

Instruction Manual

LORUS

CAL. AS32 (RX3 SERIES)

CAL. AS01 (RY5 SERIES)

LORUS

■ CHARACTERISTICS

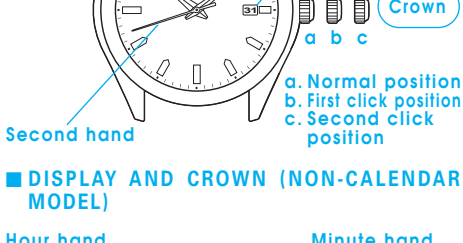
1. Time: Indicated by the hour, minute and second hands.

2. Calendar: Displayed in numerals.

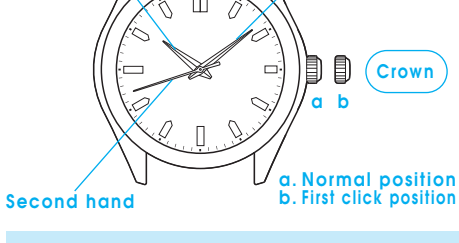
3. Solar charging function

4. Energy depletion forewarning function

■ DISPLAY AND CROWN (CALENDAR MODEL)



■ DISPLAY AND CROWN (NON-CALENDAR MODEL)



SCREW DOWN CROWN

[for models with screw down crown]

Unlocking the crown

- 1 Turn Crown counter-clockwise until you no longer feel the threads turning.
- 2 Crown can be pulled out.

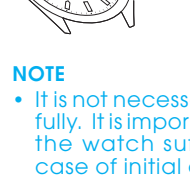


Locking the crown

- 1 Push Crown back in to normal position.
- 2 Turn Crown clockwise while pressing it lightly until tight.



■ HOW TO CHARGE AND START THE WATCH



When you start the watch or when the energy in the rechargeable battery is reduced to an extremely low level, charge it sufficiently by exposing the watch to light.

NOTE

- It is not necessary to charge the watch fully. It is important, however, to charge the watch sufficiently, especially in case of initial charge.

■ GUIDELINES FOR CHARGING TIME

Illumination (Lux)	Light source	Environment	Time required(approx.)		
			Condition		
			A	B*	C
700	Fluorescent lamp	Inside office	-	35 hours	100 mins
3,000		30W 20 cm	60 hours	4 hours	25 mins
10,000	Sunlight	Cloudy weather	20 hours	1.5 hours	8 mins
100,000		Fine weather	5 hours	15 mins	2 mins

The above table provides only general guidelines.

<Reference>

Condition A: Time required for full charge

Condition B : Time required for steady operation

Condition C: Time required for 1 day's charge

* The values in this column represent the charging times required until the second hand moves constantly at 1-second intervals after the watch starts operating with the second hand moving at 2-second intervals.

- Even if the watch is not charged for the time specified in the column, the second hand may temporarily move at 1-second intervals. But it will soon resume moving at 2-second intervals, and therefore, charge the watch for more than the specified period.
- When the watch is fully charged, it will continue to operate for about 4 months.

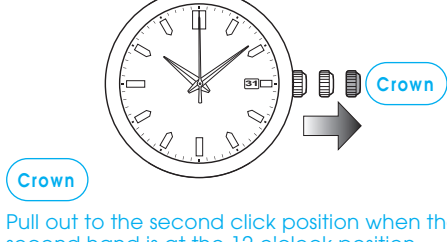


CAUTION

- When charging the watch, do not place it too close to a hot light source such as a photo flash light, spotlight or incandescent light as this can greatly raise the watch temperature.
- When charging the watch by sunlight, do not leave it exposed to the sun for a long time, on the dashboard of a car, etc. as this can greatly raise the watch temperature.
- Make sure the watch temperature does not exceed 50°C while charging, to avoid damage to the parts inside.

■ HOW TO USE CALENDAR MODEL

1. HOW TO SET TIME



Pull out to the second click position when the second hand is at the 12 o'clock position.

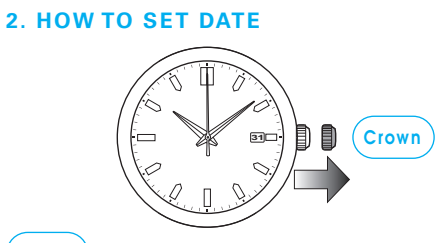
Turn to set the hour and minute hands.

Take AM/PM into consideration when setting the hour and minute hands to the desired time.

When setting the minute hand, advance it 4 to 5 minutes ahead of the desired time and then turn it back to the exact minute(s).

Push back simultaneously with a time signal.

2. HOW TO SET DATE



Pull out to the first click position.

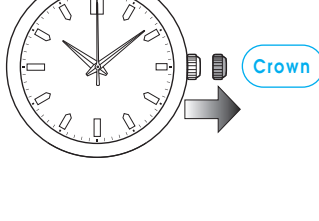
Turn counterclockwise to set the date.

Do not set the date between 9:00 P.M. and 1:00 A.M.

Push back to the normal position.

■ HOW TO USE NON-CALENDAR MODEL

• HOW TO SET TIME



Crown

Pull out to the first click position when the second hand is at the 12 o'clock position.



Turn to set the hour and minute hands.

When setting the minute hand, advance it 4 to 5 minutes ahead of the desired time and then turn it back to the exact minute(s).



Push back simultaneously with a time signal.

■ ENERGY DEPLETION FOREWARNING FUNCTION

- When the energy stored in the rechargeable battery is reduced to an extremely low level, the second hand starts moving at 2-second intervals instead of the normal 1-second intervals.
- In that case, recharge the watch as soon as possible by exposing it to light. Otherwise, the watch may stop operating in about 1 day.

◆ To prevent the energy depletion

- When you wear the watch, try not to keep it covered by your clothes.
- When the watch is not in use, leave it in a bright place as long as possible.

* Make sure that the watch temperature does not exceed 50°C.

■ NOTES ON POWER SUPPLY

- This watch is provided with a rechargeable battery for exclusive use with the watch. Unlike conventional battery-powered watches, therefore, battery replacement is not necessary.
- The solar cell is a clean energy source, having no adverse effect on the natural environment.



CAUTION

Do not remove the secondary battery from the watch.

* About the secondary battery

Replacement of the secondary battery requires professional knowledge and skill. Please ask the retailer from whom the watch was purchased for replacement of the secondary battery.

Installation of an ordinary silver oxide battery can generate heat that can cause bursting and ignition.

■ CARE OF YOUR LORUS WATCH



WARNING

Please note that there is a risk of serious consequences such as severe injury if the following safety regulations are not strictly observed.

- **Immediately stop wearing the watch in following cases.**

- If the watch body or band becomes edged by corrosion etc.
- If the pins protrude from the band.

* Immediately consult the retailer from whom the watch was purchased or LORUS SERVICE NETWORK.

- **Keep the watch and accessories out of the reach of babies and children.**

- Care should be taken to prevent a baby or a child accidentally swallowing the accessories.
- If a baby or child swallows the battery or accessories, immediately consult a doctor, as it will be harmful to the health of the baby or child.

• DEATH or serious injury can occur if ingested.

- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.

• 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 (50M/5 BAR)	YES	YES	NO	NO
WATER RESISTANT (100M/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.



CAUTION

- **Do not operate the 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.**
- **Should you find any water or condensation inside the watch, immediately have it checked. Water can corrode electric parts inside the case.**



CAUTION

This watch contains precise electronic components. Never attempt to open the case or remove the back cover.

• LEATHER BAND

- A leather band is susceptible to discoloration and deterioration from moisture, sweat and direct sunlight.
- Wipe off moisture and sweat as soon as possible by gently blotting them up with a dry cloth.

• Do not expose the watch to direct sunlight for a long time.

• Please take care when wearing a watch with light-colored band, as dirt is likely to show up.

• Refrain from wearing a leather band watch other than Aqua Free bands while bathing, swimming, and when working with water even if the watch itself is water-resistant enforced for daily use (10-BAR/20-BAR water resistant).

• PLASTIC BAND

- As for material characteristics, the band is easily dirtied, and may be stained and discolored. Wipe off dirt with a wet cloth or cleaning tissue.
- Unlike bands of other materials, cracks may result in the band being cut. Take care not to damage the band with an edged tool.

• 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 be adversely affected by strong magnetism. Keep it away from close contact with magnetic objects.

• 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.

• CLEANING

Use only a soft cloth and clean water for cleaning your watch. Never use chemicals, as the waterproof gasket will corrode.

■ SERVICE

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

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