

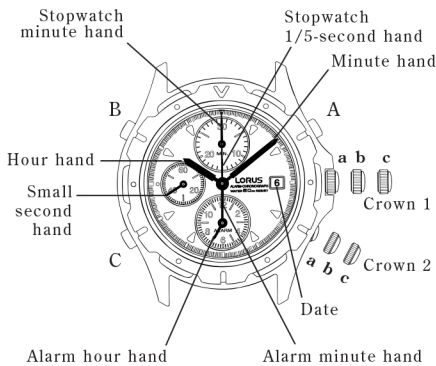
INSTRUCTION MANUAL

CAL. Y182 (RSZ SERIES)

■ CHARACTERISTICS

- Time:** Indicated by the hour, minute and small second hands.
- Date:** Displayed in numerals.
- Alarm:** Set on a 12-hour basis with two small hands displaying the designated alarm time.
- Stopwatch:** Measures up to 30 minutes in 1/5 second increments.
 - **Split time measurement**
- Battery life indicator:** The small second hand moves at two-second intervals when the battery needs to be replaced.

■ DISPLAY AND CROWN OPERATION



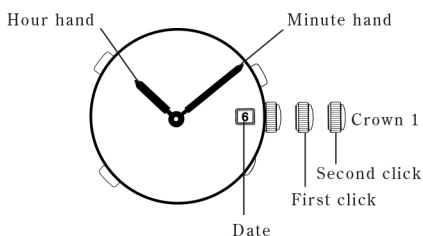
Crown 1

- Normal position: Free
- First click : Setting the date by turning Crown 1 clockwise
- Second click :
 - Setting the time
 - Adjusting the stopwatch hand position

Crown 2

- Normal position: Free
- First click : Alarm engagement
- Second click : Setting the alarm hands to the current time

■ HOW TO SET THE DATE



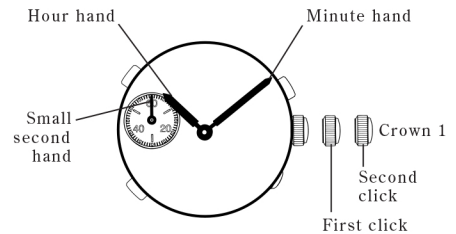
- Pull out Crown 1 to the first click.
- Turn Crown 1 clockwise until the previous day's date appears.
- Pull out Crown 1 to the second click, and advance the hour and minute hands until the desired date appears.
- Push Crown 1 back into the normal position.

Note:

Do not set the date between 9:00 p.m. and 1:00 a.m. Otherwise, the date may not change properly.

* If it is necessary to set the date during that time period, first change the time to any time outside it, set the date and then reset the correct time.

■ HOW TO SET THE TIME



- Pull out Crown 1 to the second click when the small second hand is at the 12 o'clock position. The small second hand stops on the spot.
- Turn Crown 1 to set the hour and minute hands to the desired time.
- Push Crown 1 back in to the normal position in accordance with a time signal.

Notes:

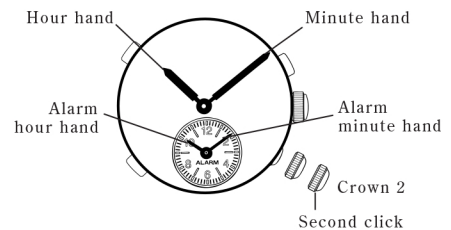
- When setting the hour hand, be sure to check that AM/PM is correctly set. The watch is so designed that the date changes once in 24 hours.
- When setting the minute hand, first advance it 4 to 5 minutes ahead of the desired time and then turn it back to the exact minute.

■ HOW TO USE THE ALARM

- The alarm time is set on a 12-hour basis.
- The alarm hands move independently of the center hands.

Adjustment of alarm hands

Before setting the alarm, first set the alarm hands to the current time indicated by the center hands.

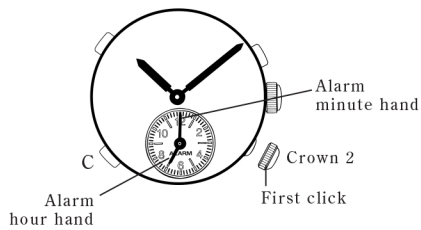


- Pull out Crown 2 to the second click. A beep sounds for one second.
- Turn Crown 2 to set the alarm hands to the time indicated by the center hour and minute hands.
- Push Crown 2 back in to the normal position.

Note:

When setting the alarm minute hand, first advance it 4 to 5 minutes ahead of the current time and then turn it back to the exact minute.

Alarm time setting



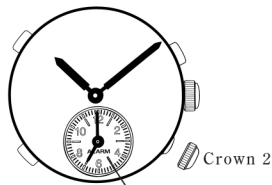
1. Pull out Crown 2 to the first click.
2. Press button "C" repeatedly to set the desired alarm time.
 - * With each press of button "C", the alarm hands move one minute. They move quickly if the button is kept pressed.
3. Push Crown 2 back in to the normal position.

Note:

If Crown 2 is pulled out to the first click within one minute after being pushed back in to the normal position, the alarm sounds.

Alarm engagement/disengagement

- To engage the alarm, pull out Crown 2 to the first click.

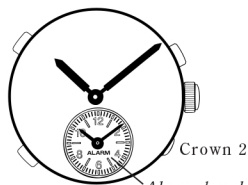


Alarm hands indicate the designated alarm time.

- * The alarm rings at the designated time for 20 seconds.

To stop it manually, press any one of the buttons, or push Crown 2 back in to the normal position.

- To disengage the alarm, push Crown 2 back in to the normal position.



Alarm hands indicate the current time.

Note:

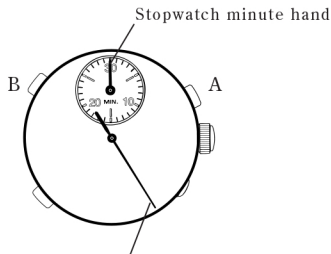
If Crown 2 is pulled out to the second click, the designated alarm time is canceled with a beep.

- * In that case, set the alarm hands to the time indicated by the center hands again, push Crown 2 back in to the normal position, and then, pull it out to the first click and set the desired alarm time again.

- * However, if Crown 2 is pushed back in to the normal position before the warning beep stops, the designated alarm time will not be canceled.

■ HOW TO USE THE STOPWATCH

- The stopwatch can measure up to 30 minutes in 1/5 second increments.
- After 30 minutes, it will start counting again from "0" repeatedly up to 6 hours.



Stopwatch 1/5-second hand

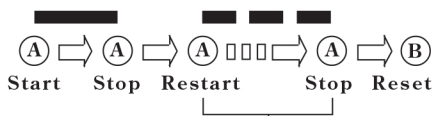
★ Before using the stopwatch, be sure to check that Crowns 1 and 2 are set at the normal position, and press button "B" to reset the stopwatch hands to "0" position.

Stopwatch operation

Standard measurement



Accumulated elapsed time measurement



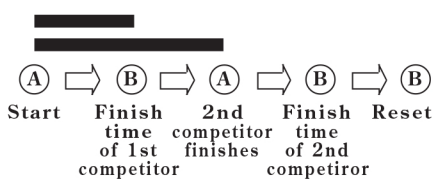
* Restart and stop of stopwatch can be repeated by pressing button "A".

Split time measurement



* Measurement and release of split time can be repeated by pressing button "B".

Measurement of two competitors

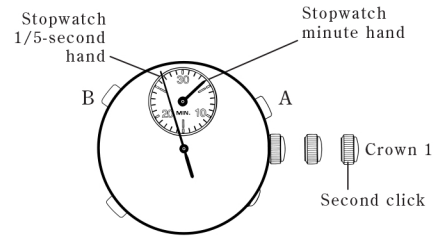


Notes on crown operation while the stopwatch is in use:

1. If Crown 1 is pulled out to the second click, the stopwatch hands are reset to "0" position.
2. If Crown 2 is pulled out to the first or second click, the stopwatch hands are reset to "0" position.
3. When the stopwatch has been reset and button "A" is pressed before the hands reach "0" position, the stopwatch still starts counting when button "A" is pressed.

■ ADJUSTING THE STOPWATCH HAND POSITION

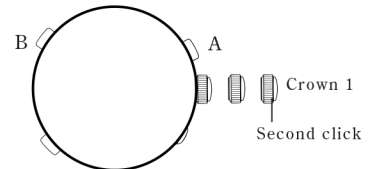
- If the stopwatch hands will not return to the "0" position when the stopwatch is reset or when the battery is replaced with a new one, follow the procedure below to reset the hands.



1. Pull out Crown 1 to the second click.
2. Press button "A" repeatedly to reset the stopwatch minute hand to the "0" position. Press button "B" repeatedly to reset the stopwatch 1/5-second hand to the "0" position.
 - * The hands move quickly if the respective buttons are kept pressed.
3. Push Crown 1 back in to the normal position.
 - * After adjusting the hand position, set the time.

■ RESETTING THE BUILT-IN IC

- In case any of the hands should move improperly, follow the procedure below to adjust the hand movement.



1. Pull out Crown 1 to the second click.
2. Press buttons "A" and "B" simultaneously.
3. Push Crown 1 back in to the normal position.
 - * Before using the watch again, be sure to adjust the position of the stopwatch hands and set the time and alarm.

■ 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.

■ BATTERY CHANGE

The miniature battery SEIKO SR927W, Maxell SR927W, SONY SR927W or EVEREADY 399, which powers your watch should last approximately 2 years. However, because it is inserted at the factory, the actual life of the battery once in your possession may be less than the specified period.

Be sure to replace the battery to prevent any possible malfunction as soon as it runs down. To replace the battery, we recommend taking the watch to a local watch repair shop.

Note: If the alarm is used more than once a day and/or the stopwatch more than 20 seconds a day, the battery life may be less than the specified period.

Battery life indicator

When the battery nears its end, the small second hand moves at two-second intervals instead of normal one-second intervals to indicate that the battery needs to be replaced.

* The watch will remain accurate while the second hand is moving at two-second intervals.

• TEMPERATURE

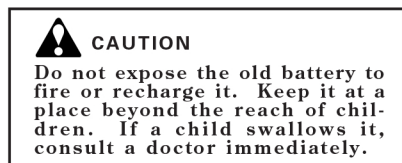
Your watch is preadjusted so that constant accuracy may be insured at normal temperature.

■ SERVICE

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

■ CARE OF YOUR LORUS WATCH

• BATTERY



• WATER RESISTANT

Condition of use Indication on the dial/ case back	Accidental contact with water, such as splashes and rain	Swimming and taking a shower	Skin diving	Scuba diving
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 10 BAR or above)*	YES	YES	YES	NO

* 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 press the buttons or turn the crowns 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.