

Instruction Manual

Thank you for your purchase of this Citizen watch.

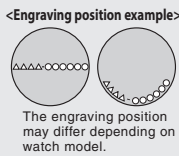
Before using the watch, read this instruction manual carefully to ensure correct use.

After reading, be sure to store this manual in a safe place should it be needed for future reference.

Visit the Citizen website (<http://www.citizenwatch-global.com/>) to view visual guides for operation of your watch. Some models may be equipped with external features (calculation scale, tachymeter, etc.). Visual guides for operation of such external features can also be found on the website.

To check the movement number

A case number—4 alphanumeric characters and 6 or more alphanumeric characters—is engraved on the case back. (Figure on the right) The first 4 characters of the case number represent the movement number of the watch. In the example on the right, "△△△△" is the movement number.



Safety precautions (IMPORTANT)

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.

• Safety advisories are categorized and depicted in this manual as follows:

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

• Important instructions are categorized and depicted in this manual as follows:

	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

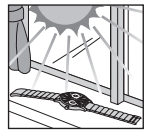
Cal. No.:	G530
Type:	Thin analog solar-powered watch
Time accuracy:	Within ±10 seconds per year on average when worn at normal temperatures (+5°C to +35°C)
Operational temperature range:	-10°C to +60°C
Display functions:	Time: hours, minutes, seconds
Additional functions:	Insufficient charge warning function Time setting warning function Quick start function Overcharge prevention function
Operation time:	From fully charged to stop: Approx. 5 months From two second interval movement to stop: Approx. 6 days
Battery:	Rechargeable cell (lithium button cell), 1pc

* Specifications are subject to change without notice.

Notes Before Use

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.
- Avoid leaving the watch in a dark place for long periods of time. 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).



Notes on charging your watch

- This watch uses a built-in rechargeable cell to store electrical energy. The rechargeable cell used is a clean energy 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.

Protective stickers

Be sure to remove any protective stickers that may be on your watch (case back, band, clasp, etc.). Otherwise, perspiration or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

Band adjustment

We recommend seeking the assistance of an experienced watch technician for sizing of your watch. If adjustment is not done correctly, the bracelet may unexpectedly become detached leading to loss of your watch or injury. Consult an authorized service center.

How to use a specially designed crown

Some models are equipped with a specially designed crown to prevent accidental operation.

■ Screw down crown

Unlock the crown prior to operate your watch.

	Unlock	Lock
Screw down crown	 Rotate the crown counter-clockwise until it releases from the case.	 Push the crown in to the case. With gentle pressure towards the case, rotate the crown clockwise to secure it to the case. Be sure to tighten firmly.

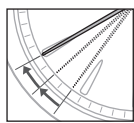
Your Watch

Eco-Drive watch

The watch operates by converting sunlight and other light into electrical energy. Once the rechargeable cell is fully charged, the watch will function for approximately 5 months.

Insufficient charge warning

If the power becomes very low, the second hand advances at 2-second intervals, indicating that charging is necessary. When the second hand starts to advance at 2-second intervals, expose the watch to light until it is fully charged.



! If the watch is not exposed to light within approximately 6 days after the insufficient charge warning starts, the watch will stop.

Quick start function

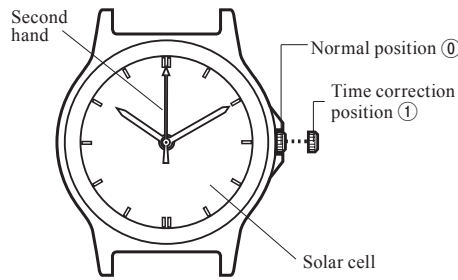
When the stopped watch is exposed to light, it starts operating again immediately.

! After quick start, expose the watch to light until it is fully charged. Set the correct time before using the watch.

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.

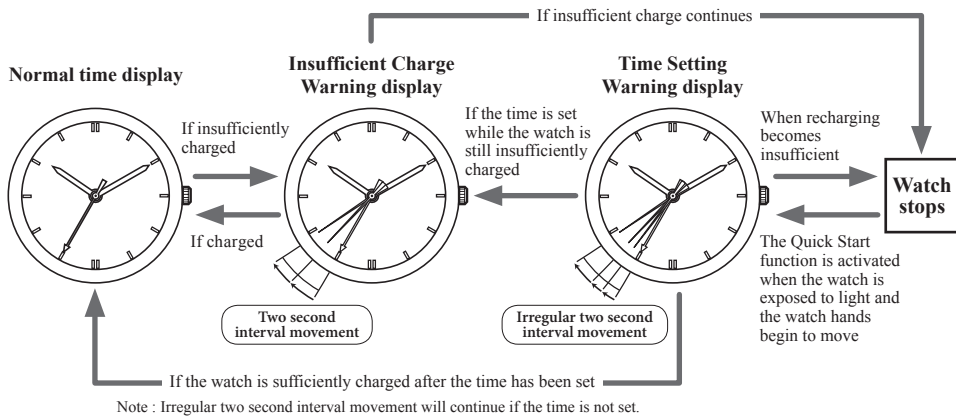
Setting the Time



- 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.

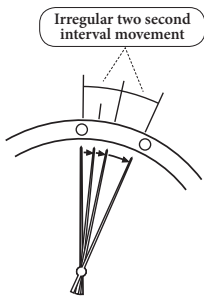
Unique Functions of Eco-Drive Watches

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



■ 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.



■ Overcharge Prevention Function

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

Watch accuracy

The accuracy of your watch will be maintained when it is used at normal temperatures (+5 to +35°C) and worn roughly 12 hours per day. When used under conditions other than those indicated above, the accuracy of the watch may decrease slightly.

* Monthly Error

The monthly error of your watch cannot simply be calculated by dividing the annual error of ±10 seconds by 12.

The monthly error may be ±2 seconds depending on the conditions of use (seasonal temperature changes, amount of time the watch is worn and other factors).

Guide to Charging Time

* Below are the approximate times required for charging when exposing the watch dial to light continuously. Please use this table as a reference only.

Environment	Illuminance (lx)	Charging time (approx.)		
		To work for one day	To start working normally when the cell is discharged	To become fully charged when the cell is discharged
Outdoors (sunny)	100,000	2 minutes	20 minutes	6 hours
Outdoors (cloudy)	10,000	10 minutes	3 hours	40 hours
20 cm from a fluorescent lamp (30W)	3,000	35 minutes	8 hours	130 hours
Interior lighting	500	4 hours	60 hours	850 hours

Precautionary Items and Usage Limitations

⚠ 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.

⚠ WARNING Water Resistance

- 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 "1 bar" is roughly equal to 1 atmosphere.)
- WATER RESIST (ANT) xbar may also be indicated as WR xbar.
- 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.

Name	Indication	Specification	Water-related use				
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
	WATER RESIST (ANT) 10/20 bar	Water-resistant to 10 or 20 atmospheres	OK	OK	OK	NO	NO

⚠ 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.
- Take off your watch before going to bed.

⚠ 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 or any push buttons when the watch is wet. Water may enter the watch causing damage to vital components.
- If water enters the watch or the watch fogs up and does not clear up even after a long time, consult your dealer or an authorized service center for inspection and/or repair.
- Even if your watch has a high level of water resistance, please be careful of the following:
 - If your watch is immersed in sea water, rinse thoroughly with fresh water and wipe with a dry cloth.
 - Do not pour water from a tap directly onto your watch.
 - Take off your watch before taking a bath.
- 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, push button, etc.) may come off.

⚠ CAUTION When Wearing Your Watch

- <Band>**
 - Leather, genuine skin and rubber (urethane) bands will deteriorate over time due to perspiration, body oils and dirt. Be sure to replace the band periodically.
 - 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.
 - Please request adjustment or repair of the band in the following cases:
 - You notice an abnormality with the band due to corrosion.
 - The pin of the band is protruding.
 - We recommend seeking the assistance of an experienced watch technician for sizing of your watch. If adjustment is not done correctly, the bracelet may unexpectedly become detached leading to loss of your watch or injury. Consult an authorized service center.
- <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.
- <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 keeping time accurately. 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.

- <Static Electricity>**
 - The integrated circuits (IC) used in quartz watches are sensitive to static electricity. Please note that the watch may operate erratically or not at all if exposed to intense static electricity.
- <Chemicals, Corrosive Gasses and Mercury>**
 - If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nail-polish remover, cresol, bathroom cleaners and adhesives, water repellent, etc.) are allowed to come into contact with the watch, they 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.

<Protective Stickers>

- Be sure to remove any protective stickers that may be on your watch (case back, band, clasp, etc.). Otherwise, perspiration or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

⚠ 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 perspiration and dirt can soil sleeves and other portions of clothing. Keep your watch clean at all times.
- The case and band of the watch come into direct contact with the skin. If you think there is something wrong, discontinue wearing the watch immediately and consult your physician. In the case of accumulation of sweat or dirt on a metal band or case, clean thoroughly using a brush and neutral detergent. In the case of a leather band, wipe clean using a dry cloth.
- Leather bands may become discolored by perspiration or dirt. Always keep your leather band clean by wiping with a dry cloth.

⚠ 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 (urethane) 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.
- For a leather band, wipe off dirt using a dry cloth.
- 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.

When Luminous Paint is used for your watch
The paint on the dial and hands helps you with reading the time in a dark place. The luminous paint stores light (daylight or artificial light) 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.

Warranty and Service

<Free Guarantee>

In the case 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 years. 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 an authorized service center.

<Periodic Inspection (Charge Basis)>

- Water resistance**
 - As the water resistance will be reduced over time, you should have your watch inspected and its water resistance verified every 2-3 years (charge basis) to extend its life and ensure safety. To maintain its water resistance, it is recommended to request us to replace the packings and other parts of your watch.
- Disassembling for internal cleaning (repair)**
 - You should have your watch disassembled and its internal components cleaned periodically to extend its life. Lubrication oils are used to reduce wearing of moving parts such as gears. However, over time the lubrication oils will degrade and wear will increase, eventually resulting in malfunction. Please have your watch undergo internal cleaning once every 5 years as a guide.

<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 an authorized service center.