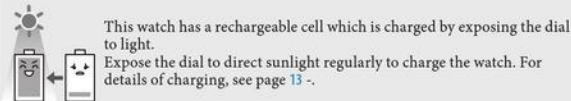






Before using this watch



This watch has a rechargeable cell which is charged by exposing the dial to light. Expose the dial to direct sunlight regularly to charge the watch. For details of charging, see page 13.

After opening the package, confirm power reserve of the watch referring to page 2 before starting connection to your smartphone.

Operation through the dedicated app

Some functions of this watch can be set through the dedicated app. For details, see page 3.

Band adjustment

We recommend seeking the assistance of an experienced watch technician for sizing of your watch. If adjustment is not done correctly, the bracelet may unexpectedly become detached leading to loss of your watch or injury (excluding products containing the band adjustment tool).

Consult an authorized service center. Other shops may charge for, or may not provide, the service.

Protective stickers

Be sure to remove any protective stickers that may be on your watch (case back, band, clasp, etc.). Otherwise, perspiration or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

How to use a specially designed crown/button

Some models are equipped with a specially designed crown and/or push button to prevent accidental operation.

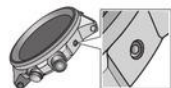
■ Screw down crown/button

Unlock the crown/button prior to operate your watch.

	Unlock	Lock
Screw down crown	Rotate the crown counterclockwise until it releases from the case.	Push the crown in to the case. With gentle pressure towards the case, rotate the crown clockwise to secure it to the case. Be sure to tighten firmly.
Screw down push button	Rotate the locking screw counterclockwise, and loosen until it stops.	Rotate the locking screw clockwise, and tighten firmly.

■ Recessed button

Press the button with a non-marring narrow-tipped object.

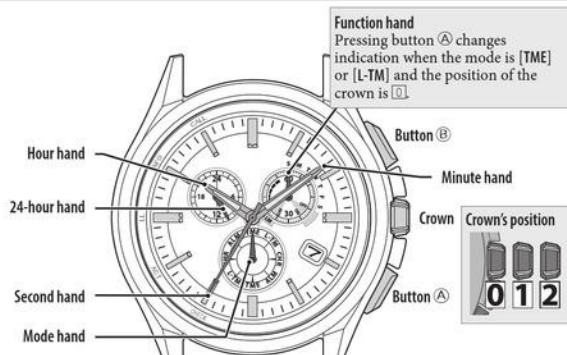


- Metal objects may cause marring or scratching of the button.

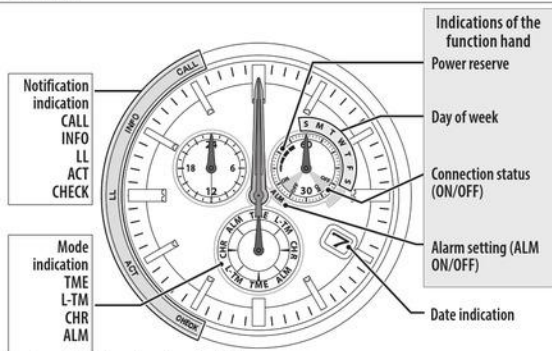
Component identification

- The illustrations in this instruction manual may differ from the actual appearance of your watch.

Hands and buttons



Indication



- A solar cell is placed under the dial.
- No "CHECK" is printed on the dial on some models.

Changing the mode

This watch features four different modes (functions).

TME	Shows ordinary time.
L-TM	Shows time and calendar different from those shown in the [TME] mode.
CHR	Mode for using the chronograph.
ALM	Mode for setting the alarm.

1 Pull the crown out to position 1.

The second hand points to 30 seconds and stops.



2 Rotate the crown to change the mode of the watch.

- Turn the crown so that the mode hand will point to a marker of the mode indication securely.

3 Push the crown in to position 0 to finish the procedure.

- Indication of the watch changes into that of the mode selected.
- It may take a moment to change indication.

Checking the power reserve

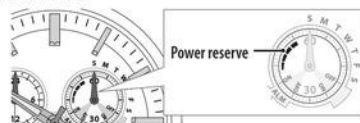
For details of charging, see "Charging your watch" (page 13).

Checking the power reserve

- For details of power reserve indication, see page 3.

1 Change the mode to [TME] or [L-TM] (page 2) and push the crown in to position 0.

2 Press the lower right button (A) repeatedly to make the function hand to indicate power reserve.



Notification indication on the watch

The second hand points the notification indication corresponding to the type of received notification.

Notification indication by the second hand		
Indication	Second hand position	Notification type
CALL	55 seconds	Incoming call notification
INFO	50 seconds	Various info notification
LL	45 seconds	Disconnection notification (Link Loss)
ACT	40 seconds	Receiving time info or connecting/executing an iiidea through operation of the watch (Activation)
CHECK	35 seconds	Indication of an error of an iiidea



- No "CHECK" is printed on the dial on some models.
- The notification indication by the second hand is shown only when the mode of the watch is [TME] or [L-TM] and the position of the crown is [0]. When the watch receives notification in the other statuses than above, notification indication is postponed until its status changes to any one above.
- When the watch receives a new notification while it indicates a notification, the old one is canceled and the new one is indicated.

Notification sound and vibration

Notification sound and vibration can be added to the indication of the second hand by using an iiidea for setting notification.

- Notification by sound or vibration comes out even when the second hand cannot indicate notification.

Notification reception area

- Connectable distance between the watch and the smartphone is up to about 10 m (33 feet). Connectable range may be shorter due to obstacles such as walls.
- Do not block the watch with your body such as your arm.

Canceling the notification indication

The second hand showing notification indication does not return to normal movement until the indication is canceled.

- The manually canceled notification cannot be shown again.

1 Press and hold the lower right button [A] or the upper right button [B] for 1 second while notification is indicated.

The notification indication is canceled and the second hand returns to normal movement.

- Changing the position of the crown also cancels the notification indication.

Testing the vibration of notification

The vibration of notification can be checked.

- You cannot test it while the power reserve level is in "0".
- The vibration settings must be executed on an iiidea.

1 Change the mode to [ALM] (page 2) and push the crown in to position [0].

2 Press and release the upper right button [B].

The watch starts vibrating.

- Notification vibration is repeated five times.

3 Change the mode to [TME] and push the crown in to position [0] to finish the procedure.

The second hand and function hand return to normal indication.

Pairing (registering) the smartphone

Execute registration at first when connecting the watch and your smartphone.

Before registration

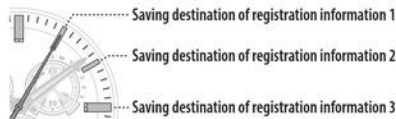
- Unique registration information is saved on the watch and smartphone as registration is executed.
- Up to three registrations can be saved on the watch with choosing saving destination. Saved registration information can be checked on the app.
- When you have two or more registered smartphones, you can switch saved registration information to connect/disconnect with one of them. (page 5)
- New registration information cannot be saved on the saving destination containing one without deleting the existing one (page 9).

Choosing the destination to save registration information

1 Change the mode of the watch to [TME] (page 2) and pull the crown out to position [2].

The second hand points the saving destination of registration information currently chosen and the function hand indicates connection status (ON/OFF).

2 Rotate the crown to choose the destination to save registration information.



3 Push the crown in to position [0] to finish the procedure.

The second hand and function hand return to normal indication.

Registering the smartphone

- For registration, you have to operate both the watch and the smartphone.
- Be sure that the watch and the smartphone are charged enough. Especially, check the power reserve of the watch (see page 2) and charge it before registration if the power reserve level is "1" or "0".
- It may take 20 - 30 seconds to finish registration. Even when registration failed, the watch returns to normal movement in about 30 seconds.

Operation on the smartphone

1 Download the dedicated app "CITIZEN Eco-Drive W770" at an app site and install it.

2 Start the dedicated app.

- Keep the screen of the app shown.

3 Tap [Pair a watch].

- When the message is not indicated, tap [OK] on the bottom of the screen and tap [Pair a watch].

4 Tap [Pair a watch].

Operation of the watch

5 Change the mode to [TME] or [L-TM] (page 2) and push the crown in to position [0].

6 Press and release the upper right button [B].

The second hand points "ACT" (40-second position) and registration starts.



- Agree when a dialog appears on the screen of the app to request your permission to use Bluetooth connection.
- On some models of smartphones, you must allow using of your location information.

When registration was successfully finished

"Connected" is displayed on the screen of the app.



- The watch and the smartphone are connected after registration is finished. In addition, the function hand of the watch points "ON" of connection status and the second hand returns to normal movement.



When introduction for firmware update appears

In some case, the following introduction for firmware update may appear after pairing.



You must execute this firmware update to connect the watch and your smartphone through the dedicated app "CITIZEN Eco-Drive W770".

- Once you update the firmware of the watch, you cannot roll it back to the previous version.
- The watch with the updated firmware cannot be connected with your smartphone through the dedicated app "CITIZEN Bluetooth Watch".

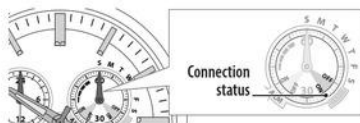
When updating firmware, check all the terms of use and check the check boxes for agreement and tap "Agree with all the terms of use and update".

- After finishing firmware update, execute pairing again.

Connecting/disconnecting the smartphone

Checking connection status

- Change the mode to [TME] or [L-TM] (page 2) and push the crown in to position **0**.
- Press the lower right button **A** repeatedly until the function hand indicates connection status (ON/OFF).



Connection status indication

The function hand automatically indicates connection status (ON/OFF) as the connection status between the watch and the smartphone changes.

ON	OFF
Connected	Disconnected

Disconnecting

- Cancel the notification indication of the second hand before disconnecting (page 4).

- Change the mode to [TME] or [L-TM] (page 2) and push the crown in to position **0** while connected.

- Press and hold the upper right button **B** for 4 seconds.

The second hand points "ACT" (40-second position) and, after disconnection, the function hand points "OFF" of connection status.



Connecting

Way to connect the watch to a disconnected smartphone again.

- The watch cannot be connected with a non-registered smartphone. (page 4)
- See "Choosing a smartphone and connecting to it (page 5)" to connect the watch to another registered smartphone.

- Change the mode to [TME] or [L-TM] (page 2) and push the crown in to position **0** while disconnected.

- Start the dedicated app.

- The watch can also be connected with the smartphone when the app is running in background.

- Press and release the upper right button **B**.

The second hand points "ACT" (40-second position) and, after connection, the function hand points "ON" of connection status.



Choosing a smartphone and connecting to it

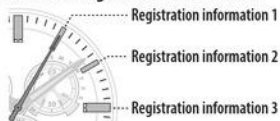
Way to choose registration information of a smartphone from three saving destinations and connect the watch to it.

- The watch cannot be connected with two or more smartphones at the same time.

- Change the mode of the watch to [TME] (page 2) and pull the crown out to position **2**.

The second hand points the registration information currently chosen and the function hand indicates connection status (ON/OFF).

- Rotate the crown to choose registration information.



- Push the crown in to position **0** keeping the mode [TME].

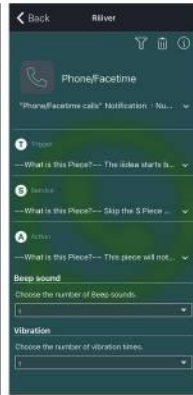
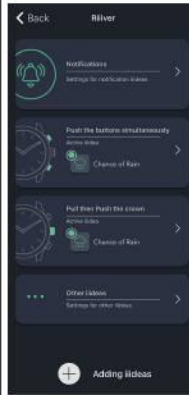
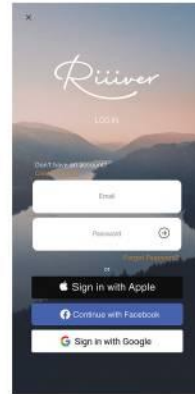
- Connection with another smartphone is disconnected.

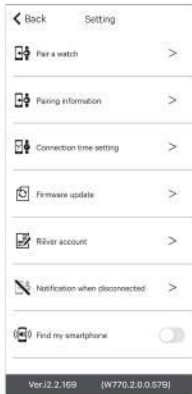
- Press and release the upper right button **B**.

The second hand points "ACT" (40-second position) and, after connection, the function hand points "ON" of connection status.

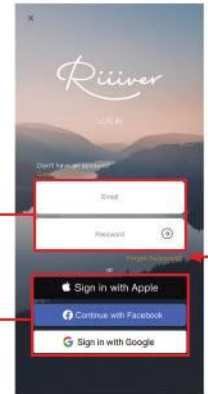








	▲







Setting functions of the watch on the dedicated app

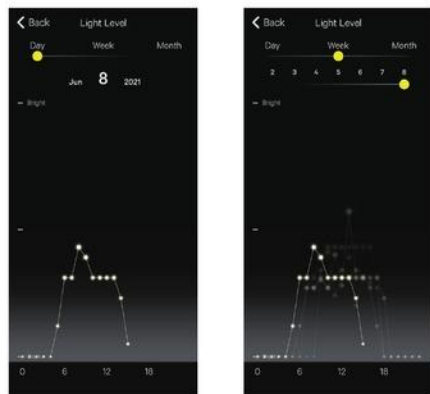
Light Level screen

You can see the record of power generation amount of the watch in a line graph on the Light Level screen.

You can change the period indicated on the screen between "Day" (hourly indication in a day), "Week" (hourly indication in a day of week) and "Month" (daily indication of a month) by using the slider on the top of the screen.

- Data of power generation amount are stored in the dedicated app.
- Data storing period of the power generation amount varies depending on storage space your smartphone.
- Past power generation data is removed if you remove the dedicated app.

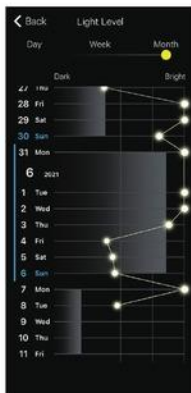
1 Tap on the home screen of the dedicated app.



"Day": a line graph of hourly power generation amount of the current day

"Week": line graphs of hourly power generation amount of a day of last 7 days

- At the "Week" screen, the slider for selecting the last 7 days also appears.



"Month": graphs of monthly power generation amount

- When you move the slider on the top of the screen to "Month", daily power generation amount is indicated in a line graph and weekly amount in horizontal bar graphs.


Local Time screen

You can adjust the setting of local time on the watch.

- Connection with the watch is needed. (page 5)

1 Change the mode of the watch to [L- TM] (page 2) and push the crown in to position .

The local time currently set is displayed.

- Press the lower right button  repeatedly to indicate day of week when the function hand does not show it.

2 Tap on the home screen of the dedicated app.

3 Adjust the setting of local time.

The place, time and offset from UTC of the local time currently indicated is displayed here.

Tap here to select time difference from UTC.

Scroll the map sideways and tap an area to set a time zone.

Tap here to select an area using location information of the smartphone.

Tap here to search by place name.

4 Tap the icon on the top of the Local Time screen after finishing adjustment.

The adjusted settings are sent to the watch.

Send icon
Its color turns blue as modification information can be sent to the watch.




Alarm screen

You can adjust the setting of the alarm function of the watch.

- Connection with the watch is needed. (page 5)

1 Change the mode of the watch to [TME] (page 2) and push the crown in to position [0].

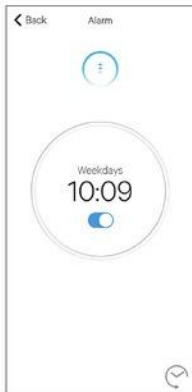
2 Tap  on the home screen of the dedicated app.

The Alarm screen is displayed.

Screen when alarm is not in use

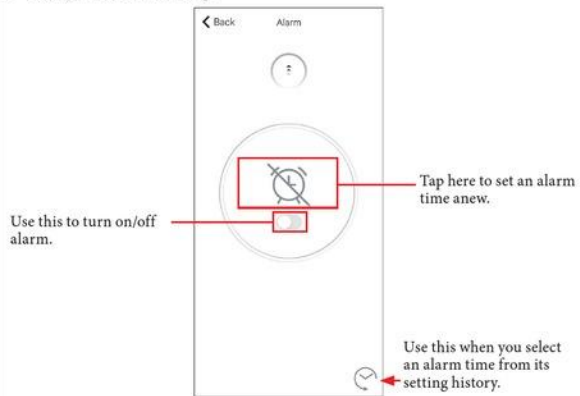


Screen when alarm is in use

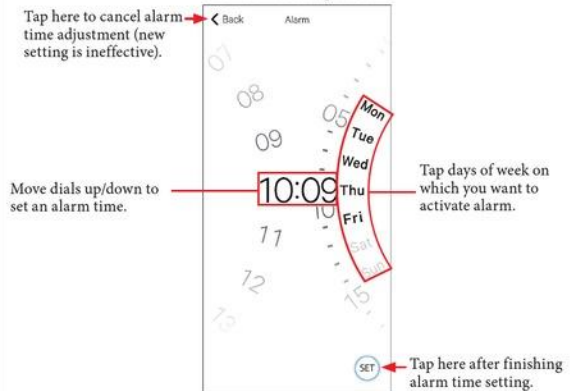


- Tap "Back" on the top left of the screen to return to the startup screen when no menu is indicated on the screen.

3 Change the alarm setting.



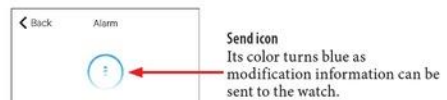
Alarm time setting screen



- The example above shows the setting that the alarm sounds at 10:09 AM from Monday to Friday every week.

4 Tap the icon on the top of the Alarm screen after finishing adjustment.

The adjusted settings are sent to the watch.



Using local time [Local Time]

Another time which is different from that in the [TME] mode (local time) can be shown.

- Local time can be set within a range of ± 27 hours from UTC (Coordinated Universal Time).
- Indication of date and day of week changes corresponding to local time set.

Indicating local time

- 1 **Change the mode of the watch to [L-TM] (page 2) and push the crown in to position 0.**

The local time currently set is displayed.

- Press the lower right button $\text{\textcircled{A}}$ repeatedly to indicate day of week when the function hand does not show it.

Adjusting the local time

- You can also adjust it through the dedicated app.
- 1 **Change the mode of the watch to [L-TM] (page 2) and pull the crown out to position 2.**
The second hand points 0 second and the local time is displayed.
 - 2 **Rotate the crown to adjust the local time.**
The minute hand moves by 15 minutes.
 - When you rotate the crown quickly a few times, the hand/indication will move continuously.
To stop the rapid movement, rotate the crown in either direction.
They stop automatically after moving ± 12 hours.
 - 3 **Push the crown in to position 0 to finish the procedure.**

Using the chronograph

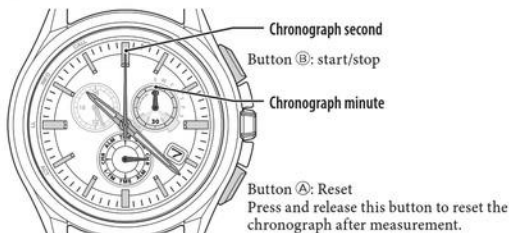
The chronograph on this watch can measure up to 60 minutes by 1 second.

- After 60 minutes of continuous chronograph operation, the chronograph automatically stops and is reset.
- Indication of the function hand cannot be changed in the [CHR] mode.

- 1 **Change the mode of the watch to [CHR] (page 2) and push the crown in to position 0.**

The second hand and function hand indicate 00:00. The other hands and indication keep showing time in the [TME] mode.

- 2 **Start measurement.**



- Pulling out the crown will stop and reset the chronograph.

- 3 **Change the mode to [TME] and push the crown in to position 0 to finish the procedure.**

The second hand and function hand return to normal indication.

Using alarm [Alarm]

The alarm on this watch is based on the time of the [TME] mode.

- Indication of the function hand cannot be changed in the [ALM] mode.
- You can also set it through the dedicated app.

Checking alarm setting

- 1 **Change the mode of the watch to [ALM] (page 2) and push the crown in to position 0.**

The hour, minute and 24-hour hands indicate the alarm time currently set and the function hand shows the alarm setting (ALM ON/OFF).



- Each time you press the lower right button $\text{\textcircled{A}}$, ON/OFF of the alarm setting changes alternately.



- 2 **Change the mode to [TME] and push the crown in to position 0 to finish the procedure.**

The watch returns to normal indication.

■ When the time set comes

Alarm sounds for 15 seconds as the time set comes.

- Alarm does not sound when the position of the crown is not 0.

■ To stop alarm

Press any of the buttons.

Changing alarm setting

- The alarm time is set in 24-hour basis.

- 1 **Change the mode of the watch to [ALM] (page 2) and pull the crown out to position 2.**

The alarm time currently set is displayed and the function hand shows the alarm setting (ALM ON/OFF).

- 2 **Press and hold lower right button $\text{\textcircled{A}}$ for 2 seconds or more.**

The minute hand slightly moves and the alarm time setting becomes adjustable.

- 3 **Rotate the crown to set the alarm time.**

- Check AM/PM referring to the 24-hour hand.
- If you rotate the crown quickly a few times, the hand will move continuously. To stop the rapid movement, rotate the crown in either direction.

- 4 **Press and release the lower right button $\text{\textcircled{A}}$ to set the alarm setting (ALM ON/OFF).**

- Each time you press the lower right button $\text{\textcircled{A}}$, ON/OFF switches alternately.

- 5 **Change the mode to [TME] and push the crown in to position 0 to finish the procedure.**

The watch returns to normal indication.

■ Checking the alarm

Alarm sounds while pressing and holding the upper right button $\text{\textcircled{B}}$ in step 1.

Charging your watch

This watch has a solar cell under the dial and stores the power generated by the cell in its built-in rechargeable cell.

The cell is charged by exposing the dial to light such as direct sunlight or fluorescent lamps.

For optimal performance, be sure to:

- Put the watch in a location where the dial is exposed to bright light such as by the window even when it is not used.
- Expose its dial to direct sunlight for 5 or 6 hours at least every week.
- Avoid leaving it in dark places for long periods of time.



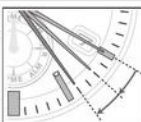
CAUTION

- Do not charge the watch at a high temperature (about 60°C (140°F) or higher) as doing so may cause movement malfunction.
- If the watch is obscured from light by long sleeves frequently, supplemental charging may be needed to ensure continual operation.
- The watch stops charging automatically after finishing (overcharging prevention function). The function prevents damage to performance of the watch and rechargeable cell due to overcharging.

When the watch reaches a low charge state (insufficient charge warning function)

When the power reserve becomes low, the second hand moves once every two seconds. This is the insufficient charge warning function. Be sure to fully charge your watch immediately as outlined below.

- When the watch is sufficiently charged, the second hand will move normally.
- If you do not charge the watch for 10 days or longer after the insufficient charge warning movement has begun, the watch will be depleted of all power and stop.



During the insufficient charge warning state

- The time, date and day of week are indicated correctly.
- The indication in the [TME] mode is displayed in the other modes and functions in them are not available.

Charging time by environment

Below are the approximate charging times when exposing to light continuously. Please use this table as a reference only.

Environment	Illuminance (lx)	Charging time (approx.)		
		To work for one day	To start working normally when the cell is discharged	To become fully charged when the cell is discharged
Outdoors (sunny)	100,000	12 minutes	9.5 hours	30 hours
Outdoors (cloudy)	10,000	30 minutes	25 hours	70 hours
20cm (7-7/8 inches) away from a fluorescent lamp (30W)	3,000	1.5 hours	70 hours	-
Interior lighting	500	8 hours	-	-

- Exposing to direct sunlight is recommended to charge your watch. A fluorescent lamp or interior lighting does not have sufficient illumination to charge the rechargeable cell efficiently.

After charged fully, the watch runs without additional charging

In standard use with a smartphone	Using with no smartphones
About 9 months (the connection function is available for about 100 days.)	About 1.5 years

- See the list on page 16 for details of "Standard use with a smartphone".

Cautions when connected with a smartphone

- Long-time connection with a smartphone and reception of many notification in a day consume much amount of power. Be sure to keep your watch sufficiently charged when always connecting the watch with your smartphone.
- We recommend disconnecting your smartphone (page 5) when connection is not needed.
- Take also care that your smartphone is charged enough.

Power save function

The second hand stops automatically to save power when the watch has been kept in a dark place for a certain period of time and it cannot generate power.

- The watch works normally even while saving power.
- The power save function does not operate under the following conditions:
 - The crown is in position **1** or **2**.
 - The mode is [CHR] or [ALM].
 - The second hand indicates notification.

Canceling the power save function

The power save status ends and the hands return to normal indication as the watch is operated or the dial is exposed to light and power generation starts.

- Power save status is also canceled as receiving time info or notification.

Adjusting the time and calendar manually

You can set the time and calendar of the [TME] mode manually.

- The local time is also corrected automatically following its setting.

1 Change the mode to [TME] (page 2) and pull the crown out to position **2.**
The second hand points the registration information currently chosen.

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

The second hand stops at 0 second and the minute hand slightly moves.

3 Press and release the lower right button **A repeatedly to change the hand/indication to be corrected.**

- Each time you press button **A**, the target changes as follows:
Hour and minute → date → year/month → day of week → (back to the top)
- The hands and indications slightly move when selected to show they become adjustable.

4 Rotate the crown to adjust the hand/indication.

- The hour, minute and 24-hour hands move synchronously.
- Check AM/PM referring to the 24-hour hand.
- Date indication changes to the next as the function hand rotates 5 times.
- When you rotate the crown quickly a few times, the hands and date indication will move continuously. To stop the rapid movement, rotate the crown in either direction.

5 Repeat steps 3 and 4.

6 Push the crown in to position **0 in accordance with a reliable time source to finish the procedure.**

Month and year indications

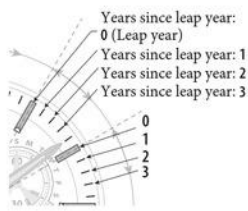
Set the year and month with the position of the second hand.

"Month" corresponds to one of the 12 zones shown in the figure below.

Each number means month.



"Year" corresponds to the years since leap year and is indicated with markers in the zone of each month.



Year	Years since leap year	Second hand position
2020 2024 2028 2032	0 (Leap year)	Hour marker
2021 2025 2029 2033	1	1st min. marker
2022 2026 2030 2034	2	2nd min. marker
2023 2027 2031 2035	3	3rd min. marker

Ex.: Position of the second hand when setting February 2021

You can find that the years since leap year of 2021 is "1" from the table and the second hand must be set to the 1st minute marker of February zone.





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