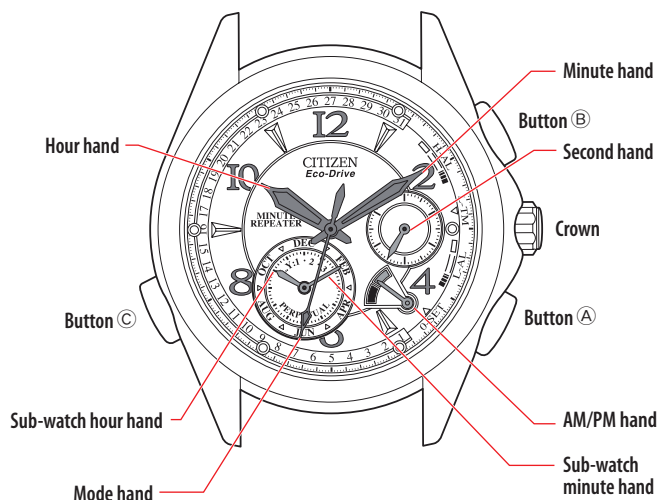
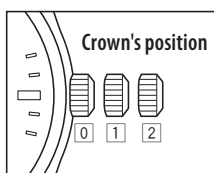


- This watch is solar-powered. Expose the dial to light and use it sufficiently charged.
- To see details of charging time, specifications and operations, refer to the instruction manual:  G90\* instruction manual

## Component identification



- Actual appearance may differ from the illustration.
- The crown has two positions when pulling it out.



## Checking the time with chimes

### 1. Push the crown in to position 0.

- Press button (C) repeatedly to make the mode hand indicate the date when the hand does not show it.

### 2. Press and release the upper right button (B).

Combination of high and low tones of chimes tells you the time of the sub watch.

- The 3 tones mean "hour", "quarter of hour" and "minute" as shown below.
- Meaning of the tones

| Hight                | Length          | Meaning           |
|----------------------|-----------------|-------------------|
| High                 | Long            | "Hour"            |
| Low                  | Long            | "minute"          |
| High-low combination | two short tones | "quarter of hour" |

- Ex.: 4: 36

|           | ①         | ② | ③ | ④ | ①          | ② | ①         | ② | ③ | ④ | ⑤ | ⑥ |
|-----------|-----------|---|---|---|------------|---|-----------|---|---|---|---|---|
| High tone | ♪         | ♪ | ♪ | ♪ | ♪          | ♪ |           |   |   |   |   |   |
| Low tone  |           |   |   |   |            |   | ♪         | ♪ | ♪ | ♪ | ♪ | ♪ |
| Sum       | 4 o'clock |   |   |   | 2 quarters |   | 6 minutes |   |   |   |   |   |
| Time      | 4 o'clock |   |   |   | 36 minutes |   |           |   |   |   |   |   |

### To stop the chimes

Press any button.

## Setting the time

This watch is equipped with two watches: the main watch and the sub watch. They control hands shown as follows.

|            | Hands                                                                       |
|------------|-----------------------------------------------------------------------------|
| Main watch | Hour, minute and second hands                                               |
| Sub watch  | Sub-watch hour hand, sub-watch minute hand, AM/PM hand and mode hand (date) |

### 1. Pull the crown out to position 2 when the second hand points 0 second.

The second hand stops and the mode hand points "0".

- The date hand points "31". When it does not point that, adjust it later.

### 2. Rotate the crown to set the time of the main watch.

### 3. Press and release the lower right button (A) to adjust the sub watch.

- Each time you press the button, the hands move by 1 minute.
- They move continuously while you are pressing and holding the button.
- Check whether the time set is AM or PM with the AM/PM hand.



### 4. Push the crown in to position 0 in accordance with a reliable time source.

The second hand starts moving.

## Setting the calendar

- The calendar follows the time of the sub watch.
- The calendar of this watch does not have to be adjusted manually until February 28, 2100 including leap years. (perpetual calendar)

### 1. Pull the crown out to position **1**.

The sub-watch hour hand indicates "Year", the sub-watch minute hand "Month" and the mode hand "Date".

### 2. Press and release the upper right button **(B)** to adjust the date.

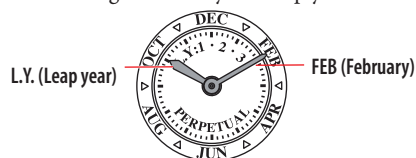
- Each time you press the button, the mode hand moves by 1 day.
- It moves continuously while you are pressing and holding the button.

### 3. Press and release the lower right button **(A)** to adjust the year and month.

- Each time you press the button, the sub-watch hour and minute hands move by 1 month.
- It moves continuously while you are pressing and holding the button.
- The year corresponds to the years since leap year.

| Year since leap year | Indication |
|----------------------|------------|
| 0 (leap year)        | L.Y.       |
| 1 year               | 1          |
| 2 years              | 2          |
| 3 years              | 3          |

Ex.: When setting it February of a leap year



### 4. Push the crown in to position **0** to finish the procedure.

## Indicating local time on the sub watch

The sub-watch hour and minute hands can indicate the time of another time zone (local time) set by 30-minute unit.

- The local time may be incorrect when the main watch and the sub watch does not have the same time.

### 1. Push the crown in to position **0**.

### 2. Press and release the lower left button **(C)** to set the mode hand to "L-TM".

The local time currently set is indicated.

- Proceed to step 3 to adjust the local time. Proceed to step 4 when you do not adjust the local time.

### 3. Press and release the lower right button **(A)** to adjust the time.

- Each time you press the button, the hand moves by 30 minutes.
- It moves continuously while you are pressing and holding the button.
- Check whether the time set is AM or PM with the AM/PM hand.
- The hour and minute move synchronously.

### 4. Press and release the lower left button **(C)** repeatedly to indicate the date to finish the procedure.

- It returns to normal indication automatically in about 1 minute without any operation.

## Setting the second of main and sub watches synchronously

You can adjust the second of the main watch and that of the sub watch at the same time.

### 1. Press and release the lower left button **(C)** to set the mode hand to "0-SET".

### 2. Press the upper right button **(B)** in accordance with a reliable time source.

**When the position of the second hand is between 0 second and 29 seconds:**  
The second hand stops at the position for seconds it shows and the mode hand shows the stopping seconds and counts it down.

**When the position of the second hand is between 30 and 59 seconds:**  
The second hand advances to the 0 second position and starts moving.

### 3. Press and release the lower left button **(C)** repeatedly to indicate the date to finish the procedure.

- It returns to normal indication automatically in about 2 minutes without any operation.



## Checking the reference position

### 1. Push the crown in to position **0**.

### 2. Press and hold the lower left button **C** for 3 seconds or more.

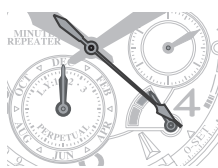
The sub-watch hour and minute hands, mode hand and AM/PM hand move to their current reference position.

- Correct reference positions:

Sub-watch hour and minute hands: 12 o'clock position

Mode hand: "0-SET"

AM/PM hand: Upper end of AM



When the current reference position is different from the correct one, adjust the position following the steps of "Correcting the reference position".

### 3. Press and release any button to finish the procedure.

- It returns to normal indication automatically in about 20 seconds without any operation.

## Correcting the reference position

### 1. Pull the crown out to position **2**.

The second hand stops.

### 2. Press and hold buttons **A**, **B** and **C** at the same time for 2 seconds or more and release them.

The mode hand, sub-watch hour and minute hands move one by one and the alarm sounds.

### 3. Press and release the lower right button **A** to set the sub-watch hour hand, sub-watch minute hand and AM/PM hand.

- Set the AM/PM hand to the lower end of PM.
- Each time you press the button, the hands move by 1 minute.
- They move continuously while you are pressing and holding the button.

### 4. Press and release the upper right button **B** to set the mode hand to "0-SET".

- It moves continuously while you are pressing and holding the button.

### 5. Push the crown in to position **0** to finish the procedure.

The AM/PM hand moves to the upper end of AM and the second hand starts moving.

- Set the time and calendar after adjustment.
- The position of the second hand when setting the time of the main watch after correcting the reference position becomes the reference position of the second hand. Be sure to stop the second hand at the 0 second position when adjusting the main watch.

### *When the mode hand is rotating*

**The hand is rotating counterclockwise:** The reference position is not corrected. Adjust the reference position again.

**The hand is rotating clockwise:** The sub watch is not adjusted. Set the time again.

