



WIRED W 571

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セイコーウォッチ株式会社

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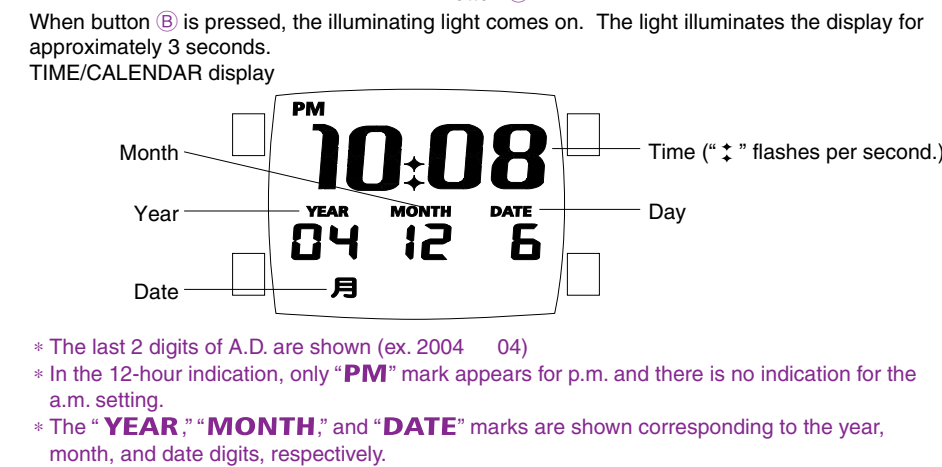
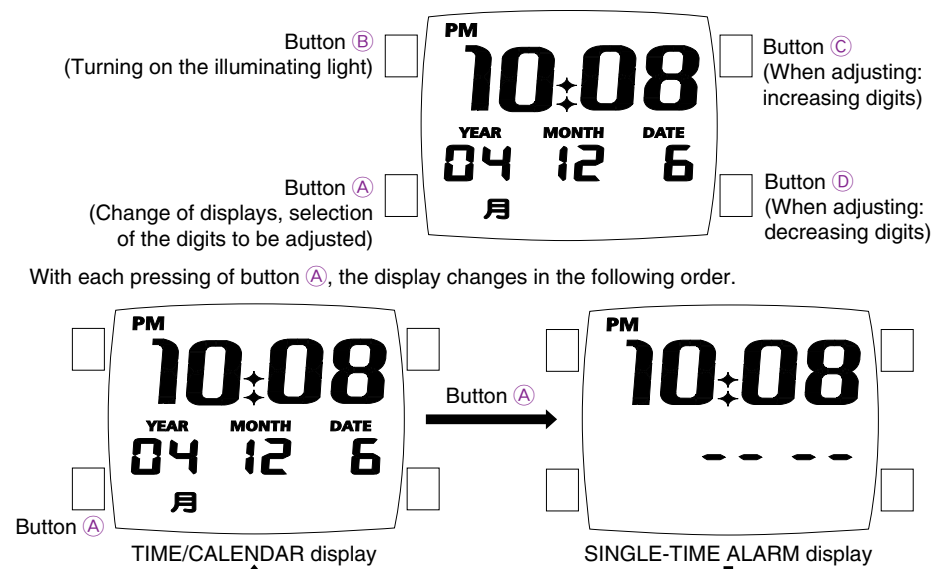
FEATURES

- This watch is equipped with the following functions in addition to the time (hour and minute) display.
- Calendar..... the year, month, day, and date can be displayed.
- Automatic calendar..... the calendar adjusts for odd and even months (from 2004 to 2050).
- Single-time alarm..... the single-time alarm rings only once at a designated time.
- Illuminating light..... The alarm sound can be heard using the sound demonstration function. when button B is pressed, the illuminating light comes on. The light illuminates the display for approximately 3 seconds.
- Battery life indicator..... if " " mark starts to flash, it means that the battery is expiring and should be replaced with a new one.
- * The sound demonstration function: test-hearing of the alarm sound is possible.
- * The electroluminescent panel used in the illuminating light loses its luminance level gradually with use (refer to " ILLUMINATING LIGHT (ELECTROLUMINESCENT PANEL)" for further details).
- * While the illuminating light is used, the watch emits a slight noise. This is due to the booster circuit operating to illuminate the light, and not a malfunction.

SPECIFICATIONS

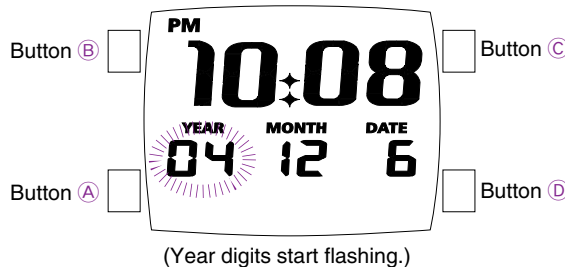
- Frequency of crystal oscillator..... 32,768 Hz (Hz = Hertz Cycles per second)
 - Loss/gain (monthly rate)..... Less than 30 seconds (worn on the wrist at normal temperature range 5 ~ 35 °C)
 - Operational temperature range..... - 5 ~ +50 (0 °C ~ +50 for the display)
 - Display medium..... Nematic Liquid Crystal FEM (Field Effect Mode)
 - Battery..... Manganese lithium battery SB-T15, 1 piece
 - Battery life..... Approximately 2 years
 - Illuminating light..... EL (Electroluminescent panel)
 - C (Integrated Circuit)..... Oscillator, frequency divider and driving circuit MOS-C, 2 pieces
- * The above specifications may be subject to periodic changes without prior notice due to product improvements.

DISPLAY AND BUTTON OPERATION

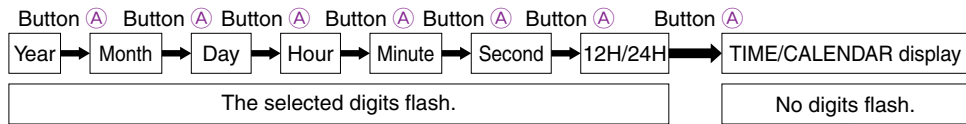


HOW TO SET THE TIME AND CALENDAR

- Press button A to show the TIME/CALENDAR display.
- Press button A for 2 to 3 seconds to show the TIME/CALENDAR SETTING mode.



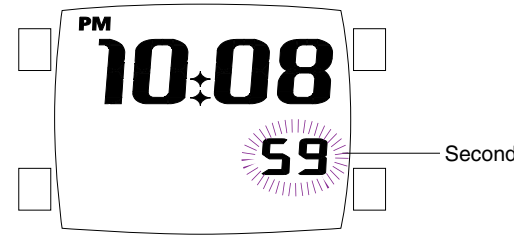
- * If the watch is left untouched with the year digits flashing, it will automatically return to the TIME/CALENDAR display in 1 to 2 minutes.
- Press button A to select the digit to be adjusted (flashing).
- * With each pressing of button A, the selection of the flashing digits will be made in the following order.



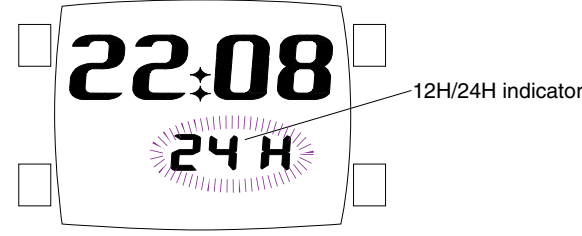
- * Press button A for 2 to 3 seconds to return to the top of the selection again.
- * After all digits are selected, the display returns to the TIME/CALENDAR display and no digits flash. Press button A for 2 to 3 seconds again to select the digits to be adjusted.

<How to set the year, month, day, hour, and minute>
 ④ Press button C or D to set the flashing digits. With each pressing of button C, one digit is increased. Digits move continuously if the button is kept pressed. With each pressing of button D, one digit is decreased. The digits move continuously if the button is kept pressed.

<How to set the seconds>
 ⑤ After setting of the year, month, day, hour, and minute digits, press button A to move to the SECONDS SETTING mode. When setting seconds, the second digits are shown on the display instead of the calendar. Select the second digits (flashing), and press button C or D in accordance with a time signal. The second digits are reset to "00." When the second digits count any number between "30" and "59," one minute is added and the second digits are immediately reset to "00."



<12H/24H indicator >
 ⑥ After setting of the seconds, press button A to select 12H/24H indicator. "12H" (or "24H") flashes, and the selection of 12-hour or 24-hour indicator can be made when button C or D is pressed. In the 12-hour indication, only the "PM" mark appears for p.m. and there is no indication for the a.m. setting.



* 24-hour indicator is selected in the above illustration.

⑦ After all adjustments are completed, press button A to return to the TIME/CALENDAR display.

<All segments lighting up>
 * In the TIME/CALENDAR SETTING mode, it is not a malfunction if the display as shown below (all segments light up) appears. This happens when both buttons C and D are pressed simultaneously. In such a case, press any of buttons A, B, C, or D to return to the TIME/CALENDAR display, and then set the time and calendar again following the steps above starting from step ①.

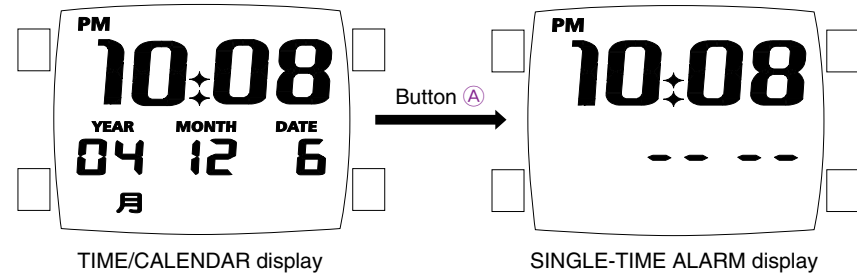


* If the watch is left untouched with all segments lighting up, it will automatically return to the TIME/CALENDAR display in 1 to 2 minutes.

HOW TO USE THE SINGLE-TIME ALARM

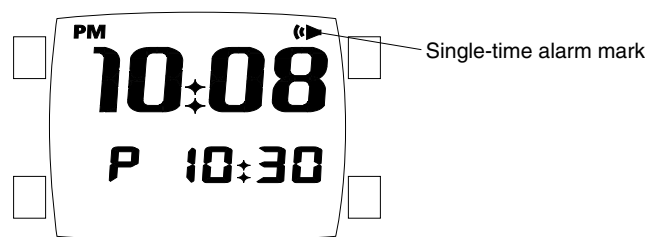
The single-time alarm rings only once at a designated time and it is disengaged automatically. To set the alarm time, increase or decrease the hour or minute digits from the current time shown on the watch display.

- How to set the single-time alarm
 ① Press button A to show the SINGLE-TIME ALARM display.



② With each pressing of button C, one digit is increased, and with each pressing of button D, one digit is decreased. Press button C or D to set the alarm time you desire.

If button C or D is kept pressed and "00," "15," "30," "45" minutes are passed, the digits are increased or decreased in 15 minute increments. Release the button when the digits are close to the desired time and press the button again to increase or decrease the digits in one-minute increments if necessary.

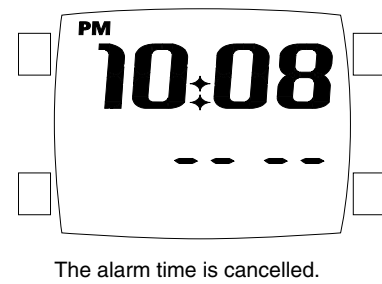


- * In the above illustration, the single-time alarm is set at 10:30 p.m. when the 12-hour indicator is selected.
- * When the 12-hour indicator is selected, "P" illuminates if the alarm time is set to p.m.
- * When the alarm is set, the single-time alarm mark "P" illuminates to show that the alarm is set.
- Press button A to return to the TIME/CALENDAR display.
- * This is to prevent the alarm time from being changed when button C or D is pressed erroneously.

How to stop the single-time alarm
 At the designated time the alarm rings for 20 seconds and automatically stops. To stop the single-time alarm manually, press any of buttons A, B, C, or D.
 * The above procedure is available for any of the displays.
 * The single-time alarm is disengaged automatically and "P" mark disappears after the alarm rings at the designated time and stops.

- How to check, adjust or cancel the alarm time
 When checking the alarm time you have set
 * When adjusting or canceling the alarm time you have set
 ① Press button A to show the SINGLE-TIME ALARM display. The designated alarm time will appear.

② The alarm time can be adjusted by pressing button C or D.
 For canceling the alarm time you have set, press buttons C and D simultaneously, or press button C or D to set the alarm time to the current time (hour and minute).



* When the alarm time is cancelled, "--" is shown.

The sound demonstration function (test-hearing of the alarm sound)
 To hear the alarm sound, press buttons C and D simultaneously for more than 1 to 2 seconds in the SINGLE-TIME ALARM display. The alarm sound can be heard while the buttons are kept pressed.
 * After the above operation, the setting of the alarm engagement/disengagement changes, for instance, the alarm you have set may be cancelled. Refer to " How to set the single-time alarm" to engage or disengage the alarm again.

NECESSARY PROCEDURE AFTER REPLACING THE BATTERY

After the battery is replaced with a new one, or if abnormal display (failing digits, etc.) appears, follow the procedure below. The built-in IC will be reset and the watch will resume normal operation.
 How to reset the built-in IC
 After replacing the battery with a new one, press button A, B, C, and D simultaneously for 1 to 2 seconds. The display will become blank, and then, the watch will return to the initial setting of "12:00'00 a.m., Thursday, Jan 1st, 2004." Set the time and calendar after resetting the built-in IC.

REMARKS ON THE BATTERY

- Battery life**
 When a new standard battery is installed, this watch will operate for approximately 2 years. However, the battery life may be shorter than 2 years if the alarm is used for more than 20 seconds a day and/or the illuminating light more than once a day.
- Monitor battery**
 The battery in your watch may run down in less than 2 years after the date of purchase, as it is a monitor battery which is inserted at the factory to check the function and performance of the watch.
- Battery life indicator**
 * If " " mark starts flashing, it means that the battery is expiring. Have the battery replaced with a new one at the retailer from whom the watch was purchased as soon as possible.
 * If " " mark starts flashing, the functions below cannot be used. This is not a malfunction.
 - Illuminating light
- 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, 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 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.

WARNING

- Do not remove the battery from the watch.
- If it is necessary to take out the battery, keep it out of the reach of children.
- If the child swallows it, consult a doctor immediately as it will adversely affect the health of the child.

CAUTION

- Never short-circuit, tamper with or heat the battery, or never expose it to fire as it may explode, generate and intense heat or catch fire.
- The battery in your watch is not rechargeable.
- Never attempt to recharge it, as this may cause battery leakage or damage to the battery.
 If the watch is left in a temperature below 5 °C or above 35 °C for a long time, it may cause the battery life to be shortened.

NOTE ON THE ELECTROLUMINESCENT PANEL (FOR ILLUMINATING LIGHT)

The electroluminescent panel for illumination of the display loses its luminance as the battery voltage gets lowered. Also, its luminance level decreases gradually with use.
 *After 120 hours of use, the luminance level decreases by about half. When the illuminating light becomes dim, replace the battery with a new one. If the illuminating light remains dim after the battery is replaced, have the electroluminescent panel replaced with a new one by the retailer from whom the watch was purchased. It will be made at cost.

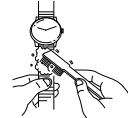
CARE OF YOUR WATCH

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 with rust or those who have a delicate skin may have a rash.
 - After removing the watch from your wrist, wipe perspiration or moisture with a soft cloth. This will prevent the watch from being soiled, adding to the life of the gasket.

METAL BRACELET

Clean the watch bracelet with a soft toothbrush dipped in water or soapywater. If your watch is not water-resistant, be careful not to get the case wet when cleaning.



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.



SOFT PLASTIC BRACELET

If your watch has a soft plastic band such as urethane band, do not leave the watch under a fluorescent lamp or direct sunlight for a long time, or do not leave the band soiled. Otherwise, the band may be discolored, hardened or broken. Also, do not keep the watch in a place where it is exposed to high humidity, or do not leave the band wet with perspiration or water. Otherwise, the band may be discolored in a very short time.

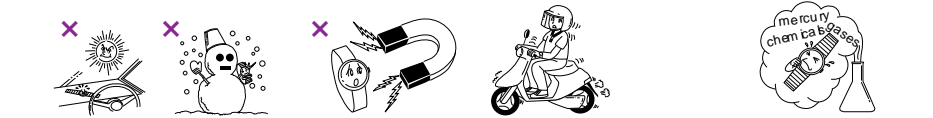
- When the band is soiled, rinse it in soapy water. Do not use solvents for cleaning as some solvents may deteriorate the band.
- If your watch has a semitransparent urethane band which is easily discolored, special care should be taken to keep it clean. Depending on the condition of use, the semitransparent band may be discolored after several months of use.
- If your watch is not water-resistant, be careful not to get wet with water or sweat. When it gets wet with water or sweat, wipe it thoroughly dry with a hygroscopic cloth.
- 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 and 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:
 - Allergy to metals or leathers
 - 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 -5°C or above +50°C for a long time, it may function improperly or stop operating.
 * This watch is so adjusted that it will maintain stable time accuracy in normal temperatures (5°C ~ 35°C). It will lose or gain slightly, but it will regain high time accuracy when it returns to normal temperature.
- 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 benzene and thinner, gasoline, nail polish, cosmetic spray, detergent, adhesives, mercury, and other antiseptics, etc.
- 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.

	Designed and manufactured for swimming and kitchen work.	Designed for heavy brushing and bathing.	Diving without a scuba or helmet.	Genuine diving apparatus and helmets.	Button operation when the watch is wet.
"WATER RESISTANT" is not inscribed on the back of your watch case.	X	X	X	X	X
"WATER RESISTANT" is inscribed on the back of your watch case.		X	X	X	X
"WATER RESISTANT 5-10-15-20 BAR," "WATER RESISTANT" and "Q" marks inscribed on the back of your watch case.			X	X	X
					X

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 the 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.

PRECAUTIONS ON WEARING YOUR WATCH

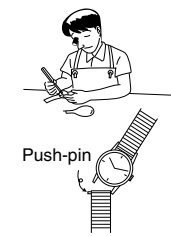
- Take utmost care in the following cases:
- When clasping and unclasping the band, you may damage your nail, depending on the type of clasp used with the band.
 - In case you tumble and fall or bump into others with the watch worn on your wrist, you may be injured by the reason of the fact that you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

CAUTION

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.

PERIODIC CHECK

- We suggest that you have your watch checked by 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 by when checking the watch or the battery is replaced.



NOTE ON THE LIQUID CRYSTAL PANEL

The normal life expectancy for the liquid crystal panel of the watch is approximately 5 years. After that, it may decrease in contrast, becoming difficult to read. Please contact the retailer from whom the watch was purchased or an AUTHORIZED SEIKO DEALER to have the liquid crystal panel replaced with a new one. It will be made at cost.

NOTES ON THE REPLACEMENT PARTS

- Guarantee coverage is spelled out in the certificate of guarantee, please read it carefully and keep.
- SEIKO makes it a policy to usually keep a stock of spare parts for its watches for 7 years. In principle, your watch can be reconditioned within this period if used normally. (Replacement parts are those which are essential to maintaining the functional integrity of the watch.)
- The number of years that a watch is considered repairable may vary greatly depending on the condition under which it was used, and normal accuracy may not be achieved in some cases. We recommend, therefore, that you consult the retailer from whom the watch was purchased, when having them repair your watch.
- The case, dial, hands, glass, bracelet, or parts thereof may be replaced with substitutes if the originals are not available.

VIVIDIGI

"VIVIDIGI" is a newly developed liquid crystal panel that has various color combinations of segments and background and lights up in various manners, providing wide varieties of displays.

Features

- "VIVIDIGI" has high light-transmissivity and lightreflectance to give a vivid and clear display.
- The segments for digits and the entire background of the display can be illuminated in various colors.
- Either the whole display or only the segments are illuminated depending on the models.

*Above features of "VIVIDIGI" are embodied differently from model to model.