

7R14



SEIKO WATCH CORPORATION

BGJ7R14-2301

Operating Instructions

Thank you very much for choosing a CREDOR watch.

Only the unique melding of traditional Japanese sensitivity and state-of-the-art technology can bring you a watch of this quality and character.

Doing so is our passion. The CREDOR name is your guarantee. From the French “crête d’or” or “crest of gold” it signifies our commitment to always being the very best.

We hope this CREDOR watch will be your favorite personal timepiece for many years to come.

Please read carefully the instructions in this booklet for proper and safe use of your CREDOR watch before start using it.

Keep this manual handy for easy reference.

If your watch has a protective film for preventing scratches, make sure to peel it off before using the watch. If the watch is used with the film on it, dirt, sweat, dust, or moisture may be attached to the film and may cause rust.

CONTENTS

■ HANDLING CAUTIONS	3
■ PERFORMANCE AND TYPE	4
■ WATER RESISTANT PERFORMANCE	4
■ CAUTIONS ON WATER RESISTANCE	5
■ CHARACTERISTICS	6
■ NAMES OF THE PARTS	7
■ HOW TO USE	8
• How to wind the mainspring	8
• Power reserve indicator	9
• How to use	10
■ TO PRESERVE THE QUALITY OF YOUR WATCH	11
• After-sale service	11
• Daily care	12
• Remarks on 18-karat gold	12
• Watch body / metal bracelet	12
• Band	13
• Magnetic resistance (Magnetic influence)	14
• Troubleshooting	15
■ SPECIFICATIONS (Movement)	16

■ HANDLING CAUTIONS

⚠ WARNING To indicate the risks of serious consequences such as severe injuries unless the following safety regulations are strictly observed.

Immediately stop wearing the watch in the following cases.

- If the watch body or band becomes edged by corrosion etc.
- If the pins protrude from the band.
- * Immediately consult the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.

Keep the watch and accessories out of the reach of babies and children.

Care should be taken to prevent a baby or a child accidentally swallowing the accessories. If a baby or child swallows the battery or accessories, immediately consult a doctor, as it will be harmful to the health of the baby or child.

⚠ CAUTION To indicate the risks of light injuries or material damages unless the following safety regulations are strictly observed.

Avoid wearing or storing the watch in the following places.

- Places where volatile agents (cosmetics such as polish remover, bug repellent, thinners, etc.) are vaporizing
- Places where the temperature drops below 5°C or rises above 35°C for a long time
- Places affected by strong magnetism or static electricity
- Places affected by strong vibrations
- Places of high humidity
- Dusty places

If you observe any allergic symptoms or skin irritation

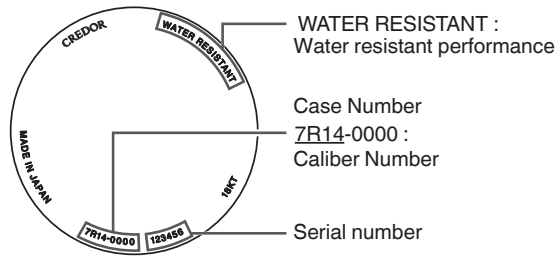
Stop wearing the watch immediately and consult a specialist such as a dermatologist or an allergist.

Other cautions

- Do not disassemble or tamper with the watch.
- Please follow local government directions when disposing of the watch body.
- Keep the watch out of the reach of babies and children. Extra care should be taken to avoid risks of any injury or allergic rash or itching that may be caused when they touch the watch.
- If your watch is of the fob or pendant type, the strap or chain attached to the watch may damage your clothes, or injure the hand, neck, or other parts of your body.
- Please keep in mind that if a watch is taken off and placed down as it is, the case back, the band and the clasp will rub against each other possibly causing scratches on the case back. We recommend placing a soft cloth between the case back, the band and the clasp after taking off your watch.

■ PERFORMANCE AND TYPE

The case back shows the performance and type of your watch.



- **Water resistant performance**
Please refer to P. 4.
- **Case number**
The number to identify the type of your watch
- **Serial number**
The number to identify your watch

* The above illustrations are examples and may differ from the case back of the watch you purchased.

■ WATER RESISTANT PERFORMANCE

Refer to the table below for the description of each degree of water resistant performance of your watch before using.

Indication on the case back	Water resistant performance	Conditions of Use
No indication	Non-water resistance	Avoid drops of water or sweat
WATER RESISTANT	Water resistance for everyday life	The watch withstands accidental contact with water in everyday life ⚠ WARNING Not suitable for swimming
WATER RESISTANT 5 BAR	Water resistance for everyday life at 5 barometric pressures	The watch is suitable for swimming.
WATER RESISTANT 10 (20) BAR	Water resistance for everyday life at 10 (20) barometric pressures	The watch is suitable for diving not using an air cylinder.

■ CAUTIONS ON WATER RESISTANCE

⚠ WARNING



Do not use the watch in scuba diving or saturation diving.

The various tightened inspections under simulated harsh environment, which are usually required for watches designed for scuba diving or saturation diving, have not been conducted. For diving, use watches specifically designed for diving.

⚠ CAUTION



Do not pour running water directly from faucet.

The water pressure of tap water from a faucet is high enough to degrade the water resistant performance of a water resistant watch for everyday life.



Do not turn or pull out the crown when the watch is wet.

Water may get inside of the watch.

* If the inner surface of the glass is clouded with condensation or water droplets appear inside of the watch for a long time, the water resistant performance of the watch is deteriorated. Immediately consult the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.



Do not leave moisture, sweat and dirt on the watch for a long time.

Be aware of a risk that a water resistant watch may lessen its water resistant performance because of deterioration of the adhesive on the glass or gasket, or the development of rust on stainless steel.



Do not wear the watch while taking a bath or a sauna.

Steam, soap or some components of a hot spring may accelerate the deterioration of water resistant performance of the watch.

CHARACTERISTICS

- This watch features "Spring drive", the unique mechanism made available only by SEIKO technology.
- The Spring Drive watch ensures quartz accuracy while using the mainspring as its sole power source.
- The glide-motion seconds hand moves in a perfectly smooth movement.

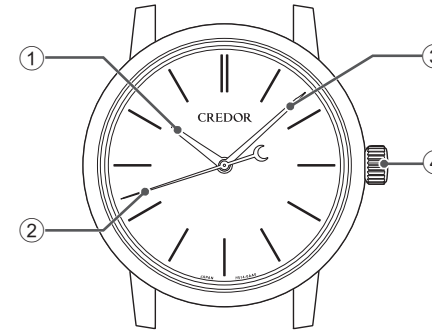
CAUTION

- Spring Drive works by the power provided by the mainspring. Remember to check the power reserve indicator and keep the mainspring of the watch sufficiently wound while using the watch.
"Power reserve indicator" → P. 9
- Under a low-temperature condition (below 0°C), the watch may stop when the power reserve indicator shows less than one-fourth of the power reserve.
In such a case, turn the crown to wind the mainspring.

NAMES OF THE PARTS

7R14

<Dial side>



- ① Hour hand
- ② Seconds hand
- ③ Minute hand
- ④ Crown

<Case back side>



- ⑤ Power reserve indicator
→ P. 9

How to wind the mainspring → P. 8
How to use → P. 10

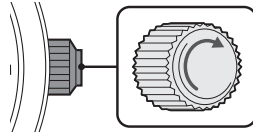
HOW TO USE

How to wind the mainspring

This watch has a manually wound spring drive.
You can wind the crown to wind the mainspring to drive the watch.

How to manually wind the mainspring

- ① Turn the crown at the normal position clockwise (12 o'clock direction) slowly.
* If the crown is turned counterclockwise (the 6 o'clock direction), the mainspring of the watch will not be wound.



- ② Wind the mainspring until the power reserve indicator shows a fully wound state.
"Power reserve indicator" → P. 9
- ③ Make sure that the seconds hand is moving.

⚠ CAUTION

The crown cannot be turned further when the mainspring is fully wound to prevent overwinding of the mainspring. Do not try to forcefully turn the crown as this may damage the watch.

Power reserve indicator

The power reserve indicator lets you know the winding state of the mainspring.
Before removing the watch from your wrist, observe the power reserve indicator to check if the watch has stored enough power to keep running until the next time you wear it. If necessary, wind the mainspring.
(To prevent the watch from stopping, wind the mainspring to store the excess power that will allow the watch to run for extra time.)

Power reserve indicator



How to read the power reserve indicator

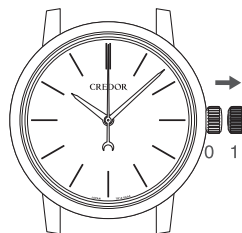
Power reserve indicator			
Winding state of the mainspring	Fully wound	Half wound	Unwound
Number of hours the watch can run	Approximately 60 hours (2.5 days)	Approximately 24 hours (1 day)	The watch either stops or is running down.

How to use

How to set the time

- ① Make sure that the watch is operating.
To carry out the procedure, please make sure that the watch is in working state.
Please wind the mainspring when the watch is not working.
"How to wind the mainspring"→ P. 8

- ② Pull out the crown when the seconds hand is at the 12 o'clock position.
(The seconds hand stops.)



- ③ Turn the crown counterclockwise (6 o'clock direction) to set the time.
Set the minute hand about ten minutes behind and then slowly advance the minute hand to the desired time.



- ④ Push the crown back into the normal position in accordance with a time signal.

Tips for more accurate time setting

To ensure effective operation of the Spring Drive mechanism, observe the following instructions when you set the time.

- ① Before setting the time, make sure to wind the mainspring sufficiently.
(Ensure that the power reserve indicator is showing a fully wound state.)
- ② When starting to use a watch after it stops, wind the mainspring sufficiently. To set the time after that, wait for approximately 30 seconds after the seconds hand starts moving, then pull the crown out to the first click.
- ③ The seconds hand will stop moving when the crown is pulled out to the first click. Do not stop the movement of the seconds hand for longer than 30 minutes. If the stoppage of the seconds hand movement exceeds 30 minutes, push the crown back in, and wait for approximately 30 seconds after the seconds hand restarts moving, and then set the time.

TO PRESERVE THE QUALITY OF YOUR WATCH

After-sale service

Notes on guarantee and repair

- Contact the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER for repair or overhaul.
- Within the guarantee period, present the certificate of guarantee to receive repair services.
- Guarantee coverage is provided in the certificate of guarantee. Read carefully and retain it.
- For repair services after the guarantee period has expired, if the functions of the watch can be restored by repair work, we will undertake repair services upon request and payment.

Replacement parts

- Please keep in mind that if original parts are not available, they may be replaced with substitutes whose outward appearance may differ from the originals.

Inspection and adjustment by disassembly and cleaning (overhaul)

- Periodic inspection and adjustment by disassembly and cleaning (overhaul) is recommended approximately once every 3 to 4 years in order to maintain optimal performance of the watch for a long time.
- The movement of this watch has a structure that consistent pressure is applied on its power-transmitting wheels. To ensure these parts work together properly, periodic inspection including cleaning of parts and movement, oiling, adjustment of accuracy, functional check and replacement of worn parts is needed. Inspection and adjustment by disassembly and cleaning (overhaul) within 3 to 4 years from the date of purchase is highly recommended for longtime use of your watch. According to use conditions, the oil retaining condition of your watch mechanical parts may deteriorate, abrasion of the parts may occur due to contamination of oil, which may ultimately lead the watch to stop.
As the parts such as the gasket may deteriorate, water-resistant performance may be impaired due to intrusion of perspiration and moisture.
Please contact the retailer from whom the watch was purchased for inspection and adjustment by disassembly and cleaning (overhaul). For replacement of parts, please specify "SEIKO GENUINE PARTS". When asking for inspection and adjustment by disassembly and cleaning (overhaul), make sure that the gasket and push pin are also replaced with new ones.

Daily care

The watch requires good daily care

- The watch body and band touch the skin directly just as underwear.
Keep the watch body and band clean in order to avoid stain on the sleeve edge or rash or itch.
After removing the watch from your wrist, wipe perspiration or moisture with a soft cloth as soon as possible.
- Do not use any chemical agent such as cleaner to clean the watch.

Turn the crown from time to time. (Only several turns in slow movement will be enough.)

- This prevents corrosion of the crown and helps to extend the life of the gasket in use.
- Stainless steel is a highly rust-resistant metal. However, rust will form if contaminants are left on it for a long time.

Remarks on 18-karat gold

- 18-karat gold (18KT) is an alloy comprised of 75% of gold and 25% of other metals.
Depending on the proportion of the other metals mixed with the gold, the 18-karat gold is classified into three colors such as yellow gold (YG), white gold (WG) and pink gold (PG).

Decoloration of 18-karat gold

- While gold can maintain its glittering quality, other metal components in the alloy may discolor to look like reddish or blackish due to various reasons.
- Daily care helps to prevent discoloration of the alloy, however, if the discoloration or stain of the alloy persists even after wiping the watch off, take your watch to the retailer from whom the watch was purchased for refinishing. (Refinishing will be done at a cost.)

Watch body / metal bracelet

Length adjustment service

- For the length adjustment service of the 18-karat gold or platinum bracelet, ask the retailer from whom the watch was purchased.
The watch will be submitted to CREDOR SERVICE STUDIO for the length adjustment.
It may take two to three weeks depending on the model to adjust the length of the bracelet.
- The length adjustment service of the 18-karat gold, platinum or stainless steel mesh bracelet will not be charged only for the first time. However, the cost for materials or parts necessary for the length adjustment and repair cost other than the length adjustment will be charged.
- The length adjustment service of stainless-steel band is available from the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER. Some other retailers may charge you for the length adjustment or may not undertake such treatments.

Periodic cleaning

- Periodic cleaning is highly recommended to enjoy the best quality of the watch for a long time.
Ask the retailer from whom the watch was purchased or the CREDOR SERVICE STUDIO through your nearby CREDOR retailers. (Cleaning may be done at a cost.)

Band

The band touches the skin directly and becomes dirty from sweat or dust. Therefore, lack of care may accelerate deterioration of the band or cause skin irritation or stain on the sleeve edge. The watch requires a lot of attention for long usage.

Metallic band

- Moisture, sweat or soil will cause rust even on a stainless steel band if they are left for a long time.
- Lack of care may cause a yellowish or gold stain on the lower sleeve edge of shirts.
- Wipe off moisture, sweat or soil with a soft cloth as soon as possible.
- To clean the soil around the joint gaps of the band, wipe it out in water and then brush it off with a soft toothbrush. (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.)
Wipe off the remaining moisture with a soft cloth.
- Because some titanium bracelets use pins made of stainless steel, which has outstanding strength, rust may form in the stainless steel parts.
- If rust advances, pins may poke out or drop out, and the watch case may fall off the bracelet, or the clasp may not open.
- If a pin is poking out, personal injury may result. In such a case, refrain from using the watch and request repair.

Leather band

- A leather band is susceptible to discoloration and deterioration from moisture, sweat and direct sunlight.
- Wipe off moisture and sweat as soon as possible by gently blotting them up with a dry cloth.
- Do not expose the watch to direct sunlight for a long time.
- Please take care when wearing a watch with light-colored band, as dirt is likely to show up.
- Refrain from wearing a leather band watch other than Aqua Free bands while swimming, and when working with water even if the watch itself is water-resistant enforced for daily use.

Notes on skin irritation and allergy

Skin irritation caused by a band has various reasons such as allergy to metals or leathers, or skin reactions against friction on dust or the band itself.

Notes on the length of the band

Adjust the band to allow a little clearance with your wrist to ensure proper airflow. When wearing the watch, leave enough room to insert a finger between the band and your wrist.



Magnetic resistance (Magnetic influence)

Affected by nearby magnetism, a watch may temporarily gain or lose time or stop operating. This watch is a magnetic resistant watch that is fully compliant with JIS level-1 standard.

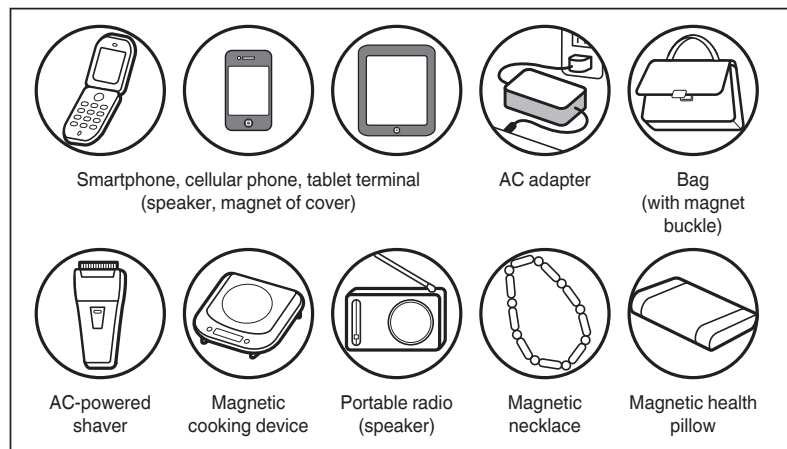
Conditions of use

Keep the watch more than 5 cm away from magnetic products.

(JIS-1)

If the watch becomes magnetized and its accuracy deteriorates to an extent exceeding the specified rate under normal use, the watch may need to be demagnetized. In this case, you will be charged for demagnetization and accuracy readjustment even if it happens within the guarantee period.

Examples of common magnetic products that may affect watches



The reason why this watch is affected by magnetism

The built-in speed-regulating mechanism is provided with a magnet, which may be influenced by a strong external magnetic field.

Troubleshooting

Troubles	Possible causes	Solutions
The watch stops operating.	The mainspring has not been wound.	Turn the crown to wind the mainspring and reset the time. While you are wearing the watch or when you take it off, check the remaining power shown by the power reserve indicator and wind the mainspring if necessary.
The watch stops even though the power reserve indicator is not showing "0".	The watch has been left at a low temperature (below 0°C).	Turn the crown to wind the mainspring. Under a low-temperature condition (below 0°C), the watch may stop when the power reserve indicator shows less than one-fourth of the power reserve.
The watch temporarily loses/gains time.	The watch has been left in extremely high or low temperatures for a long time.	Return the watch to a normal temperature so that it works accurately as usual, and then reset the time. The watch has been adjusted so that it works accurately when it is worn on your wrist under a normal temperature range between 5°C and 35°C.
	The watch was brought into close contact with a magnetic object.	Correct this condition by moving and keeping the watch away from the magnetic source, and reset the time. If this action does not correct the condition, contact the retailer from whom the watch was purchased.
	The watch was dropped, worn while playing active sports, hit against hard surfaces, or exposed to strong vibrations.	Reset the time. If the watch does not return to its normal accuracy after resetting the time, contact the retailer from whom the watch was purchased.
The watch hands move quicker than usual.	This is not a malfunction.	1. Conduct the following crown operation. Normal position → first click → normal position 2. Reset the time.
Right after starting the watch, it seems that the seconds hand moves more quickly than usual when setting the time.	When the watch starts moving, it takes a little time before the speed-regulating unit starts operating. (This is not a malfunction.)	It takes several seconds before the speed-regulating unit starts operating. To set the time correctly, wait for approximately 30 seconds after the seconds hand starts to move, and set the time.
Blur in the display persists.	Small amount of water has got inside the watch due to deterioration of the gasket, etc.	Consult the retailer from whom the watch was purchased.

* For the solution of troubles other than above, contact the retailer from whom the watch was purchased.

■ SPECIFICATIONS (Movement)

Cal. NO	7R14
Features	Hour hand, minute hand, seconds hand, power reserve indicator
Frequency of crystal oscillator	32,768 Hz (Hz = Cycles per second)
Loss/Gain	Within 15 seconds per month (equivalent to 1 second per day) (If the watch is worn on your wrist within normal temperature range between 5 °C and 35 °C.)
Operational temperature range	-10°C ~ +60°C Under a low-temperature condition (below 0 °C), always keep at least one-fourth of the watch power shown by the power reserve indicator.
Driving system	Manual winding type
Duration	Approx. 60 hours
IC (Integrated Circuit)	Oscillator, frequency divider, and spring drive control circuit (C-MOS-IC): 1 piece
Hand movement	Glide motion
Jewels	41 jewels

* The specifications are subject to change without prior notice due to product improvement.