

# Instruction Manual

# LORUS

**CAL. Y704 (R23 SERIES)**

# LORUS

## ■ CHARACTERISTICS

### 1. Time/Calendar Display

Hour, minute, second, month, date and the day of the week

#### Automatic Calendar Function

The calendar adjusts automatically for odd and even months including Februaries of leap years.

#### Time Display Format

12-hour display format with AM/PM indicator and 24-hour display format are available.

### 2. Stopwatch

The stopwatch can measure up to 9 hours 59 minutes and 59 seconds in 1/100-second increments. The stopwatch features the following functions.

- Standard measurement
- Accumulated Time measurement
- Lap time measurement
- Split time measurement

Maximum 99 lap/split times can be displayed, among which the first 30 lap/split times can be recorded.

#### Memory Recall Function

Each recorded lap/split times can be recalled after measurement is finished.

### 3. Daily Alarm

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

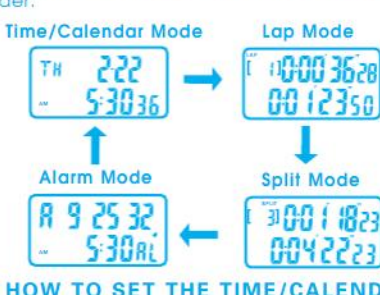
### 4. Illuminating light

The built-in electroluminescent backlight illuminates the display for viewing in darkness.

## ■ BUTTONS AND DISPLAYS



Press Button C to select a display mode. The display mode changes over in the following order.



## ■ HOW TO SET THE TIME/CALENDAR



### 12-hour display only

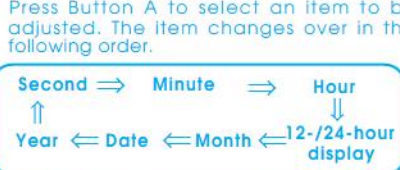
1. Press Button C to go to the Time/Calendar Mode.
2. Press Button B for 2 seconds, the display changes to the Time/Calendar Setting Mode. The second numeral starts flashing, and the year appears in place of the day of the week.

#### Second setting

While the second numeral is flashing, press Button D in accordance with a time signal. The second numeral is reset to "00" and starts counting immediately.

When the second numeral read any number between 30 and 59, and Button D is pressed, one minute is added.

3. Press Button A to select an item to be adjusted. The item changes over in the following order.



- ❖ When an item is selected for adjustment, it starts flashing.

4. Use Button D to adjust each item.

- ❖ For the minute, hour, month, date and year settings, each press of Button D advances the displayed numeral by one. Keep Button D pressed to advance the numeral quickly.

- ❖ For the choice of time display format, each press of Button D selects alternatively 12-hour display or 24-hour display.

- ❖ Press Button A to confirm the adjustment of the selected item and move on to the next item.

5. Upon completion of all necessary adjustments, press Button B to return to the Time/Calendar Mode.

- ❖ Under 12-hour display, an "AM" indicator in the morning and a "PM" indicator from the afternoon are displayed.

- ❖ Once year, month and date are set, the day of the week is automatically set accordingly.

## ■ HOW TO USE THE STOPWATCH

- The stopwatch can measure up to 9 hours, 59 minutes and 59 seconds in 1/100-second increments. When the measurement is over 9 hours 59 minutes 99, the stopwatch will be reset to "0:00'00'00" and start counting again.

### Standard Measurement

Standard time can be measured either in the Lap Mode or in the Split Mode.

1. Press Button C to go to the Lap Mode or Split Mode.

2. Press Button D to start and stop the stopwatch.

3. Press Button A to reset the stopwatch.



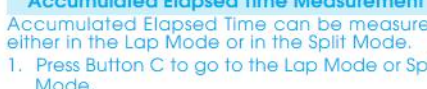
### Accumulated Elapsed Time Measurement

Accumulated Elapsed Time can be measured either in the Lap Mode or in the Split Mode.

1. Press Button C to go to the Lap Mode or Split Mode.

2. Press Button D to start, stop and restart the stopwatch as many times as required.

3. Press Button A to reset the stopwatch.



### Lap/Split Time Measurement

Up to 99 lap/split times can be displayed, among which the first 30 lap/split times can be recorded during each measurement. In order to recall the recorded lap times after measurement, use Memory Recall Function before resetting the stopwatch.

#### Lap Time Measurement



1. Press Button C to go to the Lap Mode.

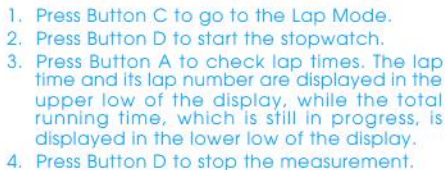
2. Press Button D to start the stopwatch.

3. Press Button A to check lap times. The lap time and its lap number are displayed in the upper low of the display, while the total running time, which is still in progress, is displayed in the lower low of the display.

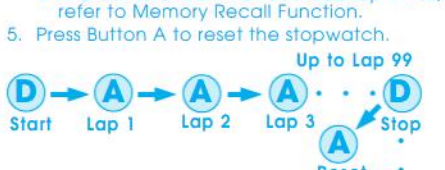
4. Press Button D to stop the measurement.

- ❖ In order to check the recorded lap times, refer to Memory Recall Function.

5. Press Button A to reset the stopwatch.



Up to Lap 99



Reset Memory Recall Function

• Split Time Measurement



1. Press Button C to go to the Split Mode.
2. Press Button D to start the stopwatch.
3. Press Button A to check split times. The split time and its split number are displayed in the upper low of the display, while the total running time, which is still in progress, is displayed in the lower low of the display.
4. Press Button D to stop the measurement.
  - ❖ In order to check the recorded lap times, refer to Memory Recall Function.
5. Press Button A to reset the stopwatch.



Memory Recall Function

1. When lap/split time measurement is finished, press Button B to go to the Memory Recall Display. "RECALL" indicator appears on the display.

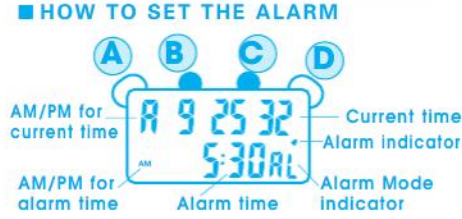


2. Press Button A to read each recorded lap/split time. The recorded lap/split times are shown in order of their lap number. The recorded lap time with its lap number is displayed in the upper low of the display, while the recorded split time is displayed in the lower low of the display.
  - ❖ In order to read the recorded lap/split times in the reverse order, press Button D.
3. Press Button B to exit the Memory Recall Function. The display returns to the previous mode, either the Lap Mode or the Split Mode.
  - ❖ When starting a new game to take new lap/split times, the recorded memories will be automatically replaced by the new ones.

Remarks on Stopwatch Operation

Even if the display is changed from the Stopwatch Mode to another while measurement is in progress, the stopwatch continues timing properly. However, in order to avoid wasting its battery energy, be sure to stop the stopwatch, after measurement is finished.

■ HOW TO SET THE ALARM



1. Press Button C to go to the Alarm Mode. Alarm Mode indicator "AL" appears.
2. Press Button B for 2 seconds to change the display to the Alarm Setting Mode. The hour numeral of the alarm time starts flashing.
3. Use Button D to set the hour.
  - ❖ Each press of Button D advances the displayed numeral by one. Keep the button pressed to advance the numeral quickly.
4. Press Button A to confirm the hour setting and move on to the minute setting. The minute numeral starts flashing.
5. Use Button D to set the minute.
  - ❖ Each press of Button D advances the displayed numeral by one. Keep the button pressed to advance the numeral quickly.
6. Press Button B to complete the alarm setting.
7. Press Button D to engage the alarm. The alarm indicator appears.
8. Upon completion of all necessary adjustments, press Button C to return to the Time/Calendar Mode.

• Alarm engagement/disengagement

Press Button D in the Alarm Mode. Each press of the Button D alternately engages or disengages the alarm. When the alarm is engaged, the alarm indicator appears on the display regardless of the display mode.

	Alarm engaged
	Alarm disengaged

• How to stop the alarm while sounding

The alarm sounds for one minute at the designated time. To stop it manually while sounding, press any button in any display mode.

■ ILLUMINATING LIGHT



Press Button E. The light illuminates the display with 3 seconds delay. Keep Button E pressed to light the display for a longer time.

■ BATTERY CHANGE

The miniature lithium battery Maxell CR2032, 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 2 years. 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 illuminating light is used for longer than 2 seconds per day, the battery life may be shorter than the above specified period.

■ CARE OF YOUR LORUS WATCH

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

• 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

\* 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.

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 WATER RESISTANT	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

- 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:

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

• ALLERGIC REACTION

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/STATIC ELECTRICITY

Your watch will not be affected by magnetism generated by household electric appliances but keep your watch away from a place where the watch is subject to strong electric field and static electricity.

• SHOCKS AND VIBRATIONS

Your watch may be worn for normal sports activities, however, be careful not to drop it or hit it against hard surfaces as it may cause damage.

• 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.