

■ Fully charge your watch before use by exposing it to sufficient light ■

The second hand will move at 2-second intervals when the watch is insufficiently charged. Charge your watch as indicated in "Guide to Charging Time" (p. 22).



*It is recommended that the watch be exposed to direct sunlight for a long time once a month to fully charge it.



ManualsLib.com



1. Your Watch

⦿ This watch includes a solar cell surrounding its face and is driven by converting solar energy into electric energy.

Other Features

1. For the date, the numbered day of the month is indicated using a special hand, and the month and day of the week are indicated in display windows.
2. The watch is equipped with a moon phase indicator.

2. Operating the Crown

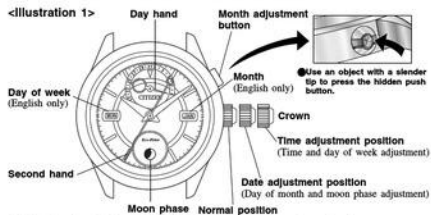
There are two models available for the crown: normal and screw lock. In the case of normal crown watch, simply pull out the crown.

<Operating the screw lock crown>



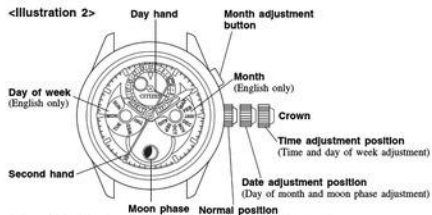
1. Turn the crown to the left.
2. When the screw lock is released, the crown pops out a little and stops in the normal position.
3. After finishing the operation, turn the crown to the right to lock it.

3. Part Names



The illustrations shown in this manual may differ from the actual watch you have purchased.
This manual describes the operation procedures for watch models that have a push button at the 2:00 position and a crown at the 3:00 position.

6

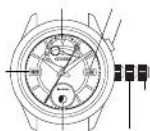


This manual describes the operation procedures for watch models of the illustration 1.

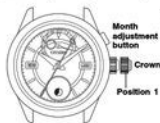
7



ManualsLib.com



◀ Adjusting the day of month and month ▶



1. Pull out the crown to position 1 (date adjustment position).
2. Adjust the day of month and the month.
 - The day of month rotates to the right when the crown is turned to the left.
 - Pressing the month adjustment button changes the month.

[When the day of month to be set is from the 3rd to the 30th]

- ① Turn the crown to the left to set the day hand to the current day of the month.
- ② Press the month adjustment button to set the month to the current month.

[When the day of month to be set is the 31st]

- ① First, temporarily set the day of month to the 30th.
- ② Press the month adjustment button to set the month to the current month.
- ③ Turn the crown to the left to set the day to the 31st for the correct day of month.

[When the day of month to be set is the 1st or 2nd]

- ① First, temporarily set the day of month to the 30th.
- ② Press the month adjustment button to temporarily set the month to one month before the current month.

Example: Set to December when making settings for January.

Set to February when making settings for March.

- ③ Turn the crown to the left to set the day to the 1st or the 2nd for the correct day of month.
The month changes to the current month at the same time the day of month changes from the 31st to the 1st.

3. Return the crown to the normal position.

- Due to the construction of the mechanism, temporary adjustment is required in order to set the correct date.

Setting the Time



1. When the second hand reaches the 12:00 position, pull out the crown to position 2 (time adjustment position).
2. Turn the crown to the right (clockwise) to adjust the time. Adjust the time while paying attention to a.m./p.m. by noting the time at which the date changes.
3. Set the time to the time signal time, etc. and return the crown to the normal position.

[Hints for accurate adjustment]

The time can be more accurately adjusted by first stopping the second hand at the 12:00 position, advancing 4 to 5 minutes past the time that the hour and minute hand are to be set to, and then set the current time by backing the hands into position by rotating the hands counterclockwise.

[NOTE]

- ① If you adjust the day of month when a time between 9:00 p.m. and 12:00 midnight is being displayed, the day of month sometimes does not change to the next day even if the actual date changes. Avoid changing the day of month during this time period.
- ② The day of month indicated by this watch follows a 31-day cycle. To advance to the 1st of the next month after a short month (a month having 30 days or February), pull out the crown to position 1 and turn it to the left.
- ③ Avoid adjusting the month when the day hand indicates a day from the 31st to the 2nd.
To make adjustment during this period, first set the day of month outside the range of the 31st to the 2nd, and then adjust the month. Then, set the day of month that the day hand should point to.

Solar Power

6. Solar Power Function

This watch uses a secondary battery to store electrical energy. When the watch is fully charged, it will maintain its accuracy for about 6 months.

<Ensuring best operation of the watch>

Always store the watch in a bright location for best results.

- ◆ Placing the watch near a window where its face can receive sunlight or near another source of light when you are not wearing it will ensure that the watch is regularly charged, allowing it to maintain its accuracy.



- ◆ Wearing clothes with long sleeves makes it difficult for the watch to get the necessary light, resulting in insufficient charging. We recommend that you charge the watch for a long time in direct sunlight once a month.

[NOTE]

Do not charge on surfaces that can easily become hot, such as a car dashboard.



7. Characteristics of the Solar Powered Watch

⊙ When the watch is insufficiently charged, the indication will be changed as follows:

[Normal indication]
The second hand moves at 1-second intervals



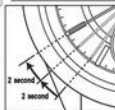
The watch has been insufficiently charged because the watch face has not received sufficient light

As the battery recharges

[Insufficient charge warning]
The second hand moves at 2-second intervals



As secondary battery capacity diminishes without charging



The second hand starts moving at 2-second intervals.

[Stopped status]
The watch stops



The display time will be incorrect because the watch has stopped due to insufficient charge. Adjust to the correct time.

The watch must be subjected to enough light for a sufficient charge until the watch hands begin moving.

ManualsLib.com



◀ Guide to Charging Time ▶

The charging time varies according to the model (including the color of the watch face). The following data should only be used as a guideline.

* The charging time is based on continuous exposure.

Illuminance (lx)	Environment	Charging time (approximate)		
		For a 1-day movement charging time	Time from stopping to resuming the 1-second interval movement	Time for full charging
500	Indoor lighting	4 hours	-----	-----
1,000	60 - 70 cm (24 - 28 in) beneath a 30 W fluorescent light	2 hours	60 hours	-----
3,000	20 cm (8 in) beneath a 30 W fluorescent light	50 minutes	25 hours	150 hours
10,000	Cloudy sky	30 minutes	14 hours	90 hours
100,000	Direct summer sunlight	6 minutes	3 hours	19 hours

CAUTION Charging precautions

- ◆ Do not charge the watch in a high-temperature environment (about 60°C / 140°F or more).

Overheating while charging can cause the watch exterior to become discolored, the watch to deform or the movement to be damaged.






Example:

- Charging close to incandescent lighting, halogen lamps, or other lighting sources that easily become hot.
- Charging on surfaces that can easily become hot, such as a car dashboard.

- ◆ When charging with incandescent lighting, halogen lamps, or other lighting sources that easily become hot, place the watch at least 50 cm (20 in) away from the source to avoid overheating.



ManualsLib.com

ManualsLib.com

ManualsLib.com



ManualsLib.com