

User's Manual English

Movements Caliber

RONDA solartech

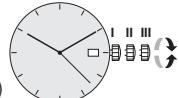
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You have decided to buy a watch, which was assembled by a watchmaker using a Ronda movement. Please note that no watches are produced or distributed under the Ronda brand.

In case of repairs, guarantee claims and questions concerning the functioning of a watch, purchasers and consumers should contact their retailer or the watch manufacturer, for which the relevant information can be found in the sales or guarantee documentation provided with the watch.

Kal. 214

Kal. 215



Pos. I Position of rest (watch running)

Pos. II Quick-change correction for date

The date can also be corrected during the day-changing phase between 10 pm and midnight. The date of the following day has to be set, because no automatic date change takes place at midnight.

- Pull the crown out to position II (watch still running).
- Turn the crown clockwise until the required date appears.
- Push the crown back into position I.

Pos. III Setting the time

- Pull the crown out to position III (watch stopped).
- Turn the crown, until the current time is displayed (remember the 24-hour cycle).
- Push the crown back into position I.

Kal. 212

Kal. 213



Pos. I Position of rest (watch running)

Pos. II Setting the time

- Pull the crown out to position II (watch stopped).
- Turn the crown, until the current time is displayed (remember the 24-hour cycle).
- Push the crown back into position I.

Function of a solar quartz movement

Ronda Solartech movements draw the electrical energy required for operation from a rechargeable battery. This eliminates the need to regularly change a battery.

The battery is charged by incident light from a solar cell located under the dial. To do this, the watch with the dial up is exposed to direct light.

Features

Quick start function:

When the battery is empty, the movement starts within a few minutes after the watch is exposed to sunlight.

Battery protection mode:

As soon as the battery reaches a very low state of charge, switching off the movement prevents deep discharge of the battery. This protects the battery, ensuring a long service life.

Battery overcharge protection:

This prevents the battery from overcharging and thus impairing the function of the movement.

Battery performance and charging

The running time of the movement after fully charging the battery is approximately 8 months.

For optimum performance, RONDA recommends charging the battery regularly with an adequate light source; this is done most quickly in direct sunlight.

WARNING: Avoid high temperatures of more than 60 °C (e.g. under an incandescent or halogen lamp, behind glass, etc.) to prevent malfunction.

Environment	Approximate charging time depending on light source *		
	Day charge	until the movement runs when the battery is empty	until fully charged when the battery is empty
Outdoors (sunny)	2 minutes	1 minute	7 hours
Outdoors (cloudy)	11 minutes	5 minutes	1.5 days
20 cm from a fluorescent lamp (30 W)	35 minutes	20 minutes	5.2 days
Indoor lighting	4.4 hours	2 hours	40 days

*based on a light transmission of the dial of 30%.

Day charge: Time needed to charge the battery so that the movement runs for one day.

Until the movement runs when the battery is empty: Time needed to charge the battery to the point where the movement starts running when the battery is discharged.

Until fully charged when the battery is empty: Time required to fully charge an empty battery.

Replacing the battery

Solartech movements are equipped with a special rechargeable battery that does not require regular replacement, so it should not be removed from the movement.

If it is necessary to replace the battery, it is essential to ensure that only a battery approved by RONDA for this movement is used. The replacement must be carried out by a specialist dealer and the old battery must be disposed of properly.

WARNING: The use of a different type of battery or a conventional silver oxide battery may damage the movement and endanger the wearer.

Recommendation for storage

Avoid storing the solar watch with an empty battery for long periods in the dark. This is important to ensure a long battery life.

If the watch is not going to be worn for a long period of time, it is recommended that it be stored openly in a bright room. This ensures that the solar watch runs without having to be charged before wearing.

By pulling the stem to the outermost position (energy-saving mode), the power consumption can be reduced by about 70%, which further extends the life of the battery.

For movements with a calendar this corresponds to position III, for models without a calendar to position II.

Cal. 212 / 213 / 214 / 215:

Rechargeable battery type: MT920 (Panasonic) Akku

Precision: +20/-10 seconds per month