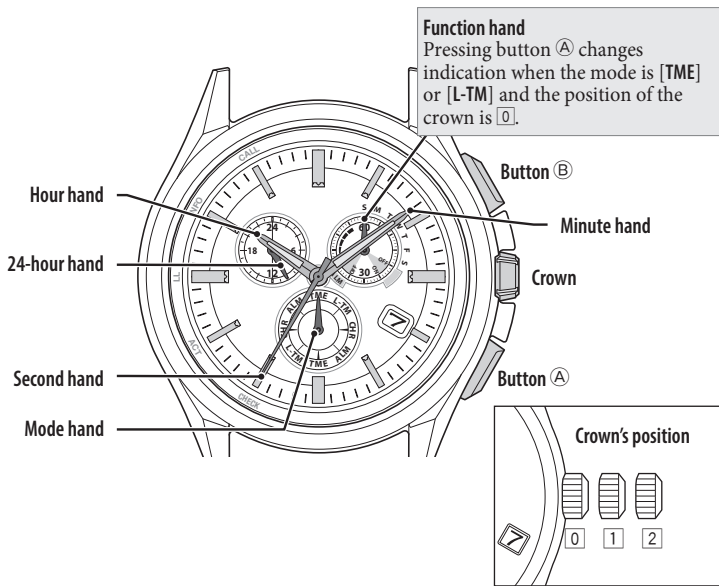


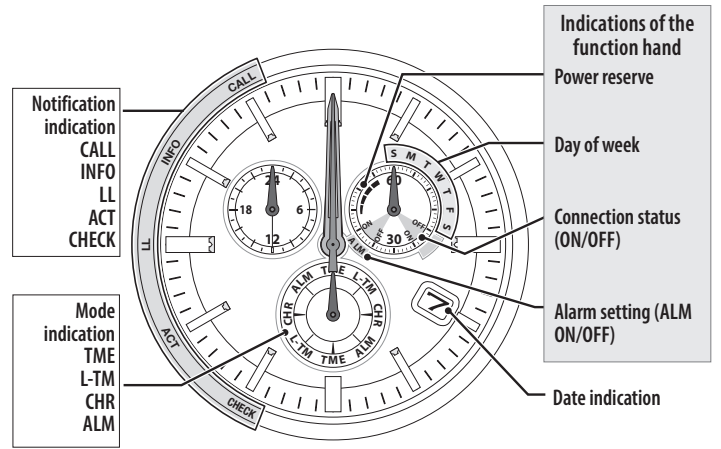
- This watch is solar-powered. Expose the dial to light and use it sufficiently charged.
- To see details of charging time, specifications, and operations, refer to the online guide: <https://www.citizenwatch-global.com/support/html/en/w770r/w770r.html>

Component identification

Hands and buttons



Indication



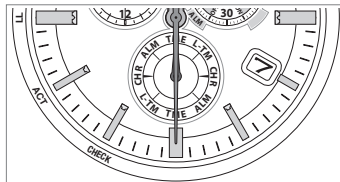
- A solar cell is placed under the dial.
- The illustrations in this instruction manual may differ from the actual appearance of your watch.
- No "CHECK" is printed on the dial on some models.

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.

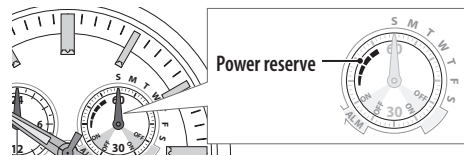


- 2 Rotate the crown to change the mode of the watch.**
 - Turn the crown so that the mode hand will point to a marker of the mode indication securely.
- 3 Push the crown in to position 0 to finish the procedure.**
Indication of the watch changes into that of the mode selected.
 - It may take a moment to change indication.

Checking the power reserve

Checking the power reserve

- 1 Change the mode to [TME] or [L-TM] (page 1) 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.**



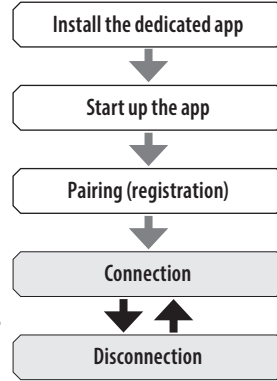
Indication of power reserve in levels

Level	3	2	1	0
Power reserve indication				
Duration (approx.)	With connecting to a smartphone within 6 hours a day (receiving 10 notifications or so and vibrating once every reception)			180 days or shorter
	280 - 250 days	250 - 200 days	200 - 180 days	
Meaning	Without connecting to any smartphone			Level where insufficient charge warning starts
	20.5 - 16.5 months	16.5 - 9 months	9 months - 180 days	
Meaning	Power reserve is sufficient.	Power reserve is OK.	Power reserve is getting low.	Charge immediately.
	OK for normal use			

Before connecting with a smartphone

This watch communicates with smartphones through **Bluetooth Low Energy** power-saving communication technology. You must install the dedicated app "CITIZEN Eco-Drive W770" on your smartphone and start it to make pairing (registration) between the phone and the watch to connect them. The flow of connection is as follows.

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.
- Android is a registered trade mark of Google Inc.
- iOS is a name of an operating system of Apple Inc. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.



Connection

To use the watch connected with a smartphone, the dedicated app must be running on the smartphone.

- On some types of smartphones, you need to change settings to make the app run in the background. For details, refer to the instruction manual on the web page mentioned below.

Compatible smartphones

For information about compatible smartphones (compatible with Android OS 9.0/ iOS 13.3 or newer) and the dedicated app, refer to the instruction manual on the web page mentioned below.

To users now using the dedicated app "CITIZEN Bluetooth Watch"

To use the new dedicated app, "CITIZEN Eco-Drive W770", you need to update the firmware of the watch and uninstall the existing dedicated app, "CITIZEN Bluetooth Watch".

For details, see "Difference between Cal. W770 and Cal. W770 Riiiver" below.

- Instruction manual on the web
<https://www.citizenwatch-global.com/support/html/en/w770r/w770r.html>
- Difference between Cal. W770 and Cal. W770 Riiiver
https://www.citizenwatch-global.com/support/html/en/w770r/intro_w770r.html

Functions available when connected with a smartphone

Functions available through the dedicated app

Pairing (registration)	Execute pairing when connecting the watch and your smartphone for the first time.
Power generation amount check	The power generation amount of the watch is displayed on the app.
Time reception	The watch adjusts time and calendar automatically using time info provided from the smartphone.
Settings of iideas for notification or other purposes	You can execute settings for the iidea for notification of incoming SNS messages, mails or calls or other ones. You can execute settings for up to 62 iideas.
Local time	You can set times of various area in the world on the watch through the map on the screen of the app.
Alarm	You can set alarm times for each day of week, activate/deactivate alarm, and sound-emitting times.
Pairing information	It indicates pairing information registered and stored in the watch (for up to three devices).
Updating the firmware of the watch	You can update the firmware of the watch by connecting with the dedicated app.
Protraction of connection time	You can set connection time of the watch and the smartphone between 6 and 18 hours.
Settings	You can adjust settings of various functions including those of the watch.
Referring to the help	You can see the tutorial, instruction manual, official website, etc.

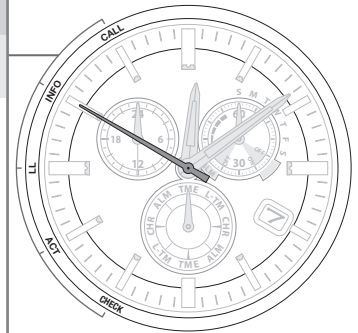
Functions available with the watch

Power reserve check	Power reserve of the watch are indicated.
Pairing (registration)	Execute pairing when connecting the watch and your smartphone for the first time.
Changing the device to connect with	You can choose a smartphone to connect with. • This watch can pair with up to three smartphones. When connecting, switch pairing information to that of the device you want to connect with the watch.
Connection/disconnection	You can connect/disconnect the watch and the registered smartphone.
Notification indication	The second hand, vibration or sound of the watch tells you notifications from an iidea which has notification function. • To receive notifications, the watch and your smartphone must be connected and the dedicated app "CITIZEN Eco-Drive W770" must be running.
Canceling the notification indication	You can cancel notification indication. • The second hand does not move while indicating notification.
Executing iideas	You can execute an iidea previously set by operating buttons and/or the crown of the watch while the watch and your smartphone are connected.
Smartphone search	You can make the registered smartphone emit sound with the watch to find it in a room.
Alarm	You can set alarm times and activate/deactivate the alarm.
Chronograph	Measuring up to 60 minutes in 1-second increments.
Checking and adjusting the reference position	You can check and correct the reference position of the hands of the watch.

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 iidea through operation of the watch (Activation)
CHECK	35 seconds	Indication of an error of an iidea



- 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.

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.


Pairing (registering) the smartphone

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

Registering the smartphone

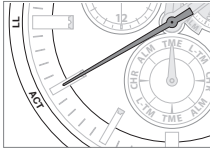
- For registration, you have to operate both the watch and the smartphone.
- Be sure that the watch and the smartphone are charged enough. Especially, check the power reserve of the watch (see page 1) and charge it before registration if the power reserve level is "1" or "0".
- It may take 20 - 30 seconds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

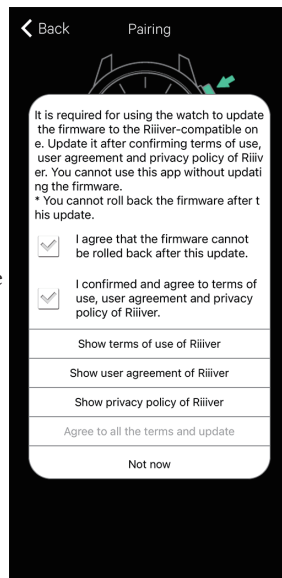
In some case, the following introduction for firmware update may appear after pairing.

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

- 1 Change the mode to [TME] or [L-TM] (page 1) and push the crown in to position 0.**
- 2 Press the lower right button A repeatedly until the function hand indicates connection status (ON/OFF).**



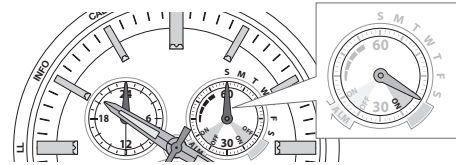
Connection status indication

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

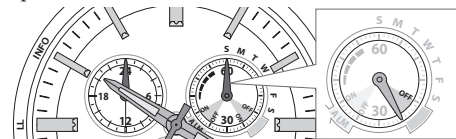
- Cancel the notification indication of the second hand before disconnecting (page 2).
- 1 Change the mode to [TME] or [L-TM] (page 1) and push the crown in to position 0 while connected.**
 - 2 Press and hold the upper right button B for 4 seconds.**
The second hand points "ACT" (40-second position) and, after disconnection, the function hand points "OFF" of connection status.



Connecting

Way to connect the watch to a disconnected smartphone again.

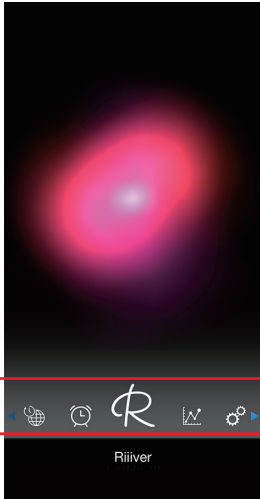
- The watch cannot be connected with a non-registered smartphone. (page 3)
- 1 Change the mode to [TME] or [L-TM] (page 1) and push the crown in to position 0 while disconnected.**
 - 2 Start the dedicated app.**
 - The watch can also be connected with the smartphone when the app is running in background.
 - 3 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.



Screens of the dedicated app

Home screen

It is the screen which appears just after starting up the app.



This graphic pattern on the screen represents power generation amount of the connected watch.

The pattern in the figure means that the power generation amount is almost maximum and the watch is ideally being charged.

Function menu. Scroll it sideways and tap an icon to open a screen for a function.

Some screens do not open when your smartphone is not connected with the watch.

Local Time screen

It is the screen for adjusting settings of the local time function of the watch.

Alarm screen

It is the screen for adjusting settings of the alarm function of the watch.


Riiiver screen

It is the screen for making an account for Riiiver and logging in the service.

Personalization function screen, iiidea setting screen and description screen of the iiidea

The personalization function screen is displayed after logging in the Riiiver service through the Riiiver screen.

You can set iiideas on the iiidea setting screen.

Tapping  in the right of an iiidea name on the iiidea setting screen opens the description screen of the iiidea.

Light Level screen

It is the screen for checking the record of power generation amount of the watch.

Setting screen

It is the screen for adjusting various settings.

Help screen

You can browse various information on the screen.

Using iiidea

To use an iiidea, you need to set it previously to the dedicated app "CITIZEN Eco-Drive W770" on its Riiiver screen. In addition, you can download iiideas you like from the iiidea Store.

- To use an iiidea, the watch and your smartphone must be connected and the dedicated app "CITIZEN Eco-Drive W770" must be running.
- You need to create an account to use the Riiiver screen and the iiidea Store.
- An e-mail address which can be used for e-mail reception is required for making an account.
- You do not have to execute log in every time.

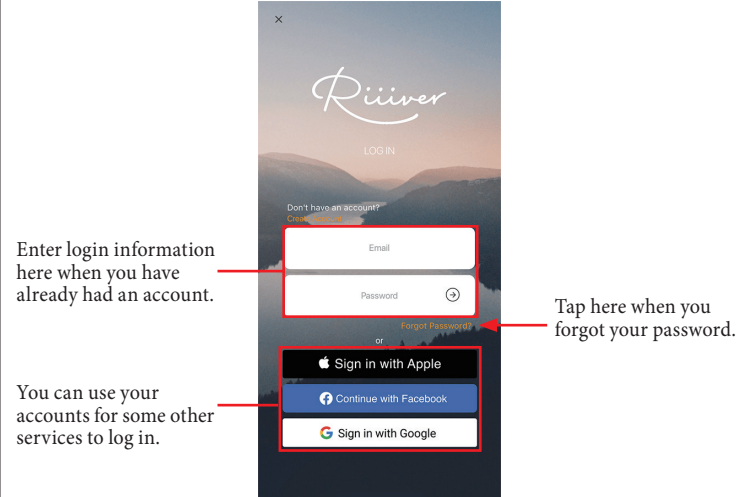
Making a Riiiver account and logging in

1 Start the dedicated app "CITIZEN Eco-Drive W770".

- You can execute the steps below even when your smartphone is not connected with the watch.

2 Tap on the home screen.

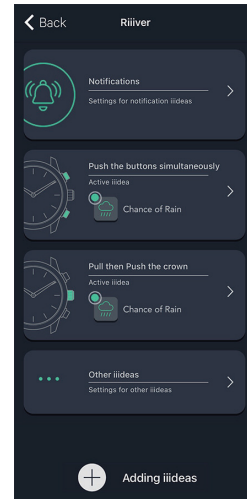
3 Tap "Create Account" on the Riiiver LOG IN screen.



4 Make an account following instruction on the screen.

After making an account, you automatically log in the Riiiver service and the personalization function screen appears.

Personalization function screen

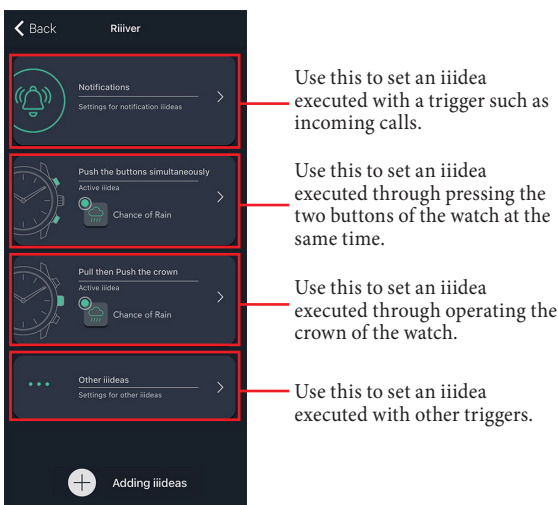


Setting an iiidea

Open the personalization function screen on the dedicated app "CITIZEN Eco-Drive W770" before trying the following steps.

1 Select the type of the iiidea you want to set.

Personalization function screen



Use this to set an iiidea executed with a trigger such as incoming calls.

Use this to set an iiidea executed through pressing the two buttons of the watch at the same time.

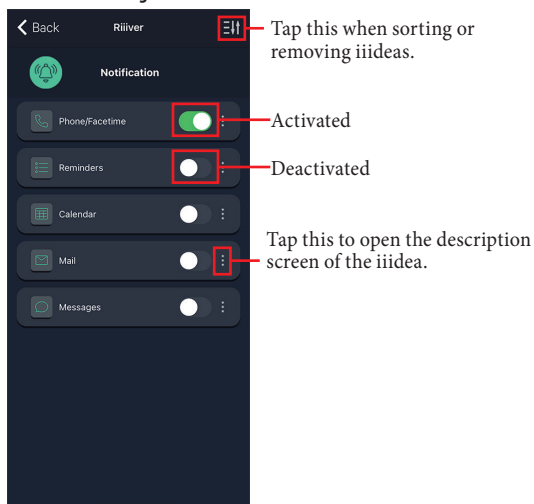
Use this to set an iiidea executed through operating the crown of the watch.

Use this to set an iiidea executed with other triggers.

The iiidea setting screen is opened.

2 Tap the switch of the iiidea you want to use to activate it.

iiidea setting screen



Tap this when sorting or removing iiideas.

Activated

Deactivated

Tap this to open the description screen of the iiidea.

■ Adding an iiidea

1 Tap "Adding iiideas" on the personalization function screen.

The iiidea Store is opened.

2 Choose an iiidea you want to add and tap "Download".

3 Return to the iiidea setting screen and activate the added iiidea.

Executing an iiidea through the watch

Some iiideas are executed through operation on the watch.

- The watch and the smartphone must be connected.
- The iiidea which you want to execute through the operation on the watch must be set on the dedicated app.

Executing an iiidea by operating the buttons of the watch

1 Confirm that the watch and your smartphone is connected and the dedicated app is running.

- If not, start up the dedicated app and press and release the upper right button **ⓑ**.

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

- When the second hand stops to indicate notification, press and hold the lower right button **Ⓐ** or the upper right button **ⓑ** of the watch for 1 second or more to cancel the indication.

3 Press and release both the lower right button **Ⓐ** and the upper right button **ⓑ** of the watch simultaneously.

The iiidea is executed.

Executing an iiidea by operating the crown

1 Confirm that the watch and your smartphone is connected and the dedicated app is running.

- If not, start up the dedicated app and press and release the upper right button **ⓑ**.

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

3 Change the position of the crown within 3 seconds as follows: **0** → **2** → **0**.

The iiidea is executed.

Making the smartphone emit sound

You can make the smartphone currently chosen as the connection target emit sound when it exists in connectable range.

- This function is available even when the phone is not connected.
- Cancel the notification indication of the second hand before disconnecting (page 2).

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

2 Press and release both the lower right button **Ⓐ** and the upper right button **ⓑ** simultaneously.

The smartphone starts emitting sound.

- The sound does not stop until it is stopped on the smartphone.

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

Removing pairing (registration) information

Removing the registration information on the watch

- Make sure to remove registration information also on your smartphone when you removed registration information on the watch.

1 Change the mode of the watch to [TME] (page 1) 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).

2 Rotate the crown to choose registration information to remove.

3 Press and hold the upper right button **ⓑ** for 7 seconds.

The second hand turns fully around and removing is finished.

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

The second hand and function hand return to normal indication.

Removing registration information on the smartphone

1 Remove "W770 Riiiver" from the list of registered Bluetooth devices on the smartphone.

For the method to remove, refer to your smartphone.

- When "W770 Riiiver" cannot be seen, it has already been deleted.



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 1) 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.

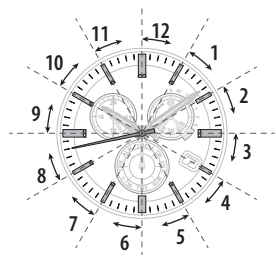
5 Repeat steps 3 and 4.

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

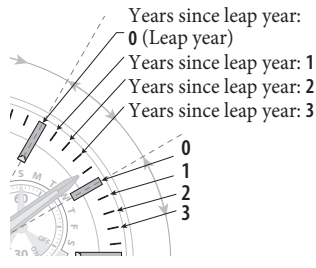
Month and year indications

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

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.

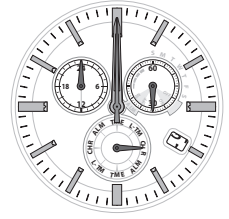
- If the hands and indication do not reflect the correct reference position, the time and calendar will not be indicated accurately even if the time info is received.

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
- 24-hour hand: “24”
- Date indication: midway between “31” and “1”
- Function hand: “30” (straight below)

Correct reference positions



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

The second hand moves to the current reference positions stored in memory and stops.

2 Press and hold the lower right button [A] for 2 seconds.

The hands and indication start to move to the current reference positions stored in memory.

- Release the button as the hands start to move.

3 Check the reference positions of them referring to the illustration above.

Correct	Push the crown in to position [0] to finish the procedure. Set the mode to [TME] after that.
Wrong	Proceed to step 4 and correct the reference position.

4 Press and release the lower right button [A].

The function hand slightly moves and the hand and date indication become adjustable.

5 Press and release the lower right button [A] repeatedly to change the hand/indication to be corrected.

- Each time you press the button, the target changes as follows:
Function hand/date indication → hour, minute and 24-hour hands → second hand → (back to the top)
- The hands slightly move when selected to show they become adjustable.
- The function hand points “60” (straight above) when the hour, minute and 24-hour hands are the targets of adjustment.

6 Rotate the crown to adjust the hand/indication.

- The hour, minute and 24-hour hands move synchronously.
- Date indication changes to the next as the function hand rotates 5 times.
- 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.

7 Repeat steps 5 and 6.

8 Push the crown in to position [0].

9 Change the mode to [TME] to finish the procedure.

Resetting the watch - All Reset

When the watch does not work properly, you can reset all the settings. If the power reserve is insufficient, charge the watch first.

Be sure to perform the following operations after All Reset.

1. Correct the reference positions.

After All Reset, the watch is in the reference position adjustment mode. Refer to step 4 and after of “Checking and correcting the reference position”.

2. Adjust the time and calendar.

Adjust the time and calendar manually (page 6) or by connecting with your smartphone.

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

2 Press and hold buttons [A] and [B] at the same time for 4 seconds or more and release them.

The watch emits alarm sound and vibrates as the buttons are released and the hands move to their current reference position.

The setting values after All Reset	
Calendar	January 1 of leap year, Sunday
Local time	±0 from UTC
Alarm setting	ALM OFF
Alarm time	0:00 AM
Registration information of smartphones	Registration information is kept and registration information 1 is set as connection target.
Connection status	OFF

