



## For Human and Nature

### Operating Manual

#### W322 / W366 Solar Drive RC- Movement

No. W322 / W366 05/15

#### Product Features:

- Radio-controlled, automatic time setting and clock change for Daylight Savings.
- Perpetual calendar
- Reception Control
- Worldwide manual time zone clock change
- Solar movement with rechargeable battery. No changing of battery! Duration of battery when fully charged is 6 months (without light).
- LCD display with day/date display. Languages: German and English.
- Due to energy saving reasons, the sleep function activates when the watch lies in the dark for 3 days. When the watch is in the light again, the hands will automatically change to the correct time.
- Low battery status indicator „Low battery“ LB

Table: loading time

luminous source	illumination	Complete charging
Sunshine	40 klx	8 h
Daylight	10 klx	32 h
Artificial light	5 klx	60 h

#### General Information of Solar Technology

To avoid damage of the solar cells, the watch should always be charged to its minimum. Therefore it is recommended to store the watch in the light and not in the dark.

#### 1. Initial Setup

(important for correct setting of the radio-controlled watch)  
Due to heavy shocks or magnetic fields the hand position may differ from the internally saved radio time. The initial setup serves to resynchronise the hands with the internally saved radio time.

- Press and hold SET and MODE for 5 seconds.  
The second hand stops and the display shows H.P.
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The second hand stops and the display shows H.P.
- Now press and hold MODE until the second hand starts to rotate. Wait until all three hands rotate to a full hour. Press MODE again to stop the hands from rotating. Now press MODE as required until the second hand aligns with 12:00. All three hands should now show exactly a full hour (e.g. 10:00).
- Press SET. The LCD display shows a flashing numeral.
- Press MODE until the LCD display shows the number of the analogue hour (e.g. „10“ for 10:00).
- Press SET.

The initial setting is now complete. The watch should now receive the radio signal and set itself to the correct time. This process will take up to 8 minutes.

#### 2. Checking Radio Reception

The radio clock will attempt to receive the DCF77 radio-control signal every day between 3:00 and 4:00. However, interference with reception might occur due to thunderstorms or electrical disturbance.

- Press SET.
- If the second hand rotates to 12:00, the reception attempt was successful.
- If the second hand rotates to 6:00, the reception attempt was not successful.
- In both cases the LCD display shows the remaining seconds running down and the watch returns to the saved radio time.

#### 3. Manual Radio Reception Check

A manual call for the transmitter is always possible, but might fail due to bad weather conditions or electronic devices in the vicinity.

- Press MODE and hold for 5 seconds.
- The LCD display shows the signal reception. The process will take 3 - 8 minutes.

#### 4. Setting of LCD Display

- The LCD display can show either the day of week or the date.
- Press MODE to choose the desired option.

#### 5. Language of Index in LCD Display

The displayed information is either in German and English.

- Press MODE and hold until the day of week is set.
- Press SET and hold for 2 seconds until the display shows GE (German) or EN (English).
- Press MODE to choose.
- Press SET to store.

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

#### 6. Time Zone Setting

When travelling to a country that does not lie within the Central European Standard Time (GMT+1) or the Central European Summer Time (GMT+2), the local time may be changed as follows:

- When the LCD display shows the date, press SET and hold for 2 seconds.
- The LCD display shows H.R. for 3 seconds and then the internally saved hour.
- Press MODE stepwise to set the new LCD displayed hour (24h).
- Press SET to store the settings.
- The LCD display now shows MIN for 3 seconds and then the internally saved minutes.
- If needed set the minutes by pressing MODE stepwise.
- Press SET to store the settings. The pointers will now adjust to the new local time.
- For returning to the Central European Time, please follow point 1 (initial setup).

#### 7. This point equates to the EMV guidelines of the EU.

**Ensure that the crown is returned to the normal operating position before the watch comes in contact with water.**

For more Information about ETT-projects visit [www.ecotechinside.de](http://www.ecotechinside.de)

For watch-accessories, please visit: [www.ecotechtime.de](http://www.ecotechtime.de)

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