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セイコーウオッチ株式会社

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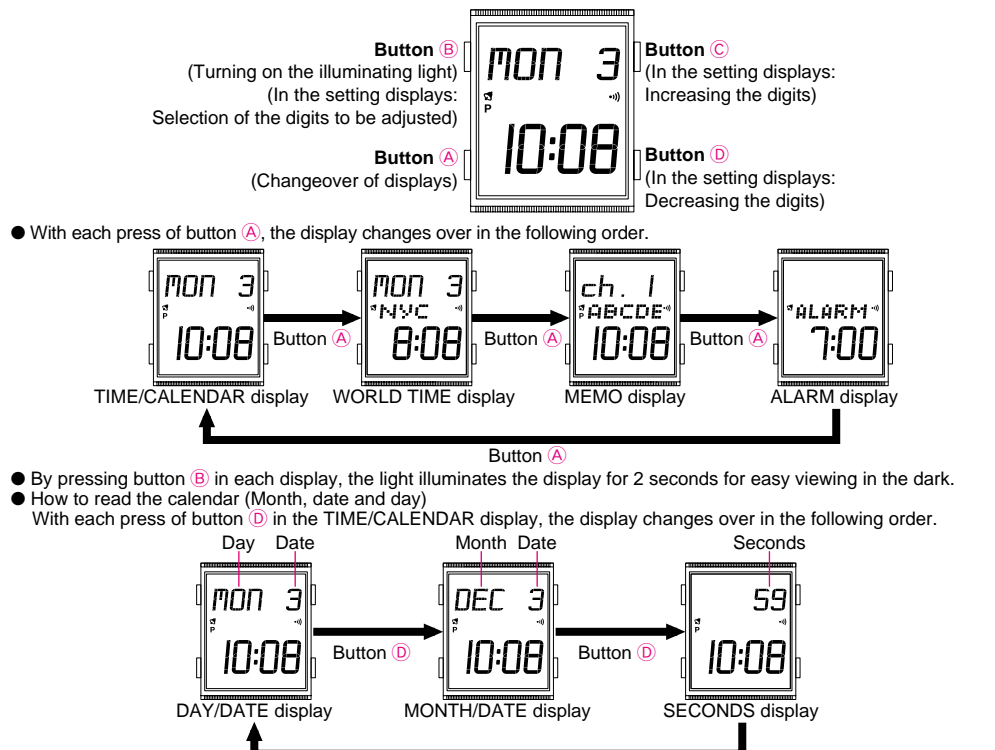
FEATURES

- This watch is equipped with the following functions, and each display is shown on the dot-matrix display.
● Time/calendar display function
Hour and minutes are displayed together with either the seconds or the calendar.
● World time function
The time of 38 cities in different time zones throughout the world can be displayed. The daylight saving time (summer time) can also be shown for each city.
● Illuminating light
Before using the daylight saving time function, be sure to check if the daylight saving time is in effect in the city you have selected.

SPECIFICATIONS

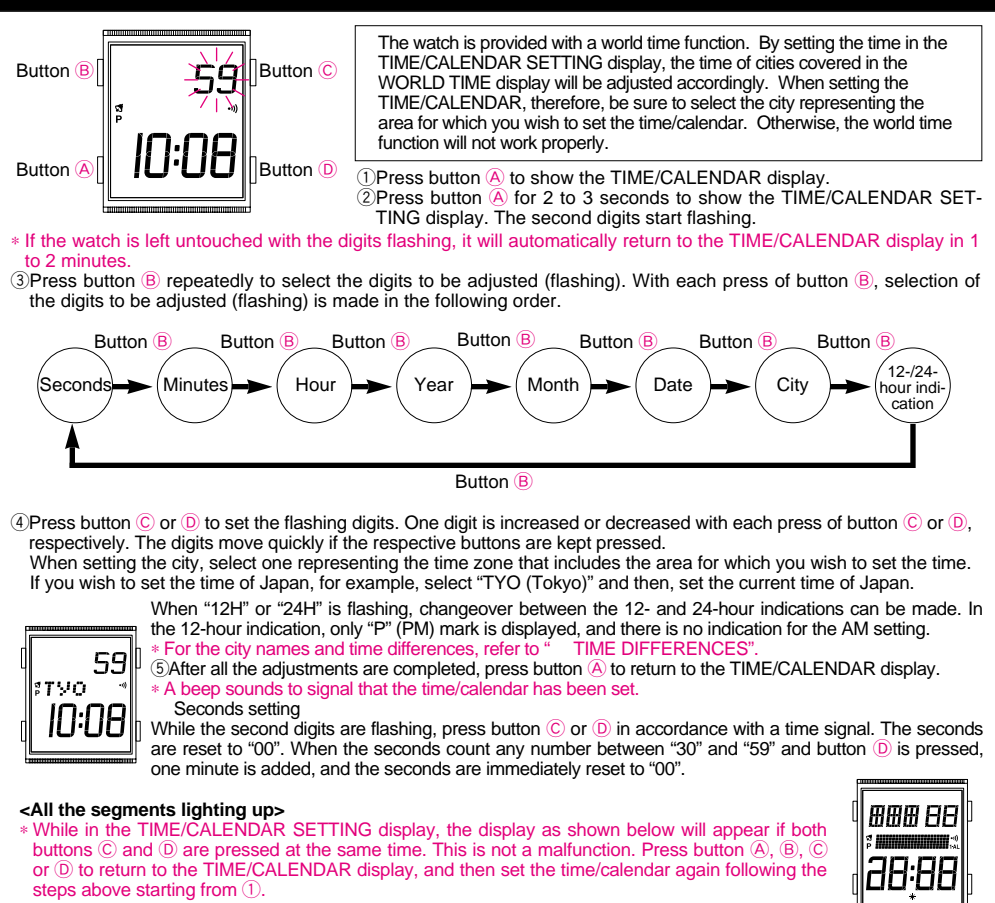
- 1. Frequency of crystal oscillator : 32,768Hz (Hz=Hertz...Cycles per second)
2. Loss/gain (monthly rate) : Less than 30 seconds when the watch is worn on the wrist at a temperature between 5°C and 35°C
3. Operational temperature range : -5°C ~ +50°C (0°C ~ +50°C for the display)
4. Display medium : Nematic Liquid Crystal, FEM (Field Effect Mode)
5. Battery : Miniature silver oxide battery 5B-T55, 1 piece
6. Battery life : Approx. 2 years
7. Illuminating light : Electroluminescent panel
8. IC (Integrated Circuit) : Oscillator, frequency divider and driving circuit (C-MOS-LSI), 1 piece

DISPLAY AND BUTTON OPERATION



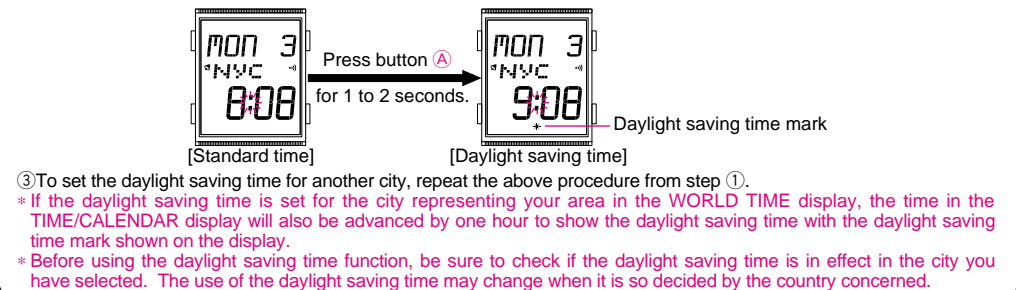
● By pressing button B in each display, the light illuminates the display for 2 seconds for easy viewing in the dark.
● How to read the calendar (Month, date and day)
With each press of button D in the TIME/CALENDAR display, the display changes over in the following order.

HOW TO SET THE TIME/CALENDAR



HOW TO USE THE WORLD TIME FUNCTION

The time of 38 cities in different time zones throughout the world can be displayed.
The city names are represented by the first three letters of their spelling.
● Refer to " TIME DIFFERENCES".
● The daylight saving time (summer time) can be set for each city.
● How to use the world time function
1. Press button A to show the WORLD TIME display.

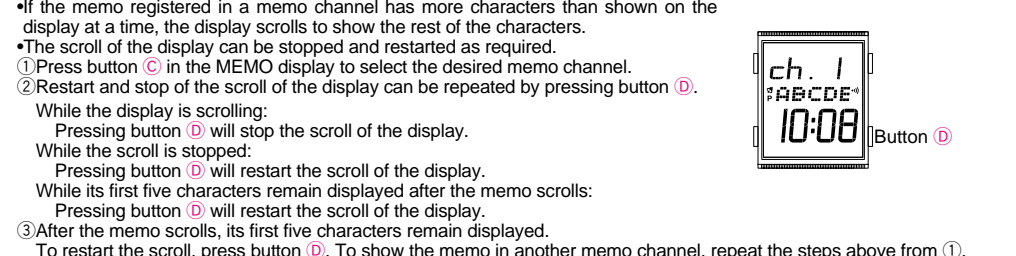


TIME DIFFERENCES

Table with 4 columns: Abbreviated city name, Name of city or area, Time difference from GMT, Use of daylight saving time. Lists 38 cities like London, Paris, Milan, Berlin, etc.

HOW TO USE THE MEMO FUNCTION

A 5-channel memo function is provided to register a memo in each channel for display. Up to 40 characters including alphabets, numerals and symbols can be entered for each channel.
● How to show the memos
1. Press button A to show the MEMO display.

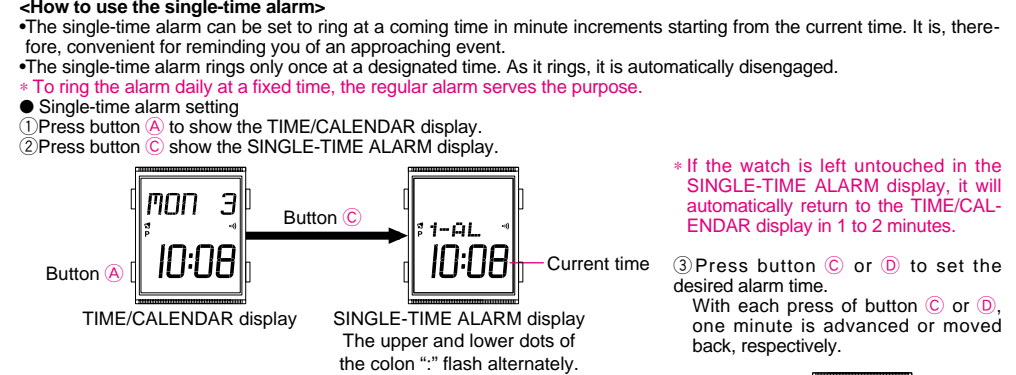


● How to enter the memo
1. Press button A to show the MEMO display.
2. Press button C to select one of the five memo channels.
3. Press button A for 1 to 2 seconds to show the MEMO ENTRY display.

Press button A for 1 to 2 seconds to show the MEMO ENTRY display.
Press both buttons C and D at the same time for 3 to 4 seconds.
To erase the memo in another channel, repeat the step above from 1.
● Characters for the memo entry and the order of appearance
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0 / * # + - x = % ! @ ' , . : ; ' _ [] < > & * ~ ^ ~ ^ (Blank space)

HOW TO USE THE ALARM (REGULAR AND SINGLE-TIME ALARMS)

Two types of alarms are available. The regular alarm can be set to ring once every day. The single-time alarm can be set to ring only once at a designated time, and, it is automatically disengaged as it rings.
● How to use the regular alarm
1. Press button A to show the ALARM display.
2. Press button A for 2 to 3 seconds to show the REGULAR ALARM SETTING display.
3. The hour digits start flashing.



When the alarm time has been set, the single-time alarm mark "1-AL" appears on the display, indicating that the single-time alarm is engaged.
● How to use the single-time alarm
1. Press button A to show the TIME/CALENDAR display.
2. Press button C to show the SINGLE-TIME ALARM display.

NECESSARY PROCEDURE AFTER THE BATTERY CHANGE (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.
● How to reset the IC
After the battery is replaced with a new one, be sure to press buttons A, B, C, and D at the same time for 2 to 3 seconds. The display will become blank, and then, "AM 12:00no MON 1 JAN 2001 LON" will be displayed.

REMARKS ON THE BATTERY

NOTES ON THE BATTERY
(1) Battery life
When a new normal battery is installed, this watch operates for approximately 2 years. If the alarm is used for more than 10 second a day and/or the illuminating light for more than 5 seconds a day, the battery life may be less than the specified period.
(2) 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.

- WARNING: Do not remove the battery from the watch.
CAUTION: Never short-circuit, tamper with or heat the battery, or never expose lights up in various manners, providing wide varieties of displays.

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.

TO PRESERVE THE QUALITY OF YOUR WATCH

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.
● 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.
● 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 moist-ure using a soft dry cloth.

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
3. If you develop any skin reactions, take off the watch and consult a doctor immediately.

PLACES TO KEEP YOUR WATCH
● Do not leave the watch in a place where there is strong magnetism or static electricity.
● Do not leave the watch in a hot spring, or do not keep it in a drawer having insecticides inside.

Table with 5 columns: Activity (Swimming, Diving, etc.) and 5 rows: Water Resistance (5 BAR, 10-15-20 BAR, etc.).

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.

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.

PERIODIC CHECK
We suggest that you have your watch checked by ALBA DEALER every 2 or 3 years for oil condition or damage due to water or sweat. After checking the watch, adjustment and repair may be required.
● When replacing the parts please specify "ALBA GENUINE PARTS".
● Be sure to have the gasket and push-pin replaced with new ones by the ALBA DEALER when checking the watch.

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

NOTES ON THE REPLACEMENT PARTS

- 1. If the watch requires service, take it to the retailer from whom the watch was purchased. If the trouble occurs within the guarantee period, submit the certificate of guarantee together with the watch. Guarantee coverage is spelled out in the certificate of guarantee. Please read it carefully and keep the certificate for ready.
2. ALBA 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.)
3. 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.
4. 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 features
1. "VIVIDIGI" has high light-transmissivity and light-reflectance to give a vivid and clear display.
2. The segments for digits and the entire background of the display can be illuminated in various colors.
3. Either the whole display or only the segments are illuminated depending on models.
* Above features of "VIVIDIGI" are embodied differently from model to model.