

# GB Instruction Manual

quantys<sup>®</sup>

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## Solar RADIO-CONTROLLED ALARM CLOCK

### With analogue alarm time setting

#### Safety instructions

- Swallowing batteries can be life-threatening. Therefore, keep the batteries and clock out of the reach of small children. If a battery is swallowed, seek medical assistance immediately.
- Keep children away from the packaging material. There is a risk of suffocation!
- The provided battery is not to be taken apart, thrown into a fire, or short-circuited. It may only be charged in a charger which is specifically suitable for RAM cells.

#### Other instructions

- Do not subject the clock to large temperature deviations, moisture, direct solar irradiation over a long period, dust, or impact.
- Do not use cleaning products which are abrasive, or which contain solvents, when cleaning the solar wall clock.

### COMMISSIONING

1. Open the battery compartment
2. **Remove the insulating strip**
3. Close the battery compartment

Once you have inserted the battery, it may occur that you hear a short alarm sound while the hands move to 4:00, 8:00 or 12 o'clock position. After this the receiver will be switched on. During the reception period, which lasts about a few minutes, the hands remain in their position. The complete procedure involving the hands moving to the exact time lasts up to 5 minutes. Outside Germany, the daily automatic time synchronisation with the time signal transmitter takes place at night.

Please never keep the upper button pressed down when inserting the battery. In case of doubt repeat the starting procedure.

#### **Possible sources of interference**

As is the case for any radio-controlled receiver, the radio-controlled alarm clock may also be subject to certain reception restrictions and transmitter interferences. The process of setting can only be delayed in sites with extremely bad reception, for example thunderstorms or strong damping from a building (metal construction elements) or atmospheric disturbance.

As well as unshielded household devices, television sets and personal computers could be mentioned as sources of interference in the household. Temporary downtimes of the broadcaster may also occur.

#### **Note for use on long journeys (outside of Europe):**

Please note that the RAM battery should not be taken out during your journey, because

the current time information could get lost if this happens. It is not generally possible to set the time manually.

### **Summertime/wintertime**

Adjustment from summer to winter time and vice versa

At the currently applicable adjustment times your alarm clock makes the adjustment by moving forward by one hour for summer time (Central European Summertime) or by moving forward by eleven hours for winter time (Central European Time).

## **ALARM FUNCTIONS**

### **ALARM**

The alarm has two crescendo steps and two different intervals.

#### **Setting the alarm time**

Set the alarm time by turning the time setting wheel (seen from the back of the alarm clock) in direction of the arrow.

#### **Activating the alarm**

Push the "Alarm on/off" switch at the side upwards. The alarm activation is optionally shown by an orange window on the clock face.

#### **Alarm interruption (snooze operation)**

Briefly press the top button. The alarm signal is interrupted for 4 minutes and then sounds again.

The snooze function can be repeated for as long as the alarm is activated until 45 minutes after the alarm time.

The alarm signal is automatically exited after 2 minutes, if it is not interrupted or deactivated

#### **Switching off the alarm signal**

In order to switch off the alarm, press the "Alarm on/off" switch at the side downwards. The orange window on the clock face is no longer visible.

## **ILLUMINATION**

With every first further alarm the lighting is switched on automatically for 5 seconds.

For the duration of every button press the clock face lighting is activated, and it remains activated for approx. 5 seconds.

We use an EL foil in order to ensure even illumination of the dial.

## **CHANGING THE BATTERY**

The energy output of the internal solar module is stored in the special battery pack. This works with normal lighting conditions in the living and sleeping room. The special battery pack is cadmium-free and will be reliable for approximately 8 years.

Please note that if you do not place the alarm clock to a source of light, the lifetime of the battery pack will be reduced, because it cannot be recharged without light from the solar module. If you find that the performance of the battery pack decreases (e.g. the illumination becomes weaker), please put the solar module under bright light. In the rare event that you should nonetheless need to change the special battery pack it is important to use only a rechargeable alkaline RAM battery of AA size (e. g. from quantys or Accucell).

For the recharging the special battery pack, you should only use a special battery charging unit of the battery producer.

### **Technical data:**

Working temperature:	-5° C to + 55° C
Power Supply:	1 x 1, 5 Volt RAM-cell
Integrated radio receiver:	DCF 77 at 77, 5 kHz MSF at 77,5 kHz ( Only in MSF version)
Antenna:	Internal ferrite antenna
Sensitivity of reception:	< 70 µV/m
Setting time with interference-free reception:	3 - 5 minutes
Summertime/wintertime:	automatic adjustment
Time storage:	effective in case of reception interference
Battery:	rechargeable alkaline RAM Battery 1.5 V, RLR6AA
Size solar Clock	13x9.5x9.5 cm
Size diameter clock face	8 cm
Weight Solar Clock	200 gr.

- Subject to technical modifications -

### **Guarantee 3 years**

We guarantee this product for 3 years from the date of purchase. This guarantee excludes damage which results from inappropriate treatment. It is also invalidated

when persons acting without or authorization open the box or manipulate it in any other way.

The guarantee is only valid with the original receipt.

This product has been awarded the Blauer Engel (Blue Angel) environment label for



being solar powered and for its minimal environmental impact

### Service – frequently asked questions

<u>Question</u>	<u>Answer</u>
(1) Restarting the clock	Remove the battery from the battery compartment. Place the clock on a support with its face facing downwards, and then briefly (for approx. 2 seconds) insert the battery the wrong way around (with reversed polarity). Then immediately insert the battery the right way around again.
(2) The hands of the clock turn continuously	Restart the clock (1). The battery is almost empty: check the voltage. Alternately, the clockwork may be faulty, in which case you should send the clock to the Service Department.
(3) The clock does not set itself	Remove the clock from the field of influence of possible sources of interference. The clock should be more than 1 m away from television sets, computers, monitors etc. Then restart the clock (1).
(4) The clock remains stopped at 4, 8 or 12 o'clock and does not set itself	The clock takes up to 10 minutes to receive the radio signal and set itself. In case of poor reception conditions, this may even take a whole night.
(5) The clock displays the wrong time	Restart the clock (1).
(6) Battery	Special quantys solar battery with rechargeable alkaline-manganese cell, available from quantys. <b>Do not use disposable batteries!</b>

### **Waste management**

Batteries and electrical scrap must be disposed of in a suitable manner and not with the domestic waste. Battery sellers provide appropriate containers for this. Batteries can also be left at public collection points set up for this purpose.

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