

# ALBA

## INSTRUCTION BOOKLET

CAL. NX02

### ●CHARACTERISTICS

#### 1. Time/calendar display:

- **Analogue display:** Hour, minutes and seconds.
- **Digital display:** Hour, minutes, seconds, date and day of the week.
- **Fully automatic calendar:** Calendar adjusts automatically for odd and even months including February of leap years from the year 1998 to the end of 2048.
- **Time indication:** Changeover between 12- and 24- hour indications is possible.

#### 2. Stopwatch:

Measures up to 23 hours, 59 minutes and 59 seconds in 1/100 second increments for the first hour and in 1-second increments thereafter.

#### 3. Countdown timer:

Up to 9 hours and 59 minutes can be set in minute increments.

#### 4. Single-time alarm:

The single-time alarm can be set to ring only once at the designated time. As it rings, it is automatically disengaged.

#### 5. Regular alarm:

The regular alarm can be set to ring on a 24-hour basis.

• **Hourly time a signal:** Can be set to ring every hour on the hour.

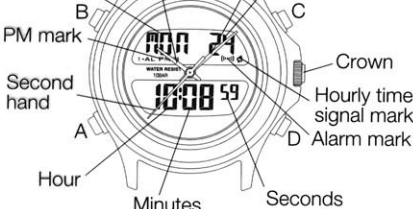
#### 6. Demonstration function:

Each mode is displayed for 2 seconds in order.

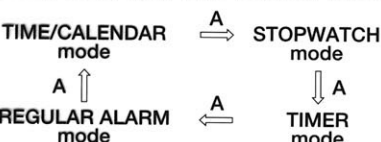
#### 7. Illuminating light:

The light evenly illuminates the display for easy viewing in the dark.

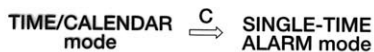
### ●CROWN/BUTTONS AND DISPLAYS



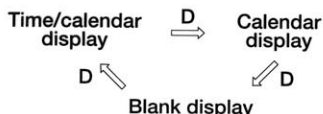
The selection of the mode can be made in the following order with each press of button "A".



By pressing button "C" in the TIME/CALENDAR mode, the SINGLE-TIME ALARM mode is shown.



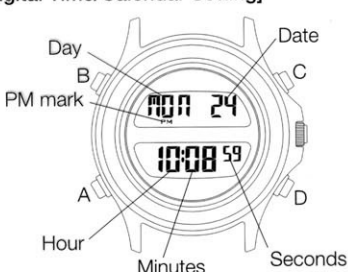
With each press of button "D" in the TIME/CALENDAR mode, the display changes over in the following order.



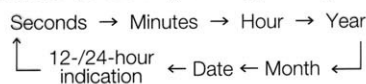
### ●HOW TO SET THE TIME/CALENDAR

- Before setting the analogue time, be sure to set the digital time.

#### [Digital Time/Calendar Setting]



1. Press button "A" to show the TIME/CALENDAR mode.
2. Press button "A" for 2 to 3 seconds to show the time/calendar setting display. A beep sounds for 1 second, and the second digits start flashing.
3. Selection of the digits to be adjusted (flashing) is made in the following order by pressing button "C".



4. Press button "D" to set the flashing digits. One digit is advanced with each press of button "D". Digits except seconds and 12-/24-hour indication move quickly by keeping button "D" pressed.
5. After all the adjustments are completed, press button "A" to return to the TIME/CALENDAR mode. A beep sounds for 1 second.

#### Seconds setting

When the seconds digits are flashing, press button "D" in accordance with a time signal. The seconds are reset to "00" and start immediately. When the seconds count any number from "30" to "59" and button "D" is pressed, one minute is added and the seconds are immediately reset to "00".

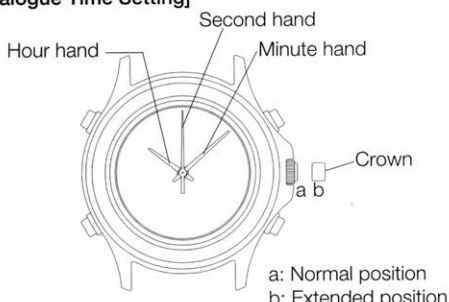
#### 12-/24-hour indication setting

Changeover between 12- and 24-hour indications is made alternately with each press of button "D".

#### Notes:

1. When setting the hour digits in the 12-hour indication, check that AM/PM is properly set. Only "PM" mark is displayed and there is no indication for the AM setting. In the 24-hour indication, "24H" is displayed.
2. Once the year, month and date have been set, the day of the week is set automatically.

#### [Analogue Time Setting]



1. Pull out the crown when the second hand is at the 12 o'clock position.
2. Turn the crown to set the hour and minute hands.
3. Push the crown back in to the normal position when the second digits count "00" in the digital display.

### ●HOW TO USE THE STOPWATCH

- The stopwatch can measure up to 23 hours, 59 minute and 59 seconds in 1/100 second increments for the first hour and in second increments thereafter.
- \* Even if the STOPWATCH mode is changed to another while the measurement is in progress, it continues counting properly. After the stopwatch is used, however, be sure to reset it as the battery energy is consumed enormously to shorten the battery life.



#### Stopwatch Operation

Press button "A" to show the STOPWATCH mode.

#### Accumulated elapsed time measurement

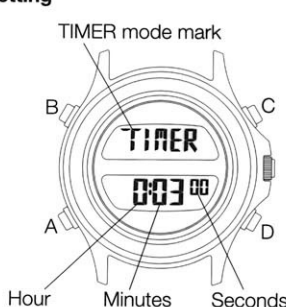


Accumulate repeatedly by pressing button "C".

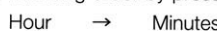
### ●HOW TO USE THE COUNTDOWN TIMER

- The timer can be set up to 9 hours and 59 minutes in minute increments.
- The remaining time is displayed in seconds.
- \* If the time set previously remains displayed, press button "D" to reset the digits to "0:00:00" before setting the desired time.
- \* Even if the TIMER mode is changed to another while the measurement is in progress, it continues counting properly. After the timer is used, however, be sure to reset it as the battery energy is consumed enormously to shorten the battery life.

#### Timer setting



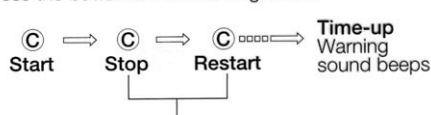
1. Press button "A" to show the timer display.
2. Press button "A" for 2 to 3 seconds to show the adjustable timer setting display. A beep sounds for 1 second, and the hour digits start flashing.
3. Selection of the digits to be adjusted (flashing) is made in the following order by pressing button "C".



4. Press button "D" to set the digits. One digit is advanced with each press of the button. The digits move quickly by keeping the button pressed.
5. After all the adjustments are completed, press button "A" to return to the TIMER mode. A beep sounds for 1 second.

#### Timer operation

Press the button in the following order.

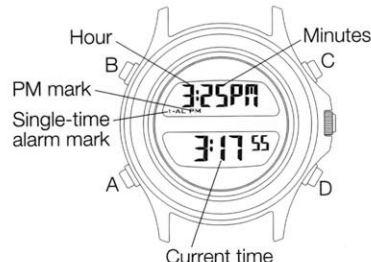


Restart and stop of the timer can be repeated by pressing button "C".

- \* When the set time is up, a warning sound beeps for 10 seconds. To stop it manually, press any of the buttons.

### ●HOW TO SET THE SINGLE-TIME ALARM

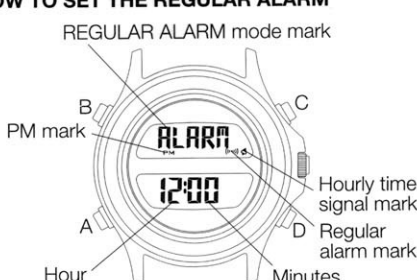
- The single-time alarm can be set to ring only once at the designated time. As it rings, it is automatically disengaged.
- The alarm time can be set in minute increments starting from the current time.



1. Press button "C" in the TIME/CALENDAR mode to show the SINGLE-TIME ALARM mode.
2. Press button "C" or "D" to set the desired alarm time. The single-time alarm mark "1-AL" is displayed and the alarm is automatically engaged.
3. To return to the TIME/CALENDAR mode, press button "A".

- \* To cancel the alarm time you have set, press buttons "C" and "D" at the same time, or press button "C" or "D" to set the alarm time to the current time.
- \* The alarm rings at the designated time for 20 seconds. To stop it manually, press any of the buttons.

### ●HOW TO SET THE REGULAR ALARM



1. Press button "A" to show the REGULAR ALARM mode.
2. Press button "A" for 2 to 3 seconds to show the regular alarm setting display. A beep sounds for 1 second, and the hour digits start flashing.
3. Press button "C" to select the digits to be adjusted (flashing).

(see next page)

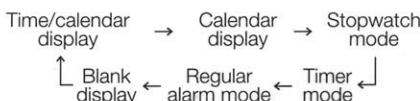
- Press button "D" to set the digits. One digit is advanced with each press of the button. The digits move quickly by keeping the button pressed.
- After all the adjustments are completed, press button "A" to return to the REGULAR ALARM mode. A beep sounds for 1 second.

**Notes:**

- When the time function is displayed in the 24-hour indication, the alarm is also displayed in the 24-hour indication.
- When setting the hour digits in the 12-hour indication, check that AM/PM is properly set. Only "PM" mark is displayed and there is no indication for the AM setting. In the 24-hour indication, "24H" is displayed.

**DEMONSTRATION FUNCTION**

- Press button "D" for 2 to 3 seconds in the TIME/CALENDAR mode to activate the demonstration function.
- The modes and displays are shown for 2 seconds automatically in the following order.



- To deactivate the demonstration function, press any of the buttons. The watch returns to the TIME/CALENDAR mode.

**Engagement/disengagement of the regular alarm and hourly time signal**

With each press of button "C" in the REGULAR ALARM mode, the engagement and disengagement of the regular alarm and hourly time signal are made as follows.

- Alarm mark
- Hourly time signal mark

1	Alarm mark	Alarm engaged
2	Hourly time signal mark	Hourly time signal engaged
3	Alarm mark & Hourly time signal mark	Both engaged
4		Neither engaged

- At the designated time, the alarm rings for 20 seconds and stops. To stop it manually, press any of the buttons.
- The alarm can be tested by keeping button "C" pressed in the REGULAR ALARM mode.

**ILLUMINATING LIGHT**

- When button "B" is pressed and released in any of the modes and displays, the light illuminates the display for 3 seconds for easy viewing in the dark. The display remains illuminated if button "B" is kept pressed.
- When button "B" is pressed in the calendar or blank display of the TIME/CALENDAR mode, the time/calendar is shown while the display is illuminated.



**CARE 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.	5 BAR.	○	○	×	×	○
	10 - 15 - 20 BAR.	○	○	○	×	○

Designed and manufactured to withstand the water usually experienced in a daily living such as splashes and rain.	Designed and manufactured for swimming and kitchen work.	Shallow diving without a heavy breathing apparatus and bathing.	Genuine diving using scuba or helium gas.	Button operation when the watch is wet.

**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.

**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.
- 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.

**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.

**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 ALBA 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 "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 two years. However, if the alarm is used for more than once a day, the illuminating light more than 3 times a day, and/or the confirmation sound more than 50 times 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 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**
  - When replacing the battery, please specify the "ALBA BATTERY" at the retailer from whom your watch was purchased or at an ALBA DEALER.
  - 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 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.