

A824

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SEIKO WATCH CORPORATION
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SEIKO

A824

INSTRUCTIONS

**Thank you very much for choosing a SEIKO watch.
For proper and safe use of your SEIKO watch,
please carefully read the instructions in this
manual before use.**

- * Length adjustment service for metallic bands is available at the retailer from whom the watch was purchased. If you cannot have your watch repaired by the retailer from whom the watch was purchased because you received the watch as a gift, or you moved to a distant place, please contact SEIKO CUSTOMER SERVICE CENTER. The service may also be available on a chargeable basis at other retailers, however, some retailers may not undertake the service.
- * The preinstalled battery is used to check the function and performance of the watch. You will be charged for battery replacement even if the battery runs down within the guarantee period.
- * 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.

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Handling Cautions

DANGER

To indicate the imminent risks of serious consequences such as death or severe injuries unless the following safety regulations are strictly observed.

Keep the watch and battery and/or accessories out of the reach of babies and children.

Care should be taken to prevent babies or children from accidentally swallowing the battery or accessories.
If a baby or child swallows the battery or accessories, or you believe they may have swallowed them, immediately consult a doctor as it may harm the health of the baby or child. Ingesting the battery and/or accessories may cause chemical burns or penetration of the mucous membrane, which may lead to serious injuries or even death.

WARNING

Please note that there is a risk of serious consequences such as severe injury if the following safety regulations are not strictly observed.

Immediately stop wearing the watch in 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.

Do not remove the battery from the watch.

- * Replacement of the battery requires professional knowledge and skill. Please ask the retailer from whom the watch was purchased for replacement of the battery.
- Do not recharge the battery. Doing so can cause heat generation, bursting or ignition.

CAUTION

Please note that there is a risk of minor injury or material damage if the following safety regulations are not strictly observed.

Avoid the following places for wearing or keeping the watch:

- 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

* For watches with batteries, do not leave a dead battery in the battery compartment for a long time as it may cause battery leakage.

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

- For adjusting the length of the metallic band, specialized knowledge and expertise are necessary. Therefore, in such a case, contact the retailer from whom the watch was purchased. If you attempt to adjust the metallic band, injury may occur to your hand or fingers, or parts of the band may be lost.
- Do not disassemble or tamper with the watch.
- Please follow local government directions when disposing of the watch body and used battery.
- 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 you 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.

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 on the water resistant watch with the BAR (barometric pressure) display. 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.

CAUTION**Do not push the buttons 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.

Product Features

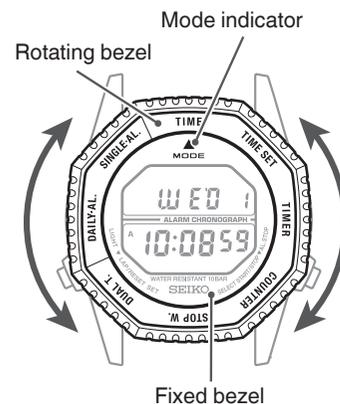
- **Mode change with rotary switch**..... Mode change can be made easily by turning the rotating bezel.
- **Time/Calendar function**..... The calendar is a fully automatic calendar with dates from January 1, 2025 to December 31, 2074. The watch can be toggled between 12-hour and 24-hour systems.
- **Timer function**..... May be set to up to 100 minutes in 1-minute increments.
- **Counter Function**..... Each press of the button allows for a counting measurement. When using the single counter, this function can count up to 9999, and when using the twin counter, this function can count up to 99 (two digits) each on the left and right.
- **Stopwatch function**..... The stopwatch can count up to a maximum of 99 hours, 59 minutes, 59 seconds in increments of 1/100 seconds (after 60 minutes have passed, in increments of 1 second). Split time (intermediate elapsed time) measurement is also possible.

- **Dual Time Display**.....In addition to the main time display, the time in another region can be displayed simultaneously.
- **Alarm function**..... There are two types of alarms: a daily alarm that sounds every day at a set time, and a single alarm that sounds only once at a set time.
- **Internal Light (LED) Function**..When in time/calendar mode, pressing Button (B) will turn on the light for 2 seconds.
- **Battery End of Life Warning Function**.....When the remaining battery power of the watch runs low, the battery end of life warning icon will light up to indicate that the battery needs to be replaced.

Mode Change with Rotary Switch

To change modes, turn the rotating bezel and align the mode name on the rotating bezel with the mode indicator mark (▲) on the fixed bezel.

- The rotating bezel can be turned either clockwise or counterclockwise.



CAUTION

If sand or dirt enters the clearance between the rotating bezel and the watch case, the rotating bezel may not turn smoothly. If the watch is soiled with such foreign matter, rinse it off completely in a container of tap water.

Names of Buttons

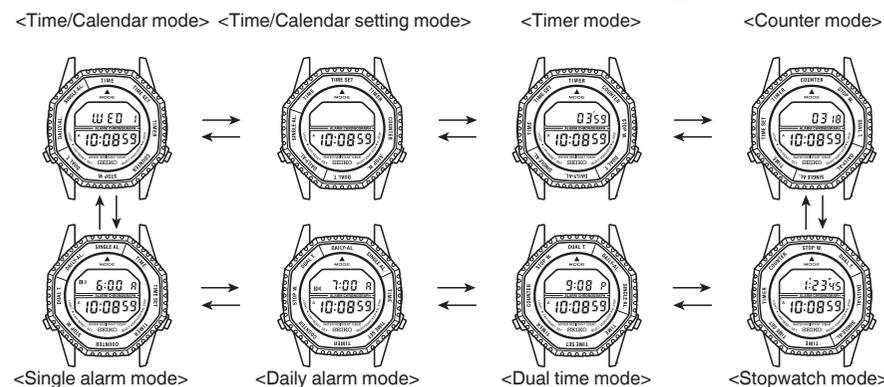
The names of the button are assigned as follows: Button (A) is assigned to the lower right corner and Button (B) is assigned to the lower left corner.



* The markings on the bezels and the design of the watch may differ from model to model.

Mode Change and Functions of Each Mode

Turn the rotating bezel to align the mode name with the mode indicator mark (▲) to change modes.



- When in time/calendar mode, pressing Button (B) will turn on the light for 2 seconds.

	Indication on rotating bezel	Functions	Reference page
Time/Calendar mode	TIME	<ul style="list-style-type: none"> Displays the time, date, and day of the week Turning on/off of hourly time signal/button operation confirmation sound; and alarm test 	P.16
Time/Calendar setting mode	TIME SET	<ul style="list-style-type: none"> Sets the time and date Calendar setting range: 2025 to 2074 	P.16
Timer mode	TIMER	<ul style="list-style-type: none"> Can be set to count down up to 100 minutes in 1-minute increments 	P.21
Counter mode	COUNTER	<ul style="list-style-type: none"> Allows for a counting measurement with each press of a button Single counter that can count up to 9999 Twin counter with 2 digits on each side, each capable of counting up to 99 	P.24
Stopwatch mode	STOP W.	<ul style="list-style-type: none"> Measures up to 99 hours, 59 minutes and 59 seconds in 1/100-second increments (1-second increments after 60 minutes). Also allows for split time (intermediate elapsed time) measurement 	P.27
Dual time mode	DUAL T.	<ul style="list-style-type: none"> Allows for the time in another region to be displayed simultaneously in addition to the main time display 	P.33
Daily alarm mode	DAILY AL.	<ul style="list-style-type: none"> Rings daily at a designated time. Can be engaged/disengaged as desired. 	P.35
Single alarm mode	SINGLE AL.	<ul style="list-style-type: none"> Single alarm that sounds once at a set time Can be engaged/disengaged as desired. 	P.35

Marking Descriptions

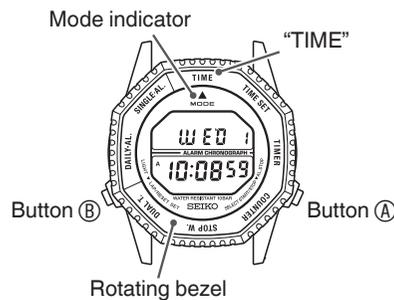
A [AM mark]	: This is displayed when the current time is displayed in the 12-hour system.
P [PM mark]	: This is displayed when the current time is displayed in the 24-hour system.
24H [24H mark]	: This is displayed when the current time is displayed in the 24-hour system.
LAP [Lap mark]	: Lights up when split time is displayed in stopwatch mode.
STOP [Stop mark]	: Lights up when the timer is paused in timer mode. Lights up when measurement is stopped in stopwatch mode.
 [Daily alarm mark]	: Lights up when the daily alarm setting is ON.
 [Single alarm mark]	: Lights up when the single alarm setting is ON.
 [Hourly time signal mark]	: Lights up when the time signal/button operation confirmation sound setting is ON. When the time signal/button operation confirmation sound setting is ON, the hourly time is reported every hour.
 [Battery end of life warning mark]	: When the remaining battery power of the watch runs low, the battery end of life warning icon will light up to indicate that the battery needs to be replaced.

How to Use Time/Calendar Mode

Buttons and functions

Time/Calendar mode

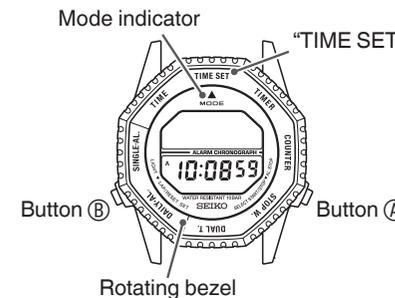
Turn the rotating bezel and align "TIME" with the mode indicator mark (▲) to switch to Time/Calendar mode. The upper row displays the "day of the week" and "day," and the lower row displays the "current time."



Button (A)	: No effect
Button (B)	: Turns on the light
Holding down	: Sets/turns off the time signal service/operation confirmation sound, tests alarm tone
Buttons (A) and (B) simultaneously	

Time/Calendar setting mode

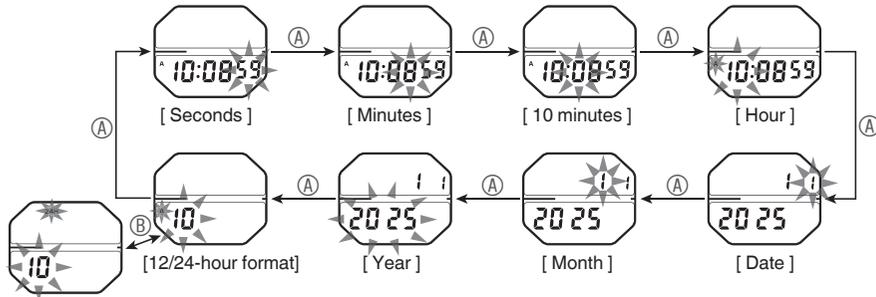
Turn the rotating bezel and align "TIME SET" with the mode indicator mark (▲) to switch to Time/Calendar setting mode. The "time/calendar setting" status is set and the "seconds" indicator blinks.



Button (A)	: To select digits to be adjusted
Button (B)	: To set digits to be adjusted
Holding down	: Resets the system
Buttons (A) and (B) simultaneously	

How to set the time and calendar

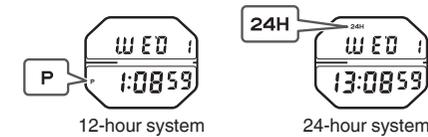
- Turn the rotating bezel to align "TIME SET" with the mode indicator mark (▲).
The "day of the week" and "day" will disappear and "seconds" will blink.
- Press Button (B) in accordance with a time signal. The seconds are reset to "00".
* If Button (B) is pressed while the seconds digits count any number between 30 and 59, one minute is added and the seconds digits are reset to "00".
* The telephone time signal service is helpful for setting the seconds hand exactly.
- Press Button (A) to proceed through the order shown below and select the desired location (blinking).



* Once the year, month and date are set, the day of the week is set automatically.

EN 18

- After selecting the desired location by pressing Button (A), each press of Button (B) advances the blinking number by one.
* For the 12-hour and 24-hour system setting, each press of Button (B) switches between 12-hour and 24-hour systems.



- When "time/calendar adjustment" is completed, turn the rotating bezel and align "TIME" with the mode indicator mark (▲) to return to "time/calendar display."

* The calendar has a fully automatic calendar function. As the day of the week, day, month, and year from 2025 to 2074 have been programmed in the automatic calendar, you do not need to manually adjust odd and even months and leap years during this period.
* Switching between 12-hour and 24-hour system settings also switches alarm time and dual time.

EN 19

Turning On/Off of Time Signal/Button Operation Confirmation Sound and Alarm Test

In "time/calendar display," when Buttons (A) and (B) are pressed at the same time, the time signal/button operation confirmation sound can be set or turned off. When set, the time signal mark (🔔) lights up. Also, at this time, the alarm tone sounds and can be tested.



* While the hourly time signal/button operation confirmation sound is turned on, the hourly time signal mark (🔔) is displayed in any mode.

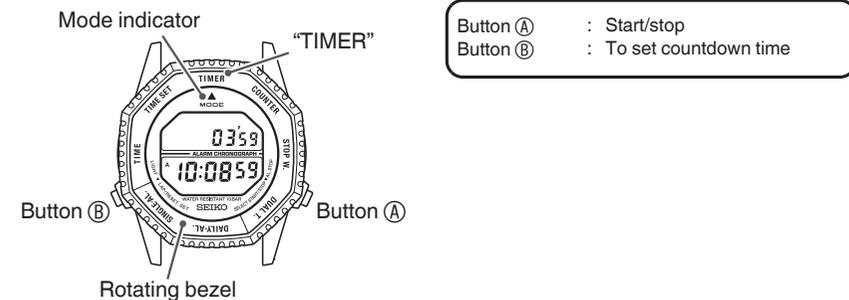
EN 20

How to Use the Timer Mode

The timer counts down the set time in 1-second increments.
May be set to up to 100 minutes in 1-minute increments.

Names of the buttons and their functions

Turn the rotating bezel and align "TIMER" with the mode indicator mark (▲) to switch to Timer mode. The upper row displays the "timer time," and the lower row displays the "current time."

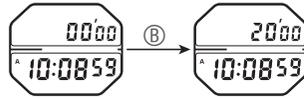


EN 21

How to set the timer time

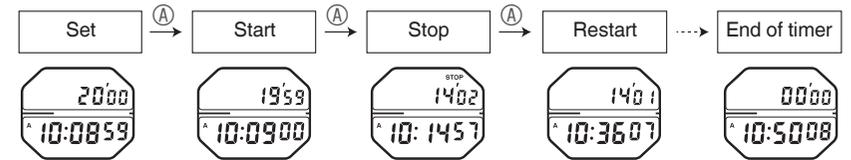
Ex.) To set countdown time to "20 minutes":

- Check if the timer display shows "00' 00."
* If the timer is paused (stop is displayed), press Button (B) to reset the timer time.
- Press Button (B) to set the timer time.
Each press of Button (B) advances the timer time by 1 minute.
* Hold down Button (B) to rapidly advance.



How to start/stop/reset the timer

- With the timer time set, press Button (A) to start the timer.
* During measurement, Button (A) can be pressed to cycle between stopping and restarting.
- When the timer ends, an alarm sounds for 3 seconds.



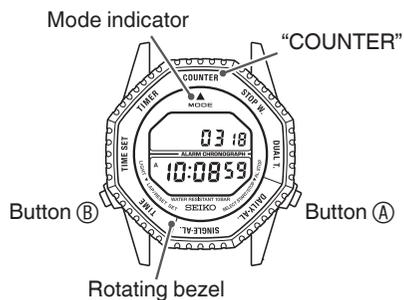
Alarm sounds for 3 seconds

* Pressing Button (B) while the timer is paused will end the timer and reset the timer time.

How to Use the Counter Mode

Names of the buttons and their functions

Turn the rotating bezel and align "COUNTER" with the mode indicator mark (▲) to switch to Counter mode. The upper row displays the "counter," and the lower row displays the "current time."



Button (A) : Counts
 Button (B) : Counts (during twin counter)
 Pressing Buttons (A) and (B) simultaneously : Resets counter

Using as a single counter

- Check if the Counter display shows "00 00."
* If not, press Buttons (A) and (B) simultaneously to reset the counter.
- Press only Button (A) to count.
* The counter can count up to 9999.

Press Button (A) to count

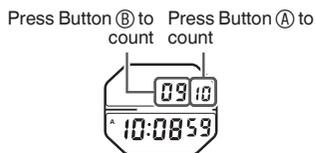


CAUTION

Press Button (B) before the count exceeds 100 to change to the twin counter.

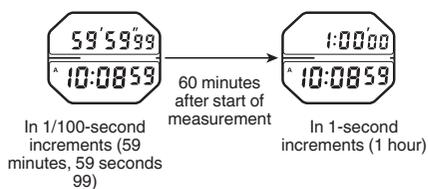
Using as a twin counter

- Check if the Counter display shows "00 00."
* If not, press Buttons (A) and (B) simultaneously to reset the counter.
- Press Button (A) or Button (B) to count on the respective side.
* Each counter can count up to 99.



Remarks on measurement increments

The stopwatch measures in 1/100-second increments for the first 60 minutes, and in 1-second increments thereafter. Please note the symbols indicating units of measurement. Please note that the time is displayed in the format of [0' 00" 00] during the 1/100-second increment measurement and [0 : 00' 00] during the 1-second increment measurement.

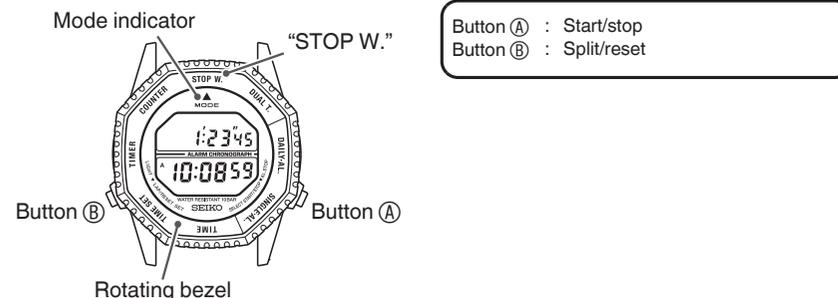


How to Use Stopwatch Mode

The stopwatch measures up to 99 hours, 59 minutes and 59 seconds in 1/100-second increments for the first 60 minutes, and in 1-second increments thereafter. Split time (intermediate elapsed time) measurement is also possible.

Buttons and functions

Turn the rotating bezel and align "STOP W." with the mode indicator mark (▲) to switch to Stopwatch mode. The upper row displays the "stopwatch," and the lower row displays the "current time."

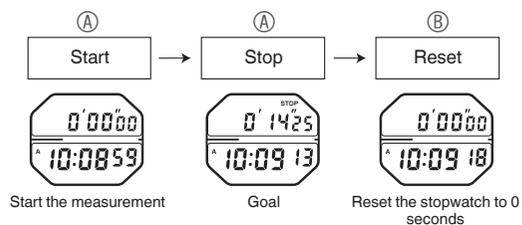


How to use the stopwatch

Check if the stopwatch display is set to "0' 00" 00" before measuring.
* If the stopwatch is stopped (STOP is displayed), press Button (B) to reset the stopwatch.

Normal measurement

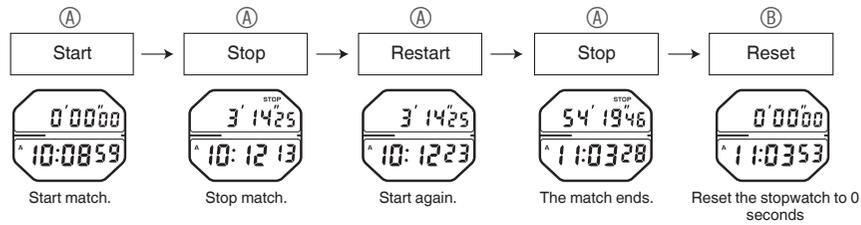
Example: 100 meter run



When the measured time reaches 99 hours, 59 minutes, and 59 seconds, the stopwatch automatically stops (auto-stop). Press Button (B) to reset the stopwatch.

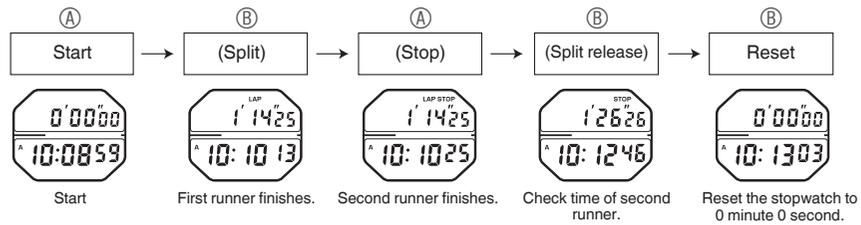
● Accumulated elapsed time measurement

Example: Soccer game time measurement



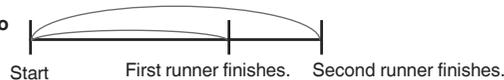
* During measurement, Button (A) can be pressed to cycle between stopping and restarting.

● How to measure time for two people



Displays finishing time of first runner (Still displaying finishing time of first runner) Displays finishing time of second runner

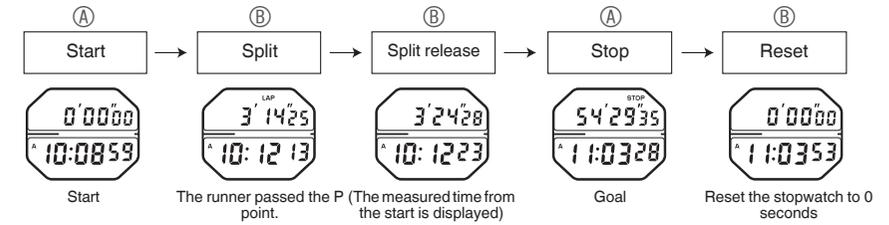
Ex. Measurement of two competitors



● Split time measurement

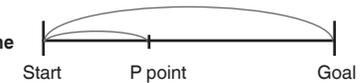
Example: 5,000 meter run

* "Split time" is the time that has elapsed from the start of an activity to any given stage.



The intermediate elapsed time is displayed.

Example of the intermediate elapsed time



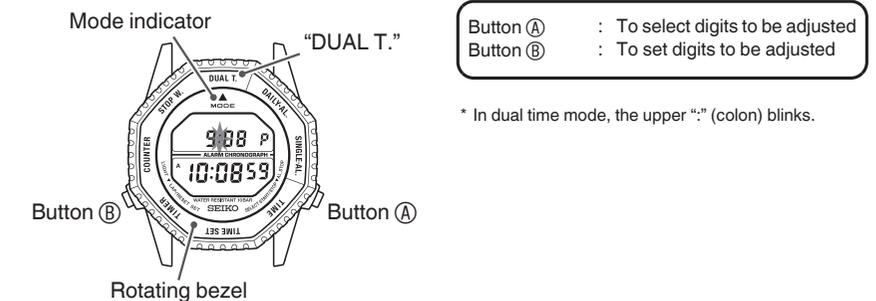
* During measurement, Button (A) can be pressed to cycle between splitting and split resetting.
* The LAP mark is displayed during split time display.

How to Use the Dual Time Mode

Dual time allows you to display a different local time from the main time set in the time display when you are traveling or on business abroad. This is useful for when you travel overseas.

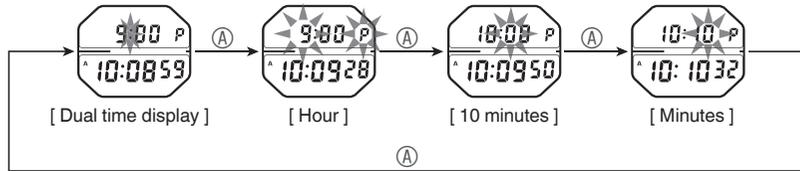
■ Names of the buttons and their functions

Turn the rotating bezel and align "DUAL T." with the mode indicator mark (▲) to switch to Dual time mode. The upper row displays the "dual time," and the lower row displays the "current time."



How to set dual time

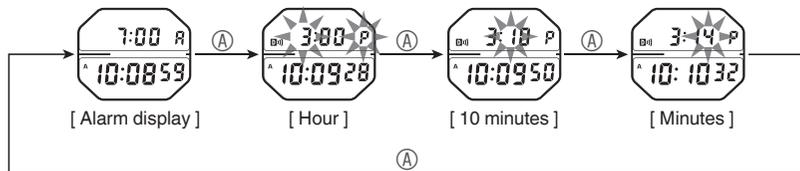
- Press Button (A) to proceed through the order shown below and select the desired location (blinking).
* If the "time/calendar display" is set to the 12-hour system, the "hours" and "A" (AM) or "P" (PM) will be displayed and blinking. When set to the 24-hour system, only the "hours" is displayed and blinks.



- After selecting the desired location by pressing Button (A), each press of Button (B) advances the blinking number by one.
- Press Button (A) to return to "dual time display."
* If the flashing display is left on for 15 seconds, it will automatically stop flashing and return to "dual time display."

How to use the alarm

- Turn the rotating bezel to align "DAILY AL." or "SINGLE AL." with the mode indicator mark (▲).
- Press Button (A) to proceed through the order shown below and select the desired location (blinking).
* If the "time/calendar display" is set to the 12-hour system, the "hours" and "A" (AM) or "P" (PM) will be displayed and blinking. When set to the 24-hour system, only the "hours" is displayed and blinks.



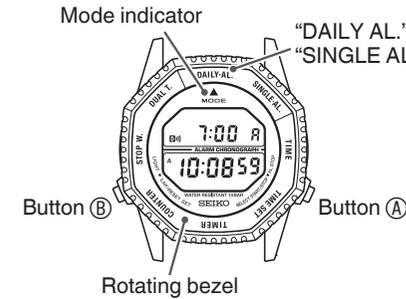
- After selecting the desired location by pressing Button (A), each press of Button (B) advances the blinking number by one.
- Press Button (A) to return to "alarm display."
* If the flashing display is left on for 15 seconds, it will automatically stop flashing and return to "alarm display."
* When set to "alarm display", an alarm is automatically set and an alarm mark (D) or (S) is displayed.

How to Use the Daily Alarm/Single Alarm Mode

There are two types of alarms: a daily alarm that sounds every day at a set time, and a single alarm that sounds only once at a set time. You can switch between setting and turning off alarms.

Names of the buttons and their functions

Turn the rotating bezel and align "DAILY AL." or "SINGLE AL." with the mode indicator mark (▲) to switch to Alarm mode. The upper row displays the "alarm time," and the lower row displays the "current time."



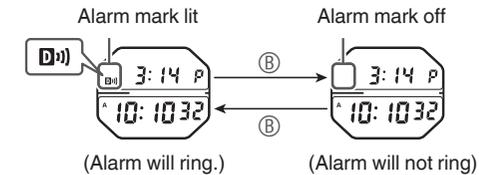
Button (A) : To select digits to be adjusted
Button (B) : To set digits to be adjusted
To engage/disengage alarm

* When the alarm has been set, the alarm mark (D) or (S) will be displayed.

Engagement/disengagement of the alarm

Each time Button (B) is pressed in "alarm display," the alarm can be set or turned off.
* When the alarm is set, the alarm mark (D) or (S) lights up.

* When the alarm has been set, the alarm mark (D) or (S) will be displayed in all modes.



Stopping an activated alarm

The alarm rings at the designated time for 20 seconds.

To stop it manually, press any of the buttons, or turn the rotating bezel to change the mode to another.

- For single alarm, the alarm mark (S) goes off when the alarm stops sounding.

If you want the alarm to ring at the same time, press Button (B) in single alarm mode to set the alarm.

Daily care

● The watch requires good daily care

- Wipe away moisture, sweat or dirt with a soft cloth.
- After soaking the watch in seawater, be sure to wash the watch in clean pure water and wipe it dry carefully.
Do not pour running water directly from a faucet onto the watch. Put some water into a bowl first, and then soak the watch in the water to wash it.
* If your watch is rated as "Non-water resistant" or "water resistant for daily use", please do not wash the watch.
"Performance and type" → P.39
"Water resistant performance" → P.42

● Press the button once in a while

- Press the button once in a while to prevent corrosion of the button.

Remarks on Battery

■ Notes on the battery

● Battery life

This watch keeps operating for approximately 3 years if a new normal battery is inserted in it.

* However, since the battery life is based on the following conditions: light on once for 2 seconds a day, stopwatch measurement for 1 hour a day, and alarm usage for 20 seconds a day, the battery capacity may run out before the above period if the watch functions are used more than this.

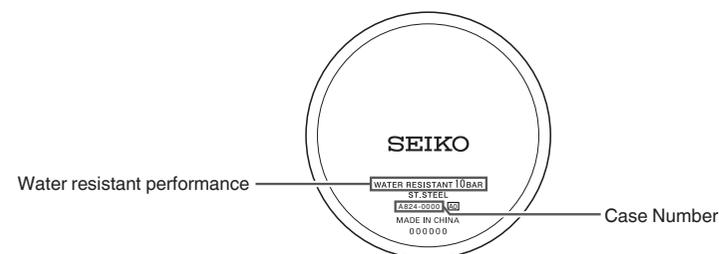
● Monitor battery

The battery in your watch is a monitor battery which is inserted at the factory to check the function and performance of the watch.

Its actual life once in your possession may be less than the specified period.

Performance and type

The case back shows the caliber and performance of your watch



● Water resistant performance

Please refer to P.42.

● Case Number

The number to identify the type of your watch.

* The above illustration is provided as an example, therefore it may not be exactly the same as your watch.

● Battery replacement

- For battery replacement, be sure to have the battery replaced with a new one at the retailer from whom the watch was purchased, specifying a genuine SEIKO battery.
- 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.
- Battery replacement is made at cost even if it runs down within the guarantee period.
- 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 pertaining to the water resistant quality of your watch.

If your watch has 10-bar or higher water resistant quality, be sure to have such test performed on the watch every time the battery is replaced.

Please note that it takes several days to check the water resistant quality of your watch. When requesting the checking, therefore, please confirm the period required for it.

■ Battery life indicator

The watch is equipped with a battery life indicator that enables you to know when the battery needs to be replaced.

* When the battery end of life warning icon lights up, the watch may stop within 2 to 3 days. Please ask the retailer from whom the watch was purchased to replace the battery as soon as possible.

Water resistant performance

Refer the table below for the description of water resistant performance of your watch before using. (Please look at P.39.)

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 Please do not use it for swimming.
WATER RESISTANT 5 BAR	Water resistance for everyday life at 5-BAR water resistant	The watch is suitable for sports such as swimming.	
WATER RESISTANT 10 (20) BAR	Water resistance for everyday life at 10 (20)-BAR water resistant	The watch is suitable for diving not using an air cylinder.	

● 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 bathing, swimming, and when working with water even if the watch itself is water resistant enforced for daily use (10-BAR/20-BAR water resistant).

● Polyurethane band

- A polyurethane band is susceptible to discoloration from light, and may be deteriorated by solvent or atmospheric humidity.
- Especially a translucent, white, or pale colored band easily adsorbs other colors, resulting in color smears or discoloration.
- Wash out dirt in water and clean it off with a dry cloth. (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.)
- When the band becomes less flexible, have the band replaced with a new one. If you continue to use the band as it is, the band may develop cracks or become brittle over time.

Band

The band touches the skin directly and becomes dirty with 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 result in a rash or 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.)
Clean it off with a soft cloth.
- Because some titan bands 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 band, 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.

● Silicone band

- As for material characteristics, the band is easily dirtied, and may be stained and discolored. Wipe off dirt with a wet cloth or cleaning tissue.
- Unlike bands of other materials, cracks may result in the band being cut. Take care not to damage the band with an edged tool.

Notes on skin irritation and allergy	Skin irritation caused by a band may result from various factors 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. 

After sales 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 with functional 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.

● Internal watch light (LED)

The watch uses a technique to uniformly diffuse light from a light emitting diode (LED) with a light guide plate.

* If the battery is nearing the end of life and voltage decreases, illumination (brightness) will decrease.

● Liquid crystal panel

After the liquid crystal panel in this watch has been used for seven years, the contrast will decrease and the numbers will be hard to read. Consult the retailer from whom the watch was purchased for replacement of the liquid crystal panel. A fee will be charged for replacement.

● 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.

According to use conditions, the digital display may go out due to liquid leakage.

As the parts such as gasket may deteriorate, water resistant performance may be impaired due to intrusion of perspiration and moisture.

Inspection and adjustment by disassembly and cleaning (overhaul) should be performed by the retailer from whom the watch was purchased, and who specifies "SEIKO GENUINE PARTS". At this time, also request replacement of the gasket and the spring bar.

- When your watch is inspected and adjusted by disassembly and cleaning (overhauled), the movement of your watch may be replaced.

Troubleshooting

Troubles	Possible causes	Solutions
The watch has stopped operation. The display remains blank.	The battery has run down.	Immediately request the retailer from whom the watch was purchased to replace the battery with a new one.
The watch temporarily gains/loses time.	The watch has been left in extremely high or low temperatures for a long time.	Normal accuracy will resume when the watch returns to normal temperatures. If the problem persists, consult the retailer from whom the watch was purchased.
Dual time, alarm settings, or other settings have been accidentally reset.	A system reset will not only reset the time/calendar, but also set the dual time to 12:00 AM. In addition, all daily alarms, single alarms, stopwatch measurement values, timer setting and measurement values, counter measurement values, etc. are reset.	After a system reset, re-enter settings in each mode, including time adjustment.

Troubles	Possible causes	Solutions
The battery end of life warning icon has lit up.	It indicates that the battery is nearing its end.	Immediately request the retailer from whom the watch was purchased to replace the battery with a new one.
Blur in the display persists.	A 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 a solution to a problem other than listed above, contact the retailer from whom the watch was purchased.

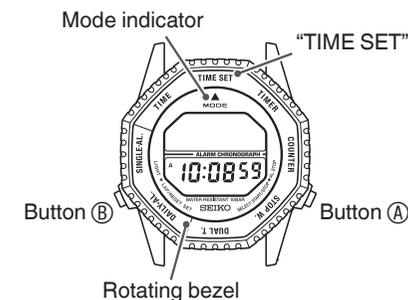
Specifications

Cal.	A824
1. Frequency of crystal oscillator	32,768 Hz (Hz = Hertz ... Cycles per second)
2. Loss/gain (monthly rate)	Less than 20 seconds at normal temperature range (between 5 °C and 35°C)
3. Operational temperature range	-10°C to +60°C (the display function is 0°C to +50°C)
4. Display system	
Shared display	Hours, minutes, seconds, A/P mark (displayed during 12-hour system), 24H mark (displayed during 24-hour system), daily alarm/single alarm mark, time signal mark, battery end of life warning mark
Time/calendar mode	Day, day of the week
Time/Calendar setting mode	Year, month, day
Timer mode	Measurement increments: May be set to up to 100 minutes in 1-minute increments
Counter mode	During single counter: Up to 9999; during twin counter: Up to 99 x 2 counters

How to reset the system

In case the watch shows an abnormal display, follow the procedure below to reset the built-in IC. The normal display will resume.

- Turn the rotating bezel to align "TIME SET" with the mode indicator mark (▲).
- Press and hold Buttons (A) and (B) simultaneously for at least 2 seconds and release when the display disappears.
- The built-in IC is reset.
When the display is restored from a state of no display, the time/calendar setting mode's "time/calendar setting" status is set and the "seconds" indicator blinks.
The time and date will be shown as 1/1/2025, 12:00 AM.
To use the watch with an accurate time indication, be sure to set the time/calendar after resetting the built-in IC.



A system reset will not only reset the time/calendar, but also set the dual time to 12:00 AM. In addition, all daily alarms, single alarms, stopwatch measurement values, timer setting and measurement values, counter measurement values, etc. are reset.

Stopwatch mode	Measurement up to 99 hours, 59 minutes, and 59 seconds in 1/100-second increments (1-second increments after 60 minutes), split time, total time, STOP/LAP mark
Dual time mode	Dual time (hours, minutes, A/P mark)
Daily alarm mode	Daily alarm set time (hours, minutes, A/P mark)
Single alarm mode	Single alarm set time (hours, minutes, A/P mark)
5. Display medium	Nematic Liquid Crystal, FEM (Field Effect Mode)
6. Battery	SB-T11, 1 piece
7. Battery life	Approximately 3 years (when light on once for 2 seconds a day, stopwatch measurement for 1 hour a day, and alarm usage for 20 seconds a day)
8. Illuminating light	Internal light: LED
9. IC (Integrated Circuit)	Oscillation, division, drive: C-MOS IC (1)

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