

# Instruction Manual

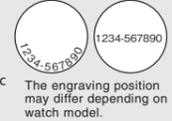
Thank you for your purchase of this Citizen watch.  
Before using the watch, read this instruction manual carefully to ensure correct use.  
After reading, be sure to store this manual in a safe place should it be needed for future reference.

\* The case has different features depending on the model. Details of the case features are not contained in this manual, see “http://www.citizenwatch.jp/”.

### To check the movement number

A case number is engraved on the case back. (See the figure below.) A number composed of four + six alphanumeric characters (or more) is engraved. In the example below, “1234” is the movement number.

<Engraving position example>



### Safety precautions

(Instructions to be followed at all times)

This manual contains the following instructions that should be strictly followed at all times to prevent injury to yourself and other persons as well as damage to property.

- Injuries and damage that might be caused by using the watch improperly or neglecting any of the instructions or precautions contained in this manual are classified with the following symbols.

	<b>DANGER</b>	Highly likely to cause death or serious injury.
	<b>WARNING</b>	Can cause serious injury or death.
	<b>CAUTION</b>	Can or will cause minor or moderate injury or damage.

- Important instructions that should be followed are classified with the following symbols.

	Warning (caution) symbol followed by instructions that should be followed or precautions that should be observed.
	Warning (caution) symbol followed by prohibited matters.

\*The illustrations shown in this manual may differ from the actual watch you have purchased.

## Specifications

Cal. No.:	G431 / B800
Type:	Analog solar-powered watch
Time accuracy:	Average monthly deviation: ±15 seconds (When used at normal temperature (+5°C to +35°C))
Operational temperature range:	-10°C to +60°C
Display functions:	Time: Hours, minutes, seconds Calendar: Day, date (only B80*)
Additional functions:	<ul style="list-style-type: none"> <li>Insufficient charge warning function</li> <li>Time setting warning function</li> <li>Quick start function</li> <li>Overcharge prevention function</li> </ul>
Operation time:	From fully charged to stop: Approx. 6 months From two second interval movement to stop: Approx. 7 days (G43*) Approx. 3 days (B80*)
Battery:	Rechargeable cell (lithium button cell), 1pc

## Notes Before Use

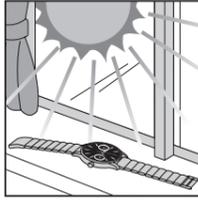
### Notes on charging your watch

- This watch uses a built-in rechargeable battery that does not use any harmful substances such as mercury whatsoever.
- Charge the watch by exposing the dial to light such as direct sunlight or fluorescent lamps.

### For optimal performance

To ensure optimal watch performance, be sure to perform the following.

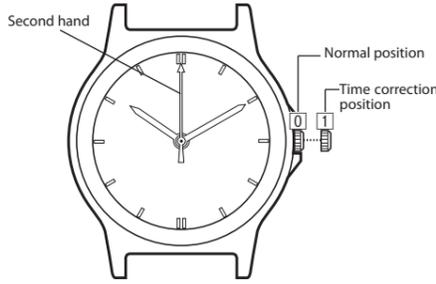
- After taking off the watch, put it in a position so that the dial is exposed to bright light, such as by a window.
- Charge the watch in direct sunlight once a month for 5 to 6 hours.
- Before storing the watch in a dark place for an extended period of time, be sure to charge it fully. When the watch is regularly covered with long sleeves, it may not be charged sufficiently. Try to keep the watch exposed to light sufficient for charging.
- Do not charge the watch at a high temperature (about 60°C or higher).



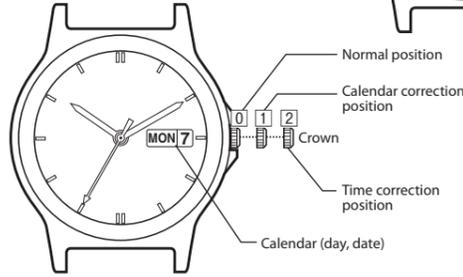
## Setting the Time and Calendar

G431

- Pull the crown out to the time correction position ① when the second hand has reached 0 seconds.
- Turn the crown to set the time.
- The watch starts to run when the crown is firmly pushed in to the normal position to finish setting the time.



B800



### <Setting the Time>

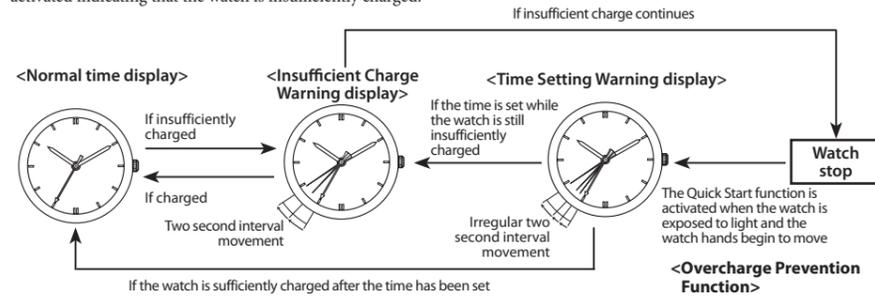
- Pull the crown out to time correction position ② when the second hand reaches the 0 seconds position.
- Set the time by turning the crown.
- Securely return the crown to normal position ① in synchronization with a time signal such as that provided over the telephone to finish setting the time.

### <Setting the Calendar>

- Pull the crown out to calendar correction position ①.
  - Set the date by turning the crown to the left (counter-clockwise).
  - Set the day by turning the crown to the right (clockwise).
  - Securely return the crown to normal position ① to finish setting the calendar.
- \* Do not attempt to correct the calendar (date or day) when the time displayed on the watch is between the hours of about 9:00 PM and 4:30 AM. If the calendar is corrected between these hours, the date and day may not change on the following day.  
\* The date changes at about 0:00 AM.  
\* The Day changes by about 4:30 AM after the date changed.  
\* The calendar function of this watch operates on a 31-day cycle. Adjust the calendar at the beginning of the following months : March, May, July, October, December.

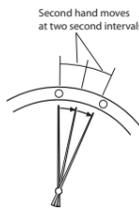
## Unique Functions of Solar-Powered Watches

When this watch becomes insufficiently charged, the following warning functions are activated indicating that the watch is insufficiently charged.



### <Insufficient Charge Warning Function>

The second hand moves at two second intervals to indicate insufficient charging. Although the watch will continue to keep time accurately, the watch will end up stopping if more than about 7 days elapse since the start of two second interval movement. At this time, recharge the watch by exposing to light until it returns to normal one second interval movement.



### <Time Setting Warning Function>

Although the watch hands begin to move when the watch is exposed to light after it has stopped, since the time is incorrect, the second hand moves irregularly in 2 second intervals to indicate that the time is incorrect. When this happens, sufficiently recharge the watch and reset the time. Irregular two second interval movement will continue until the time is set.



The Quick Start function is activated when the watch is exposed to light and the watch hands begin to move

### <Overcharge Prevention Function>

Once the rechargeable cell becomes fully recharged, the overcharge prevention function is activated to prevent it from being charged further.

### <Quick Start Function>

The watch stops when it becomes completely discharged. The watch hands begin to move after about 10 seconds when the watch is exposed to light (although the time until the hands begin to move varies according to the intensity of the light). However, please note that the watch may stop again since charging will be inadequate if the light is blocked at this time.

### About protective stickers

Please be sure to peel off protective stickers before wearing the watch if glass and metal parts of the watch (case, metal band, and metal parts of the clasp) are covered with the stickers. Perspiration or moisture may enter the gaps between the stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

### About band adjustment

Do not attempt to adjust the watchband (including the metal and rubber type) by yourself (except watches with accessory tool for band adjustment). Doing so may result in dropping the watch or injury during the adjustment. Please contact your dealer or Citizen Customer Support Center for adjustment of the band; otherwise, adjustment may not be possible or not be free of charge.

### About the crown

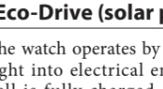
Some models use screw down system for the crown. Accidental operations can be prevented when the watch is not being operated by locking the crown. To operate the watch, release the lock.

- If your watch does not have a screw down crown, operations can be performed without locking or unlocking the crown.

## Before operation

### Unlock the crown

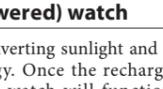
Rotate the crown to the left (counterclockwise).



## After operation

### Lock the crown

Press the crown and rotate it to the right (clockwise) to tighten the screw lock.



### Replacement of Rechargeable Cell

Because the watch uses a rechargeable cell, you do not need periodical cell replacement. However, power consumption may increase after using for an extended period of time due to deterioration, and the power may run out earlier than expected. To avoid this, we recommend that you have your watch inspected (Charge basis) periodically.

## Precautionary Items and Usage Limitations

### CAUTION To avoid injury

- Be particularly careful when wearing your watch while holding a small child, to avoid injury.
- Be particularly careful when engaged in strenuous exercise or work, to avoid injury to yourself and others.
- Do NOT wear your watch while in a sauna or other location

where your watch may become excessively hot, since there is the risk of burns.  
Be careful when putting on and taking off your watch, since there is a risk of damaging your fingernails, depending on the manner in which the band is fastened.

### WARNING Water Resistance

- Non-water resistant watches cannot be used underwater or in environments in contact with water.
- Water-resistance for daily use (to 3 atmospheres) means that the watch may be worn while washing your face or in the rain, but is not to be immersed in water.
- Upgraded water-resistance for daily use (to 5 atmospheres) means that the watch may be worn while swimming, but is not to worn while skin diving.

Upgraded water-resistance for daily use (to 10/20 atmospheres) means that the watch may be worn while skin diving, but not while scuba or saturated diving using helium gas.  
Refer to the watch dial and the case back for the indication of the water resistance of your watch. The following chart provides examples of use for reference to ensure that your watch is used properly. (The unit “1bar” is roughly equal to 1 atmosphere.)  
WATER RESIST (ANT) x xbar may also be indicated as W. R. x xbar.

Name	Indication	Specifications	Water-related use				
			Minor exposure to water (washing face, rain, etc.)	Moderate exposure to water (washing, kitchen work, swimming, etc.)	Skin diving, marine sports	Scuba diving using an air tank	Pulling out the crown when the watch is wet
Non-water-resistant watch	—	Non-water-resistant	NO	NO	NO	NO	NO
Everyday-use water-resistant watch	WATER RESIST (ANT)	Water-resistant to 3 atmospheres	OK	NO	NO	NO	NO
Upgraded everyday-use water-resistant watch	WATER RESIST (ANT) 5 bar	Water-resistant to 5 atmospheres	OK	OK	NO	NO	NO
Upgraded everyday-use water-resistant watch	WATER RESIST (ANT) 10/20 bar	Water-resistant to 10 or 20 atmospheres	OK	OK	OK	NO	NO

### CAUTION Precautions

- Always use the watch with the crown pushed in (normal position). If the crown is of the screw lock-type, make sure it is securely locked.
- Do NOT operate the crown when the watch is wet. Water may penetrate into the watch, causing deterioration of water resistance.
- If water enters the watch or the watch fogs up and does not clear up even after a long time, consult your dealer or Customer Support Center for inspection and/or repair.
- If a watch of upgraded water resistance for daily use is immersed in sea water or subjected to excessive perspiration, thoroughly rinse with fresh water and wipe completely dry with a soft cloth.
- If seawater enters the watch, place the watch in a box or plastic bag and immediately take it in for repair. Otherwise, pressure inside the watch will increase, and parts (crystal, crown, buttons, etc.) may come off.

### CAUTION When Wearing your Watch

- <Band>**
  - The durability of a leather band may be affected when wet (fading, peeling of adhesive), owing to the properties of the material. Moreover, wet leather may cause a rash.
  - It is recommended to take off the watch if it gets wet, even if the watch itself is water-resistant.
  - Do Not wear the band too tightly. Try to leave enough space between the band and your skin to allow adequate ventilation.
  - The rubber (urethane) band may be stained by dyes or soil present in or on clothing or other accessories.
- Since these stains may not be removable, caution is required when wearing your watch with items that tend to easily transfer color (articles of clothing, purses, etc.). In addition, the band may be deteriorated by solvents or moisture in the air. Replace with a new one when it has lost elasticity or become cracked.

- <Temperature>**
  - The watch may stop or the function of the watch may be impaired in extremely high or low temperature.
  - Do not use the watch in places where the temperature is outside the operating temperature range as stated in the specifications.

- <Static Electricity>**
  - The integrated circuits (IC) used in quartz watches are sensitive to static electricity. Please note that the watch may not indicate the correct time if exposed to intense static electricity.

- <Magnetism>**
  - Analog quartz watches are powered by a step motor that uses a magnet. Subjecting the watch to strong magnetism from the outside can cause the motor to operate improperly and prevent the watch from indicating the correct time. Do not allow the watch to come into close proximity to magnetic health devices (magnetic necklaces, magnetic elastic bands, etc.) or the magnets used in the latches of refrigerator doors, clasps used in handbags, the speaker of a cell phone, electromagnetic cooking devices and so on.

- <Strong Shock>**
  - Avoid dropping the watch or subjecting it to other strong impact. It may cause malfunctions and/or performance deterioration as well as damage to the case and bracelet.

- <Chemicals, Corrosive Gases and Mercury>**
  - If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nailpolish remover, cressol, bathroom cleaners and adhesives, water repellent, etc.) are allowed to come into contact with the watch, the may discolor, dissolve or crack the materials. Be careful when handling these chemicals. Contact with mercury such as that used in thermometers may also cause discoloration of the band and case.

### CAUTION Always keep your Watch Clean

- Rotate the crown while it is pressed in fully and press the buttons periodically so they do not become stuck due to accumulations of foreign matter.
- The case and band of the watch come into direct contact with the skin in the same manner as undergarments. Corrosion of the metal or unnoticed soiling such as that caused by

## Warranty and Service

### <Free Guarantee>

In the case of a malfunction has occurred during the course of normal use while the watch is still under warranty, the watch will be repaired free of charge in accordance with the conditions of the warranty included with this manual.

### <Stock Period of Repair Parts>

Our standard period for stocking repair parts for each model is generally seven year. When an exterior part such as the watch case, glass, dial, hand, crown or band is damaged, a spare part with different appearance may sometimes be used.

### <Repair Period>

Repairs can be performed on your watch within the repair parts stock period even after the free guarantee has expired. However, you will be charged for these repairs. Please take the watch to the shop where you purchased it and ask whether it can be repaired because the repair period varies according to the conditions of use, environment and so forth. Moreover, there are cases in which it is difficult to restore the watch to its original accuracy when decreased accuracy has resulted from long-term use.

### <Change of Address or Receiving as a Gift>

In the event that you have moved or have received your watch as a gift, and are not able to bring your watch to the shop where it was purchased for serving, please consult Customer Support Center.

### <Periodic Inspection (Charge Basis)>

You should have your watch inspected every 2-3 years to extend its life and ensure safety. (charge basis)

When replacing parts, always make sure to request genuine parts. When it becomes necessary to replace packings and springs, it may sometimes also be necessary to inspect other parts or to make repairs in addition to replacing the parts. Please ask for more detailed information on repair or replacement expenses at the shop where you purchased your watch or Customer Support Center.

### <Other Inquiries>

If you have any questions regarding the way warranty, repairs or other matters, please inquire at the shop where you purchased your watch or Customer Support Center.

### WARNING Handling of Rechargeable Cell

- The rechargeable cell should never be removed from the watch. If for any reason it becomes necessary to remove the rechargeable cell from the watch, keep out of the reach of children to prevent accidental swallowing. If the rechargeable cell is accidentally swallowed, consult a doctor immediately.
- Do not dispose of the rechargeable cell with ordinary garbage. Please follow the instructions of your municipality regarding collection of batteries to prevent the risk of fire or environmental contamination.

### WARNING Use Only the Specified Battery

- Never use a battery other than the rechargeable cell specified for use in this watch. Although the watch structure is designed so that it will not operate when another type of battery is installed, if a silver battery or other type of battery is installed in the watch and the watch is recharged, there is the risk of overcharging which may cause the battery to rupture. This can cause damage to the watch and injury to the wearer. When replacing the rechargeable cell, always make sure to use the designated rechargeable cell.

### CAUTION Recharging Precautions

- Do not charge the watch at a high temperature (about 60°C or higher) as doing so may cause the movement to malfunction.
- Examples:**
  - Charging the watch too close to a light source which generates a large amount of heat such as an incandescent lamp or halogen lamp.
  - When charging under an incandescent lamp, be sure to leave 50cm or more between the lamp and the watch to avoid exposing the watch to excessive heat.
  - Charging the watch in a location where the temperature may become extremely high such as on the dashboard of a vehicle.

### Caring for your Watch

- Wipe any dirt or moisture such as perspiration from the case and crystal with a soft cloth.
- For a metallic, plastic or rubber watchband, wash any dirt off with water. Remove the small amounts of dirt trapped between the crevices of the metallic band with a soft brush.
- If you will not be using your watch for an extended period of time, carefully wipe off any perspiration, dirt or moisture and store in a proper location, avoiding locations subject to excessively high or low temperatures and high humidity.

### About the Watch with Luminous Paint

The paint on the dial and hands helps you with reading the time in a dark place. The luminous paint stores daylight or artificial light (not including incandescent lighting) and glows in a dark place. It is free from any radioactive substance or any other material harmful to a human body or environment.  
The light emission gradually becomes weaker as time passes.  
The duration of the light (“glow”) will vary depending on the brightness, types of and distance from a light source, exposure time, and the amount of the paint.  
The paint may not glow and/or may dissipate quickly if exposure to light was not sufficient.

## memo