

## Cal. 9F62

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You are now the proud owner of SEIKO Analogue Quartz Watch Cal. 9F62. For the best results, please read the instructions in this booklet carefully before using it. Please keep this manual handy for ready reference.

Sie sind jetzt Besitzer einer SEIKO Analog-Quarzuhr Kal. 9F62. Bitte lesen Sie diese Bedienungsanleitung vor Verwendung der Uhr sorgfältig durch und heben Sie sie gut auf.

Vous voici l'heureux propriétaire d'une montre quartz analogique SEIKO Cal. 9F62. Pour obtenir d'excellentes performances de cet article SEIKO, veuillez lire attentivement cette brochure que vous conserverez pour toute référence ultérieure.

Siete ora in possesso di un orologio SEIKO Analogico al Quarzo Cal. 9F62. Per ottenere i migliori possibili risultati dal Vostro orologio, leggere attentamente le istruzioni di questo manuale prima di utilizzare il Vostro orologio SEIKO analogico al quarzo. Conservare poi il manuale stesso per ogni qualsiasi eventuale futuro riferimento.

Enhorabuena por su adquisición de un reloj SEIKO analógico de cuarzo Cal. 9F62. Para óptimo resultado, lea detenidamente las instrucciones de este folleto antes de usar el reloj. Guarde este manual para consulta posterior.

Você pode sentir-se orgulhoso de possuir um Relógio SEIKO Quartz Análogo Cal. 9F62. Para obter os melhores resultados, leia atentamente as instruções contidas neste opúsculo antes de usar o seu Relógio SEIKO Quartz Análogo. Queira conservar este manual para referências futuras.

この度は弊社製品をお買い上げいただき、誠にありがとうございました。ご使用前にこの説明書をよくお読みの上、末長くご愛用下さいますようお願い申し上げます。なお、この説明書はお手もとに保存いただき、必要に応じてご覧ください。

閣下現在已經擁有一隻，機件編號為 9F62 的精工牌指針式石英錶。在使用您的精工牌指針式石英錶以前，務請注意閱讀這本小冊子中的各項說明，並請將手冊妥加保管，以便隨時參考。

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☆ For the care of your watch, see "TO PRESERVE THE QUALITY OF YOUR WATCH" in the attached Worldwide Guarantee and Instruction Booklet.

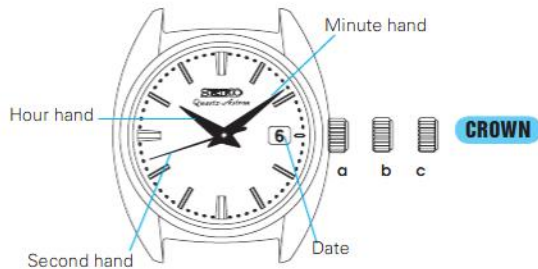
**SEIKO CAL. 9F62****FEATURES****■ TIME/CALENDAR**

- Hour, minute and second hands
- Instantly changing date

This watch is able to change the date indication instantly between 0:00 a.m. and 0:05 a.m. (In case of conventional quartz watches, the date indication changes gradually between 9:00 p.m. and 3:00 a.m.)

**■ HIGH ACCURACY**

- Loss/gain: Less than 10 seconds per year

**HOW TO USE****<Parts of your SEIKO watch>**

The crown can be pulled out all the way to the second click.

- |  |
|--|
| <b>a: Normal position</b><br><b>b: First click</b><br>Date setting<br><b>c: Second click</b><br>Time setting (The second hand stops moving.) |
|--|

\* Do not set the date between 9:00 p.m. and 3:00 a.m. If the date is set during this time period, the date may not change properly on the following day.

## ● TIME/CALENDAR SETTING

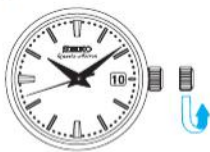
1



First, set the date. Pull out the crown to the first click.

\* The second hand keeps moving.

2



Turn the crown counterclockwise until the previous day's date appears.

3



Pull out the crown to the second click when the second hand is at the 12 o'clock position (the second hand stops on the spot). Turn the crown to advance the hour and minute hands until the desired date appears.

4



When setting the hour Push the crown back into hand, check that AM/PM is the normal position in correctly set, as the date is accordance with a time designed to change once in signal. 24 hours.

Due to the mechanism of the quartz watch, to set the time accurately, first turn the minute hand 4 to 5 minutes ahead of the desired time and then return it to the correct time.

5



6



The date numerals change from 1 to 31. Therefore, on the first day after the months with thirty days or less (February, April, June, September and November), follow the steps 1 and 2 to adjust the date.

## INTERCALARY SECOND (LEAP SECOND)

Normally there are 86,400 seconds in a day. Due to a slight change in the earth's rotation, an extra second may be added to one day during the year. This is called the intercalary second. Every year the decision is made whether such an adjustment is needed. When the adjustment takes place, the standard time should be corrected by delaying the standard time one second. To keep your SEIKO watch accurate with the world standard time, adjust your watch to a time signal whenever such adjustment is made. According to the information from the observatories all over the world, the standard time is delayed one second simultaneously throughout the world by the Greenwich Royal Observatory. In the Greenwich Mean Time, an extra second will be added to the one minute between 11:59 p.m. and 0:00 a.m. either on December 31st or on June 30th.

## REMARKS ON THE BATTERY

### (1) Battery life

A new normal battery will last approximately three years.

### (2) Monitor battery

The battery in your watch may run down in less than the specified period after the date of purchase, as it is a monitor battery inserted at the factory to check the function and performance of the watch.

### (3) Battery life indicator

The battery needs to be replaced within two or three days when you see the second hand moving in two second intervals instead of the normal one second interval. The watch will, however, remain accurate while the second hand is moving in two second intervals. We suggest that you have the battery replaced by the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.



### (4) Battery change

- 1 For battery replacement, be sure to have the battery replaced with a new one at the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER, and request the battery for exclusive use with the SEIKO watches.
- 2 If the old battery is left in the watch for a long time, a malfunction may be caused due to battery leakage, etc. Have it replaced with a new one as soon as possible.
- 3 Battery replacement is charged even if it runs down within the guarantee period.
- 4 Once the case back is opened for battery replacement or other purposes, the original water resistant quality designed for the watch may deteriorate.

when it is closed. When you have the battery replaced with a new one, also request the water resistance test. Please note that it takes several days to check the water resistant quality of your watch. When requesting the checking, therefore, please check the period required for it.

### WARNING

1. Do not remove the battery from the watch.
2. If it is necessary to take out the battery, keep it out of the reach of children. If a child swallows it, consult a doctor immediately.

### CAUTION

1. Never short-circuit, tamper with or heat the battery, and never expose it to fire. The battery may burst, become very hot or catch fire.
2. The battery is not rechargeable. Never attempt to recharge it, as this may cause battery leakage or damage to the battery.
3. If the watch is left in a temperature below +5 °C or above +35 °C for a long time, the battery leakage may result, causing the battery life to be shortened.

## TO PRESERVE THE QUALITY OF YOUR WATCH

### CAUTION

#### ● CARE OF YOUR WATCH

- The case and bracelet touch the skin directly just as underwear. If they are left dirty, the edge of a sleeve may be stained. Those who have a sensitive skin may have a rash.
- After removing the watch from your wrist, wipe off perspiration or moisture with a soft cloth. This will prevent the watch from being soiled, adding to the life of the case, bracelet, and gasket.

#### <LEATHER BAND>

- When removing moisture from a leather band, do not rub the band with the cloth as this may discolor it or reduce its gloss. Be sure to blot up the moisture using a soft dry cloth.

#### <METAL BRACELET>

- Clean the watch bracelet with a soft toothbrush dipped in water or soapy water. If your watch is not water-resistant, be careful not to get the case wet when cleaning.
- If your watch is 5,10 or 20 bar water resistant, rinse it in a bowl of fresh water after used in seawater. Do not use chemicals to wash it.
- If your watch has a rotating bezel, clean the bezel regularly. Otherwise, dust will gather under it, making the rotation harder.

 **CAUTION****● RASH AND ALLERGY**

- Adjust the bracelet or band so that there will be a little clearance between the bracelet or band and your wrist to avoid accumulation of perspiration.
- If you are constitutionally predisposed to rash, the band may cause you to develop a rash or an itch depending on your physical condition.
- The possible causes of the rash are as follows:
  1. Allergy to metals or leathers
  2. Rust, dust or perspiration on the watch or band
- If you develop any skin reactions, take off the watch and consult a doctor immediately.

**● PLACES TO KEEP YOUR WATCH**






- If the watch is left in a temperature below -10 °C or above + 60 °C for a long time it may function improperly or stop operating.
- Do not leave the watch in a place where it is subjected to strong magnetism or static electricity.
- Do not leave the watch where there is strong vibration.
- Do not leave the watch in a dusty place.
- Do not expose the watch to gases or chemicals.

(Ex.: Organic solvents such as benzine and thinner, gasoline, nail polish, cosmetic spray, detergent, adhesives, mercury, and iodine antiseptic solution.)

- Do not leave the watch in a hot spring, or do not keep it in a drawer having insecticides inside.


**CAUTION**
**● WATER RESISTANCE**

- Check the dial or case back of your watch for the water resistant quality, and then see the table below.
- Do not turn or pull out the crown when the watch is wet, as water may get inside the watch.

Indication for water resistance a: Indication on the dial b: Indication on the case back	Condition of use Degree of water resistance	 Designed and manufactured to withstand accidental contact with water such as splashes and rain.	 Suitable for swimming, yachting and other aquatic sports as well as for works closely associated with water such as kitchen work, watering and fishing	 Suitable for shallow diving without a heavy breathing apparatus, and bathing	 Genuine diving using scuba	 Genuine diving using helium gas
a No indication b No indication	No water resistance	NO	NO	NO	NO	NO
a No indication b WATER RESIST	Water resistance (3 bar)	YES	NO	NO	NO	NO
a No indication b WATER RESIST or WATER RESIST 5 BAR	Water resistance (5 bar)	YES	YES	NO	NO	NO
a No indication or WATER RESIST 10 BAR b WATER RESIST 10 BAR	Water resistance (10 bar)	YES	YES	YES	NO	NO
a No indication or WATER RESIST 20 BAR b WATER RESIST 20 BAR	Water resistance (20 bar)	YES	YES	YES	NO	NO


**● ABOUT BATHING**



Your watch can be worn while bathing if it is equipped with water resistance over 10 bar. In that case, please note the following carefully.

- Please do not operate your watch (Crown operation, Button operation etc.). When it is wet with soap or shampoo, it sometimes causes a reduction in the water proofing.
- When the watch gets warm due to warm water, the watch could gain or lose time to some degree. However, the watch will return to its usual accuracy at normal temperatures.


**WARNING**

- If your watch is 3 bar water resistant, do not use it in water.
- If your watch is 5 bar water resistant, do not use it in any type of diving including skin diving.
- If your watch is 10 or 20 bar water resistant, do not use it in saturation diving or scuba diving.


**CAUTION**
**● ANTIMAGNETIC QUALITY OF ANALOGUE QUARTZ WATCHES**

Type of anti-magnetic watches by JIS	Certified level of anti-magnetism	Indication of antimagnetism on the case base back	Antimagnetic quality
	1,600 A/m	No Indication	Your watch will not be affected by the level of magnetism that ordinary watches can withstand
Type 1	4,800 A/m		Your watch will not be affected by the magnetism by household appliance at a distance of down to 5 cm.
Type 2	16,000 A/m		Your watch will not be affected by the magnetism by household appliance at a distance of down to 1 cm.

\* SEIKO Diver's Watches are antimagnetic without exception. Therefore, there is no such indication on the case back.

**● PRECAUTIONS ON WEARING YOUR WATCH**

Take utmost care in the following cases:

- When clasping and unclasping the band, you may damage your nail, depending on the type of clasp used with the band.
- In case you tumble and fall or bump into others with the watch worn on your wrist, you may be injured by the reason of the fact that you wear the watch.
- When you make contact with children, especially with infants, they may get injured or develop a rash caused by allergy.

**● PERIODIC CHECK**

- We suggest that you have your watch checked by retailer from whom the watch was purchased every 2 or 3 years or when the battery is replaced, for oil condition, battery electrolyte leakage or damage due to water or sweat. After checking the watch, adjustment and repair may be required.
- When the replacing the parts or battery, please specify "SEIKO GENUINE PARTS". If an old battery is kept in the watch for a long time, electrolyte leakage from the battery may damage the module.
- Be sure to have the gasket and push-pin replaced with new ones when checking the watch or the battery is replaced.

## TROUBLESHOOTING

Trouble	Possible causes
The watch has stopped operating.	The battery has run down.
The watch temporarily gains or loses time.	The watch has been left or worn in extremely high or low temperatures.
	The watch has been left close to an object with a strong magnetic field.
	You drop the watch, hit it against a hard surface, or wear it while playing active sports. The watch is exposed to strong vibrations.
The second hand moves in 2-second increments.	The battery nears its end.
The date changes at 12 o'clock noon.	AM/PM is not properly set.
The inner surface of the glass is clouded.	Moisture has entered the watch because the gasket has deteriorated.

Solutions
Have the battery replaced with a new one immediately by the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.
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.
Correct this condition by moving and keeping the watch away from the magnetic source. If this action does not correct the condition, contact the retailer from whom the watch was purchased.
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.
Have the battery replaced with a new one immediately by the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.
Advance the hour hands for 12 hours to correctly set the time and date.
Contact the retailer from whom the watch was purchased.

\* In the event of any other problem, please contact the retailer from whom the watch was purchased.

## SPECIFICATIONS

1 Frequency of crystal oscillator .....	32,768 Hz (Hz = Hertz...Cycles per second)
2 Loss/gain (Annual rate).....	±10 seconds when used on the wrist within a normal temperature range (between 5 °C and 35 °C) for approximately 8 hours per day. * Monthly rate of loss/gain may amount to approximately 2 seconds depending on the condition of use.
3 Operational temperature range.....	Between -10 °C and +60 °C
4 Antimagnetic ability.....	Resistant up to a direct current magnetic field of 60 gauss
5 Driving system .....	Step motor
6 Battery.....	Silver oxide battery, SEIKO SB-AN, 1 piece
7 IC (Integrated Circuit) .....	C-MOS-IC: 1 piece

\* The specifications are subject to change without prior notice for product improvements.

## REMARKS ON AFTER-SALES SERVICING

- Your watch was strictly checked and completely adjusted at the factory to ensure its high accuracy.  
However, if your watch gets out of order with the correct way of use as described in this instruction booklet within the guarantee period, take your watch to the retailer from whom your watch was purchased, together with the certificate of guarantee. Repair and adjustment will be made without charge. The guarantee period and detailed guarantee coverage is provided in the certificate of guarantee.
- For repair after the guaranteed period, contact the retailer from whom the watch was purchased.