

# Operation Guide 5587/5661

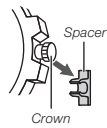
**ENGLISH**

• Your watch may differ somewhat from the one shown in the illustration.

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## Before Using the Watch for the First Time

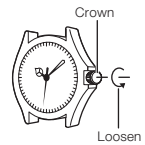
- Depending on your watch model, there may be a spacer installed at the factory around the crown. If your watch has a spacer, you should remove the spacer before using the watch.
- After removing the spacer, use the procedures in "Crown Operations" (page E-3) and "To adjust the time setting" (page E-12) to set up the watch for use.



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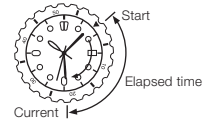
## Crown Operations

Some water-resistant models (10BAR, 20BAR) have a screw-in crown. When you need to perform a crown operation, rotate it towards you to unscrew it. Then pull the crown out. Avoid applying undue force when pulling. The watch loses its water resistance while the crown is unscrewed. After performing a crown operation, fully screw the crown back in.



## If your watch has a rotary bezel...

You can rotate the bezel to align its ▼ mark with the minute hand. Then you will be able to tell how much time has elapsed since aligning the ▼ mark.



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## Solar Charging

A solar panel generates electrical power that charges a built-in (secondary) battery. The entire face is a solar panel, so power is generated when the face is exposed to light. Keep the watch exposed to light as much as possible.

## Charging the Battery



When you are not wearing the watch, leave it where it is exposed to light. For stable operation, expose the watch to at least a half day of light per month.



When wearing the watch, try to keep your clothing from blocking its face (solar panel). Charging efficiency is reduced significantly even if the face is blocked only partially.

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## Caution!

- The case of the watch may become quite hot when charging. Guard against burn injury after charging.
- Avoid charging in the following locations, and anywhere else where the watch may become very hot.
  - On the dashboard of an automobile parked in the sun
  - Close to an incandescent light source or other sources of heat
  - Locations exposed to direct sunlight for long periods

## Battery Indicator

While the crown is pushed in, holding down the Ⓞ button for about one second will cause the stopwatch second hand to move to a position that indicates the current battery level (about how long the watch can continue operating).

- H : At least four months
- M : Two to four months
- L : No more than two months

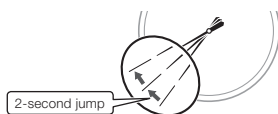
After about two seconds, the hand will return to 12 o'clock.

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## Low Battery Alert

The second hand will jump at two-second intervals to alert you when the charge is low.



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## Low Charge and Dead Battery Conditions

An alert operation is performed when the battery charge goes low.

## Charging Time

The times below are general guidelines for reference only.

### Charging Time to Support Daily Use

Exposure Level (Brightness)	Approximate Charging Time
Outdoor sunlight (50,000 lux)	6 minutes
Sunlight through a window (10,000 lux)	23 minutes
Daylight through a window on an overcast day (5,000 lux)	36 minutes
Indoor fluorescent lighting (500 lux)	6 hours

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## Charging Time to Recover from Dead Battery

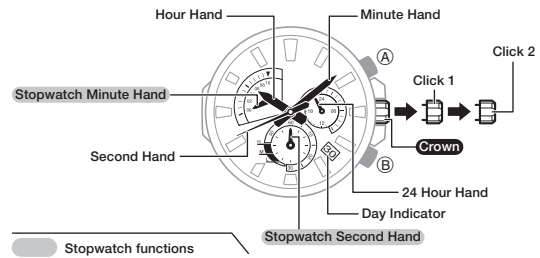
Exposure Level (Brightness)	Approximate Charging Time to 1-second Hand Movement	Approximate Time to Full Charge
Outdoor sunlight (50,000 lux)	2 hours	21 hours
Sunlight through a window (10,000 lux)	6 hours	78 hours
Daylight through a window on an overcast day (5,000 lux)	10 hours	125 hours
Indoor fluorescent lighting (500 lux)	96 hours	- - -

### Note

- Actual charging time depends on environmental conditions.

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## Indicators and Crown Operation



E-11

## Setting the Current Time and Day

### To adjust the time setting

- When the second hand is at 12 o'clock, pull the **Crown** out to Click 2.
- Rotate the **Crown** to change the time setting.
- Push the **Crown** back in on a time signal to resume timekeeping.

### Note

- Take care that you set the correct AM or PM time.
- When changing the time, move the minute hand four or five minutes past your final setting, and then back it up to the setting you want.

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### To change the day indicator setting

- Pull the **Crown** out to Click 1.
- Rotate the **Crown** towards you to set the day.
- Push the **Crown** back in.

### Note

- The day indicator setting uses a 31-day month. Make adjustments for months of shorter lengths.
- Avoid changing the day indicator setting between the hours of 9 p.m. and 1 a.m. Otherwise, the day indicator may not change correctly at midnight.

E-13

## Using the Stopwatch

The stopwatch measures elapsed time in 1-second increments up to 9 minutes, 59 seconds.

### Elapsed time



### Split time



E-14

### Two finishes



### Important!

- Do not operate the stopwatch with the crown pulled out.

### Note

- An elapsed time operation will stop automatically at the end of 10 minutes.

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## Correcting the 0 Positions of the Hands

Perform the following procedure if the stopwatch hands do not return to their 0 (zero) positions when you reset the stopwatch.

- Pull the **Crown** out to Click 2.
- Use **(A)** (clockwise) and **(B)** (counterclockwise) to move the **Stopwatch Second Hand** to 12 o'clock and the **Stopwatch Minute Hand** to 0.
  - Holding down either button will move the second hand at high speed, until you release the button.
  - The **Stopwatch Minute Hand** is synchronized with the **Stopwatch Second Hand**.
- After all of the hands are the way you want, push the **Crown** back in.

### Important!

- Timekeeping stops while the crown is pulled out. Correct the current time setting after performing the above operation.

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B

## Specifications

**Accuracy at normal temperature:** ±20 seconds a month

**Stopwatch:** Measuring Capacity: 9'59" (10 minutes)

Measuring Unit: 1 second

Measurements: Elapsed time; split time; two finishes

**Other:** Low battery alert

**Power Supply:** Solar panel and one rechargeable battery

Approximate battery operating time: 5 months (no exposure to light after a full charge)

Specifications are subject to change without notice.

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