
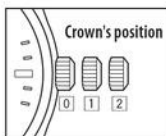


- To see details of specifications and operations, refer to the instruction manual:  677* instruction manual

Component identification



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



Checking the time with chimes

- You cannot use this function while using the chronograph.

- Push the crown in to position 0.
- 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

Height	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							

Setting the time and calendar

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, 24-hour hand, day-of-week hand and moon phase
Sub watch	Time-telling chime, Date hand, month hand and year hand (chronograph hands)

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

Setting the time and day of week

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

The second hand stops.

- The year hand month hands indicates the time of the sub watch. The year hand shows "hour" and the month hand "minute".

- Rotate the crown to adjust the day-of-week hand.

- The hour, minute and 24-hour hands move synchronously.
- Rotate the crown left and right and move the hour hand from PM 9 to AM 1 to move the day-of-week hand quickly.

- Rotate the crown to set the time of the main watch.

- Check whether the time set is AM or PM with the 24-hour hand.

- Press and release button A or B to adjust the sub watch.

- Each time you press button A, the month hand moves forward by 1 minute; each time you press the button B, it moves back by 1 minute.
- It moves continuously while you are pressing and holding the button.
- The hour and minute of the sub watch move synchronously. The sub watch has no distinction of AM and PM.

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

The second hand start moving and the year and month hands return to indicate the calendar.

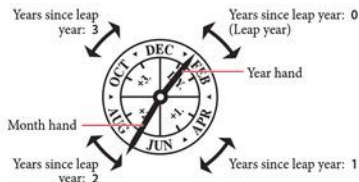


Setting the year, month and date

- Day of week is set in the course of setting of the time.

1. Pull the crown out to position **1**.
2. Press and release button **(A)** or **(B)** to adjust the month and year hands.

- Each time you press button **(A)**, the month hand moves forward by 1 month; each time you press the button **(B)**, it moves back by 1 month.
- It moves continuously while you are pressing and holding the button.
- The year and month hands move synchronously.
- The year corresponds to the years since leap year.



Ex.: When setting it July of a leap year

3. Press and release the lower left button **(C)** to adjust the date hand.

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

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

Setting the moon phase indication

1. Press and release the recessed button to adjust the moon phase indication.

- Refer to a newspaper or other source to see actual moon phase.

Moon phase	New moon	First quarter moon	Full moon	Last quarter moon
Lunar age	0	About 7	About 15	About 22
Tide	Spring tide	Neap tide	Spring tide	Neap tide
Indication				

- Use the indicated moon phase only as a reference.
- Appearance of the indication may differ in some models.
- The moon phase can be set more accurately when it is new or full moon.

Checking the reference position

1. Push the crown in to position **0**.
2. Press and hold the lower left button **(C)** for 2 seconds or more.

The year hand, month hand and chronograph second hand move to their current reference position.

- Correct reference positions:
Year hand: 12 o'clock position
Month hand: 12 o'clock position
Chronograph second hand: 12 o'clock position



3. Press and hold the lower right button **(A)** for 2 seconds or more.

The date hand moves to its current reference position.

- Correct reference positions:
Date hand: ▼ (between 31 and 1)

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

4. Press and hold the lower left button **(C)** for 2 seconds or more.

The hands return to indicate the calendar.

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 and release them.

The chronograph second hand, date hand, year hand and month hand move one by one and the alarm sounds.

3. Press and release the lower right button **(A)** to set the year and month hands to 12 o'clock position.

- Each time you press the button, the hands move by 1 month.
- They move continuously while you are pressing and holding the button.

4. Press and release the upper right button **(B)** to set the chronograph second hand to 12 o'clock position.

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

5. Press and release the lower left button **(C)** to set the date hand to "▼".

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

6. Push the crown in to position **0** to finish the procedure.

The second hand starts moving.

- Set the time and calendar after adjustment.

When the date hand is rotating counterclockwise

The date hand rotates counterclockwise when the crown is pushed into position **0** or **1** after step 2 without adjusting the reference position.

Try to correct the reference position again from step 1.

