

WIRED デジタル

取扱説明書 INSTRUCTION

WIRED W543

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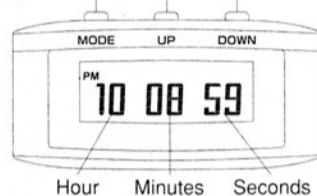
FEATURE

The watch has the following functions:

- Time/display Hour, minutes and seconds can be displayed.
- Calendar display Year, month and date can be displayed.
- Automatic calendar No calendar adjustment at the end of the month is required from 2004 to 2050.

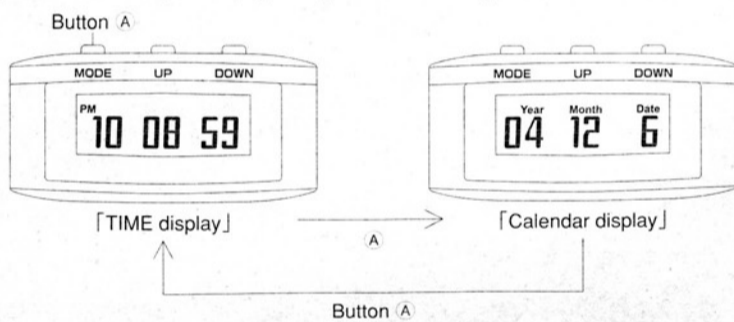
DISPLAY AND BUTTON OPERATION

(Changeover of displays) Button A Button B Button C



*In some models, the orientation of the display screen may be different from the above illustration or the display may look partly divided due to the prints of its glass cover. However, the operation is the same as the above.

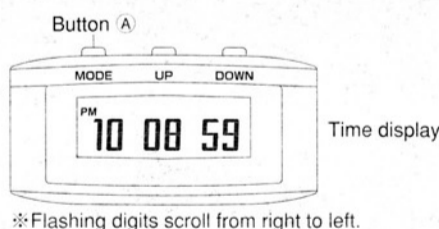
● With each press of button A, the display changes in the following order.



- When the display is changed, numerals and indications on the display screen scroll from right to left.
Time display: Current time (hour, minutes, seconds)
Calendar display: Year (the last two digits of the year), month, date
- In the calendar display, "Year", "Month" and "Date" will be displayed above numerals showing year, month and date, respectively.

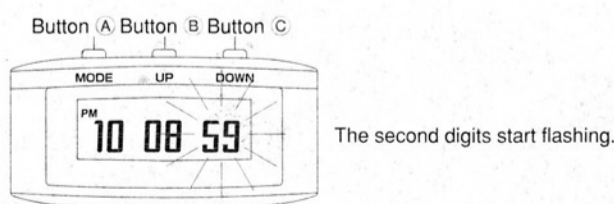
HOW TO SET THE TIME / CALENDAR

① Press button A to show the Time display.



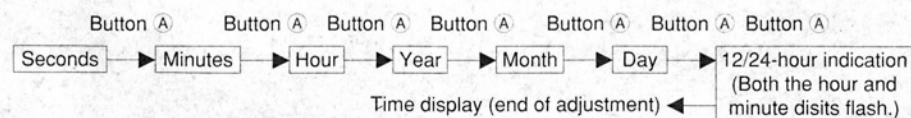
※Flashing digits scroll from right to left.

② Press button A for 1 to 2 seconds to show the Time/Calendar setting display.



※ If the watch is left untouched with the digits flashing, it will automatically return to the Time/Calendar display in 1 to 2 minutes.

③ Press button A to select the digits to be adjusted (flashing). With each press of button A, the digits are selected (flashing) in the following order.



※ If button A is pressed while both the hour and minute digits (12/24-hour indication) are flashing, the display will return to the Time display. In case you would like to adjust any digits, press button A for 1 to 2 seconds to show the Time/Calendar setting display again.

④ Press button B or C to set the flashing digits. With each press of button B, one digit is increased. The digits move quickly if button B is kept pressed. With each press of button C, one digit is decreased. The digits move quickly if button C is kept pressed.

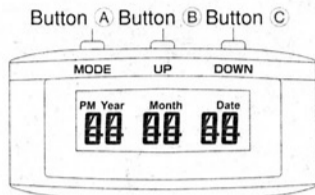
When both the hour and minute digits are flashing, change between 12-hour and 24-hour indications can be made. In 12-hour indication, only "PM" mark is displayed and there is no indication for the AM setting.

⑤ Select the hour and minutes digits (12/24-hour indication) by pressing button A, and then press button A again to return to the Time display.

● Second setting : While the second digits are flashing, press button B or C in accordance with a time signal to reset the seconds to "00". If button B or C is pressed when the seconds count any number between "30" and "59", one minute is added and the seconds are immediately reset to "00".

<All the segments lightning up>

※ While in the TIME/CALENDAR SETTING display, the display as shown below will appear if both buttons B and C are pressed at the same time. This is not a malfunction. Press button A, B or C to return to the TIME/CALENDAR display, and then set the time/calendar again following the steps above starting from "1".



SPECIFICATIONS

- Frequency of crystal oscillator 32,768Hz (Hz=Hertz...Cycles per second)
- Loss/gain Average monthly rate: ±30 seconds (in temperatures of between 5°C and 35°C on your wrist)
- Operational temperature range -5°C ~ +50°C (0°C ~ +50°C for the display)
- Display medium Nematic Liquid Crystal, FEM (Field Effect Mode)
- Battery Lithium battery SB-AS, 1 piece
- Battery life Approx. 2 years
- IC (Integrated Circuit) C-MOS-IC, 1 piece

※ The above specifications are subject to change without prior notice, for product improvement.

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 to have the liquid crystal panel replaced with a new one. It will be made at cost.

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 models.

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

TO PRESERVE THE QUALITY OF YOUR WATCH

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.

"WATER RESISTANT" is not inscribed on the back of your watch case.	×	×	×	×	×	×
"WATER RESISTANT" is inscribed on the back of your watch case.	○	×	×	×	×	×
"WATER RESISTANT 5-10-15-20 BAR.", "WATER RESISTANT" and marks inscribed on the back of your watch case.	○	○	×	×	○	×
	○	○	○	×	○	×

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.

PLACES TO KEEP YOUR WATCH

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

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 of 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 soapy water. 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 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:
 - 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.

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.
 - If your watch has a light-colored urethane or leather band, special care should be taken to keep it clean, as such bands easily get soiled or discolored. Also, take utmost care not to bring the band into close contact with clothes or bags made of denim and other materials whose color easily come off. The dye may stick to the band to make indelible stains.

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 watch dealer 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 replacing the parts or battery, please specify "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 a watch dealer when checking the watch or the battery is replaced.

REMARKS ON THE BATTERY

Notes on the battery

- Battery life
When a new normal battery is installed, this watch operates for approximately 2 years.
- Monitor battery
The battery in your watch may run down in less than two 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 change
 - 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.
 - If the old battery is left in the water 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 charged 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.

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. Also, the liquid crystal panel may decrease in contrast, and the electroluminescent light may illuminate for a shorter period of time.

NECESSARY PROCEDURE AFTER BATTERY CHAGE (RESETTING THE IC)

After the battery is replaced with a new one, or when an abnormal display (broken digits, etc.) appears, follow the procedure below. The built-in IC will be reset and the watch will resume normal operation.

Resetting the built-in IC

Press buttons A, B and C simultaneously for 2 to 3 seconds, and all displays and indications disappear. When the buttons are released, "12:00:00" a.m., Jan. 1, 2004" will be displayed. set the time and calendar before using the watch.

After setting the IC

Before using the watch, adjust the following display in the order below by referring to the corresponding sections of this instruction manual.

- Time/calendar

NOTE ON THE REPLACEMENT PARTS

- 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.