

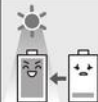
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Before using this watch



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 10 .

Dedicated app

Some functions of this watch can be controlled through the dedicated app. For details, see "Functions available with the connection".



The icon indicates that an operation includes control from the dedicated app.

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. Consult an authorized service center.

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.

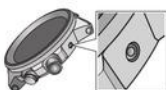
■ Screw down crown/button

Unlock the crown/button prior to operate your watch.

	Unlock	Lock
Screw down crown	<p>Rotate the crown counterclockwise until it releases from the case.</p>	<p>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.</p>
Screw down push button	<p>Rotate the locking screw counterclockwise, and loosen until it stops.</p>	<p>Rotate the locking screw clockwise, and tighten firmly.</p>

■ Recessed button

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

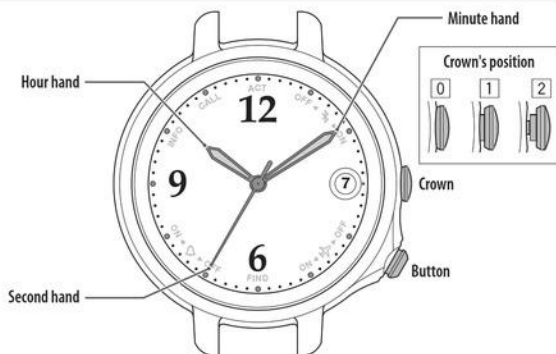


- Metal objects may cause marring or scratching of the button.

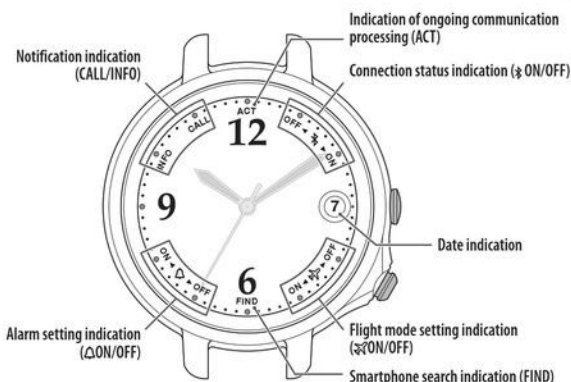
Component identification

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

Hands and buttons

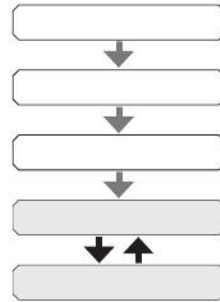


Indication



- A solar cell is placed under the dial.





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Pairing (registering) the smartphone

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

Before pairing

- Unique pairing information is saved on the watch and smartphone when pairing is executed.
- When you execute pairing anew on a watch which has pairing information, the existing information is removed and new one is saved.

Executing pairing

- For pairing, you have to operate both the watch and the smartphone.

Operation on the smartphone

1 Download the dedicated app "CITIZEN Eco-Drive Bluetooth 5" at an app site and install it.

2 Start the dedicated app.

Keep the app screen displayed until pairing is finished.

- Agree when a dialog appears to request your permission to use Bluetooth connection. For other requests for permission, follow instructions on your smartphone.

3 Tap [Connect with your watch].

The pairing screen is displayed.

Operation of the watch

4 Confirm that the position of the crown is 0 and the second hand is moving every second.

- Press and hold the button for 1 second when the second hand is not moving.

5 Press and hold the button for 4 seconds or more.

- The second hand points "ACT" (0-second position), swings left and right and points "ACT" again. Release the button after the second pointing to "ACT" of the hand.

Pairing starts.

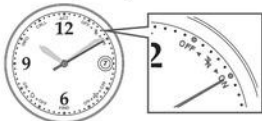
Smartphone

"Connected" appears as pairing is finished.

- It may take about 20 - 30 seconds to finish pairing.

When pairing finished successfully

The second hand of the watch points "ON" (10-second position) of the connection status indication temporarily and returns to normal movement.



You must try pairing again when the second hand points "OFF" (5-second position) of the connection status indication.

- Press and hold the button of the watch for 1 second to cancel the "OFF" indication before you try pairing again.

Connecting/disconnecting the smartphone

Checking connection status

1 Push the crown in to position 0.

2 Press and release the button.

The second hand indicates the current connection status (ON/OFF).



ON		Connected
OFF		Disconnected

- The second hand returns normal indication automatically in 10 seconds. Press the button to return the second hand to normal indication immediately.
- The watch keeps correct time and calendar even while the second hand indicates connection status.

Connection status indication

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

Disconnecting

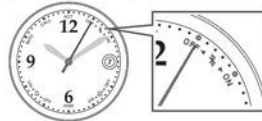
- Cancel indication of the second hand before operation when it points "CALL" (55-second position) or "INFO" (50-second position) of the notification indication (page 5).

1 Push the crown in to position 0 while the watch is connected.

2 Press and hold the button for 2 seconds.

- Release the button when the second hand points "ACT" (0-second position) after pointing "ON" (10-second position).

The connection is closed and the second hand points "OFF" (5-second position) of the connection status indication.



Connecting

Follow the steps below to connect the watch to a disconnected smartphone again.

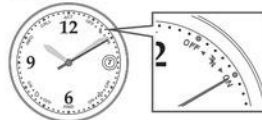
- The watch cannot be connected with a smartphone without pairing.

1 Push the crown in to position 0 while the watch is disconnected.

2 Press and hold the button for 2 seconds.

- Release the button when the second hand points "ACT" (0-second position) after pointing "OFF" (5-second position).

The watch is connected with the smartphone and the second hand points "ON" (10-second position) of the connection status indication.



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 phone calls
INFO	50 seconds	Various info notification
OFF	5 seconds	Disconnection notification (LINK LOSS) (doubled as connection status indication)
ACT	0 seconds	Receiving time info or connecting (Activation)



- Notification with the second hand is indicated only when the crown is in position [2]. When the watch receives notification when it cannot be indicated, notification indication is postponed until it can be indicated.
- When the watch receives a new notification while it indicates a notification, the old one is canceled and the new one is indicated.
- The watch keeps correct time and calendar even while the second hand indicates a notification.

Notification sound

You can control tone, volume and emitting times of notification sound on the [Notification] (notification) screen of the dedicated app.

- Notification sound is emitted even when the second hand cannot indicate notification.
- Notification sound is emitted again when a postponed notification is indicated by the second hand.
- Notification sound can previously be checked when setting it. For details, see "Alarm sound setting screen".

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 does not return to normal movement without operation for canceling notification when it indicates following notifications: "CALL", "INFO" and "OFF" (disconnection notification, LINK LOSS).

- Previous canceling of notification indication may be required for some operation.
- Canceled notification cannot be shown again.

1 Press and hold the button 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.



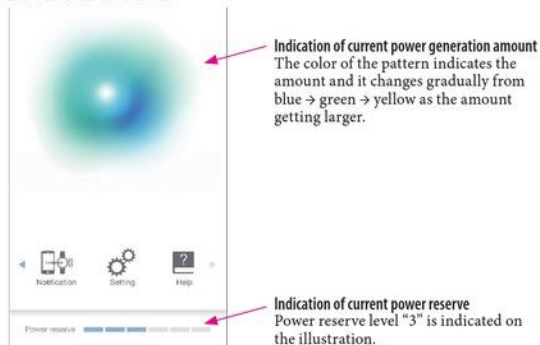
Using functions of the dedicated app

- The appearance and UI of the app used for explanation below may be changed for product improvement.

Checking the power reserve and power generation amount of the watch

The current power reserve of the watch ([Power reserve]) is indicated in 7 levels on the bottom of the home screen of the dedicated app while the watch is connected with the smartphone.

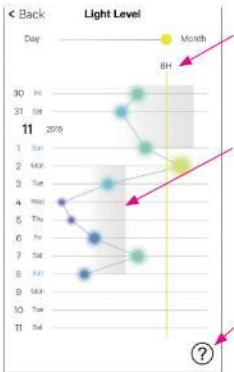
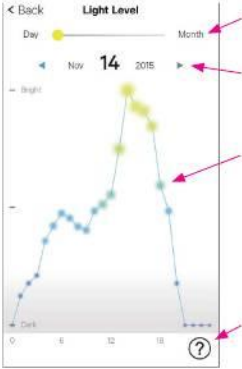
The current power generation amount of the watch is indicated in a light pattern on the center of the screen.



- Tap [Back] (back) or [Cancel] (cancel) on the upper left of the screen to show the home screen when the screen of the app does not indicate power reserve. Indication of power reserve in levels

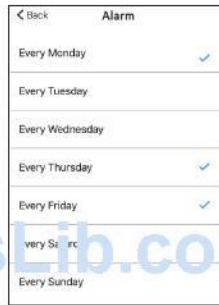
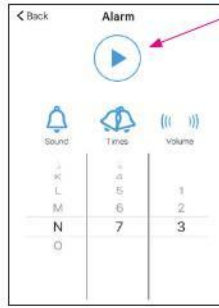
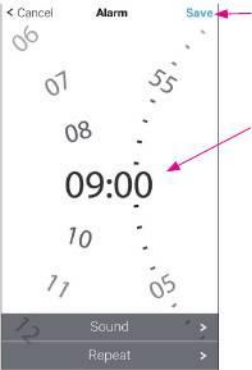
Level	Indication	Duration (approx.)		Meaning
		When using connection	When not using connection	
6	■■■■■■■■			Power reserve is sufficient.
5	■■■■■■■	13 - 12 months	24 - 18 months	
4	■■■■■■			
3	■■■■■	12 - 11 months	18 - 14 months	Power reserve is not sufficient.
2	■■■■	11 - 10 months	14 - 10 months	
1	■■■■	10 months (Time reception only)	10 months - 3 days	Charge immediately.
0	■■■■	Connection is unavailable.	3 days	
		No indication appears when the level is 0 as the watch cannot make connection with the phone. <ul style="list-style-type: none"> At the level 0, the second hand starts to move once every two seconds ("When the watch reaches a low charge state (insufficient charge warning function)"). 		

- See the table of "Standard use with the smartphone" in "Specifications" for details such as usage conditions of "When using connection" of duration.
- Connection is disconnected when the power reserve level becomes "1". However, basic functions of the watch are still available.
- When you try to connect with the smartphone while power reserve level is "1", the second hand "OFF" just after pointing "ON" to show connection is unavailable. However, the watch can get time information in that case.
- Some basic functions become unavailable while the insufficient charge warning function is active.
- The power reserve just before disconnection is indicated in level in pale colors while the watch is disconnected.



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Using functions of the dedicated app (continued)

Checking and correcting the reference position (Reference position adjustment assistant)

You can check and adjust the reference position of the watch using the app. Execute operation following instructions on the app and watching the status of the watch.

- You can check and adjust the reference position without assistance of the app (page 11).

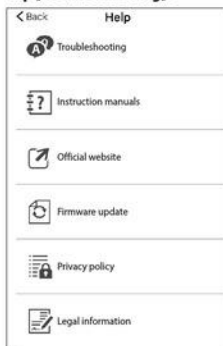
1 Connect the watch and the smartphone.

2 Tap the [Help] (help) icon on the home screen.

The screen switch to the [Help] screen.

- Tap [Back] (back) or [Cancel] (cancel) on the upper left of the screen to show the home screen when it is not displayed.

3 Tap [Troubleshooting].



4 Tap [The time and calendar are incorrect.].



Proceed operation hereafter following instructions on the screen of the app.

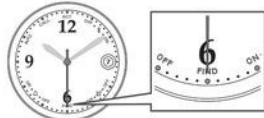
Searching the smartphone using the watch (smartphone search)

You can make the smartphone emit sound to find it using the watch when the phone is paired with the watch and is within connectable range.

- The setting of the function must be activated on the dedicated app previously.
- This function is available even when the phone is not connected.

1 Pull the crown out to position ②.

The second hand points "FIND" (30-second position) and the smartphone starts emitting sound.



- The sound does not stop until it is stopped on the smartphone. Proceed to step 3 to cancel the operation.

2 Stop the sound following instructions on the screen of the smartphone.

3 Push the crown in to position ①.

Checking the smartphone search setting

Turn on [Smartphone search] on the [Setting] (setting) screen on the dedicated app.



Using alarm

You can activate/deactivate alarm on the watch.

- Use the dedicated app to adjust alarm time and alarm sound. You cannot set them on the watch.
- Alarm does not sound when the position of the crown is not ①.

The Alarm settings on the dedicated app must previously be turned on to turn on/off the alarm through operation on the watch.

- The alarm settings deactivated on the dedicated app cannot be activated from the watch. Take care.

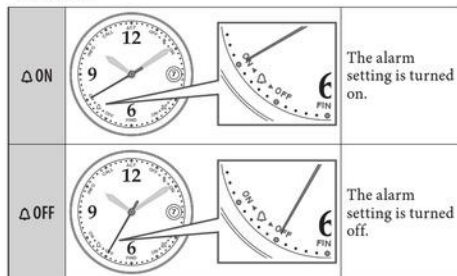


1 Pull the crown out to position ①.

The second hand indicates the alarm setting (Δ ON/OFF).

2 Press the button to switch on/off of the alarm setting.

- Each time you press the button, on/off of the setting changes alternately.



3 Push the crown in to position ① to finish the procedure.

The watch returns to normal indication.

When the time set comes

When the time on the watch comes to that set for alarm while the alarm setting is turned on, the second hand stops and alarm emits sounds.

The second hand returns to normal movement as the alarm stops.

To stop alarm

Press the button.

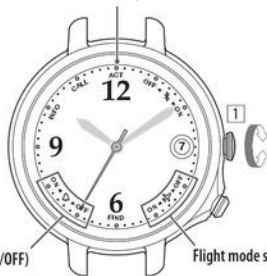
Turning the watch into the flight mode

You can deactivate the function to connect with a smartphone when required such as in a plane or a hospital.



- 1 Pull the crown out to position 1.**
The second hand indicates the alarm setting (Δ ON/OFF).
- 2 Rotate the crown to make the second hand point the flight mode setting (㊄ ON/OFF).**

ACT (0-second position)



Alarm setting (Δ ON/OFF)

Flight mode setting (㊄ ON/OFF)

- Each time you rotate the crown, the second hand moves as follows:
Alarm setting (Δ ON/OFF) → ACT → flight mode setting (㊄ ON/OFF) → (back to the top).

- 3 Press the button to switch on/off of the flight mode setting.**

- Each time you press the button, on/off of the setting changes alternately.



㊄ ON		The flight mode setting is turned on and the connection function becomes unavailable.
㊄ OFF		The flight mode setting is turned off and the connection function becomes available.

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

The watch returns to normal indication.

After turning on the flight mode setting

Connection to the smartphone is closed and the watch cannot connect with it.

- The second hand points "㊄ ON" (25-second position) and returns to normal movement when you try to connect them.
- Automatic time reception also becomes unavailable.

After turning off the flight mode setting

The connection function of the watch becomes available as the flight mode setting is turned off.

Execute connection operation when you want to connect it with the smartphone.

- Check the time and calendar of the watch and adjust them if required.

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.

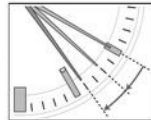


CAUTION

- 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 above.



- When the watch is sufficiently charged, the second hand will move normally.
- If you do not charge the watch for 3 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 and date are indicated correctly.

Charging time by environment

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

Environment	Outdoors (sunny)	Outdoors (cloudy)	20 cm (7-7/8 inches) away from a fluorescent lamp (30W)	Interior lighting
Illuminance (lx)	100,000	10,000	3,000	500
To work for one day	3 minutes	25 minutes	1.5 hours	7 hours
To start working normally when the cell is discharged	40 minutes	2.5 hours	9 hours	45 hours
To use notification and other functions when the cell is discharged	4.5 hours	40 hours	130 hours	-
To become fully charged when the cell is discharged	7.5 hours	60 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

Using with a smartphone	Using with no smartphones
About 1 year*	About 2.5 years

* See the table of "Standard use with the smartphone" in "Specifications" for details such as usage conditions of "Using with a smartphone".

Cautions when connected with a smartphone

- Long-time connection with a smartphone, reception of many notification in a day and using alarm consume much amount of power. Be sure to keep your watch sufficiently charged when connecting the watch with your smartphone for a long time.
- We recommend disconnecting your smartphone (page 4) when connection is not needed.
- Take also care that your smartphone is charged enough.

Power save function

The second and minute hands stop automatically at 0:00 to save power when the dial of the watch has not been exposed to light for a long time.

- The watch works normally even while saving power.
- However, automatic time reception is not executed while saving power.
- The power save function is not activated when the position of the crown is not 0.

Canceling the power save function

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

- After power saving of a long period of time, check the time and calendar of the watch and adjust them if required.

Adjusting the time and calendar manually

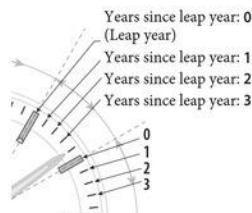
- Pull the crown out to position 1.**
The second hand indicates the alarm setting (Δ ON/OFF).
- Rotate the crown to make the second hand point "ACT" (0-second position).**
 - Each time you rotate the crown, the second hand moves as follows:
Alarm setting (Δ ON/OFF) \rightarrow ACT \rightarrow flight mode setting (ON/OFF) \rightarrow (back to the top).
- Press and hold the button for 2 seconds or more.**
 - Release the button after the second hand swings left and right and points "ACT" (0-second position).
- Press the button to change the target to correct.**
 - Each time you press button , the target changes as follows.
Minute \rightarrow hour/date \rightarrow year/month \rightarrow (back to the top)
 - The hands and indications slightly move when selected to show they become adjustable.
- Rotate the crown to adjust the hand/indication.**
 - Minute/second hands and hour hand/date indication synchronously move respectively.
 - Change of date indication shows it just became AM. Take care the time set is AM or PM.
 - 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.
 - Refer to "Month and year indications" to set the year and month.
- Repeat steps 4 and 5.**
- 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.



Actual year	Years since leap year	Second hand position
2016 2020 2024 2028 2032	0 (Leap year)	Hour marker
2017 2021 2025 2029 2033	1	1st min. marker
2018 2022 2026 2030 2034	2	2nd min. marker
2019 2023 2027 2031 2035	3	3rd min. marker



Ex.: Position of the second hand when setting August 2018
You can find that the years since leap year of 2018 is "2" from the table and the second hand must be set to the 2nd minute marker of August zone.

Troubleshooting

Checking and correcting the reference position

If the time or calendar is not shown correctly even after proper reception of the time info, check whether the reference position is correct.

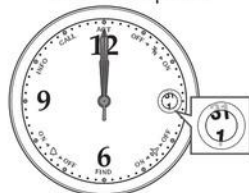
- If the hands and indication do not reflect the correct reference position, the time and calendar will not be indicated accurately even if the time info is received.

What is the reference position?

The base position of all hands and calendar to properly indicate the various functions of this watch.

- Hour, minute and second hands: 0 hour 00 minute 0 second
- Date indication: midway between "31" and "1"

Correct reference positions



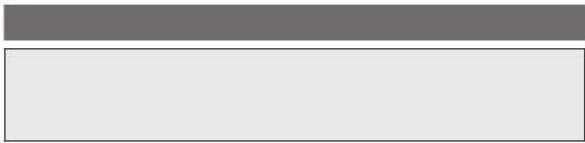
- Pull the crown out to position 1.**
The second hand indicates the alarm setting (Δ ON/OFF).
- Rotate the crown to make the second hand point the flight mode setting (ON/OFF).**
 - Each time you rotate the crown, the second hand moves as follows:
Alarm setting (Δ ON/OFF) \rightarrow ACT \rightarrow flight mode setting (ON/OFF) \rightarrow (back to the top).
- Press and hold the button for 5 seconds.**
The hands and indication start to move to the current reference positions stored in memory.
 - Release the button as the second hand start to move.
- Check the reference positions of them referring to the illustration above.**

Correct	Proceed to step 9 without adjusting the reference position.
Wrong	Proceed to step 5 and correct the reference position.

- Pull the crown out to position 2.**
- Press and release the button repeatedly to change the hand/indication to be corrected.**
 - Each time you press the button, the target changes as follows.
Hour hand/date indication \rightarrow minute/second hands \rightarrow (back to the top)
 - The hands slightly move when selected to show they become adjustable.
- Rotate the crown to adjust the hand/indication.**
 - Minute/second hands and hour hand/date indication synchronously move respectively.
 - 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.
- Repeat steps 6 and 7.**
- Push the crown in to position 0.**
The watch keeps to indicate the reference position.
- Press the button to finish the procedure.**
 - The hands and indication returns normal in 2 minutes without pressing the button.



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