

# INSTRUCTION MANUAL

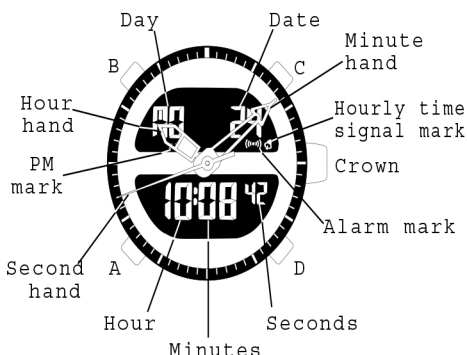
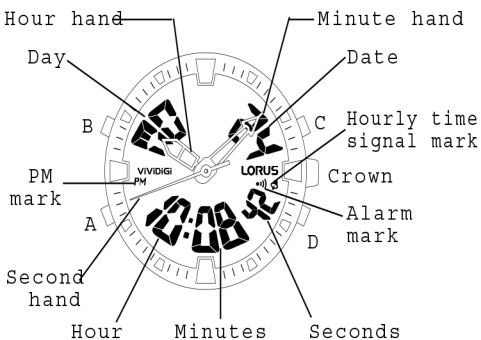
CAL. NX02 (RZ1 SERIES)  
CAL. NX03 (RB5 SERIES)

## ■ CHARACTERISTICS

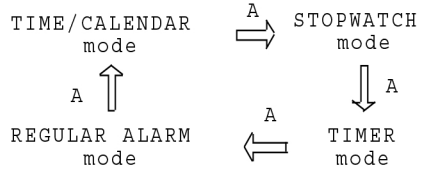
- Time/calendar display:
  - Analogue display: Hour, minutes and seconds.
  - Digital display: Hour, minutes, seconds, date and day of the week.
  - Fully automatic calendar: Calendar adjusts automatically for odd and even months including February of leap years from the year 1998 to the end of 2048.
  - Time indication: Changeover between 12- and 24-hour indications is possible.
- Stopwatch: Measures up to 23 hours, 59 minutes and 59 seconds. 0.1-second increments for the first hour and in 1-second increments thereafter.
- Countdown timer: Up to 9 hours and 59 minutes can be set in minute increments.
- 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.
- Regular alarm: The regular alarm can be set to ring on a 24-hour basis.
  - Hourly time signal: Can be set to ring every hour on the hour.
- Demonstration function: Each mode is displayed for 2 seconds in order.
- Illuminating light: The light evenly illuminates the display for easy viewing in the dark.

## ■ CROWN/BUTTONS AND DISPLAYS

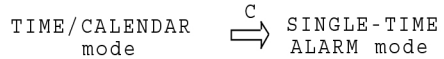
\*The design of the liquid crystal panel differs depending on the model, though the functions and method of operation are the same.



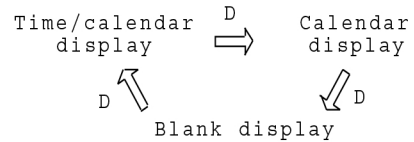
The selection of the mode can be made in the following order with each press of button "A".



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



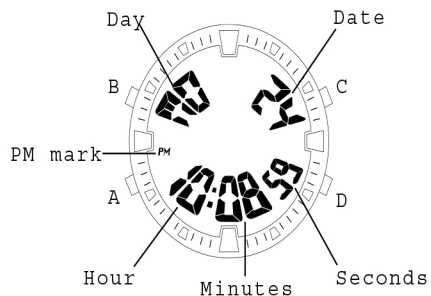
With each press of button "D" in the TIME/CALENDAR mode, the display changes over in the following order.



## ■ HOW TO SET THE TIME/CALENDAR

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

[Digital Time/Calendar Setting]



- Press button "A" to show the TIME/CALENDAR mode.
- 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.
- Selection of the digits to be adjusted (flashing) is made in the following order by pressing button "C".  
Seconds → Minutes → Hour → Year  
12-/24-hour indication ← Date ← Month
- 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.
- 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".

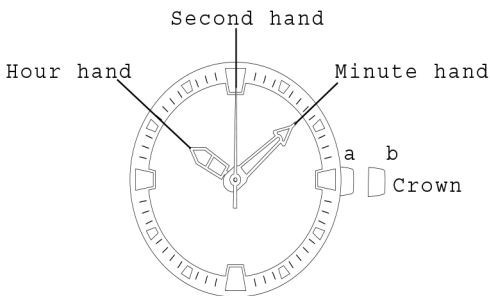
### 12-/24-hour indication setting

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

### Notes:

- 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.
- Once the year, month and date have been set, the day of the week is set automatically.

Analogue Time Setting]



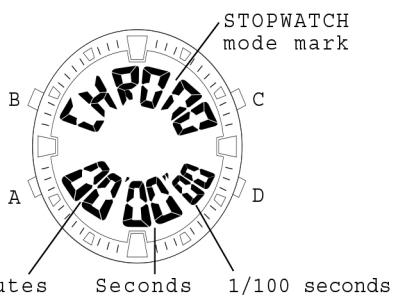
a: Normal position  
b: Extended position

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

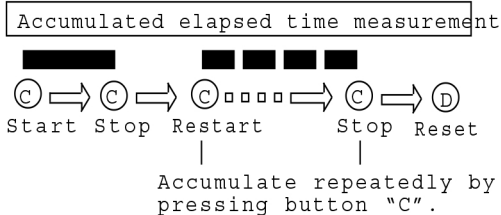
- The stopwatch can measure up to 23 hours, 59 minutes and 59 seconds. Increments for the first hour and in second increments thereafter.

\*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

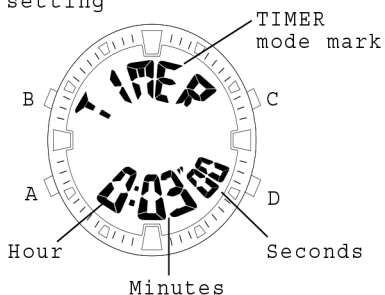
Press button "A" to show the STOPWATCH mode.



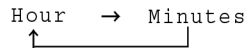
■ HOW TO USE THE COUNTDOWN TIMER

- 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

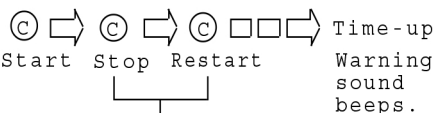


1. Press button "A" to show the TIMER mode.
2. Press button "A" for 2 to 3 seconds to show the timer setting display. A beep sounds for 1 second, and the hour digit starts flashing.
3. Selection of the digits to be adjusted (flashing) is made in the following order by pressing button "C".



Timer operation

Press the button in the following order.

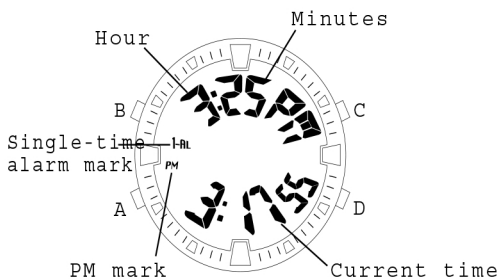


Restart and stop of the timer can be repeated by pressing button "C".

\*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.

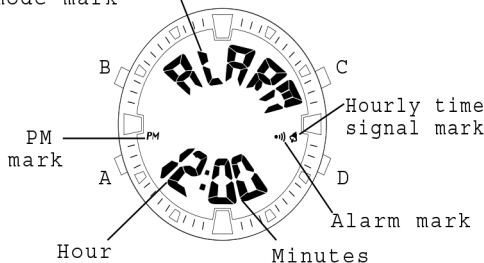
\* One minute is advanced or moved back with each press of button "C" or "D", respectively. The digits move quickly by keeping the respective buttons pressed.

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

REGULAR ALARM mode mark



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).
 

Hour → Minutes  
 ↑            ↓
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 REGULAR ALARM mode. A beep sounds for 1 second.

- Notes:
1. When the time function is displayed in the 24-hour indication, the alarm is also displayed in the 24-hour indication.
  2. 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.

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.

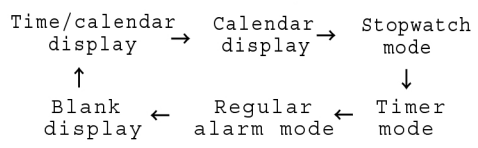
- Alarm mark      Hourly time signal mark

1	••)	Alarm engaged
2	🔔	Hourly time signal engaged
3	••) 🔔	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.

### ■ DEMONSTRATION FUNCTION

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



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

### ■ LUMIBRITE WATCH

(dial, hands, buttons, case, bezel, strap, etc.)



\* If your watch is a LORUS LUMIBRITE watch, it has following features.

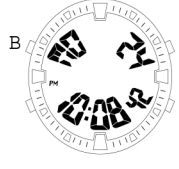
LORUS LUMIBRITE watches absorb and store light energy from natural and artificial light sources and emit light in the dark. They are made of environmentally friendly material, and therefore, are harmless to human beings and the environment.

- With a full charge, LORUS LUMIBRITE watches glow in the dark hours longer than conventional luminous watches of this type. If exposed to a light of more than 500 lux (i.e., the brightness of a typical office) for approximately 10 minutes, or direct sunlight for 2 minutes, they will glow for hours.

- Since LORUS LUMIBRITE watches emit the light they store, the brightness will decrease gradually over time. The length of time they will glow may also differ slightly depending on such factors as the brightness of and distance from the light source used to charge the watch.

### ■ 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.



### ■ ViViDiGi

ViViDiGi is a new type of liquid crystal panel that makes possible various colors and high contrast.

- Excellent light reflection and transmission make the display bright and clear.
- Various color options are available.
- Either the whole panel or the displayed data only can be illuminated.
- \* Features vary in different models.



### ■ BATTERY CHANGE

The miniature lithium batteries SONY SR626SW for analogue display and SONY SR41W for digital display, which power your watch should last approximately 2 years. However, because they are inserted at the factory, the actual life of the batteries once in your possession may be less than the specified period. Be sure to replace the batteries to prevent any possible malfunction as soon as they run down. To replace the batteries, we recommend taking the watch to a local watch repair shop.

Note: If the alarm is used for more than 10 seconds a day and/or the illuminating light for more than once (for 3 seconds) a day, the battery life may be less than the specified period.

### ■ CARE OF YOUR LORUS WATCH

#### • BATTERY

CAUTION

Do not expose the old battery to fire or recharge it. Keep it at a place beyond the reach of children. If a child swallows it, consult a doctor immediately.

#### • WATER RESISTANT

Condition of use	Accidental contact with water, such as splashes and rain	Swimming and showering	Skin diving	Scuba diving
Indication on the dial/case back				
No indication	NO	NO	NO	NO
WATER RESISTANT	YES	NO	NO	NO
WATER RESISTANT (50 M/5 BAR)*	YES	YES	NO	NO
WATER RESISTANT (100 M/10 BAR or above)	YES	YES	YES	NO

\* If your watch is a LORUS LUMIBRITE watch, it has following features.

- \* If your watch is 200 M/20 BAR, 100 M/10 BAR or 50 M/5 BAR water resistant, it is so indicated on the dial/case back.
- Do not operate the crown and buttons when the watch is wet.
- If the watch is exposed to salt water, rinse it in fresh water and then wipe it thoroughly dry.

Caution:

Leather straps are not water resistant except so indicated, even if the watch head is water resistant.

- ALLERGIC REACTION

Because the case and band touch the skin directly, it is important to clean them regularly. If not, shirt sleeves may be stained and those with delicate skin may develop a rash. Please wear the watch with some play to avoid any possible allergic reaction. If you develop a rash on your wrist, stop wearing and consult a physician.

- MAGNETISM

Your watch will not be affected by magnetism generated by household electric appliances.

- SHOCKS AND VIBRATIONS

Your watch may be worn for normal sports activities, but be careful not to drop it or hit it on hard surfaces.

- TEMPERATURE

Your watch is preadjusted so that constant accuracy may be insured at normal temperature.

## ■ SERVICE

When your LORUS watch requires repair or servicing, please see the enclosed WARRANTY/GUARANTEE.