INTRODUCTION OF NEW PRODUCTS

Information on New Products CAL. C240

We, herewith, send the introduction of the new products CAL.C240 under development.

CONTENTS

1. Features of this watch

This watch is a combination watch which has functions of watch, calendar, alarm, stopwatch, timer, dual-time watch and which has an analog watch section and two digital indicator sections.

2. Specifications

Caliber No.:   C240

Type: Combination (Analog + Digital), quartz watch

Accuracy (At normal temperature):   ±20 sec/month

Effective temperature range: 0°C - 55°C (32°F - 131°F)

Functions
• Time/calendar: (Hour, minute, second)/(Month, date, day)
• Alarm
• Stopwatch: 60-minute, 1/100-second unit
• Timer: 60-minute system, 1-minute unit
• Dual time   : Hour, minute

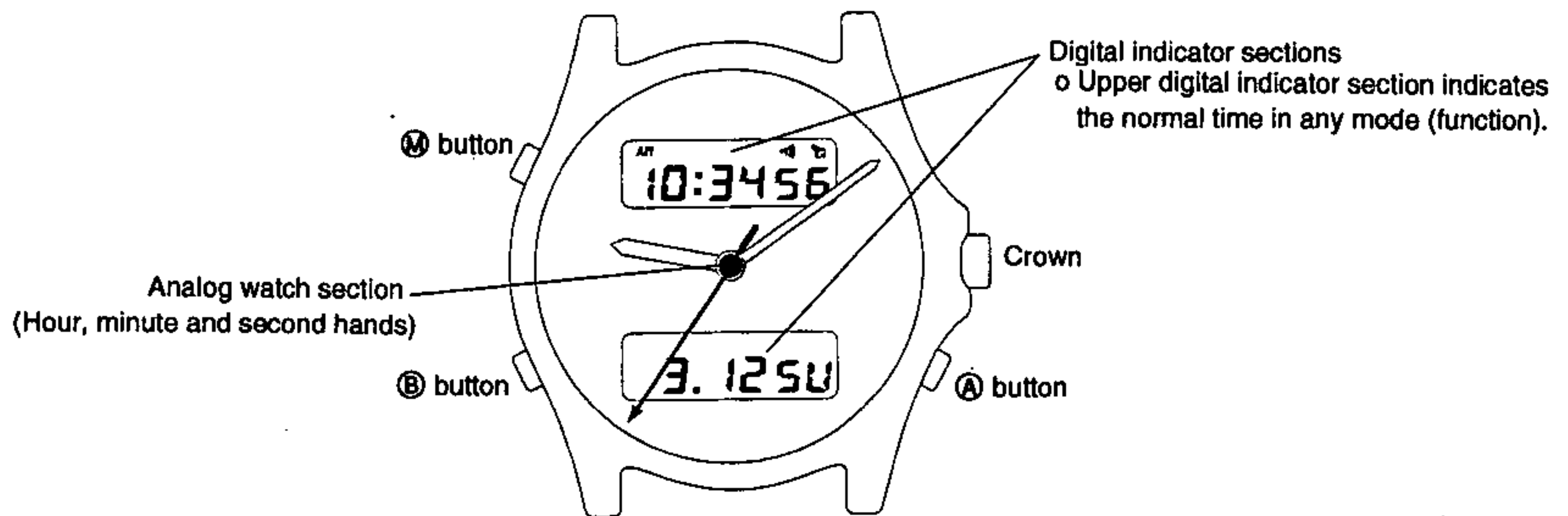Power cell: Power cell No. 280-44 (Power cell code: SR927W)

Lifetime of power cell: Approx. 2 years
(When alarm sound is turned on for 20 seconds/day and time-up sound is turned on 5 seconds/day.)
* A new power cell can maintain the accuracy stably for about 2 years under the normal using condition. The lifetime of the power cell depends on the using frequency of the alarm, stopwatch, etc., however.

* The above specifications are subject to change without prior notice for product improvement.
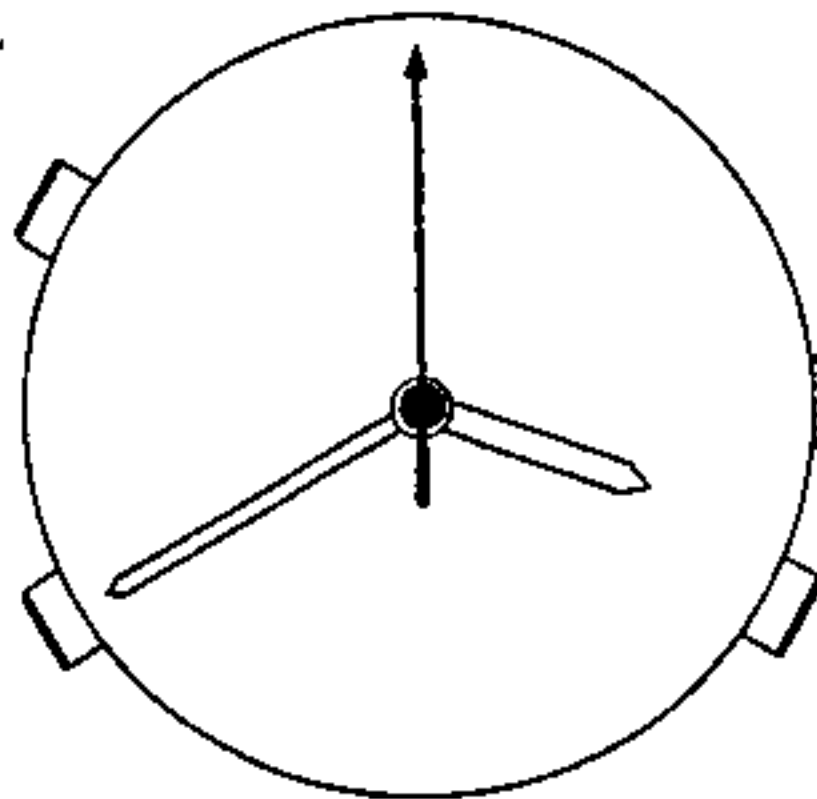
3. Name of each part

button (Ⓜ)

Analog watch section
(Hour, minute and second hands)

Ⓑ button

Digital indicator sections
o Upper digital indicator section indicates
the normal time in any mode (function).

Crown

Ⓐ button

* The detail of specification is different from one model to another.
(Some models have register rings.)

4. How to set analog watch

(1) Pull out the crown to the first click position, and the second hand stops.

(2) Turn the crown to set the time.

(3) Push the crown in to its normal position, and the watch starts.
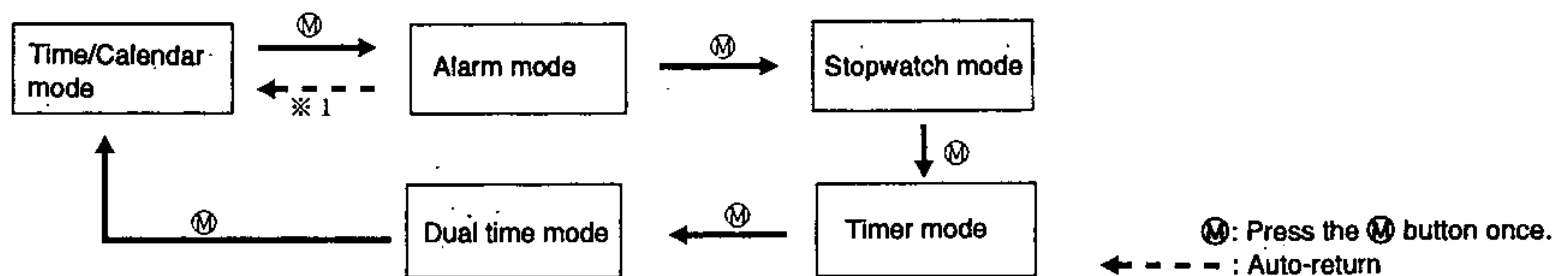

Pull the crown to the first click position (Time correction mode)

Since the analog watch and digital watch can be set to different times, they can be used as a dual-time watch.

5. How to use each function (Digital section)

(1) How to change mode (function)

Each time the Ⓜ button is pressed, the mode is changed. (The upper digital section always indicates the normal time, and only the lower digital section is changed.)

| Time/Calendar mode | → Ⓜ / ← ※1 | Alarm mode | → Ⓜ | Stopwatch mode |

Dual time mode ← Ⓜ ← Timer mode ← ↓ Ⓜ

Ⓜ: Press the Ⓜ button once.
← - - - : Auto-return

※1: If this watch is left untouched under the alarm mode for 1 minute, it is automatically returned to the time/calendar mode. (Auto-return)
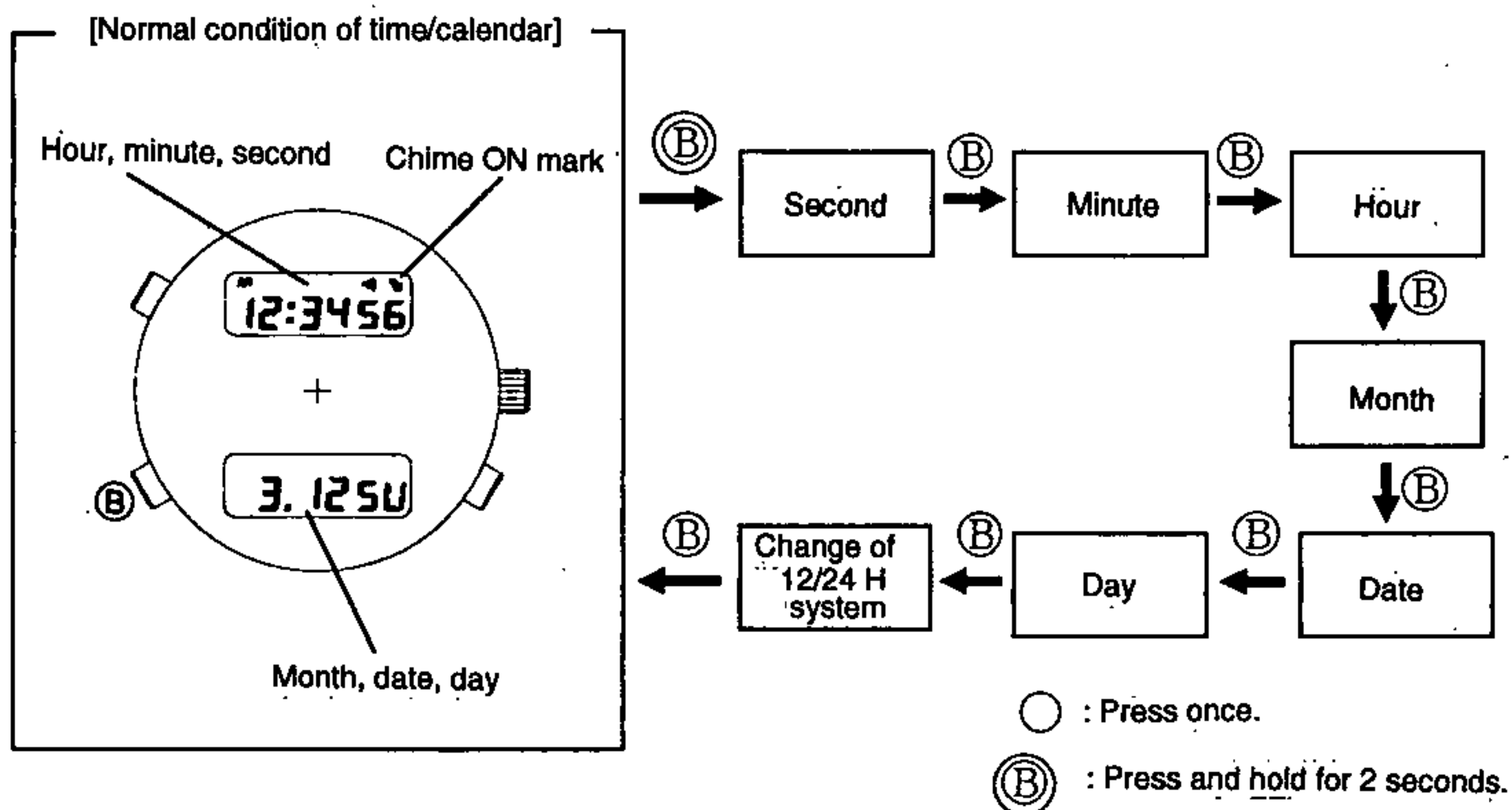
(2) How to set time/calendar

How to set second

(1) Press the Ⓑ button in the time/calendar mode for 2 sec, and the second flashes and can be corrected.
(2) While the second is flashing, press the Ⓐ, and the second restarts from 00.
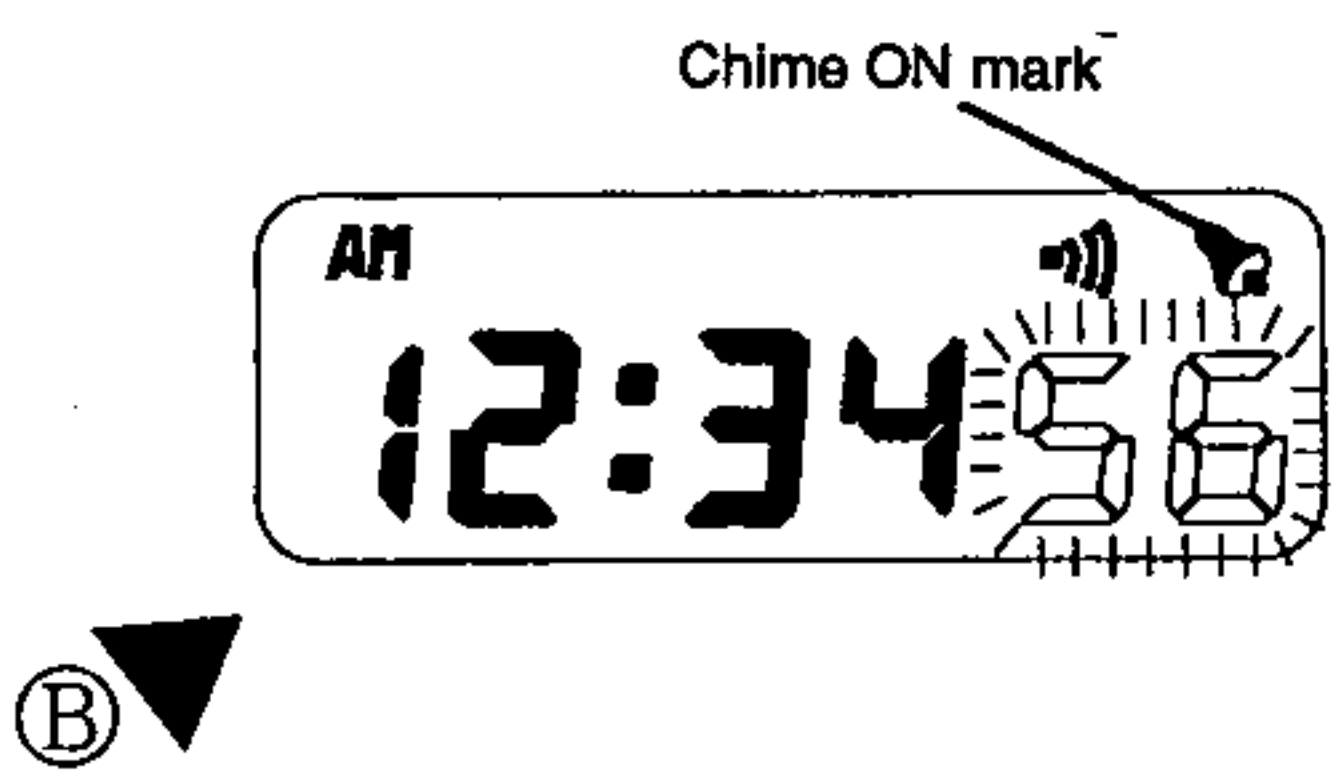
How to set time/calendar

(1) Under the correcting state (while the second is flashing), the flashing point moves as follows each time the Ⓑ button is pressed. Press until the point to be corrected flashes.
(2) Correct by pressing the Ⓐ button. (If it is pressed and held, the indication changes quickly.)
(3) Press the Ⓜ button to finish correction.

> o The 12-hour system and 24-hour system are selected alternately each time the Ⓐ button is pressed.
>
> o When selecting the 12-hour system, take care of AM and PM.
>
> o If the watch is left untouched for about 1 minute in the correcting state (flashing condition), it automatically returns to the normal indication. (Auto-return)
>
> o If the Ⓜ button is pressed in the correcting state, the watch returns to the normal indication.
>
> o If the calendar is set to a non-existing date (e.g. February 30), it automatically indicates the first of the next month when it is returned to the normal indication.
>
> o The calendar does not need to be corrected normally at the end of each month, but it needs to be corrected in only leap years (When there are 29 days in February).

[Normal condition of time/calendar]

Hour, minute, second   Chime ON mark

`12:3456`

+

`3. 12 SU`

Month, date, day

Ⓑ → Second → Ⓑ → Minute → Ⓑ → Hour

↓ Ⓑ

Month

↓ Ⓑ

Ⓑ → Change of 12/24 H system ← Ⓑ ← Day ← Ⓑ ← Date

◯ : Press once.

Ⓑ : Press and hold for 2 seconds.

How to sound the chime (Time signal function)

• Press the Ⓐ and Ⓑ buttons at the same time in the time/calendar mode, and the mark of " 🔔 " lights up, then the chime sounds hour on the hour. The mark of " 🔔 " can be turned off by the same operation.

Chime ON mark

AM   🔔

`12:3456`

Ⓑ ▼

(3) How to use alarm

A. How to set
   o Set the alarm time similarly to the time/calendar.
   o In the alarm mode, press the Ⓑ button until the segment to be corrected flashes, then set it with the Ⓐ button to a desired time to turn on the alarm.
   * If the time and calendar are indicated in the 24-hour system, the alarm is also set in the 24-hour system.

B. Switching the ALARM ON/OFF
   o In the normal indicating state of the alarm mode, the alarm is switched on and off alternately each time the Ⓐ button is pressed.
   If the alarm is turned on, the "set time" and the mark of " •)) " are indicated. If the former is turned off, the mark of "OFF" is indicated.

   <How to stop the alarm sounding>
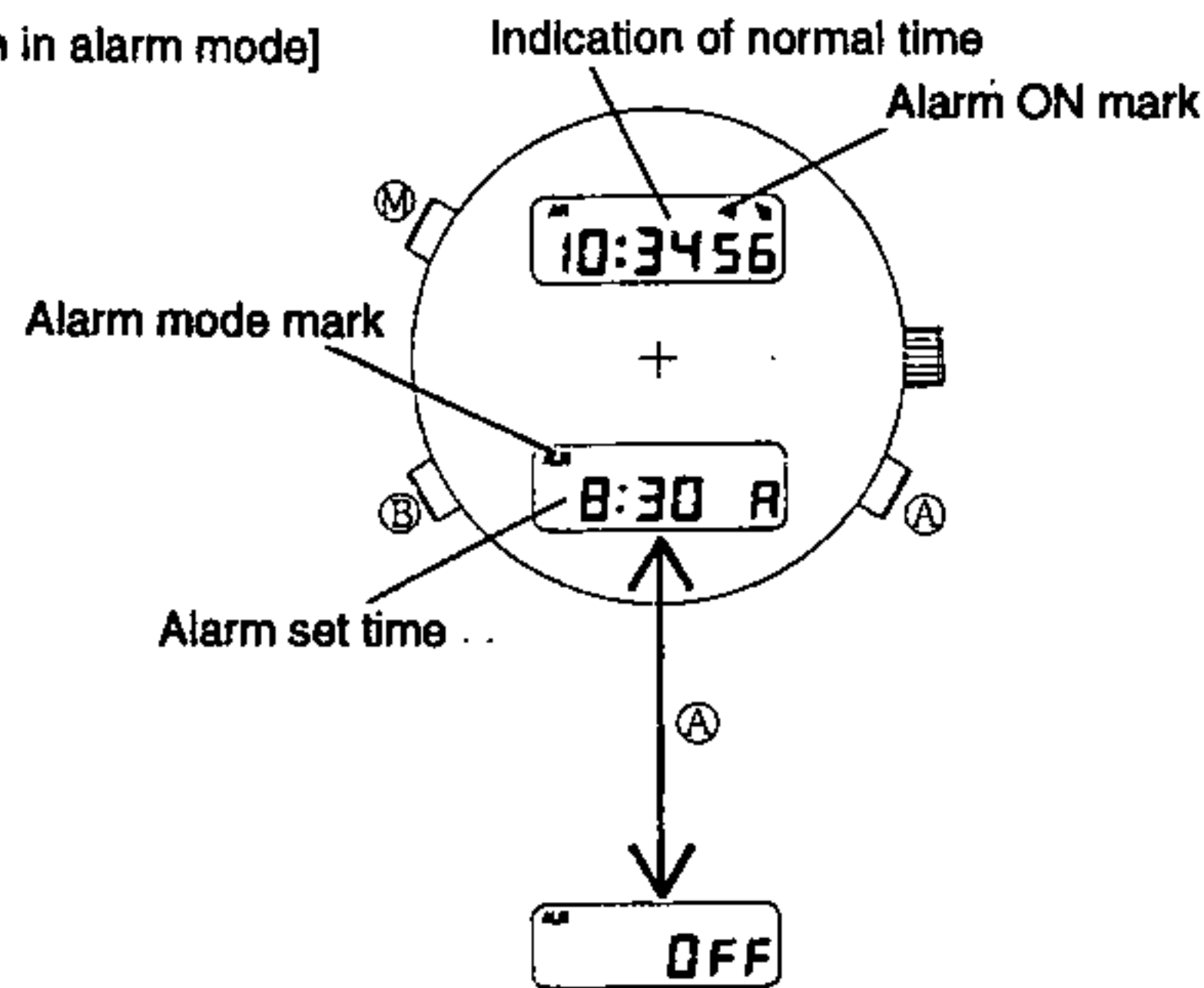   The alarm sound continues for 20 seconds.
   It can be stopped by pressing any button.
   * In the normal indication state of the alarm mode, the alarm monitor sound is turned on while the Ⓐ button is pressed and held.
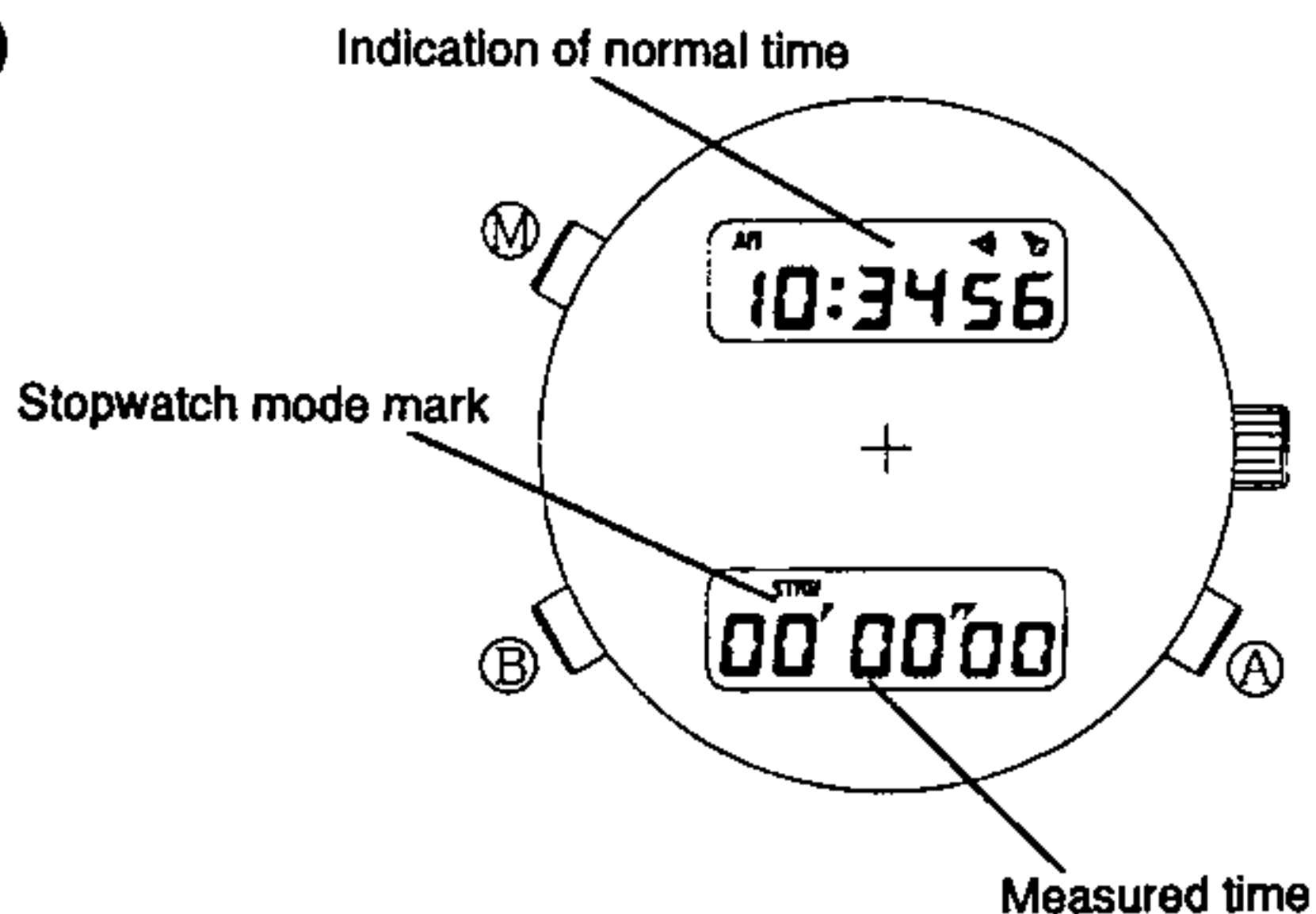

[Normal indication in alarm mode] Indication of normal time
Alarm ON mark
Alarm mode mark
Alarm set time
OFF

(4) How to use stopwatch

This stopwatch can measure by 1/100 second up to 59 minutes, 59 seconds and 99. Then, it repeats measurement from 00 minute, 00 second and 00.

[Reset state of stopwatch]
Indication of normal time
Stopwatch mode mark
Measured time

How to use stopwatch

(1) Press the Ⓐ button to start and stop the stopwatch.

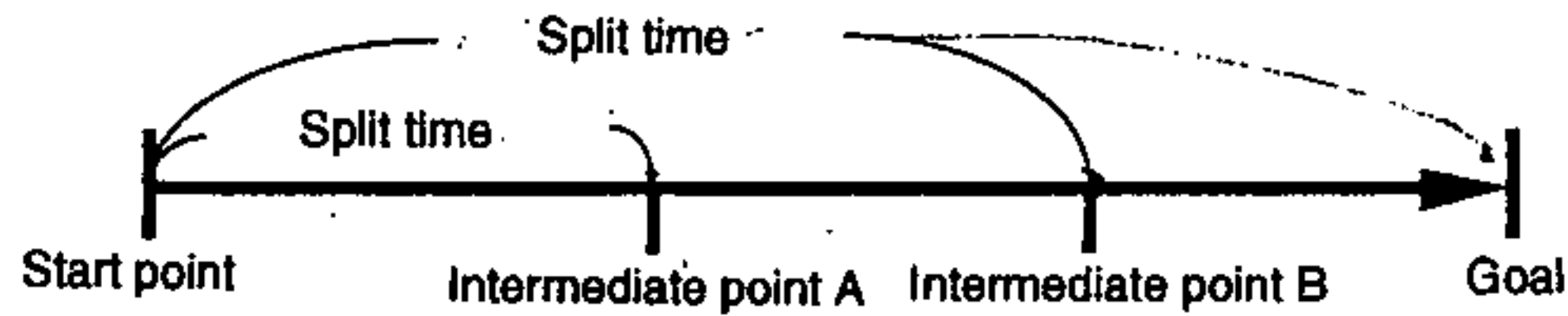(The stopwatch can be used repeatedly by pressing the Ⓐ button during measurement.)

(2) If the Ⓑ button is pressed during measurement, the split time is indicated.

(While the split time is indicated, the mark of "SPL" flashes.)

(3) If the Ⓑ button is pressed while the split time is indicted, the stopwatch returns to the measuring state.

(4) While the stopwatch is stopping, if the Ⓑ button is pressed, it is reset.

－4－

* Split time: Time taken after start point to an intermediate point.

Split time

Split time

Start point   Intermediate point A   Intermediate point B   Goal

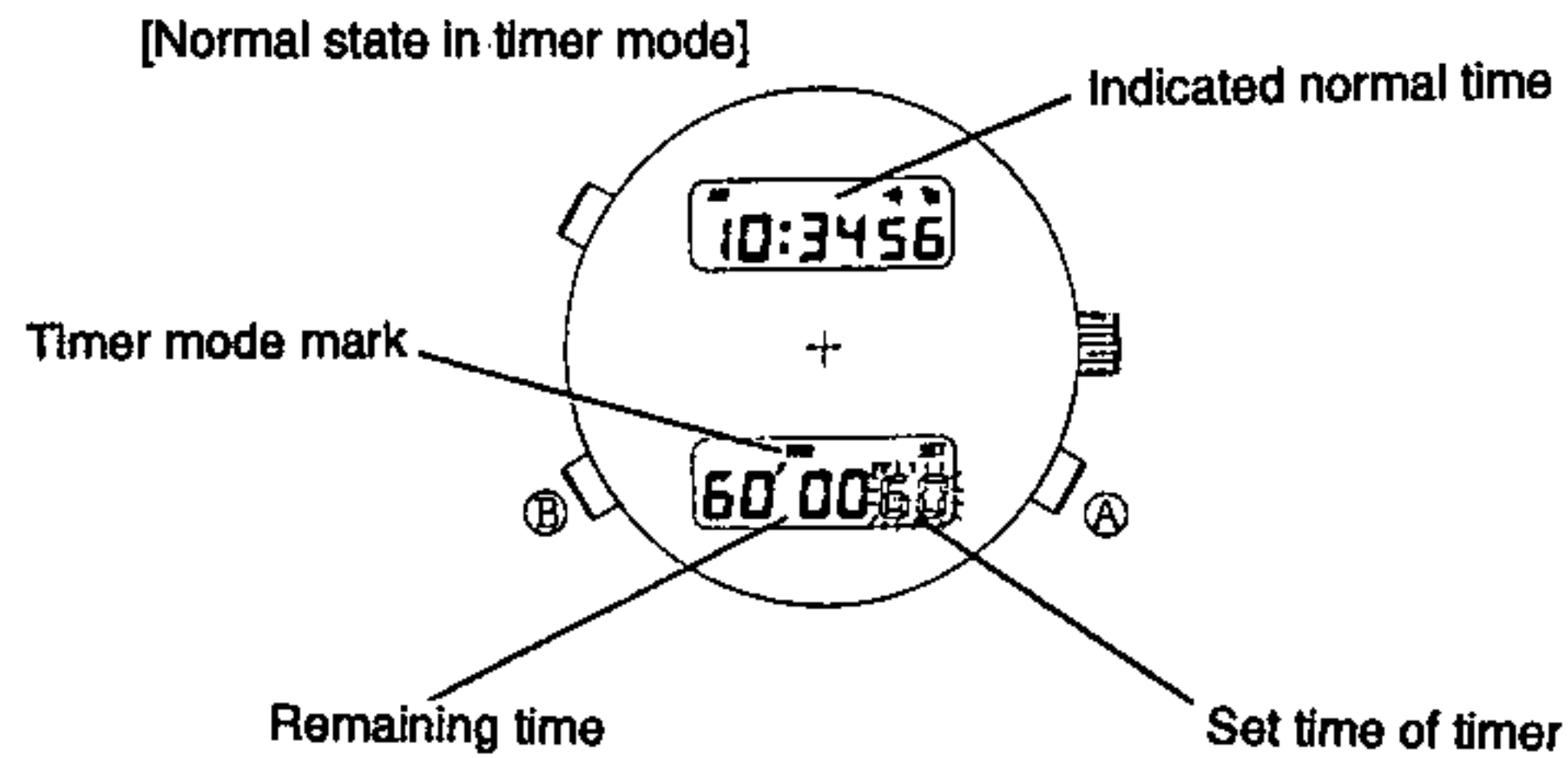> Even while the stopwatch is measuring, the mode can be changed by pressing the Ⓜ button. (Even if the mode is changed, the stopwatch keeps measuring the time. If the watch is returned to the stopwatch mode again, the measured time is indicated.)

(5) How to use timer

The timer can be set up to 60 minutes by 1 minute. If timer is up, it sounds for about 5 seconds.

[Normal state in timer mode]

| How to set |

Indicated normal time

Timer mode mark

Remaining time   Set time of timer

While the set time is flashing in the timer mode, it is reduced by 1 minute each time the Ⓑ button is pressed. Press the Ⓑ button repeatedly until the timer is set to a desired time. (If the Ⓑ button is pressed and held, the time changes quickly.)

| How to measure time with timer |

(1) If the Ⓐ button is pressed, the timer starts to measure the set time.
(2) If the Ⓐ button is pressed during measurement, the timer stops. If the Ⓐ button is pressed again, the time starts again.
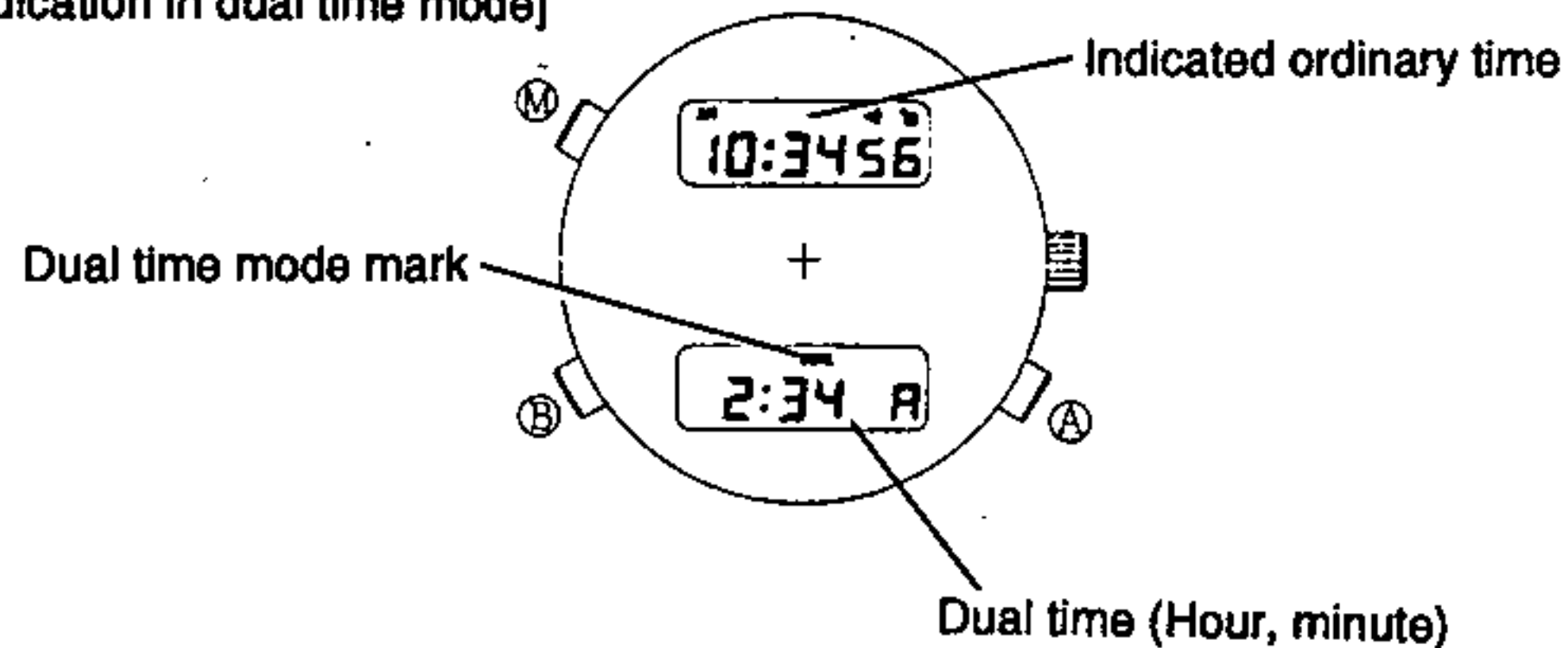   If the Ⓑ button is pressed while the timer is stopping, the timer is reset to the set time.

| Re-start function of timer |

If the Ⓑ button is pressed during measurement, the timer is forcedly reset to the set time and starts counting down again.

(6) How to use dual time

In the dual time mode, a time can be set to this watch, in addition to the ordinary time/calendar. Accordingly, this watch can indicate the local time when the user takes a trip abroad.

[Normal indication in dual time mode]

Indicated ordinary time

Dual time mode mark

Dual time (Hour, minute)

| How to set |

Set the dual time similarly to the ordinary time/calendar.
Press the Ⓑ button to select segment to be corrected (flashing segment), then correct it with the Ⓐ button.
* If the time/calendar mode is set to the 12-hour system, the dual time mode is also set to the 12-hour system. Take care of A (Morning) and P (Afternoon) in this case.

6. All-reset operation

After the power cell is replaced or when the watch indicates or operates abnormally (e.g. it does not indicate anything or the alarm continue sounding) because of a strong shock, etc., perform the all-reset operation according to the following operation, then set it to the correct time.

(1) Press the three buttons of Ⓐ, Ⓑ and Ⓜ simultaneously for 3 seconds.

(2) After all the indicating segments go off, release the buttons. (At this time, a confirmation sound is heard.)
The all-reset operation is finished now.

(3) Set the watch to the correct time.