User's manual

PLEASE READ THE MANUAL BEFORE YOUR FIRST USE. KEEP THIS MANUAL SAFE FOR FUTURE REFERENCE!

WHEN UNPACKING YOUR WATCH, THE HANDS MAY ROTATE QUICKLY WHEN EXPOSED TO LIGHT AND STOP WHEN THEY REACH THE INTERNAL SAVED RCC TIME. IT IS NORMAL SINCE IT WAS IN SLEEPING MODE – REFER TO AUTO-SLEEP FUNCTION'S SECTION.

DESCRIPTION



FEATURES

- DCF Radio controlled signal reception
- Automatic summertime (DST)
- Calendar
- Time zone setting
- Auto-sleep function
- Choice of language of day of the week : German or English
- Battery capacity display

RESET

The reset operation should be done if you encounter the particular cases below:

- A loss of synchronization between the hands and the internal saved RCC time due to factors such as magnetic fields, important shocks or strong vibrations.
- If the watch fails to set itself correctly and RCC signal status has not been successfully received.

To ensure successful completion of reset procedure, the three hands should point to **12H**. If it is not the case, repeat procedure several times until they all point to **12H**. **RESET procedure can only done if the time zone setting is EU**.

- Press and hold button B until the second hand rotates quickly; the mentions "SET 12" and "TO 12" displays intermittently on LCD screen. <u>Note</u>: The second hand may take some time to fast spin. Please be patient until the second hand stops running.
- 2. When the secondhand stops, proceed as follows to align the 3 hands: press **button B** successively to advance the second hand one by one or press and hold **button B** till the hands fast spin.
- 3. During the hands' rotation, when the hour hand points to 12 o'clock position and minute hand rotate near 12:00, press **button B** to stop the hands from rotating. Press **button B** successively to adjust and stop when the three hands all align at 12 o'clock position. Reset operation is then completed.
- 4. Wait till the hands will fast spin and reach the internal (LCD) time. The watch will show the correct time.

MODE FUNCTION

In normal time mode display, press A button to view the different types of information:



MANUAL SIGNAL RECEPTION

DO NOT MOVE THE WATCH OR TOUCH THE BUTTONS WHEN IT IS IN RCC MODE!

To enter manual signal reception mode, press and hold **button A** till the second hand rotates quickly and stop to 12 o'clock position.

The LCD screen will then display the signal reception icon "**T**" following by the letters "**EU**". Refer to table below for the strength of the signal.

The signal reception process will take 3-8 minutes.

	SIGNAL STRENGTH STATE
T ₁ I EU	PERFECT
T ₁ EU	GOOD
T. EU	BAD

If the watch fails to set itself, leave it all night long near the window (see below for the position of watch).

<u>Note:</u> For the best possible reception, position your watch near a window in an upright manner, with the dial facing the window (see figure 2) or outdoors.



Fig. 2

The signal cannot be received for the following reasons:

- near high buildings;
- ■near a built-up area;
- in an area outside the radio signal coverage area;
- near electronic or electrical equipment such as TV, wireless radio, mobile phones and computer which may cause undesirable signal interferences;
- near sources of magnetism or electro-magnetism;
- near heat sources;
- in conditions of bad weather

QUALITY SIGNAL RECEPTION CHECK

In normal time mode display, press button A once.

Refer to the table: "Signal strength state" above in "Manual reception" section.

AUTOMATIC SIGNAL RECEPTION

The watch will attempt to receive the DCF radio-controlled signal between 2AM and 3AM every day. The signal is always good at night. If your watch cannot get the signal in the daytime, just leave it nearby a window where the signal is strong overnight to get a radio signal.

MANUAL SETTINGS

A. Time zone setting

You can adjust the time zone to enable your watch to display the correct time of other countries when you travel.

- 1. Press **button B** and hold for 3 seconds until the display shows EU.
- 2. Press button A to choose. Refer to the table below for the desired time zone.
- 3. Press **button B** to confirm.

Time zone table

Time Zone	Symbol on LCD display	Offset Hours UTC
London	UK	0
Paris, Berlin,	EU	+1
Madrid		
Cairo	2H	+2
Moscow	3H	+3
Dubai	4H	+4
Karachi	5H	+5
Dacca	6H	+6
Bangkok	7H	+7
Beijing	CN	+8
Tokyo	JP	+9
Sydney	10H	+10
Noumea	11H	+11
Auckland	12H	+12
Baker Island	-12	-12
Midway	-11	-11
Honolulu	-10	-10
Anchorage	-9	-9
Los angeles	LAX	-8
Denver	DEN	-7
Chicago	CHI	-6
New york	NYC	-5
Caracas	-4	-4
Rio	-3	-3
Recife	-2	-2
Azores	-1	-1

B. Language of LCD Display

The display information can either be in German or English.

- 1. Press button B and hold for 3 seconds until the LCD display shows EU.
- 2. Press button B Once, the LCD display shows DE (German) or EN (English).
- 3. Press button A to choose.
- 4. Press **button B** to confirm.

The day of week is now displayed in the chosen language.

AUTO-SLEEP FUNCTION

If your watch has been in the dark without being exposed to light for three days consecutively, it will enter into sleeping mode automatically in order to save the battery.

When the watch is exposed to light, all the hands begin to rotate rapidly and stop when they reach the internal saved RCC time.



IMPORTANT:

DO NOT store the watch in the dark more than 6 months. If you plan not to wear watch for a long time, charge the watch fully before storing it. See battery charging instructions below.

BATTERY CHARGING

BATTERY INFORMATION:

ML-2016 lithium-ion button cell rechargeable battery, 3V 3 ATM

The solar watch's battery can be recharged by sunlight and artificial light. It is best to place the clock face under a fluorescent lamp, as this does not damage the watch due to its low heat radiation (in contrast to other artificial light sources). Fluorescent light is the light most similar to natural sunlight.

BATTERY CHARGING TIME:

Light type	Light intensity	Full charging time
Sun (Near a window)	40 000 LUX	24 hours
LED/ Artificial light	15 000 LUX	36 hours

After charging, do the RESET procedure (see part: Reset).

This watch uses a special rechargeable battery to store power produced by the solar cell, so regular battery replacement is not necessary. However, after very long use, the rechargeable battery may lose its ability to achieve a full charge.

- Never try to remove or replace the watch's special battery yourself.
- Use of the wrong type of battery can damage the watch.
- Keep the watch in an area normally exposed to bright light when storing it for long periods. This helps to keep the rechargeable battery from going dead.

WARNING

- Always make sure the crown is fully return to the case to ensure water resistance.
- DO NOT operate the crown or buttons in water or when the watch is wet.
- To prolong the appearance of your watch, avoid contact with the following :Perfumes, hairspray, cosmetics, detergents, adhesives and paints as they cause discoloration, deterioration and damage.
- To help prevent possible damage from perspiration, dust and moisture, periodically wipe your watch with a soft dry cloth.
- To ensure lasting durability please take note of the following points: Never attempt to open the case of your watch. Batteries should be replaced by a qualified technician.
- Never try to remove or replace the watch's special battery yourself.
- Use of the wrong type of battery can damage the watch.
- Your watch is shock resistant, however please be careful not to drop or hit your watch against hard surfaces, as this will cause damage.



WARNING: You should not dispose of this device with your household waste. A selective collection system for this type of product is implemented by your local authorities. Please contact your loca authorities to find out how and where collection takes place. These restrictions apply because electrical and electronic devices contain dangerous substances that have harmful effects on the environment or on human health and must be recycled.

This symbol indicates that electrical and electronic devices are collected selectively. The symbol shows a waste container crossed out with an X symbol.

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Icons of battery capacity		
ICON	MEANING	
Í	Full level	
Ê	Between intermediate and high level	
Ó	Medium level	
Ō	Low level	