SEIKO

N830
Bluetooth Link Watch

INSTRUCTION MANUAL

Thank you very much for choosing a SEIKO watch. For proper and safe use of your SEIKO watch, please read carefully the instructions in this booklet before using it.

Keep this manual handy for easy reference.

※ Length adjustment service for metallic bands is available at the retailer from whom the watch was purchased. If you cannot have your watch repaired by the retailer from whom the watch was purchased because you received the watch as a gift or you moved to a distant place, please contact SEIKO CUSTOMER SERVICE CENTER.
The service may also be available on a chargeable basis at other retailers, however, some retailers may not undertake the service.

※ If your watch has a protective film for preventing scratches, make sure to peel it off before using the watch. If the watch is used with the film on it, dirt, sweat, dust, or moisture may be attached to the film and may cause rust.

CONTENTS

1. ABOUT THIS PRODUCT

Handling Precautions 3
About the Radio Act 5
About the Radio Act 5
About Radio frequency 5
Cautions for Use of 2.4 GHz Equipment 5
Use of Bluetooth Communication Function of the Watch outside Japan 5
About Bluetooth® 8
Specifications of Bluetooth 8
Caution for Use of Bluetooth Connection 8
License and Trademark 8
Features 9
Names of Parts 9
Functions of Each Mode 10

2. TIME SYNCHRONIZATION VIA BLUETOOTH COMMUNICATION

Registration of Watch 11
Precautions on Using Time Synchronization Function via Bluetooth Communication 11
Before Registering the Watch 11
To Start Registration 11
How to Receive Time/Calendar Data 12
Automatic Reception 12
Manual Reception 12
Display of Reception Result 13

3. MANUAL TIME ADJUSTMENT FUNCTION OF TIME MODE

How to Adjust Time Manually 14
Operation Method 15

4. CALENDAR FUNCTION

How to Show Calendar Display 16
Calendar Display 16
Operation Method 16
How to Adjust Calendar Manually 17
Operation Method 18

5. SIMPLIFIED WORLD TIME FUNCTION

How to Use Simplified World Time Function 19
Operation Method 19

6. HAND POSITION ADJUSTMENT

How to Adjust Hand Position 20
Operation Method 20

7. TO PRESERVE THE QUALITY OF YOUR WATCH

Daily Care 21
Performance and Type 21
Water Resistance 22
Band 23
Remarks on Battery 24
After-Sales Service 25

8. TROUBLESHOOTING

Troubleshooting 26
How to Reset Built-In IC (System Reset) 29
Operation Method 29

9. SPECIFICATIONS

Specifications 30

Handling Precautions (1)

⚠ WARNING

To indicate the risks of serious consequences such as severe injuries unless the following safety regulations are strictly observed.

・Immediately stop wearing the watch in the following cases.

◯ If the watch body or band becomes edged by corrosion, etc.
◯ If the pins protrude from the band

※ Immediately consult the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.

・Keep the watch and accessories out of the reach of babies and children.

Care should be taken to prevent a baby or a child from accidentally swallowing accessories.
If a baby or a child swallows the battery or accessories, immediately consult a doctor as it will be harmful to the health of the baby or child.

・Do not remove the battery from the watch.

Replacement of the battery requires professional knowledge and skill. For battery replacement, please ask the retailer from whom the watch was purchased .
Do not charge the battery.
It may explode, generate heat or catch fire.

⚠ CAUTION

To indicate the risks of light injuries or material damage unless the following safety regulations are strictly observed.

・Avoid wearing or storing the watch in the following places.

◯Places where volatile agents (such as polish remover, bug repellent, thinners, etc.) are vaporizing
◯Places where the temperature drops below 5 ℃ or rises above 35 ℃ for a long time
◯Places of high humidity ◯Places affected by strong magnetism or static electricity
◯Dusty places ◯Places affected by strong vibrations

※Do not leave the old battery inside the watch for a long time. Battery leakage may occur.

・If you observe any allergic symptoms or skin irritation,

Stop wearing the watch immediately and consult a specialist such as a dermatologist or an allergist.

・Other cautions

◯ Replacement of the metal band requires professional knowledge and skill. Please ask the retailer from whom the watch was purchased for replacement of the metal band, as there is a risk of hand or finger injury and fear of losing parts.
◯ Do not disassemble or tamper with the watch.
◯ Keep the watch out of the reach of babies and children. Extra care should be taken to avoid risks of any injury or allergic rash or itching that may be caused when they touch the watch.
◯ When disposing of used batteries, follow the instructions of your local authorities.
◯ If your watch is of the fob or pendant type, the strap or chain attached to the watch may damage your clothes, or injure the hand, neck, or other parts of your body.

Handling Precautions (2)

⚠ WARNING

Do not use the watch for scuba diving or saturation diving.

The various tightened inspections under simulated harsh environment, which are usually required for watches designed for scuba diving or saturation diving, have not been conducted on this watch. For diving, use special watches for diving.

The radio waves emitted from this product may have a negative impact and cause an accident due to a malfunction.

- Do not use this product near medical equipment. The radio waves may affect pacemakers and electric medical equipment . Do not use it in crowded places such as packed trains, and inside of medical institutions.
- Do not use this product near automatic control devices such as automatic doors and fire alarm systems.

In the places where transmission of radio waves is prohibited, such as in airplanes, turn off the automatic reception function of the watch, and do not perform manual reception.

The radio waves emitted from this product may adversely affect other devices.

⚠ CAUTION

Do not pour running water directly from faucet onto the watch.

The water pressure of tap water from a faucet is high enough to degrade the water resistant performance of a water resistant watch for everyday life.

Do not push the buttons when the watch is wet.

Water may get inside of the watch.

※ If the inner surface of the glass is clouded with condensation or water droplets appear inside of the watch for a long time, the water resistant performance of the watch is deteriorated. Immediately consult the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER .

Do not leave moisture, sweat and dirt on the watch for a long time.

Be aware of a risk that a water resistant watch may lessen its water resistant performance because of deterioration of the adhesive on the glass or gasket, or the development of rust on stainless steel.

Do not wear the watch while taking a bath or a sauna.

Steam, soap or some components of a hot spring may accelerate the deterioration of water resistant performance of the watch.

About the Radio Act (1)

About the Radio Act

This product is certified as a low power data communication system based on the Radio Act in Japan.
It is not necessary to obtain a license, etc., to use this product in Japan.
It is illegal to disassemble and modify this product.

[Certification No.]

(N85)
001–A15298

About Radio frequency

The frequency used by this product may be used also by other wireless equipment. To prevent radio wave interference with other radio equipment, be careful about the following when using this product.
This radio product uses the 2.4 GHz band. As a modulation method, the GFSK modulation method is adopted, and the interference distance is 10 m.

2. 4XX1

Cautions for Use of 2.4 GHz Equipment

The operation frequency of this product is 2.4 GHz band.
In this frequency band, besides industrial/scientific/medical equipment such as microwave ovens, other similar radio stations, in-plant radio stations for mobile object identification that require licenses used for manufacturing lines, etc., of plants, specific low power radio stations that do not require licenses, amateur radio stations, etc. (hereinafter referred to as "other radio stations") are operated.

- Before using this product, make sure that "other radio stations" are not operating nearby.
- If radio wave interference occurs between this product and "other radio stations", change the location in which this product is used or stop using this product (stop emitting radio waves) immediately.
- If you have any questions or troubles, please contact the SEIKO CUSTOMER SERVICE CENTER.

Use of Bluetooth Communication Function of the Watch outside Japan

This watch connects with a smartphone using the Bluetooth wireless technology to perform time synchronization. To use its Bluetooth function in countries or regions outside Japan, the watch must be certified by the radio law thereof. Use of the function in a country or region where such certification has not been obtained may subject the user to punishment.

Use of the Bluetooth function of the watch other than the following countries and regions may be illegal (as of March 2020).

Japan, U. S. A., Canada, Australia, New Zealand, Korea, Belgium, Bulgaria, Czech, Denmark, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Austria, Poland, Portugal, Rumania, Slovenia, Slovakia, Finland, Sweden, U. K., Turkey, Norway, Iceland, Liechtenstein, Hong Kong, Macau, Ecuador, Colombia, Vietnam, and Peru

When the watch is used in countries or regions other than those above, turn off the automatic reception function, and refrain from using the manual reception function.
For details, visit our website: https://www.seikowatches.com/jp-ja/customerservice/bluetooth

About the Radio Act (2)

REGULATORY COMPLIANCE/ CONFORMITÉ RÉGLEMENTAIRE/ 규정 준수

USA

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Canada

IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Avis

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage;

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

EU

This product is in compliance with the essential requirements and other relevant provisions of the RE Directive (2014/53/EU) & RoHS Directive (2011/65/EU).

https://www.seikowatches.com/global-en/products/declaration-conformity

대한민국

- 등록번호 : R-R-skw-N830
- 신청자 : SEIKO WATCH CORPORATION
- 제조자 : SEIKO WATCH CORPORATION
- 제품명 : Bluetooth watch
- 모델명 : N830
- 제조 년월 : 구입처에 문의해주십시오
- 제조국 : 중국

Australia

New Zealand

R-NZ

About the Radio Act (3)

REGULATORY COMPLIANCE FOR USA/CANADA

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Innovation, Science and Economic Development Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC & IC Radiation Exposure Statement:

This equipment complies with FCC and Canada radiation exposure limits set forth for an uncontrolled environment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Déclaration d'IC sur l'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux radiations définies par le Canada pour des environnements non contrôlés.
Cet émetteur ne doit pas être installé au même endroit ni utilisé avec une autre antenne ou un autre émetteur.

About Bluetooth®

Specifications of Bluetooth

- Communication method: Bluetooth Standard Ver. 5.0
- Frequency band used: 2.4 GHz band (2,402 to 2,480 MHz)
- Modulation method: GFSK (1 MHz)

Caution for Use of Bluetooth Connection

- The range in which the Bluetooth connection of this product is possible varies depending on obstacles (human bodies, metal, walls, etc.) and the surrounding radio wave state.
  Under the following conditions, the Bluetooth connection may take a long time or a connection error may occur.

  Places where a wireless LAN exists;
  Around microwave ovens in use; and
  When other products with a communication function are used.

  In such cases, data sending/receiving may fail, however, it is not a malfunction.
  Use the product in other environment.
- The radio waves emitted by this product may affect operations of electronic medical equipment, etc.

  In some cases, this may lead to serious accidents. Therefore, avoid Bluetooth connections in the following places:

  Hospitals; near priority seats in trains; airplanes; places such as gas stations where flammable gas is generated; near automatic doors; and fire alarm systems.
- Note that we are not liable for any information leakage that may occur with the Bluetooth connection.

License and Trademark

Bluetooth® is a trademark or registered trademark of Bluetooth SIG, Inc.
Seiko Watch Corporation uses this logo mark under license.

Features

Your watch is a Bluetooth® Link Watch that corrects the time automatically by connecting with a smartphone using the dedicated application Time Connect※.
To transmit data between the watch and the smartphone, make sure that the smartphone is installed with Time Connect.
In addition to the time display function, the watch is equipped with perpetual calendar and Simplified World Time Function.

Time Synchronization via Bluetooth Communication

Time data is transmitted between the watch and the dedicated application via Bluetooth communication to correct the time/calendar of the watch. The data can be received either automatically or manually as required by operating the button. The watch indicates whether the reception has succeeded or failed.

Perpetual Calendar

The day of week and date are indicated by the hour hand and minute hand respectively. The calendar adjusts automatically for odd and even months including February of leap years up to February 28, 2100.

Simplified World Time

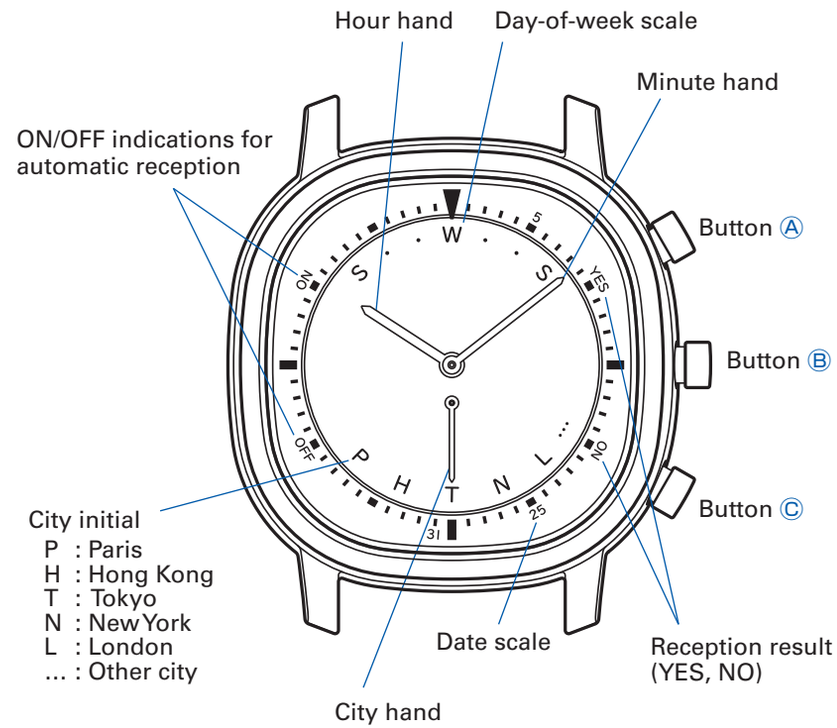
By setting the city hand to a desired city initial on the dial, the time of five cities in the world can be indicated by the hands. When the time is synchronized either automatically or manually via Bluetooth communication, the city hand moves to the initial of the current location.

Battery Life Indicator

When the battery nears its end, the city hand locks in the 9 o'clock direction to warn that it needs to be replaced with a new one immediately. (Once in this state, the operations of all of the buttons become disabled (the buttons do not function).)

※Time Connect supports the following OSs (as of March 2020).
• iOS 11 or later • Android Ver. 7 or later
For the latest information on the supported OS, please visit our website below:
https://www.seikowatches.com/jp-ja/customerservice/bluetooth

Names of Parts

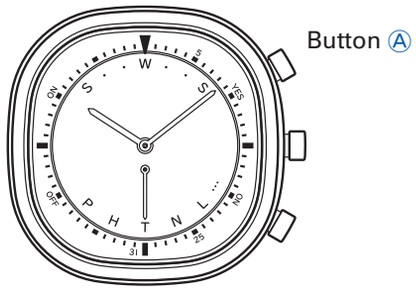


※The markings on the bezels and the design of the watch may differ from model to model.

Functions of Each Mode

●The mode changes as follows by pressing Button Ⓐ.

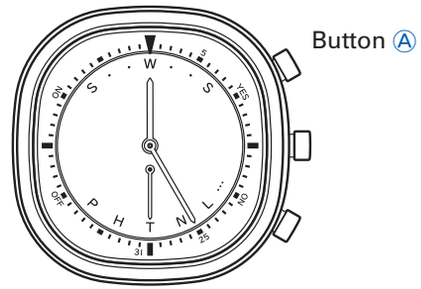
TIME mode



Ⓐ

Ⓐ

CALENDAR mode

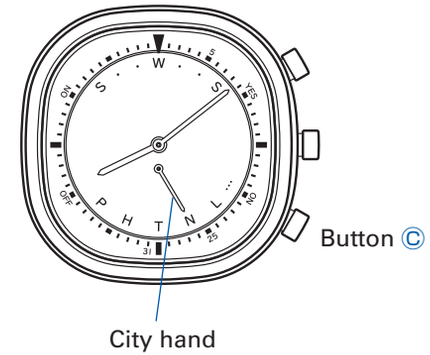


- Time display
- Simplified World Time Function (P. 19)
- Display of reception result (P. 13)
- Automatic time synchronization via Bluetooth communication (P. 12)
- Turning on/off of automatic time synchronization function (P. 12)
- Manual time synchronization via Bluetooth communication (P. 12)
- Time setting with watch buttons (P. 14)
- Hand position adjustment with watch buttons (P. 20)

- Day of week and date display with hour hand and minute hand (P. 16)
- Simplified World Time Function (P. 19)
- Display of reception result (P. 13)
- Automatic time synchronization via Bluetooth communication (P. 12)
- Manual time synchronization via Bluetooth communication (P. 12)
- Turning on/off of automatic time synchronization function (P. 12)
- Calendar setting with watch buttons (P. 17)

About Simplified World Time Function

When Button Ⓒ is pressed, the city hand moves to display the current time in 5 cities around the world. (Refer to P. 19 for details)



Registration of Watch

Precautions on Using Time Synchronization Function via Bluetooth Communication

When using the time synchronization function via Bluetooth communication, please observe the following:

⚠ CAUTION

※ Keep the dedicated application running at all times.
※ Keep your smartphone within 3 meters from the watch.
※ In the places where use of radio waves is prohibited, such as in airplanes and hospitals, turn off the automatic reception function of the watch, and do not perform manual reception.
※ Your watch is compliant with or certified by the radio law of various countries and regions. Use of it in areas other than those may be illegal and subject you to punishment. (Refer to P. 5.)

● Before using the watch with a smartphone for the first time, be sure to register it to the dedicated application. Registration procedure is no longer required for Bluetooth communication thereafter.

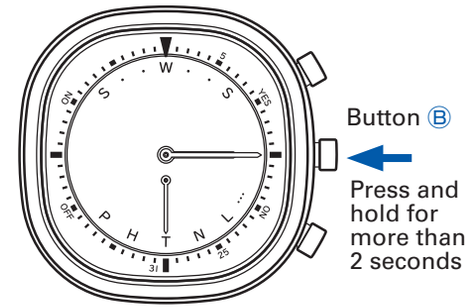
Before Registering the Watch

● For the information on downloading and installation of the dedicated application "Time Connect," refer to the "Application Operating Guide for N8 Series Watches".
(https://www.seikowatches.com/jp-ja/customerservice/bluetooth)

1. Enable the Bluetooth function on the smartphone.
   ※The method of enabling the Bluetooth function differs depending on the model of the smartphone. For details, please refer to the instruction manual for your smartphone.
2. Start up the dedicated application "Time Connect."
   While registering the watch, make sure that the application screen is kept displayed on the smartphone.

To Start Registration

① Checking that the watch is in TIME mode, press and hold Button Ⓑ at the 3 o'clock position for more than 2 seconds. The hour hand and minute hand point to the 3 o'clock position, and the communication with the smartphone starts.



[Press and hold Button Ⓑ for more than 2 seconds in TIME mode]

② Check that the registration of the watch is completed successfully.
When the watch connects with the application of the smartphone, "Watch registered" is shown on the application screen, indicating that the watch has been successfully registered to the application.

Each time the watch is used with a new smartphone, be sure to install the dedicated application on the smartphone, and follow the procedure in “Registration of Watch” above.

How to Receive Time/Calendar Data (1)

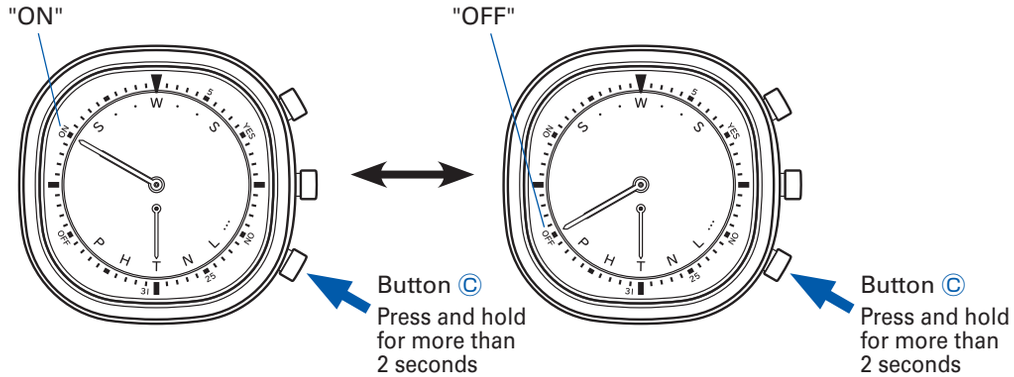
Automatic Reception

- To enable the automatic reception function, follow the procedure below to turn it ON.

① Press and hold Button Ⓒ for more than 2 seconds. The hour hand and minute hand point to "ON" or "OFF," indicating the current setting status of the automatic reception function for 5 seconds.

② With each continuous press of Button Ⓒ for more than 2 seconds during the setting status display, the hour hand and minute hand move and the automatic reception function is turned "ON" and "OFF" alternately.

※ When the automatic reception function is turned on, the watch automatically receives the time data once in 24 hours at the same time of day when the time synchronization was performed previously.



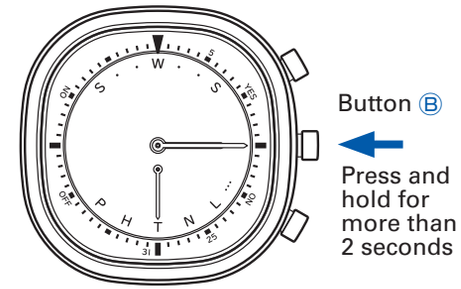
[Automatic reception is turned ON] [Automatic reception is turned OFF]

※ If the time of automatic reception comes while in CALENDAR mode, the mode changes over to TIME after the communication is completed.

※ If the time of automatic reception comes while the manual adjustment of time (see P. 14) or calendar (see P. 17), or hand position adjustment (see P. 20) is being made, the reception is performed after the adjustment procedure is completed.

Manual Reception

- Checking that the watch is in TIME mode, press and hold Button Ⓑ at the 3 o'clock position for more than 2 seconds. The hour hand and minute hand point to the 3 o'clock position, and the communication with the smartphone starts.



[TIME mode]

The manual reception can be performed whenever necessary irrespective of whether the automatic reception function is turned on or off.

[When the reception was successful]

① The hour hand and minute hand point to "YES" near the 2 o'clock position.

② After this, the city hand moves to the position of the received current city, and the hour hand and minute hand move to the current time in the city indicated by the city hand.
(For cities other than the five cities on the dial, the city hand moves to "...(Other city)".)

[When the reception failed]

① The hour hand and minute hand point to "NO" near the 4 o'clock position.

② The displayed time does not change from the display before reception.

How to Receive Time/Calendar Data (2)

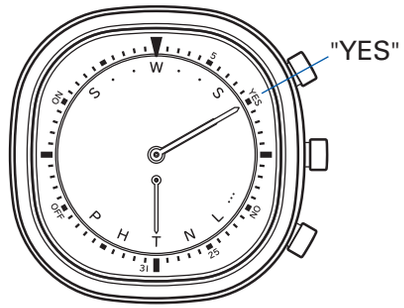
Display of Reception Result

- After the communication was performed either automatically or manually, the hour hand and minute hand indicate the reception result for 5 seconds.

  ※ If the time of automatic reception comes while in CALENDAR mode, the mode changes over to TIME after the reception result is displayed.

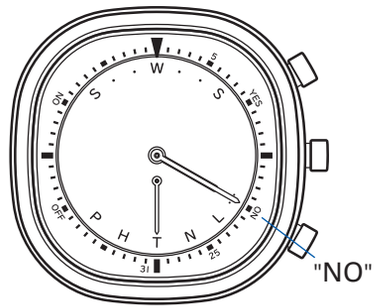
[When the reception was successful]

When the data was received normally, the hour hand and minute hand point "YES" near the 2 o'clock position.

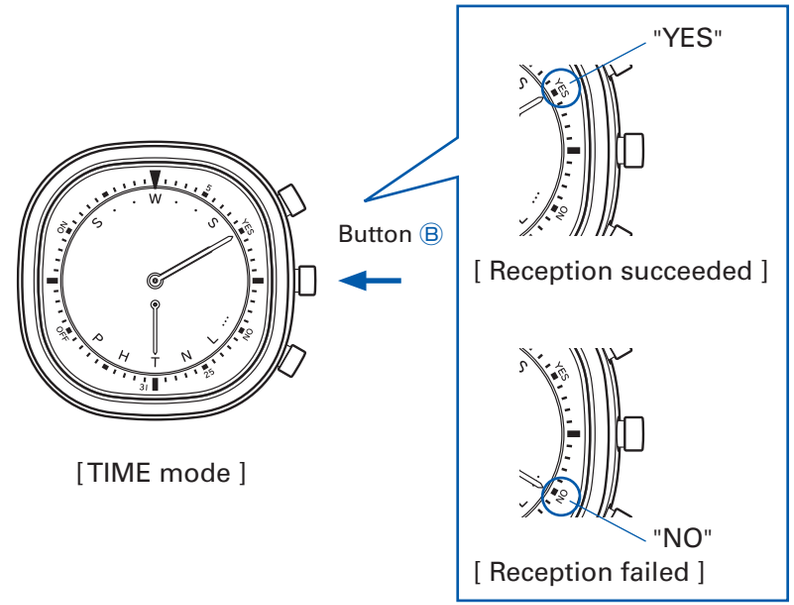


[When the reception failed]

When the data reception failed, the hour hand and minute hand point "NO" near the 4 o'clock position.



- Press Button Ⓑ while in TIME mode. The hour hand and minute hand point to "YES" or "NO" to indicate the result of the last reception performed in the past 24 hours for 5 seconds.



※ If no reception succeeded or no communication was performed in the past 24 hours, the hour hand and minute hand point to "NO."

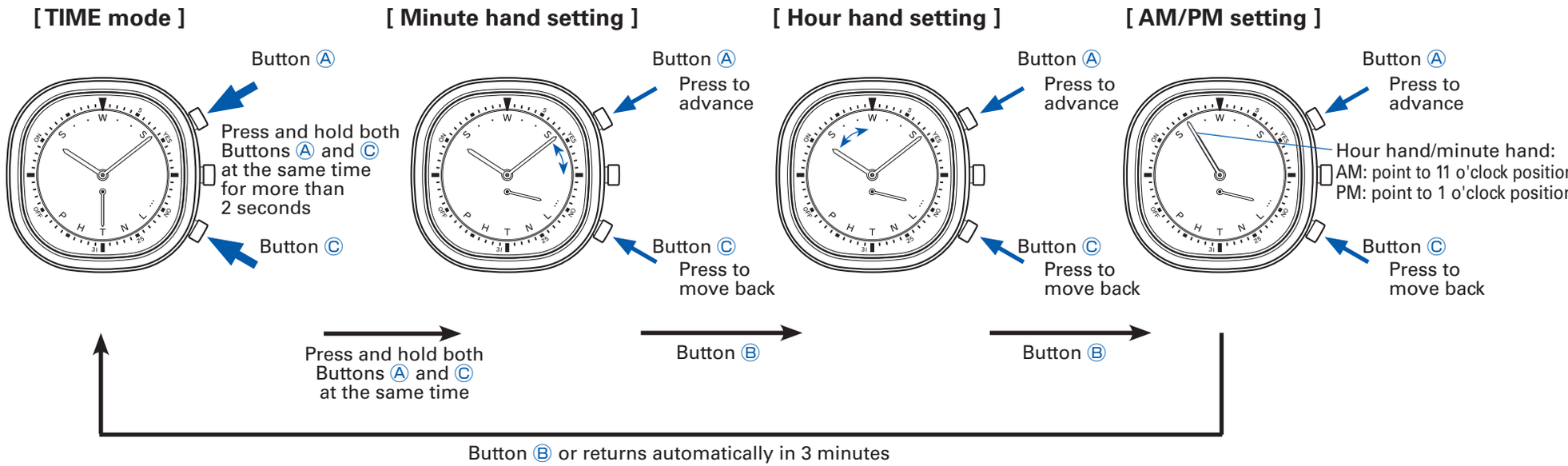
If the reception failed, check the following before performing manual reception again:

- Is the smartphone kept within 3 meters from the watch?
- Is the dedicated application on the smartphone kept running?
- Is the watch registered to the dedicated application, and is the application configured properly?

How to Adjust Time Manually (1)

● If the time synchronization function of the watch via the Bluetooth communication cannot be used for some reason, such as you do not have the smartphone at hand, or it runs out of battery, it is possible to adjust the time manually in TIME mode using the watch alone.

When the time is adjusted manually, the Simplified World Time display is fixed at "...".
To change the Simplified World Time, perform synchronization of the time/calendar using time synchronization via Bluetooth communication. (Refer to P. 11.)



How to Adjust Time Manually (2)

Operation Method

① Pressing Button Ⓐ switches between TIME mode and CALENDAR mode. Switch to TIME mode.

② Press and hold both Buttons Ⓐ and Ⓒ at the same time for more than 2 seconds to activate the manual time setting function.

The minute hand moves to the "0 second" position of the minute next to the one currently displayed. Then, the minute hand moves to indicate that it is ready for setting.

[Ex.) If the time is 10:08 PM when the time adjustment function is activated]

By pressing and holding Buttons Ⓐ and Ⓒ simultaneously for more than 2 seconds, the hour and minute hands move to the positions indicating "10:09 00."

③ Press Button Ⓐ or Ⓒ to set the minute hand.

※ With each press of Button Ⓐ or Ⓒ, the minute hand advances or moves back 1 minute, respectively. It moves quickly if the respective buttons are kept pressed.

④ After the minute hand setting is completed, press Button Ⓑ. The hour hand moves to indicate that it is ready for setting.

⑤ Press Button Ⓐ or Ⓒ to set the hour hand.

※ With each press of Button Ⓐ or Ⓒ, the hour hand advances or moves back 1 hour, respectively. It moves quickly if the respective buttons are kept pressed.

※ If the time period changes from AM to PM or vice versa by moving the hour and minute hands, the AM/PM setting will also change accordingly. The calendar display, however, will not change even if the time is advanced from PM to AM period. To set the calendar manually, use the calendar adjustment function (see P. 17).

⑥ After all the time setting procedure is completed, press Button Ⓑ. The hour hand and minute hand move to indicate that it is ready for AM/PM setting.

⑦ Press Button Ⓐ or Button Ⓒ to set AM or PM.

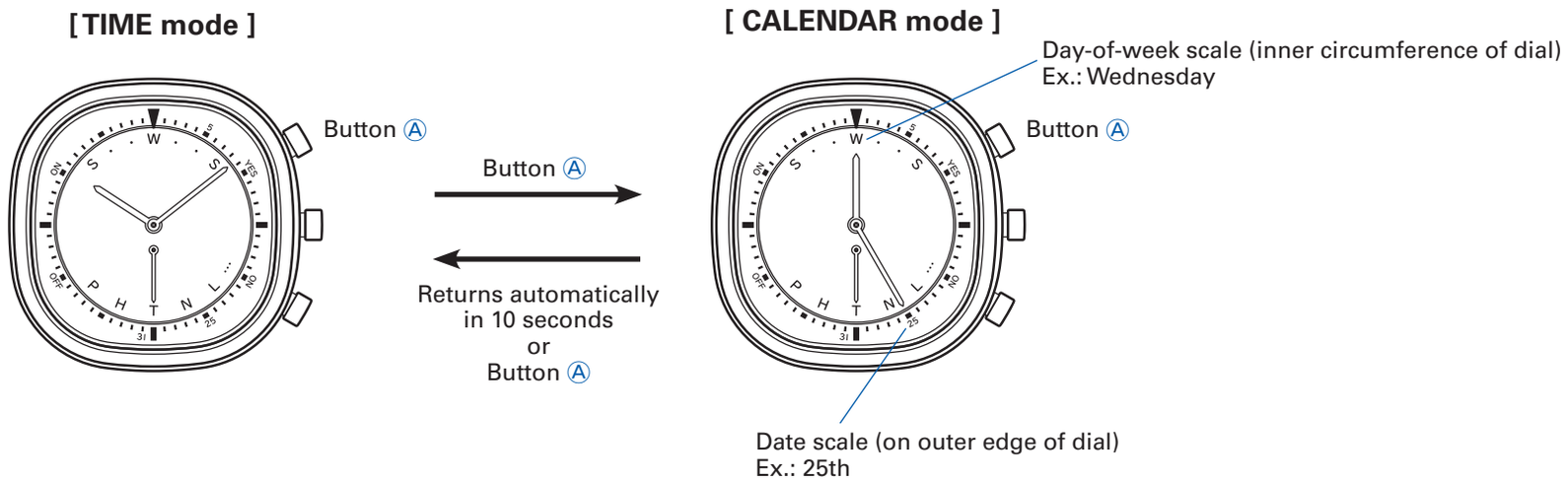
※ Set to the 11 o'clock position if the display time is AM or the 1 o'clock position if the display time is PM.

⑧ After all the time setting procedure is completed, press Button Ⓑ in accordance with a time signal. The time is set and the display returns to the time. If the watch is left untouched for 3 minutes, the time setting function is also deactivated, and the time you have set is registered.

How to Show Calendar Display

Calendar Display

The day of the week and the date are indicated by the hour hand and minute hand. The watch is equipped with a perpetual calendar function that adjusts automatically for odd and even months including February of leap years up to February 28, 2100.



Operation Method

① Press Button Ⓐ in TIME mode to change the mode to CALENDAR.

② The minute hand indicates "date." Read the date scale on the outer edge of the dial that the minute hand points to.
The hour hand indicates "day of the week." Read the day-of-week scale on the inner edge of the dial that the hour hand points to.
The mode automatically returns from CALENDAR to TIME in 10 seconds.

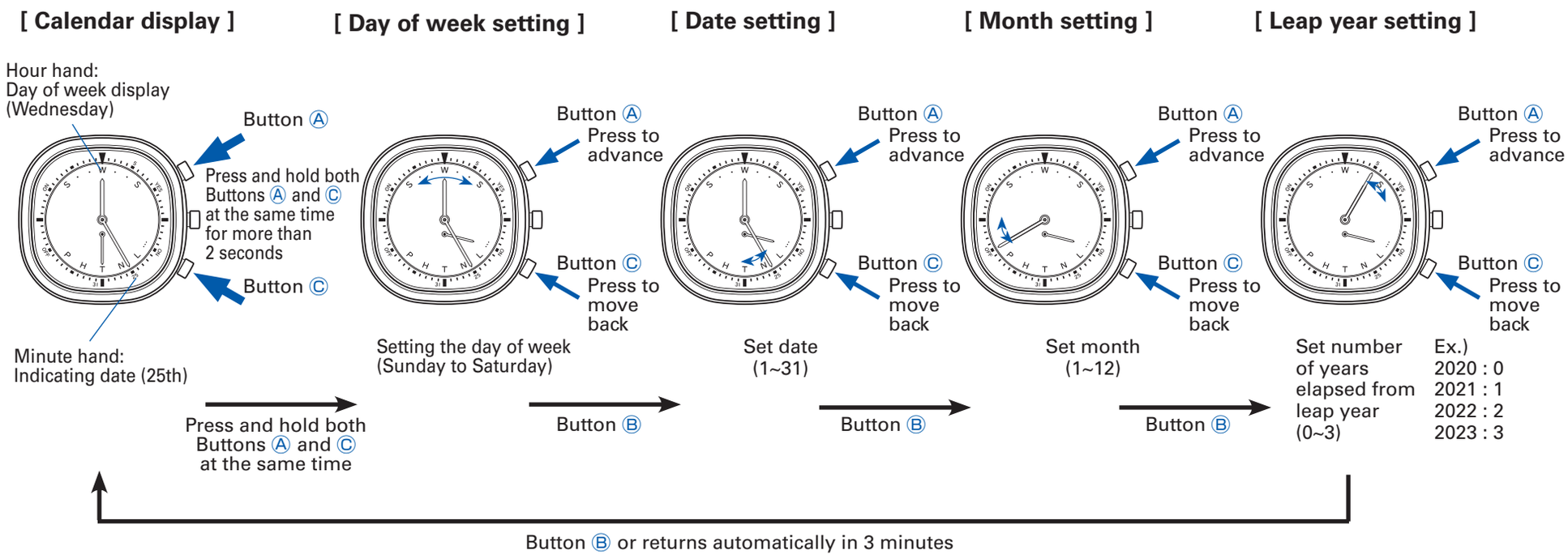
※ Pressing Button Ⓐ while in CALENDAR mode also returns the mode to TIME.

How to Adjust Calendar Manually (1)

- If the time synchronization function of the watch via the Bluetooth communication cannot be used, it is possible to adjust the calendar manually using the watch alone.

When the calendar is adjusted manually, the Simplified World Time display is fixed at "...".
To change the Simplified World Time, perform synchronization of the time/calendar using time synchronization via Bluetooth communication. (Refer to P. 11.)

Ex.) To set calendar to August 25, 2021



How to Adjust Calendar Manually (2)

Operation Method

① Press Button Ⓐ to change the mode to CALENDAR.

② Press and hold both Buttons Ⓐ and Ⓒ at the same time for more than 2 seconds to activate the manual calendar setting function.
The city hand moves to other "..." while the hour hand moves to indicate that it is ready for day of week setting.

③ Press Button Ⓐ or Ⓒ to set the hour hand to the proper day.

※ With each press of Button Ⓐ, the hour hand advances 1 day. With each press of Button Ⓒ, it moves back 1 day.

④ After the day setting is completed, press Button Ⓑ.
The minute hand moves to indicate that it is ready for date setting.

⑤ Press Button Ⓐ or Ⓒ to set the minute hand to the proper date.

※ With each press of Button Ⓐ, the minute hand advances 1 day. With each press of Button Ⓒ, it moves back 1 day. It moves quickly if the respective buttons are kept pressed.

※ If the date is advanced from "31st" to "1st," the month will not be advanced by one.

⑥ After the date setting is completed, press Button Ⓑ.
The hour hand and minute hand move to indicate that it is ready for month setting.

⑦ Press Button Ⓐ or Ⓒ to set the hour hand and minute hand to the proper month.

※ With each press of Button Ⓐ, the hour hand and minute hand advance 1 month. With each press of Button Ⓒ, they move back 1 month.

※ If the month is advanced from "December (12)" to "January (1)," the number of years elapsed from leap year will not be advanced by one.

⑧ After the month setting is completed, press Button Ⓑ.
The hour hand and minute hand move to indicate that it is ready for leap year setting.

⑨ Press Button Ⓐ or Ⓒ to set the hour hand and minute hand to the proper number of years elapsed from leap year.

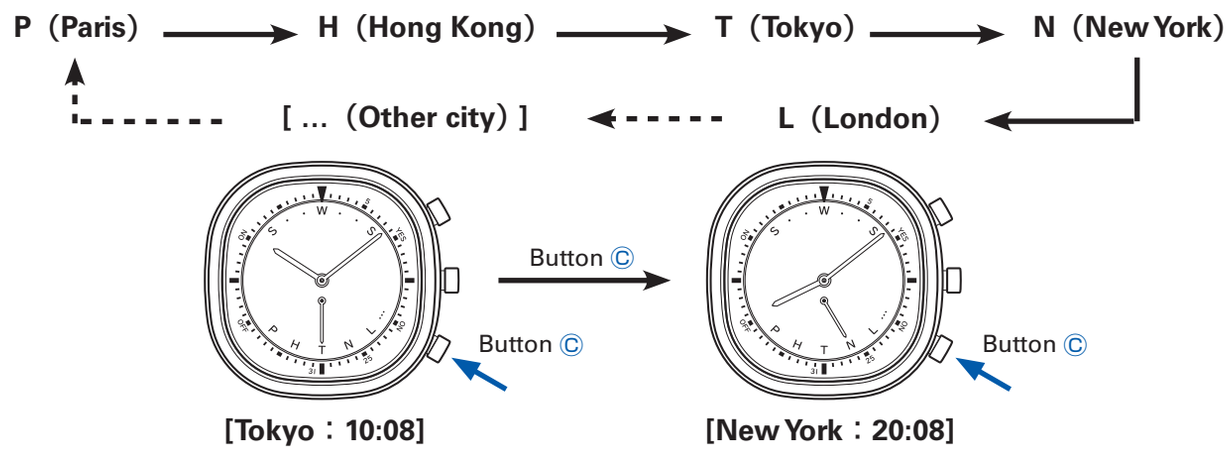
※ With each press of Button Ⓐ, the hour hand and minute hand advance one year. With each press of Button Ⓒ, the hour hand and minute hand move back one year.

⑩ After the leap year setting is completed, press Button Ⓑ. The calendar setting function is deactivated, and the display returns to the calendar. If the watch is left untouched for 3 minutes, the calendar setting function is also deactivated, and the calendar you have set is registered.

※ When the display returns to the calendar, it returns to the time in 10 seconds. The display also returns to the time by pressing Button Ⓑ while the calendar is displayed.

How to Use Simplified World Time Function

● By setting the city hand to a desired city initial on the dial, the time of five cities in the world can be indicated by the hands.



Operation Method

① Press Button Ⓒ in TIME or CALENDAR mode.
The city hand moves each time you press Button Ⓒ.
The hour and minute hands move forward quickly from the current location and display the time or calender (day of week and date) of the selected city for 10 seconds.

※ The city hand points to "..." (Other city) only if time data has been received for a city other than the 5 cities. If any of the 5 cities is the current location, the city hand will skip "..." and move from "L" to "P" when the Button Ⓒ is pressed.

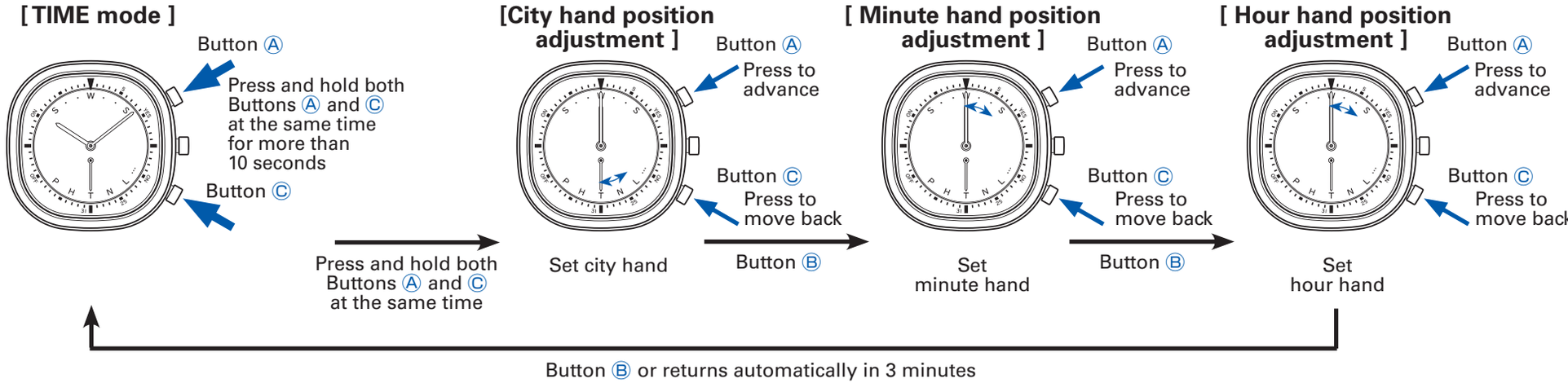
When the time or calendar is adjusted manually, the Simplified World Time display is fixed at "...".

To change the Simplified World Time, perform synchronization of the time/calendar using time synchronization via Bluetooth communication before performing the operation. (Refer to P. 11.)

How to Adjust Hand Position

● In the following cases, the hand position data stored in the built-in IC and the positions the hands actually point to do not correspond with each other. Follow the procedure below to adjust the hand position.

1) The hands do not point to the proper positions, being affected by strong shocks, magnetism.
2) The hands do not indicate the time properly after the time synchronization via Bluetooth communication.
3) After Bluetooth communication, the hour and minute hands do not indicate the reception result, "YES" or "NO" properly.



Operation Method

① Press Button Ⓐ to change the mode to TIME.

② Press and hold Buttons Ⓐ and Ⓒ simultaneously for more than 10 seconds. The hand position adjustment function is activated, and the hour hand and minute hand move to the 12 o'clock position and the city hand moves to T (Tokyo) to indicate it is ready for city hand position adjustment. If any of the hour hand, minute hand, or city hand is misaligned, adjust the hand position using the following method.

※ While Buttons Ⓐ and Ⓒ are kept pressed to activate the hand position adjustment function, the minute hand setting display of the manual time setting function appears temporarily. Be sure to keep the button pressed for more than 10 second until all the hands move toward the 12 o'clock position. (Refer to "How to Adjust Time Manually (1)" on P. 14.)

③ Press Button Ⓐ or Ⓒ to set the city hand to T (Tokyo) position.

※ With each press of Button Ⓐ or Ⓒ, the city hand advances or moves back, respectively.

④ After the city hand position adjustment is completed, press Button Ⓑ. The minute hand moves to indicate that it is ready for hand position adjustment.

⑤ Press Button Ⓐ or Ⓒ to set the minute hand to the 12 o'clock position.

※ With each press of Button Ⓐ or Ⓒ, the minute hand advances or moves back, respectively. It moves quickly if the respective buttons are kept pressed.

⑥ After the minute hand position adjustment is completed, press Button Ⓑ. The hour hand moves to indicate that it is ready for hand position adjustment.

⑦ Press Button Ⓐ or Ⓒ to set the hour hand to the 12 o'clock position.

※ With each press of Button Ⓐ or Ⓒ, the hour hand advances or moves back, respectively. It moves quickly if the respective buttons are kept pressed.

⑧ After the hour hand position adjustment is completed, press Button Ⓑ. The hand position adjustment function is deactivated, and the display returns to the time. If the watch is left untouched for 3 minutes, the hand position adjustment function is also deactivated, and the hand position you have set is registered.

Daily Care

The watch requires good daily care.

- Wipe away moisture, sweat or dirt with a soft cloth.
- After soaking the watch in seawater, be sure to wash the watch in clean pure water and wipe it dry carefully.

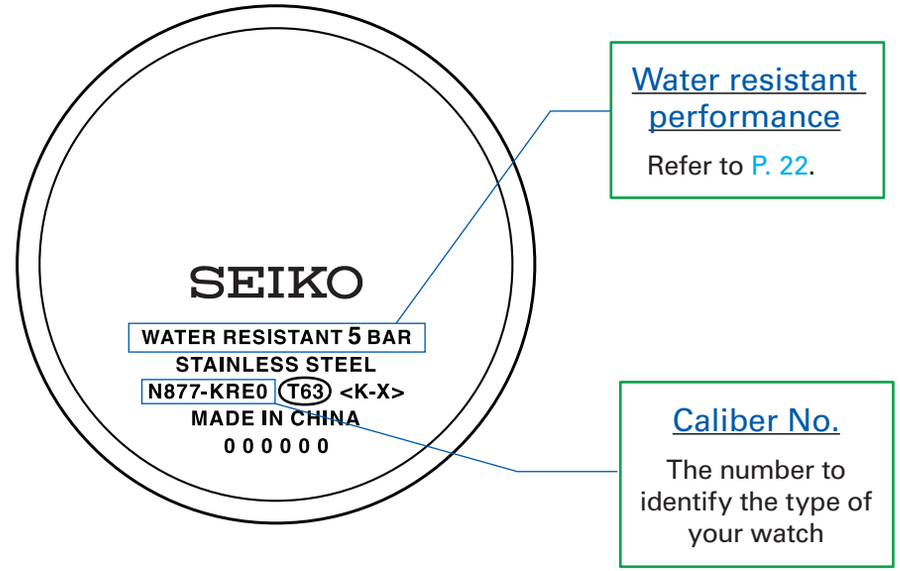
※ If your watch is rated as "Non-water resistant" or "water resistant for everyday life," do not wash the watch. Do not pour running water directly from faucet onto the watch. Put some water into a bowl first, and them soak the watch in the water to wash it.

→ "Performance and Type" on P. 21

→ "Water Resistance" on P. 22

Performance and Type

The case back shows the caliber No. and performance of your watch.



※The case back design differs from model to model, and the case back illustrated above may not be the same as that of your watch.

Water Resistance

Refer to the table below for the water resistant performance of your watch before use.

(Refer to P. 21.)

Indication on the Case Back	Water Resistant Performance	Condition of Use
No indication	Non-water resistance	Avoid drops of water or sweat
WATER RESISTANT	Water resistance for everyday life	The watch withstands accidental contact with water in everyday life. ⚠WARNING Not suitable for swimming
WATER RESISTANT 5 BAR	Water resistance for everyday life at 5 barometric pressures	The watch is suitable for sports such as swimming.
WATER RESISTANT 10 (20) BAR	Water resistance for everyday life at 10 (20) barometric pressures	The watch is suitable for diving not using an air cylinder.

Band

The band touches the skin directly and becomes dirty with sweat or dust. Therefore, lack of care may accelerate deterioration of the band or cause skin irritation or stain on the sleeve edge. The watch requires a lot of attention for longer use.

Metallic band

- Moisture, sweat or soil will cause rust even on a stainless steel band if they are left for a long time.
- Lack of care may cause a yellowish or gold stain on the lower sleeve edge of shirts.
- Wipe off moisture, sweat or soil with a soft cloth as soon as possible.
- To clean the soil around the joint gaps of the band, wipe it out in water and then brush it off with a soft toothbrush.
  (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.)
- Because some titan bracelets use pins made of stainless steel, which has outstanding strength, rust may form in the stainless steel parts.
- If rust advances, pins may poke out or drop out, and the watch case may fall off the bracelet, or the clasp may not open.
- If a pin is poking out, personal injury may result. In such a case, refrain from using the watch and request repair.

Leather band

- A leather band is susceptible to discoloration and deterioration from moisture, sweat and direct sunlight.
- Wipe off moisture and sweat as soon as possible by gently blotting them up with a dry cloth.
- Do not expose the watch to direct sunlight for a long time.
- Please take care when wearing a watch with light-colored band, as dirt is likely to show up.
- Refrain from wearing a leather band watch other than Aqua Free bands while bathing, swimming, and when working with water even if the watch itself is water-resistant enforced for daily use (10- or 20-BAR water resistant).

Silicone band

- As for material characteristics, the band is easily dirtied, and may be stained and discolored. Wipe off dirt with a wet cloth or cleaning tissue.
- Unlike bands of other materials, cracks may result in the band being cut. Take care not to damage the band with an edged tool.

Polyurethane band

- A polyurethane band is susceptible to discoloration from light, and may be deteriorated by solvent or atmospheric humidity.
- Especially a translucent, white, or pale colored band easily adsorbs other colors, resulting in color smears or discoloration.
- Wash out dirt in water and clean it off with a dry cloth.
  (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.)
- When the band becomes less flexible, have the band replaced with a new one. If you continue to use the band as it is, the band may develop cracks or become brittle over time.

Notes on skin irritation and allergy	Skin irritation caused by a band has various reasons such as allergy to metals or leathers, or skin reactions against friction on dust or the band itself.
Notes on the length of the band	Adjust the band to allow a little clearance with your wrist to ensure proper airflow. When wearing the watch, leave enough room to insert a finger between the band and your wrist.

Remarks on Battery

1. Notes on the battery

(1) Battery life

This watch keeps operating for approximately 4 years if a new normal battery is inserted in it.

※If the time synchronization via the Bluetooth communication is used more than once a day, however, the watch may run down in less than 4 years.

(2) Monitor battery

The battery in your watch is a monitor battery which is inserted at the factory to check the function and performance of the watch. Its actual life once in your possession may be less than the specified period.

(3) Battery replacement

- For battery replacement, be sure to have the battery replaced with a new one at the retailer from whom the watch was purchased, specifying a genuine SEIKO battery.
- If the old battery is left in the watch for a long time, a malfunction may be caused due to battery leakage, etc. Have it replaced with a new one as soon as possible.
- Battery replacement is made at cost even if it runs down within the guarantee period.
- Once the case back is opened for battery replacement or other purposes, the original water resistant quality designed for the watch may deteriorate when it is closed. When you have the battery replaced with a new one, also request the water resistance test suitable for the water resistant quality of your watch. If your watch has 10-bar or higher water resistant quality, be sure to have such test performed on the watch every time the battery is replaced. Please note that it takes several days to check the water resistant quality of your watch. When requesting the checking, therefore, please confirm the period required for it.
- If the watch stops operating soon after the battery is replaced with a new one, it needs to be overhauled. (Refer to P. 25.)

2. Battery life indicator

The watch is equipped with a battery life indicator that enables you to know when the battery needs to be replaced.

※When the city hand is locked at the 9 o'clock position, the watch may run down in a week or so.

3. Initial setup after replacing battery

After replacing the battery, be sure to perform a system reset operation (refer to P. 29) and configure the hand position adjustment and time/calendar settings.

⚠ **WARNING**	● Do not open the case back to take out the battery. ● If the battery is removed from the case back for any unavoidable reason, put it in a place beyond the reach of children. If it is swallowed by a child, consult the doctor immediately.
⚠ **CAUTION**	● Never short-circuit, heat or disassemble the battery. Never put it close to a fire. It may explode, generate an intense heat or catch fire. ● The battery inserted in your watch is not rechargeable. Never attempt to recharge it. If it is recharged accidentally, it may explode. ● Use only the battery specified for your watch. If a battery other than specified is inserted in the watch, it may explode. ● When disposing of an old battery, observe the regulations of the local authorities concerned.

After-Sales Service

Notes on guarantee and repair

- Contact the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER for repair or overhaul.
- Within the guarantee period, present the certificate of guarantee to receive repair services.
- Guarantee coverage is provided in the certificate of guarantee. Read carefully and retain it.
- For repair services after the guarantee period has expired, if the functions of the watch can be restored by repair work, we will undertake repair services upon request and payment.

Replacement parts

- SEIKO makes it a policy to typically keep a stock of replacement parts for this watch for 7 years. Replacement parts are those which are essential to maintaining the functional integrity of the watch.
- Please note that if original parts are not available, they may be replaced with substitutes whose external appearance may differ from the originals.

Disassembly and cleaning (overhaul) for checking and adjustment purpose

It is recommended that disassembly and cleaning (overhaul) for checking and adjustment purpose be performed periodically approximately once every 3 to 4 years, in order to maintain optimal performance of the watch for a long time.

- The watch is a precision device. It may stop operating or lose time if its parts run low on oil or wear out.
- The watch may also stop operating due to battery leakage depending on the condition of use.
- Its water resistant quality may be impaired due to entry of perspiration or moisture as the gasket or other parts deteriorate.

If any of the above should occur, please contact the retailer from whom the watch was purchased for disassembly and cleaning (overhaul) for checking and adjustment purpose. For replacement of parts, please specify "SEIKO GENUINE PARTS." When requesting overhaul, be sure to have the gasket and push pin replaced with new ones.

※Please note that the movement of your watch may be replaced with a new one when it is overhauled.

Troubleshooting (1)

Problem	Possible Cause	Solution	Refer to
The watch has stopped operating.	The battery has run down.	Immediately request the retailer from whom the watch was purchased to replace the battery with a new one. After replacing the battery, perform a system reset and configure the hand adjustment and time/calendar settings.	P. 29 of this Instruction Manual
When the city hand is locked at the 9 o'clock position.	The battery nears its end.		
Bluetooth communication will not start when manual reception is performed. (The second hand points to "NO.")			
Bluetooth communication cannot be performed.	The application is not running.	Start up the dedicated application. If your smartphone runs on iOS, it is necessary to start up the dedicated application after the smartphone is rebooted.	P. 3 of Application Operating Guide
	The watch is not registered to the application.	Register the watch to the dedicated application.	P. 5 of Application Operating Guide
	The airplane mode of the smartphone is turned on.	Turn of the in-flight mode of the smartphone, and then, start up the dedicated application. For such operation, refer to the instruction manual, etc. of the smartphone.	
	The Bluetooth function of the smartphone is turned off.	Turn on the Bluetooth function of the smartphone. For such operation, refer to the instruction manual, etc. of the smartphone.	P. 3 of Application Operating Guide
	The location function of the smartphone is turned off (for Android smartphone only).	Turn on the location function of the smartphone. For such operation, refer to the instruction manual, etc. of the smartphone.	P. 4 of Application Operating Guide
	The application is not allowed to access the location information (for Android smartphone only).	Configure the smartphone so that the dedicated application is allowed to access the location information.	P. 4 of Application Operating Guide
	The watch is used with a new smartphone.	Uninstall the dedicated application on the old smartphone, or delete the watch registered to it.	P. 7 of Application Operating Guide

Troubleshooting (2)

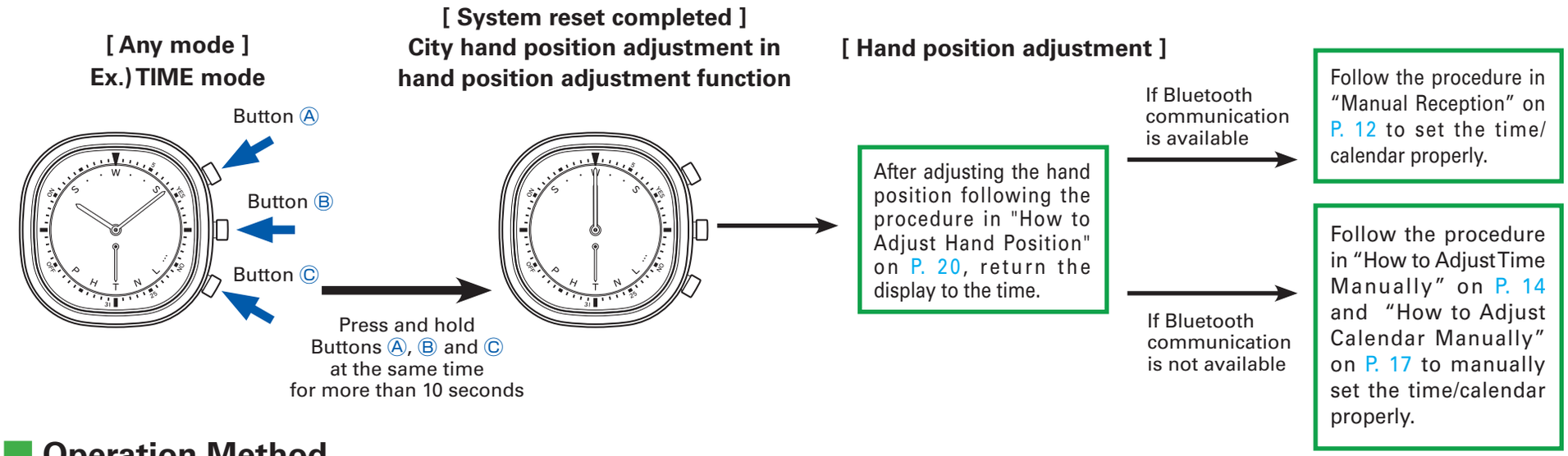
Problem	Possible Cause	Solution	Refer to
Bluetooth communication cannot be performed.	A battery saving application is affecting the operation of the application dedicated for the watch.	Configure applications for saving battery consumption or improving battery life to exclude the dedicated application. For such operation, refer to the instruction manual, etc. of those applications.	
	The smartphone and the watch are placed wide apart from each other.	The automatic reception is performed at a time of day when the previous manual reception was performed. Place the smartphone and the watch within 3 m from each other during that time period.	P. 12 of this Instruction Manual
	There is some object between the smartphone and the watch that interferes with the Bluetooth communication.	Place the smartphone and the watch at a place where there is no obstruction between them. While in use, do not put any of them in a metal case or the like.	
	Radio wave interference affecting the Bluetooth communication has occurred around the place of use.	Perform the Bluetooth communication at a place sufficiently away from devices emitting radio wave, such as electric machine emitting strong electromagnetic field and information household appliances having communication function.	
The automatic reception function will not work.	The automatic reception function of the watch is turned off.	Turn on the automatic reception function of the watch.	P. 12 of this Instruction Manual
Any of the hands will not point to its proper position. Ex.) ・The second hand does not exactly point to the reception result position, "YES" or "NO". ・The hands do not indicate month and date properly.	The hands have become misaligned from the original position due to strong magnetism, shock or other external cause.	Use the hand position adjustment mode to check if the hand position needs to be adjusted. If any of the hands do not point to the 12 o'clock position exactly, adjust its hand position.	P. 20 of this Instruction Manual

Troubleshooting (3)

Problem	Possible Cause	Solution	Refer to
The watch does not indicate the local time properly during travel abroad, irrespective of whether the time synchronization is performed via manual or automatic reception method.	The smartphone is not configured to indicate the local time or time zone properly.	・Check the time and time zone indicated by the smartphone. ・Configure the smartphone to indicate the proper local time and time zone. ・For the operation and time and time zone configuration of the smartphone, refer to the instruction manual of the smartphone.	
	The time has not been received from the application at the traveling destination.	Receive the time from the dedicated application (manual reception or automatic reception).	P. 12 of this Instruction Manual
You are in Japan, but the city hand does not point to Tokyo (T).	When the time or calendar is adjusted manually.	If the time or calender is adjusted manually, the city hand points to "...". When the time is received from the dedicated application (manual reception or automatic reception), the city hand points to Tokyo (T).	P. 12 of this Instruction Manual
	The smartphone time zone is not Japan.	If you are in Japan, set the smartphone time zone setting to automatic or set the smartphone to Japan time and then receive the time from the dedicated application again (manual reception or automatic reception).	P. 12 of this Instruction Manual
Blur on the watch glass persists.	Water has entered inside the watch due to a deteriorated gasket or for any other reason.	Consult the retailer from whom the watch was purchased.	

How to Reset Built-In IC (System Reset)

● If the watch should function improperly, follow the procedure below to reset the built-in IC (system reset). It will return to normal. After the system reset is performed, the time/calendar returns to its default setting. Be sure to set the time/calendar properly before use.



Operation Method

① Press and hold Buttons Ⓐ, Ⓑ, and Ⓒ at the same time for more than 10 seconds in TIME mode or CALENDAR mode. The built-in IC is reset (system reset), and the hour, minute, and city hand continue moving for a while. Then, the hour hand and minute hand move to the 12 o'clock position and the city hand moves to T (Tokyo) to indicate that it is ready for city hand position adjustment.

② Follow the procedure in "How to Adjust Hand Position" on P. 20 to set the misaligned hands exactly in position.

③ After the hand position adjustment of all the hands is completed, press Button Ⓑ to return to the time display.

※ After the system reset procedure, the watch will not return to the time display automatically in 3 minutes.

※ When the time display resumes, the watch starts indicating the time from the default setting below:

Time	: AM12 : 00 : 00
Calendar	: January 1st, Sunday, with the number of years elapsed from leap year "0"
City display	: T (Tokyo)

④ If you have your smartphone at hand, and the time synchronization with the dedicated application via Bluetooth communication is available, perform the manual reception to set the time/calendar properly. (Refer to "Manual Reception" on P. 12.)

⑤ If you cannot use your smartphone, and the time synchronization with the dedicated application via Bluetooth communication is not available, manually set the time/calendar properly on the watch alone. (Refer to "How to Adjust Time Manually" on P. 14 and "How to Adjust Calendar Manually" on P. 17.)

Specifications

1. Basic functions
   - Basic watch function (hour, minute and city hands)
   - Perpetual calendar (date and day of week display)
   - Simplified World Time Function (5 world city display)
   - Time synchronization function via Bluetooth communication (automatic/manual reception, and reception result display)
2. Frequency of crystal oscillator ..... 32,768 Hz (Hz = Hertz ... Cycles per second)
3. Loss/gain (monthly rate)..... Less than 15 seconds (when the watch is worn on the wrist at normal temperature range between 5℃ and 35℃)
4. Operational temperature range ..... −5℃～+50℃
5. Driving system ..... Step motor, 3 pieces
6. Battery ..... Lithium battery, SB-T63(CR1025), 1 piece
7. Battery life..... Approximately 4 years (on condition that the time synchronization via Bluetooth communication is used less than once per day)
8. IC (Integrated Circuit)..... Oscillator, frequency divider, driving and reception circuit: C-MOS-IC, 2 piece

※The specifications above are subject to change without prior notice for product improvements.

Contact Information:

- If you have any question about the operation, repair or maintenance of SEIKO Bluetooth® Link Watch, please contact the following:

  SEIKO CUSTOMER SERVICE CENTER
  TEL: 0120-612-911

- If you have any question about the use of the application or the Bluetooth function of the watch, please contact the following:

  APPLICATION OPERATION SUPPORT CENTER
  TEL: 047-320-3004

Reception hours: 9:30–17:30 (Monday through Friday)
For reception hours during the summer and New Year's holidays, please visit our website:
https://www.seikowatches.com/jp-ja/contact

※ If your phone is set to “number withheld,” add “186” to the above phone number.