# LORUS

INSTRUCTION MANUAL

## CAL. Y704 (R23 SERIES)

■ CHARACTERISTICS

1. **Time display:** Hour, minutes and seconds.

2. **Calendar display:** Month, date and day of the week.

3. **Automatic calendar adjustment:** Calendar adjusts automatically for odd and even months except February of leap years.

4. **Time indication:** Changeover between 12-hour and 24-hour indications is possible.

5. **Stopwatch:** 24 hour stopwatch with 1/100 second readout up to 30 minutes and with 1 second readout after the first 30 minutes. Split time measurement is available.

6. **Alarm:** The alarm rings at the designated hour and minute for 1 minute.

7. **Snooze function:** The alarm starts ringing again 5 minutes after it is stopped.

8. **Hourly time signal:** Can be set to ring every hour on the hour with a single "beep".

■ DISPLAY AND BUTTON OPERATION
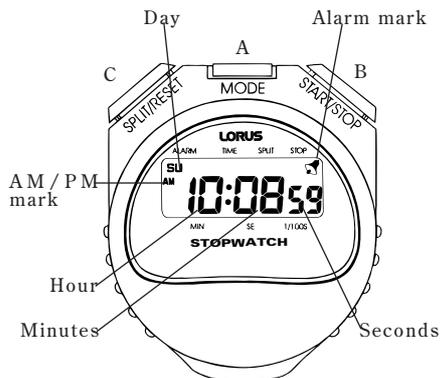
Button A : • Selection of the display.

The selection is made in the following order:
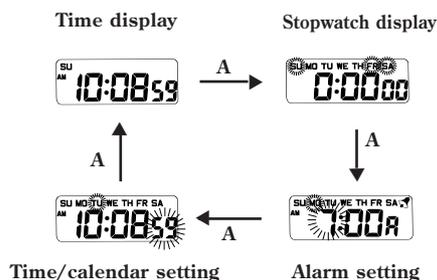
Button B : • Calendar (month, date and day) display in the time display.
• Start/stop in the stopwatch function.
• Setting the digits in the alarm setting and the time/calendar setting functions.
• Activating the snooze function while the alarm is ringing.

Button C : • Alarm display in the time display.
• Split/Split release/Reset in the stopwatch function.
• Selection of the digits to be adjusted in the alarm setting and the time/calendar setting functions.
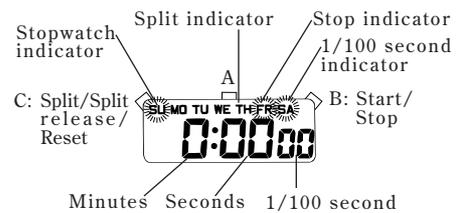• Stopping the alarm in any display.

Button B while keeping button C depressed:
Engagement and disengagement of the alarm in the time display

Button A while keeping button C depressed:
Turning on and off of the hourly time signal in the time display

Buttons B & C:
Alarm test in the time display while keeping the buttons depressed.

■ HOW TO USE THE STOPWATCH

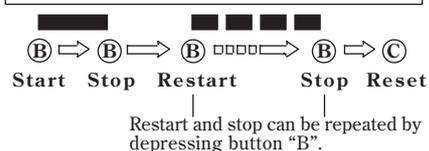① Depress button "A" to show the stopwatch display. (The stopwatch indicator starts flashing.)
The stopwatch can measure up to 24 hours and is displayed in minutes, seconds, and 1/100 seconds up to 30 minutes, and in hours, minutes, and seconds after the first 30 minutes. (The 1/100 second indicator flashes during the first 30 minutes.)
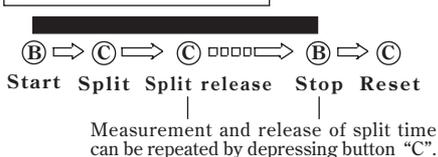When the measurement is over 24 hours, the stopwatch will be reset to "0:00oo" and start counting again.

② Reset the digits to "0:00oo" before using the stopwatch. When the split and the stopwatch indicators are flashing, depress button "B" to check that the stop indicator starts flashing, and then depress button "C" twice to reset the digits to zero.

③ When measuring a long period of time, return the stopwatch to the time display after the stopwatch starts to prevent any possible mistaken operation.

* When button "B" or "C" is depressed in the stopwatch display, a single "beep" sounds to confirm the operation.
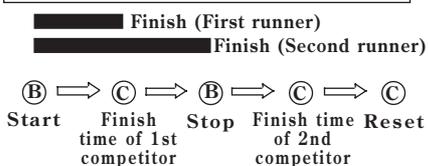
Accumulated elapsed time measurement

Ⓑ ⟹ Ⓑ ⟹ Ⓑ ▫▫▫▫⟹ Ⓑ ⟹ Ⓒ
Start   Stop   Restart   Stop   Reset

Restart and stop can be repeated by
depressing button "B".

Split time measurement

Ⓑ ⟹ Ⓒ ⟹ Ⓒ ▫▫▫▫⟹ Ⓑ ⟹ Ⓒ
Start   Split   Split release   Stop   Reset

Measurement and release of split time
can be repeated by depressing button "C".

Measurement between two competitors

Finish (First runner)
Finish (Second runner)

Ⓑ ⟹ Ⓒ ⟹ Ⓑ ⟹ Ⓒ ⟹ Ⓒ
Start   Finish   Stop   Finish time   Reset
         time of 1st   of 2nd
         competitor   competitor

■ HOW TO SET THE ALARM

Alarm set indicator

Hour   Minutes   "A" (AM)

① Depress button "A" to activate the alarm
   setting function. (The alarm set indicator
   starts flashing.)

② Depress button "C" to activate the "Hour"
   or "Minute" setting. The display changes
   in the following order with each depres-
   sion of button "C".

Hour setting   Minute setting
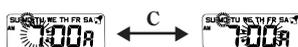
③ One digit (flashing) is advanced with each
   depression of button "B". The digits are
   advanced quickly by keeping button "B"
   depressed.

④ After all the adjustments are completed,
   depress button "A" to return to the time
   display.
   (The display returns directly to the time
   display and not to the time/calendar set-
   ting.)

Note: When setting the hour digits, be sure
       to check that the "A" (AM)/"P" (PM)
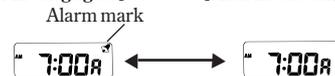   mark is correctly set.

■ HOW TO ENGAGE AND DISENGAGE THE ALARM

① Depress button "C" in the time display to
   show the alarm display. The alarm dis-
   play is shown while button "C" is kept
   depressed.

Alarm display

Hour   Minutes   "A" (AM)
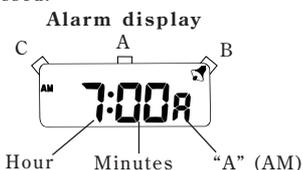
② With each depression of button "B" while
   keeping button "C" depressed, the engage-
   ment and disengagement of the alarm are made
   alternately.

[Alarm engaged]   [Alarm disengaged]
Alarm mark

■ HOW TO STOP THE ALARM

The alarm rings at the designated time for 1
minute and stops. However, the alarm can be
stopped manually by depressing button "C"
in any display.

■ HOW TO USE THE SNOOZE FUNCTION

While the alarm is ringing, depress button
"B". It stops but starts ringing again after 5
minutes. In the same manner, the snooze
function can be activated repeatedly as many
times as necessary thereafter.

■ ALARM TEST

The alarm can be tested with a beeping sound
by depressing buttons "B" and "C" at the
same time in the time display.

■ HOW TO TURN ON AND OFF THE HOURLY TIME SIGNAL

① Depress button "C" in the time display to
   show the alarm display. The alarm dis-
   play is shown while button "C" is kept
   depressed.

② While the alarm display is shown, depress
   button "A". With each depression of the
   button, the day marks appear and disap-
   pear alternately.
   The hourly time signal is turned on while
   the day marks are shown and is turned off
   while they are not.

[Time signal engaged]   [Time signal disengaged]
Day mark

■ HOW TO SET THE TIME/CALENDAR

Time/calendar setting
indicator

① Depress button "A" to activate the time/
   calendar setting function. (The time/calen-
   dar setting indicator and the second digits
   start flashing.)

② Selection of the digits to be adjusted (flash-
   ing) is made in the following order by
   depressing button "C".

Seconds → Minutes → Hour → Date
   ↑   ↓
        Day ← Month ←
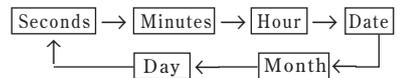
③ One digit (flashing) is advanced with each
   depression of button "B". (The digits ex-
   cept seconds are advanced quickly by keep-
   ing button "B" depressed.)

• **Second setting**
   Depress button "B" 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 "B" is de-
   pressed, one minute is added and the
   seconds are immediately reset to "00".

④ After all the adjustments are completed,
   depress button "A" to return to the time
   display.

Note: When setting the hour digits in the
       12-hour indication, be sure to check
       that the AM/PM mark is correctly set.
       In the 24-hour indication, there is no
       indication.

■ LUMIBRITE WATCH
(dial, hands, buttons, case, bezel, strap, etc.)

LORUS LUMIBRITE

☆ 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 MAXELL SR44W, which powers your watch should last approximately 3 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.

■ 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 / 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 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 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.

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.

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