

Radio-controlled wrist-watch “MAXIMILIAN”

Congratulations on purchasing this radio-controlled wrist-watch. You have chosen the latest version of watch technology and you quickly will appreciate its advantages: reliability of showing always the exact time and a very simple and logical operating system.

Our innovative timepieces incorporate a miniature antenna and advanced receiver technology to intercept the time signal broadcast from the DCF radio station in Frankfurt/Main, Germany.

The time is generated from the German government's atomic clock, which is operated in Brunswick, the world's most accurate time piece.

Your watch automatically sets itself and precisely synchronizes with the DCF time signal each day. Our technology also performs internal checks to calibrate the quartz oscillator and maintains extraordinary accuracy, even when the signal is not received every day. This feature ensures continued accuracy and synchronization even when travelling for some time outside the reach of the transmitter. The watch adjusts itself automatically and changes to summer and winter time by radio command.

Features

- Swiss quality quartz gear from Ronda, combined with the receiver module designed and produced in Ruhla.
- Cases made of titan, stainless steel, carbon or glass-fibre reinforced plastic, with mineral glass.
- Analogue watch with three hands and date display (in the calendar version)
- Reception from the time signal transmitter DCF-77
- Intelligent time alignment for increased accuracy outside the reception zone
- Fast Time-Zone changing by manual hour setting when travelling abroad
- Radio reception checking option
- Manual hand setting option (battery change outside reception range)
- Battery: CR 1620, 3 years' life
- Guarantee: 2 year
- This watch meets the EMC CE protection requirements.

Operation

Quick Time-Zone setting when travelling abroad

When leaving the Central European Time zone while travelling abroad, you need to reset only the hour hand. Foreign time differs from domestic time by full hours, with just a few exceptions.

Pull out the winding button. On turning the button clockwise, the hour hand jumps forward each time by exactly one hour (please turn only in a clockwise direction). In doing so the precise radio setting of minutes and seconds stays intact.

After setting the time zone, simply press the button down into its normal position, and the watch displays the exact local time. When returning home, reset the hour manually to your local time. If necessary, seconds will be corrected automatically when receiving the next radio signal. That way you always have the correct time, even when travelling outside your Time Zone.

Battery end of life display

The radio wrist-watch Maximilian indicates the need of changing the battery by means of a noticeable change in the sequencing of the second hand: it pauses for five seconds at 12 o'clock and then jumps again to the current second. This indicates that the battery has to be changed within the next four weeks.

Please allow only an authorized watchmaker to change the battery.

Checking radio reception

If your radio watch fails to receive the radio signal once, the calibration of the quartz oscillator will still guarantee that it will display the correct time with extraordinary precision for several days and automatically catch up with signal reception.

Display of day and date

(only available in the calendar version)

Quickly press and release the watch winding button: the second hand shows the current date (in the date version).

Quickly press the button again and the second hand will show the day of the week (in the day/date version). The second hand stays in date/day display until the current radio-precise second catches up and then continues in pace with the seconds.

Setting the watch manually

If your watch does not show the correct time or date (in the calendar version), there are two reasons why:

- extreme agitation/concussion/shaking can cause the watch to be one or more seconds fast or slow.
- incorrect operation when setting the watch manually can lead to a complete disguised watch setting.

In both cases the dials must be synchronised in the following way:

Caution: Setting is only possible when the second hand is running and not in the date display.

1. In order to enter setting mode, press the winding button until the second and minute hands begin to move (takes about 10 seconds). The second hand moves after four seconds, but keep the button pressed until the minute hand also begins to move. Only when both hands move quickly the button should be released.

Let the hands run until they come to a halt.

If the minute and second hands stay on top of each other at 12 o'clock exactly, the watch is set for radio reception. Skip to point 3 for further instructions.

If the minute and second hands do not stop on top of each other at 12 o'clock, proceed with setting as explained in point 2.

2. Bring second and minute hands into 12 o'clock position manually by pressing the button.

Move the second and minute hands forward by pressing the button **until both hands remain exactly on top of each other at 12 o'clock.**

Fast motion: Start by pressing the button for a fairly long time. End by pressing the button briefly.

Single step: Press the button briefly.

Set greater discrepancies (minutes) in fast motion first and the remaining seconds in single steps until the minute and second hands have reached the 12 o'clock position. If the setting procedure fails, please do not start to reset again until the second hand is moving at the rate of seconds.

Ignore the hour hand for the time being. This will be set later (see point 4).

3. Leave the watch aside for a short while so that it can receive the radio telegram. After some 2-10 minutes the minute and second hands will set themselves automatically to the precise radio time.

4. Now set the correct hour by fast hour setting.

Pull the winding button and turn the hour hand forward clockwise until it reaches the current hour. The precision of minutes and seconds remains throughout this operation.

Note: Reset the time of your watch only when it no longer indicates correct radio time or correct date (with the calendar version). Unnecessary setting and resetting shortens battery life considerably.