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 the manual, store it in a safe place for future reference.

To check the movement number

Engraving position example A case number is engraved on the case back. (See the figure below.) On the case back, a of four + six

234-5678 The engraving position may differ depending on

is engraved. In the example below, "1234" is the movement

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.



serious injury.





Can or will cause injury or damage.

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



by instructions that should be followed or precautions that should he observed

Warning (caution) symbol followed



Warning (caution) symbol followed by prohibited matters.

* This manual describes the operation procedures using the illustration of 8635.

Specifications

Cal. No.:	8635 / 8637			
Туре:	Analogue 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			

Time: Hour minute second and 24-hour (24-hour display is only on 8637) Calendar: date, day

Additional functions:

Calendar function Insufficient charge warning function (second hand 2-second movement interval) Quick start function Overcharging prevention

Operation time: Time until stop from full

charged status without additional charging: Approx. 6 months Time until stop from activation of insufficient charge warning function: Approx. 4 days

Battery: Rechargeable cell

Notes Before Use

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.

<Notes before use — Protective stickers>

Prior to the watch being shipped from the manufacturing plant, its glass, case, metal band, and metal parts of clasp are covered with stickers to protect them from getting fingerprint or scratches during transit from the plant to the store. the plant to the store. If the watch is worn without first removing these stickers, perspiration

or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash a skin rash and/or corrosion of the metal parts.

For this reason, please be sure to peel off stickers before wearing the watch.

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).

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 lotate the crown to the lef ounterclockwise)

Vhen the screw lock is

After operation

Lock the crown it to the right (clockwise) to



Your Watch

Eco-Drive (solar powered) 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 6 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 4 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.



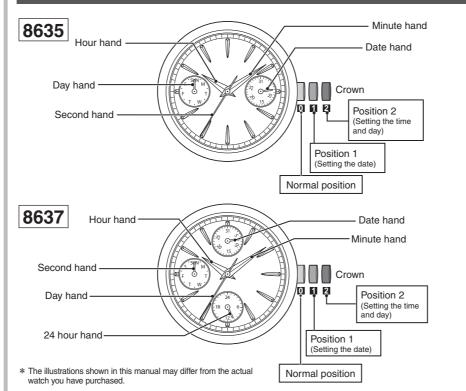
After quick start, expose the watch to light until it is fully charged. Set the correct time before using

Replacement of Rechargeable Cell

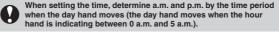
Because the watch uses a rechargeable cell, you do not need periodical cell replacement.

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.

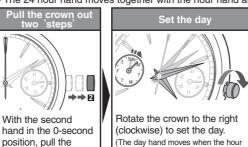
Name of Components

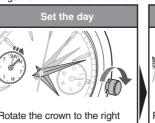


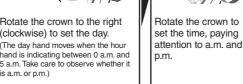
1) Setting the time and day

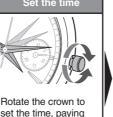


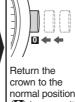
- The day hand advances together with the hour hand and minute hand, so set the day first, and then set the time.
- The 24 hour hand moves together with the hour hand and minute hand (8637 only).











ormal position (0) in sync with a reliable time source.

* Advance the minute hand by 4 or 5 minutes past the correct time, and then return it to the correct time in order to set the time more accurately

(Guide to Charging Time)

crown out two 'steps

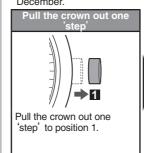
to position 2.

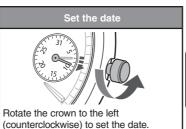
The charging time varies according to the model (including the color of the watch face). The following data should only be used as a guideline.

	 The charging time is based of 	n continuous exposure.	Charging time (approximate)				
	Environment	Illuminance (lx)	For a 1-day movement charging time	Time from stopping to resuming the 1-second interval movement	Time for full charging		
	Cloudy sky / Sunny day	100,000 ~ 10,000	10 minutes	5 hours	35 hours		
	About 30 cm beneath a florescent light	3,000	35 minutes	17 hours	120 hours		
	Indoor lighting	500	35 hours	120 hours			

2) Setting the date

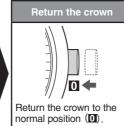
- Do not change the date while the hour hand is indicating between 9 p.m. and 1 a.m. If you change the date during this time, the date may not change the following day.
- The date has a 31-day cycle. Re-set the correct date at the start of March, May, July, October and





The date does not change when you rotate the

rown to the right (clockwise).)



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

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)

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.

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) ××bar may also be indicated as W R xxhar

NO NO NO NO NO OK NO NO NO NO WATER RESIST (ANT) NO NO NO OK OK WATER RESIST (ANT) 10 or 20 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 Custome 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,

CAUTION When Wearing your Watch

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

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

Analog guartz 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 maffunctions and/or performance deterioration as well as damage to the case and bracelet.

<Chemicals, Corrosive Gasses and Mercury>

If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nailpolish remover, cresol, 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 perspiration and dirt can soil sleeves and other portions of clothing. Keep your watch clean at all times

case and band of the watch come into direct contact with the skin. Rust, dirt or perspiration present on the watch's body or band may cause itching or a rash on your skin. Such problems may also occur if you have an allergy to certain metals or leather. If you think there is something wrong, discontinue wearing the watch immediately and consult your physician.

Leather bands may become discolored by perspiration or dirt. vays keep your leather band clean by wiping with a dry cloth.

CAUTION Caring for your Watch

Wipe any dirt or moisture such as perspiration from the case and

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.

WARNING Handling of Rechargeable Cell

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

The rechargeable cell should never be removed from the watch.

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 environmenta

WARNING Use Only the Specified Battery

Never use a battery other than the rechargeable cell specified

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.



Do not charge the watch at a high temperature (about 60°C or higher) as doing so may cause the movement to malfunction.

Charging the watch too close to a light source which generates a large amount of heat such as an incandescent lamp or halogen

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

Warranty and Service

<Free Guarantee>

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

<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 quarantee 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>

memo

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.
