RCC WATCH WITH ELECTROLUMINESCENT BACKLIGHT

3 ATM

I. DESCRIPTION



A. Second hand

- B1. Key mode
- B2. Key set
- B3. Electroluminescent backlight*
- C. Minute hand
- D. Hour hand
- E. LCD screen

Note: the figures and small and big lines all around the dial are only decorative, and have no function.

Fig. 1

* Press B3 to activate the electroluminescent backlight.

II. FEATURES

- Automatic Radio Controlled Time Setting for Germany (DCF).
- Calendar
- Time zone

III. DESCRIPTION OF DIFFERENT MODES

In normal time mode display, press B2 to see date, seconds, weekday and time zone:



IV.MANUAL SETTING :TIME ZONE, DST, TIME AND DATE

A. Time zone setting

- **1.** Press and hold down B1 till "EU" flashes to enter into setting mode. The hands stop.
- 2. Press B2 one by one till you get the desired time zone among the 24 time zones (see table in subpart E).
- **3.** Press B1 to enter next setting mode: DST mode. DST symbol (AUTO or ON or OFF) displays and flashes.

Note: The setting sequence is the following: EU (Time zones), AUTO or ON or OFF (DST light time saving time), H(Hour), M (Minute), S (Second), Y (Year), M (Month), Date (D).

EU →ON→	H→M	$\Rightarrow \Xi \Rightarrow Y \Rightarrow$	M→D
†			

B. DST setting

- 1. In DST set mode: AUTO or ON or OFF displays and flashes.
- 2. Press B2 to select AUTO or ON or OFF.

Note:

 $\mathsf{ON}=\mathsf{Activation}$ of DST (DST indication shows on the top, in the middle of LCD screen).

OFF = Deactivation of DST

AUTO: Automatic mode (When the watch receives DCF signal, it automatically switches to summer time).

3. Press"B1"to confirm and enter time setting mode.

C. Time setting

- 1. In time setting mode, the setting order is Hour ("H"), Minute ("M") and then Second ("S"). The current value to be set will flash.
- Press B2 to set, and then B1 to confirm and enter next setting mode.
 Note: When setting the second, pressing B2 will set the second to zero "00".
- 3. Press B1 to confirm and enter date setting mode.

D. Date setting

- 1. In date setting mode, the setting order is Year ("Y"), Month ("M") and Day ("D"). The current value to be set will flash.
- 2. Press B2 to set, and then B1 to confirm and enter next setting mode.
- 3. After setting the day, press B1 once to exit setting mode and to return to normal timekeeping. The hands will speed running to synchronize with internal LCD time.

E. 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	8H	+8
Tokyo	9H	+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	-8	-8
Denver	-7	-7
Chicago	-6	-6
New york	-5	-5
Caracas	-4	-4
Rio	-3	-3 -2
Recife	-2	
Azores	-1	-1

V. MANUAL SIGNAL RECEPTION

- 1. Press and hold down B2 for 3 seconds to enter manual signal reception mode.
- 2. The second hand will rotate, and stops till it points to 12 o'clock position.
- 3. The signal symbol (★) on the far left of LCD screen will appear flashing. The strength of the signal is indicated by a symbol with one or several bars appearing just next to the signal symbol (see table below). If the signal is successfully received, the (★) icon will stop flashing and will be fixed. Then time will update to local right time.

Note: If the watch is subjected to strong electromagnetic interferences or to any interferences, the symbol of the signal's strength cannot be displayed.

	SIGNAL STATE		
-11	PERFECT. Radio signal is successfully received.		
41	GOOD		
■ or no signal bar	BAD. The watch will go back to time a few minutes later.		

If the $(\stackrel{\checkmark}{\not\approx})$ icon still flashes with no signal bar, leave your watch all night long near the window (see above for the position of watch).

For optimal reception, position your watch in a flat, face down manner (see figure 2 in the opposite), near a window or on a windowsill outside preferably till the hour sets automatically.



Note: To exit manual radio signal reception during reception mode, press and hold B2 for 4 seconds. The hands will then fast spin till they resume the time stopped during reception.

VI.AUTOMATIC SIGNAL RECEPTION

The watch will automatically search the signal 3 times everyday:

• EU (3:00AM , 4:00AM and 5:00AM);

Do not move the wach when it is in reception mode!

If the signal is successfully received at any of above times, the watch will not detect the signal again that day. For example, if the watch receives DCF signal at 3:00AM, it won't detect DCF signal at 4:00AM and 5:00AM.

In case the watch fails to receive the signal in one time point (for example: 3:00AM), it will automatically detect the signal in next time points (4:00AM and 5:00AM) until it receives it. Receiving time lasts between 3 to 10 minutes. If signals cannot be received within this time, receiving mode will turn off and the watch will go back to time mode.

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 equipments 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.



In case your watch fails to receive the automatic signal when faced to these different factors for 3 days consecutively, the automatic function will be closed in order to save power. The watch will still be functional but the time tolerance will be within 1 second per day.

In order to reactivate automatic signal reception, press and hold B2 for 3 seconds to enter manual signal reception. When the automatic signal will be reactivated, the 1 second time tolerance will automatically fade away.

VII. RESET AND CALIBRATION

The different factors such as replacing the battery, strong magnetic fields or strong vibrations may cause the following problems:

- A loss of synchronization between the hands and internal (LCD) time;
- The second hand may not pause at 12 o'clock position exactly when we activate manual signal.

In these particular cases, you need to proceed as follows to recalibrate the hands:

- 1. In any mode, press and hold down B1 till the digits "**00**" appear flashing on LCD screen. Then the hands will be fast spinning.
- 2. Press B2 once to stop.
- **3.** Press B2 to make the hand move one by one.
- 4. Press and hold down B2 till the hands fast spin.
- 5. When hour hand points to 12 o'clock position and minute hand rotate near 12:00, press B2 one by one to adjust, and stop when the three hands all align at 12 o'clock position. Calibration is then completed.

6. Press and hold down B1 for 3 seconds to confirm and exit calibration mode. The watch will enter reception mode.

Note : Repeat the procedure if the watch remains on reset and calibration mode.

- 7. During reception mode, you can:
 - either wait for the time to set itself automatically
 - or press and hold B2 for 3 seconds to go back to time mode. The hands will then fast spin till they reach the internal (LCD) time.

BATTERY INFORMATION:

1x CR2016 lithium button cell, 3V Battery lifetime : 6 years

VIII. 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 local authorities to find out how and where collection takes place. These restrictions apply because local authorities 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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