

ALBA デジタル
取扱説明書
INSTRUCTION

ALBA W525・W526

このたびはアルバデジタルをお買いあげ
いただきありがとうございます。
ご使用前にこの取扱説明書をよくお読み
のうえ正しくご愛用くださいますようお願い
申し上げます。
なお、この取扱説明書はおともに保存し
必要に応じてご覧ください。

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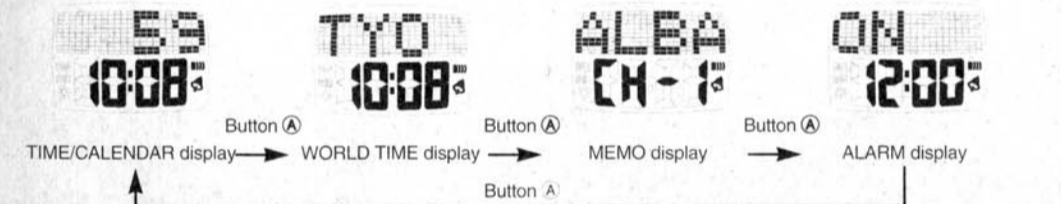
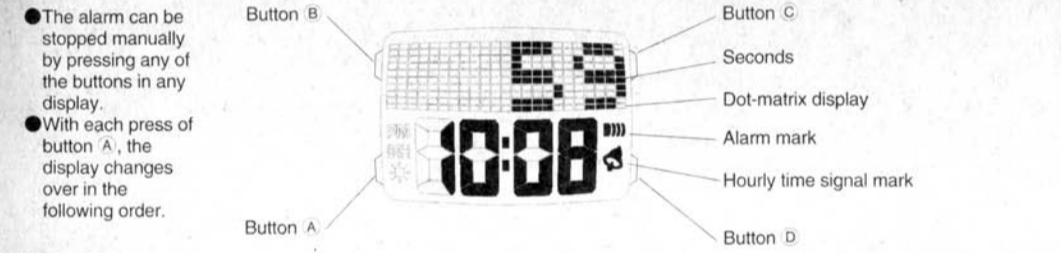
FEATURES

- This watch is equipped with the following functions.
- Time/calendar display function**
The time and calendar (hour, minutes, seconds, month, date and day of the week) of your area are displayed.
- Automatic calendar function.**
The calendar adjusts automatically for odd and even months except February of leap years.
- Alarm function**
The alarm can be set to ring daily on a 24-hour basis. The hourly time signal is also provided. The alarm sound can be tested by keeping the button pressed.
- Memo function**
A 3-channel memo function is provided. Up to 40 characters can be entered in each channel.
- World time function**
The time of 24 cities in different time zones throughout the world can be displayed. The daylight saving time (summer time) can also be shown for each city.

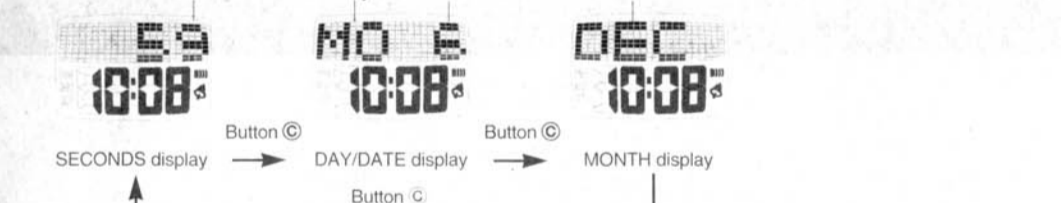
SPECIFICATIONS

- Frequency of crystal oscillator.....32,768Hz
 - 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
 - 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, SR-T14, 1 piece
 - Battery life.....Approx. 2 years (If the illuminating light is used for 1 second a day and/or the alarm sound for 1 second a day)
 - Illuminating light.....Electroluminescent panel
 - IC (Integrated Circuit).....Oscillator, frequency divider and driving circuit (C-MOS-LSI), 1 piece
- *The above specifications are subject to change without prior notice, for product improvement.

DISPLAY AND BUTTON OPERATION



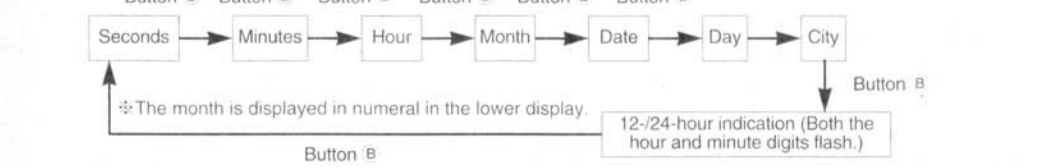
- The alarm can be stopped manually by pressing any of the buttons in any display.
- With each press of button A, the display changes over in the following order:
SECONDS display → DAY/DATE display → MONTH display



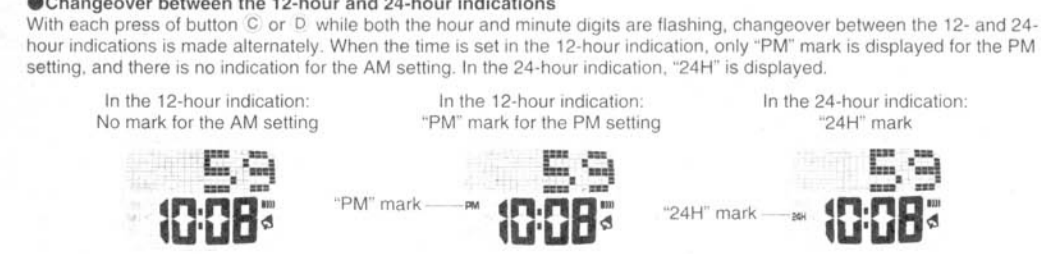
- Demonstration function**
By pressing button B in the TIME/CALENDAR display, the demonstration function is activated, and the memo registered in the "CH-1" scrolls. Pressing button D again will return the display to TIME/CALENDAR.
- Pressing button C to change over the dot-matrix display to another or pressing button A to show the WORLD TIME display will deactivate the demonstration function.

HOW TO SET THE TIME/CALENDAR

- When setting the time/calendar of your area, select the city representing your area. Then, the times of the cities throughout the world, which you can see in the WORLD TIME display, will be set accordingly.
- Press button A to show the TIME/CALENDAR display.
- Press button A for 2 to 3 seconds to show the TIME/CALENDAR SETTING display. The second digits start flashing.
- If the watch is left untouched with the digits flashing, it will automatically return to the TIME/CALENDAR display in 1 to 2 minutes.
- Press button B repeatedly to select the digits to be adjusted (flashing). With each press of button B, selection of the digits to be adjusted (flashing) is made in the following order:
Seconds → Minutes → Hour → Date → Day → City → 12-/24-hour indication (Both the hour and minute digits flash.)



- Press button C or D to set the flashing digits. One digit is increased or decreased with each press or button C or D, respectively. The digits move quickly if the respective buttons are kept pressed. (*To set the seconds, refer to "Seconds setting".)
- Press button A to return to the TIME/CALENDAR display.
Select the city representing your area. For example, if you use the watch in Japan, select "TYO (Tokyo)". For details of the cities covered in the WORLD TIME display and their abbreviations, refer to "TIME DIFFERENCES".



- Seconds setting**
While the second digits are flashing, press button D in accordance with a time signal. The seconds are reset to "00". When the seconds count any number between "30" and "59" and button D is pressed, one minute is added, and the seconds are immediately reset to "00".

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



HOW TO USE THE WORLD TIME FUNCTION

- The time of 24 cities in different time zones throughout the world can be displayed. The daylight saving time (summer time) can be set for each city.
- The name of the selected city is shown in the dot-matrix display, while the current time of the city is shown in the lower display.
- The times of the 24 cities is set on the basis of the time of your area you have set in the TIME/CALENDAR display. Please check, therefore, that the time/calendar of your area has been set accurately in the TIME/CALENDAR SETTING display.
- Press button A to show the WORLD TIME display.
- Press button C or D to select the desired city.
- The time of the selected city is shown in the lower display.



- To set the daylight saving time (summer time)**
The daylight saving time can be set for each city.
- Press button A to show the WORLD TIME display.
- Press button C or D to select the desired city.
- Press button A for 2 to 3 seconds. The daylight saving time mark appears, and the time of the selected city is advanced by one hour from the standard time.
- To show the standard time, press button A again for 2 to 3 seconds.
- 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. The use of the daylight saving time may change when it is so decided by the country concerned.
- If the daylight saving time is set for the city representing your area in the WORLD TIME display, the time in the TIME/CALENDAR display will also be advanced by one hour to show the daylight saving time.

TIME DIFFERENCES

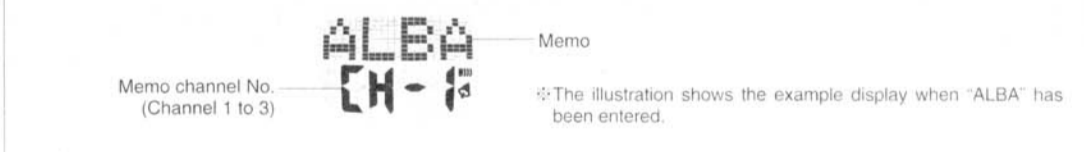
The abbreviated names of the 24 cities and their time differences from the Greenwich Mean Time are listed in the table below.

| Abbreviated city name | Name of city or area | Time difference from GMT | Use of daylight saving time |
|-----------------------|----------------------|--------------------------|-----------------------------|
| LON | London | 0 | ○ |
| PAR | Paris | | ○ |
| ROM | Rome | +1 | ○ |
| BER | Berlin | | ○ |
| IST | Istanbul | +2 | ○ |
| MOW | Moscow | +3 | ○ |
| DXB | Dubai | +4 | |
| KHI | Karachi | +5 | |
| DAC | Dacca | +6 | |
| BKK | Bangkok | +7 | |
| BJS | Beijing | +8 | |
| TYO | Tokyo | +9 | |
| SYD | Sydney | +10 | ○ |
| NOU | Noumea | +11 | |
| WLG | Wellington | +12 | ○ |
| HNL | Honolulu | -10 | |
| ANC | Anchorage | -9 | ○ |
| LAX | Los Angeles | -8 | ○ |
| DEN | Denver | -7 | ○ |
| CHI | Chicago | -6 | ○ |
| NYC | New York | -5 | ○ |
| CCS | Caracas | -4 | ○ |
| RIO | Rio de Janeiro | -3 | ○ |
| PDL | Azores | -1 | ○ |

*The time differences and use of daylight saving time may change in some areas or countries when they are so decided by the countries concerned.

HOW TO USE THE MEMO FUNCTION

A 3-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.

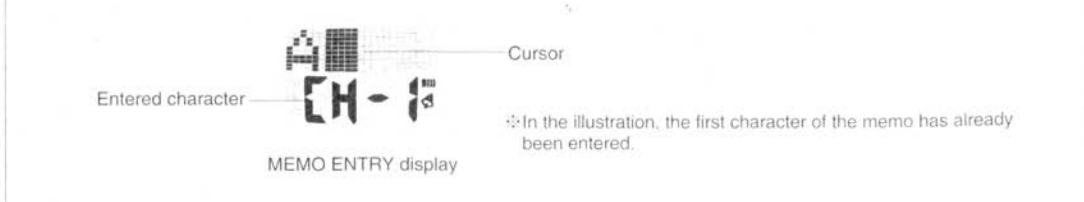


- Press button A to show the MEMO display.
- Press button C to select the desired memo channel. With each press of button C, selection of the memo channel is made one by one in the following order:
CH-1 → CH-2 → CH-3



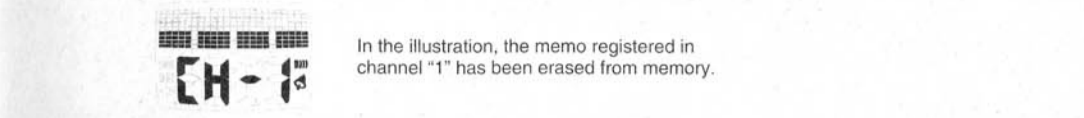
- 1 second after the memo channel is selected, the scrolling memo registered in the selected channel is displayed.

- To stop and restart the scrolling of the memo**
With each press of button B in each memo channel, the memo registered in the channel stops and restarts scrolling repeatedly.
- To enter the memo**
1 Press button A to show the MEMO display.
2 Press button C to select one of the three memo channels. With each press of button C, the memo channel changes over one by one.
3 Press button A for 2 to 3 seconds to show the MEMO ENTRY display. The flashing cursor appears in the dot-matrix display.



- Press button C or D to select the character you wish to enter.
- Press button B to enter the character you have selected. After the character is entered, the cursor moves to the position next to the character you have entered.
- After you have entered all the characters for the memo, press button A to return to the MEMO display.
- If a wrong character has been entered, press button A to return to the MEMO display, and repeat the procedure from step 3 above. After step 3, press button B repeatedly to move the cursor on the wrong character, and proceed with the entry procedure.

- To erase the memo from memory**
The memos registered in each memo channel can be erased independently of one another.
- Press button A to show the MEMO display.
- Press button C to select the memo channel containing the memo you wish to erase.
- Press button A for 2 to 3 seconds to show the MEMO ENTRY display.
- Press both buttons C and D at the same time for 2 to 3 seconds. The display starts flashing to indicate that the memo in the selected channel has been erased from memory.

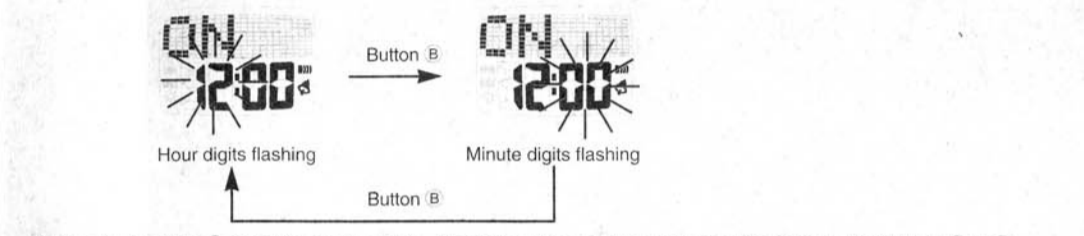


The following characters can be used to enter the memo.
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0 ! ? @ # + * / = %
~ ` ' " < > _ - : ; . , <blank space>

HOW TO USE THE ALARM FUNCTION

The alarm can be set to ring daily on a 24-hour basis. The hourly time signal can also be set to ring every hour on the hour.

- Alarm time setting**
1 Press button A to show the ALARM display.
2 Press button A for 2 to 3 seconds to show the ALARM SETTING display. The hour digits start flashing. (If the watch is left untouched with the digits flashing, it will automatically return to the ALARM display in 1 to 2 minutes.)
3 When setting the hour digits in the 12-hour indication, check that AM/PM is properly set.



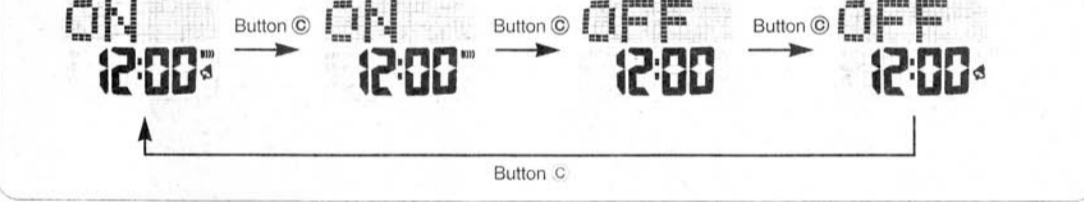
- Press button C or D to set the flashing digits. One digit is increased or decreased with each press of button C or D, respectively. The digits move quickly if the respective buttons are kept pressed.
- Even if the alarm mark is not displayed, it will automatically appear as the alarm time is set.
- When setting the hour digits in the 12-hour indication, check that AM/PM is properly set.
- After all the adjustments are completed, press button A to return to the ALARM display.

- To stop the alarm**
At the designated time, the alarm rings for 20 seconds and stops as the display flashes. To stop it manually, press button A, B, C or D.
- The alarm can be stopped manually in any display by pressing a button.

- Alarm test**
The alarm can be tested by keeping button C pressed in the ALARM display. The alarm sounds while the button is kept pressed.
- The above procedure will also engage or disengage the alarm and hourly time signal, as their respective marks appear or disappear accordingly. Refer to "Engagement/disengagement of the alarm and hourly time signal" to engage/disengage them as required.

- Engagement/disengagement of the alarm and hourly time signal**
With each press of button C in the ALARM display, the engagement and disengagement of the alarm and hourly time signal are made as follows, as the alarm and hourly time signal marks appear and disappear accordingly.

Both alarm and hourly time signal ring. / Alarm rings and hourly time signal will not ring. / Neither alarm nor hourly time signal rings. / Alarm will not ring and hourly time signal rings.



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 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 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. 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:
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.

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3. 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.
- 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

| | Designed and manufactured to withstand the water in a daily long such as splash and rain. | Designed and manufactured for swimming and kitchen work. | Shallow diving without a heavy breathing apparatus and bathing. | Gasurie diving using scuba or heliumgas. | Button operation when the watch is wet. |
|---|---|--|---|--|---|
| "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.

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 ALBA DEALER every 2 or 3 years or when the battery is replaced for old 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 "ALBA 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 the ALBA 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.
- If the alarm is used for more than 1 second a day and/or the illuminating light more than once a day, the battery life may be less than the specified period.
- 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 change
1 When replacing the battery, please specify the "ALBA BATTERY" at the retailer from whom your watch was purchased or at an ALBA DEALER.
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.
- 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.

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 te 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, "12:00o0 SU 1 JAN LON" will be displayed.
- After resetting the IC**
Before using the watch, adjust the following display in the order below by referring to the corresponding sections of this instruction manual.
1. Time/calendar
2. Alarm time

NOTE ON THE ELECTROLUMINESCENT PANEL (FOR ILLUMINATING LIGHT)

The electroluminescent panel for illumination of the display loses its luminescence as the battery voltage gets lowered. Also, its luminescence level decreases gradually with use.

*After 120 hours of use, the luminescence 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.

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.

NOTES ON THE REPLACEMENT PARTS

- 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.)
- 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.

NOTE ON VIVIDIGI

- "VIVIDIGI" is a newly developed liquid crystal panel that uses various color combinations of segments and background and lights up in various manners, providing wide varieties of displays.
- Features
① "VIVIDIGI" is excellent in transmitting and reflecting light, giving 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.
④ Above features of "VIVIDIGI" are embodied differently from model to model.