follow the instructions as in Step B2.2.

## D) Flight mode – Disable the automatic signal reception

Your GPS enabled wrist watch has a flight mode which, if set, disables the automatic signal retrieval function.

To activate the flight mode press the buttons (A) and (B) simultaneously for about 5 seconds.

The seconds hand will now rotate to the aircraft symbol. Thereafter, the seconds hand will rotate to its previous position of seconds. Any automatic signal retrieval is now disabled. To disable the flight mode and to revert to the current GPS time, manually run a signal retrieval operation / signal reception for the time of the day and the time zone as described in Step B2.2.

**E) Re-calibration of the GPS enabled wrist watch – correcting any errors**

If errors or inaccuracies occur with regard to the functions of your GPS enabled wrist watch, it may be due to the fact that watch has experienced severe shocks or it was exposed to a static charge. Such malfunctioning can be mostly rectified by re-calibrating the watch's hands. To do this, follow these instructions:

Pull out the crown of your GPS wrist watch into position 1.

Then, press the button at the top right (B) step by step to set the seconds hand exactly to 12:00 o'clock. Now rotate the crown to set the minutes and seconds hands likewise exactly to 12:00 o'clock. When done, all 3 hands of the watch should be exactly at 12:00 o'clock.

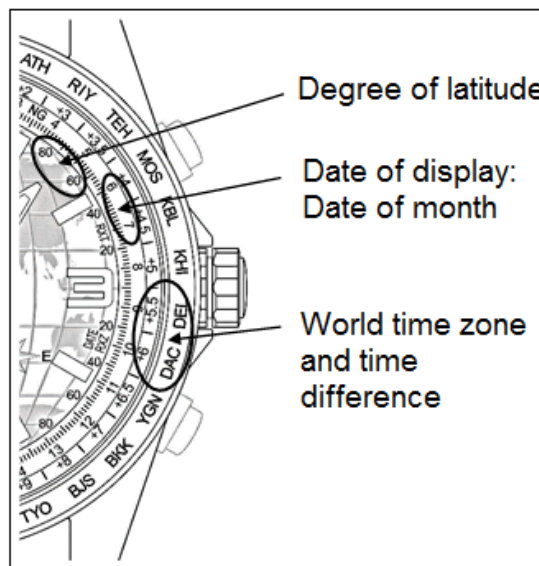
Now press the crown back into 0 position. The watch's hands rotate back into the last set time of the day. Once the seconds hand is running normally at seconds pace, manually retrieve / receive the signal to set the time of the day and the time zone as in Step B2.2.

Once your watch is reset properly, all its functions should return to normalcy.

**F) Table of time zones, shown on the rim of the Global Time Zones (selection of all time zones)**

Code	Time zone	Difference (hours)	Code	Time zone	Difference (hours)
SAM	Samoa	-11	RIY	Riyadh	+3
HNL	Honolulu	-10	TEH	Teheran	+3.5
ANC	Anchorage	-9	MOS	Dubai/Moscow	+4
LAX	Los Angeles	-8	KBL	Kabul	+4.5
DEN	Denver	-7	KHI	Karachi	+5
PHO	Phoenix	-7	DEL	Delhi	+5.5
CHI	Chicago	-6	DAC	Dhaka	+6
NYC	New York	-5	YGN	Rangoon (Yangon)	+6.5
CCS	Caracas	-4.5	BKK	Bangkok	+7
SAN	San Juan	-4	BJS	Peking	+8
RIO	Rio de Janeiro	-3	TYO	Tokyo	+9
AZO	Azores	-1	ADL	Adelaide	+9.5
LON	London	0	SYD	Sydney	+10
	<b>UTC</b>		NOU	Noumea	+11
BER	Berlin	+1	AUC	Auckland	+12
ATH	Athens	+2			

**G) Explanation to dial (Symbols on the watch's face)**



**This product complies with the EMV directives of the EU**

**Water Resistance as per DIN 8310**

The water resistance specification of your watch is imprinted on its base and is in its new condition subject to following do's and don'ts:

- WR:** Washing, Rain, Splashes = NO, Shower = NO, Bathing = NO, Swimming = NO, Diving without equipment = NO
- 3 Bar:** Washing, Rain, Splashes = YES, Shower = NO, Bathing = NO, Swimming = NO, Diving without equipment = NO
- 5 Bar:** Washing, Rain, Splashes = YES, Shower = NO, Bathing = YES, Swimming = NO, Diving without equipment = NO
- 10 Bar:** Washing, Rain, Splashes = YES, Shower = NO, Bathing = YES, Swimming = YES, Diving without equipment = NO

**Instructions for environmental protection**

Disposal of old devices. At the end of its life, this product should not be thrown into the normal household waste, but must be handed over at a collecting point for recycling electric devices. The appropriate symbol on the product or the User Guide indicates this accordingly. As per the markings, the materials are recyclable. By recycling the materials or by other forms of recycling old devices you will be making a significant contribution to the protection of our environs. Please obtain more information about this from the responsible waste disposal facilities of your community administrative authorities.

Dispose of used batteries in a proper way. Do not throw away the watch indiscriminately, but dispose of it environmentally correctly. Use appropriate collecting points or special waste dumps for this purpose.

Disposal of packaging material. Packaging materials are raw materials and, therefore, recyclable. For the sake of environmental protection, please dispose of these properly. Your community administrative authorities will gladly provide with more information.

