

CITIZEN®

取扱説明書

この時計は、バンドをのぞく全ての修理が「メーカー修理」となります。修理、点検の際は弊社お問い合わせ窓口へご依頼ください。

All parts of this watch, excluding the band, are to be repaired only by CITIZEN. Please have all inspections and repairs at a customer support center.

本表的所有零配件，除表带外，其余所有维修仅限在西铁城公司进行。请在客户支持中心进行所有的检查和维修。

Thank you for your purchase of this Citizen watch.

Before using the watch, read this instruction manual carefully to ensure correct use.

After reading the manual, store it in a safe place for future reference.

The case has different features depending on the model. Details of the case features are not contained in this manual, see “<http://www.citizenwatch.jp/support/default.htm>”.

If you cannot access the site, ask the Citizen Consumer Help Desk (TEL: 0120-78-4807) to send you a reference.

To check the movement number

A case code is engraved on the case back. (Figure on the right)
The first 4 digits of the case code represent the movement number of the watch.

In the example on the right, “1234” is the movement number.

The engraving position may differ depending on watch model.

Engraving position example



Safety precautions

This manual contains the following instructions that should be strictly followed at all times to prevent injury to yourself and other persons as well as damage to property.

- Injuries and damage that might be caused by using the watch improperly or neglecting any of the instructions or precautions contained in this manual are classified with the following symbols.

 DANGER	Highly likely to cause death or serious injury
 WARNING	Can cause serious injury or death
 CAUTION	Can or will cause minor or moderate injury or damage

- Important instructions that should be followed are classified with the following symbols.

	Warning (caution) symbol followed by instructions that should be followed or precautions that should be observed.
	Warning (caution) symbol followed by prohibited matters.

<About band adjustment>

Do not adjust the length of the band by yourself. If you fail to perform the work properly, the watch may fall off, or an injury may occur during adjustment. Consult the shop where you purchased the watch or your nearest Authorized Citizen Service center.

If you purchase a product which is sold with a special tool for band adjustment, you may carefully adjust the band yourself.

<Notes before use—Protective stickers>

Prior to the watch being shipped from the manufacturing plant, its glass, case, metal band, and metal parts of the clasp are covered with stickers to protect them from getting fingerprints or scratches during transit from the plant to the store.

If the watch is worn without first removing these stickers, 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.

For this reason, please be sure to peel off the stickers before wearing the watch.

Features

“Radio controlled watch”

Receiving a time signal to adjust the time automatically in the four regions of the world.



“World time”

Easy to see the time and calendar of 26 cities all over the world.

“World time alarm”

Sounds at the time of the selected city.



“Solar-powered”

Friendly to the environment.



“Perfex”

Supports the accuracy of the radio controlled watch more.



“Chronograph”

Easy to start to count.



“Perpetual calendar”

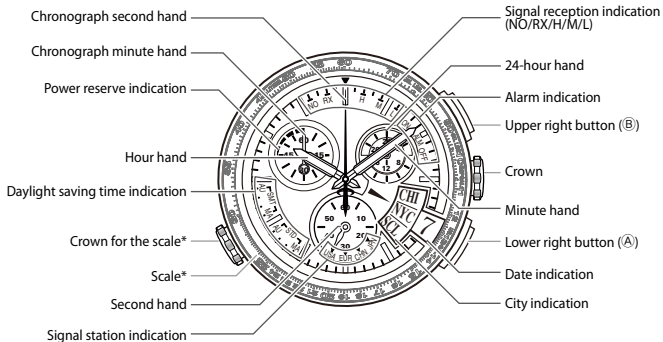
No need for date correction at the end of each month.

* “Eco-Drive” and “Perfex” are Citizen original technologies.

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Parts identification



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

How to use the screw down crown and screw down push button

Some models feature a screw down crown and screw down push button.

Locking the crown and button prevents accidental operation. Unlock them when you want to operate the watch.

	Unlock		Lock	
Screw down crown		Rotate the crown counterclockwise (left) until it releases from the case.		Rotate the crown clockwise (right) while pushing it in, and tighten firmly.
Screw down push button		Rotate the locking screw counterclockwise (left), and loosen until it stops.		Rotate the locking screw clockwise (right), and tighten firmly.

- Unlocking is not required when a standard crown and button are equipped.
- * Some models do not feature the scale and the crown for the scale.

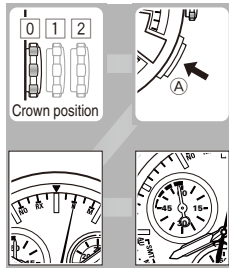
Some models feature a recessed button.

Press the button with a narrow-tipped object such as a wooden toothpick.

Preparation

1: Confirming the time signal reception and power reserve

You must confirm the signal reception result and charge level at first before use.



1. Ensure that the crown is in position 0.
2. Press the lower right button (A).

The chronograph second hand indicates the signal reception result and the chronograph minute hand indicates the current power reserve level.

- See the next page to show the indications.

3. Press the lower right button (A) to return to normal operation.

- Before the operation above, reset the chronograph.

The indication of the signal reception result

Indication			
Result	H	M	L

For in depth information on the receiving, see page 26.

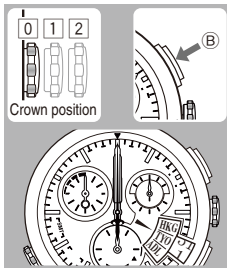
The indication of the power reserve level

Indication				
Power duration	Almost empty	Partially charged	Mostly charged	Fully charged
	Charge the watch at once.			

- The indication is not so precisely. Charge the watch frequently. See page 36.
- On illustration above the tip of the hand is indicating the power reserve level. On some models, the tail of the hand is used for the indication.

2: Checking the reference position of the hands

If the reference position is incorrect, the time and calendar are not indicated properly.



Correct reference position

1. **Ensure that the crown is in position 0.**
2. **Press and hold the upper right button (B) for ten seconds.**

The hands move quickly to show the current reference position.

The correct reference position is when;

- all hands are indicating 12:00;
- the date indication is between "31" and "1".

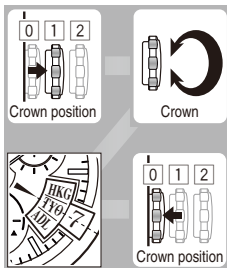
• You can select any city for checking the reference position.
If all the hands are not in the correct reference position, adjust them referring to page 34.

3. **Press the upper right button (B) to complete confirmation.**

- Before the operation above, reset the chronograph.

3: Setting the city

You can select your home or favorite city from 26 cities in the world.



1. Pull the crown out to position 1.

The chronograph second hand indicates the daylight saving time setting.

2. Rotate the crown to select the city.

- Refer to the pages **12** and **13**.
- Adjust the position of the city name to the center of the window.
- Each time you change the city, the time of the selected city is shown.

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

Table of the city names

Indication	City name	Time difference	Signal station
UTC	—	0	—
LON	London	0	EUR
PAR	Paris	+1	
CAI	Cairo	+2	
MOW	Moscow	+3	
DXB	Dubai	+4	
KHI	Karachi	+5	CHN
DEL	Delhi	+5.5	
DAC	Dhaka	+6	
BKK	Bangkok	+7	
HKG	Hong Kong	+8	
TYO	Tokyo	+9	JPN
ADL	Adelaide	+9.5	

The signal station is changed depending on the selected city.

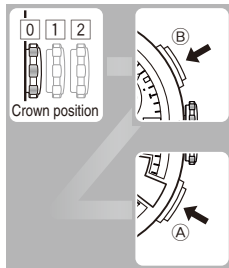
Some cities cannot receive the signal though the signal station is assigned in the list.

- When you use the watch in a city not on the list, select the listed city that has the same time difference.
- The standard time for each area or country may change according to their situation.

Indication	City name	Time difference	Signal station
SYD	Sydney	+10	JPN
NOU	Noumea	+11	
AKL	Auckland	+12	
MDY	Midway Island	-11	USA
HNL	Honolulu	-10	
ANC	Anchorage	-9	
LAX	Los Angeles	-8	
DEN	Denver	-7	
CHI	Chicago	-6	
NYC	New York	-5	
SCL	Santiago	-4	
RIO	Rio de Janeiro	-3	
FEN	Fernando de Noronha	-2	
PDL	Azores	-1	

Using the chronograph

You can use the chronograph up to 60 minutes in increments of 0.2 seconds.



1. Ensure that the crown is in position 0.

2. Press the upper right button (B).

The chronograph minute/second hand start to move.

- Pressing the upper right button (B) stops the chronograph.
- Each time you press the button, the chronograph starts and stops alternately.

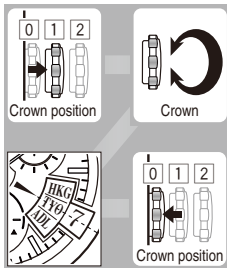
To reset the chronograph

Press the lower right button (A) while stopping.

- While resetting, you can restart chronograph by pressing the upper right button (B).
- The chronograph is also reset if you pull the crown out.
- You have to reset the chronograph for using other functions.

Using the world time

You can display a local time among 26 cities or UTC.



1. Pull the crown out to position 1.

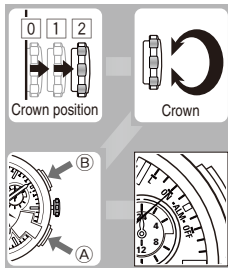
The chronograph second hand indicates the daylight saving time setting.

2. Rotate the crown to select the city.

- Refer to the pages **12** and **13**.
- Adjust the position of the city name to the center of the window.
- You can change the daylight saving time setting by pressing the lower right button (A). Refer to page **18**.

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

Using the alarm



1. Pull the crown out to position 2.

The chronograph second hand moves to indicate the alarm on/off setting while the hour and minute hands move to indicate the current alarm time setting.

2. Rotate the crown to set the alarm time.

- Check the 24-hour hand for the am/pm status of the alarm time.
- Each time you press the upper right button (B), the “minute” and “hour” of the setting time changes alternately.
- The hands start to move continuously by rotating the crown quickly. To stop the rapid movement, rotate the crown.

3. Press the lower right button (A) to turn the alarm “ON”.

- Each time you press the lower right button (A), the chronograph second hand indicates “ON” and “OFF” alternately.

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

- The alarm tone does not sound when the crown is pulled out.

To stop the alarm tone

Press the upper or lower right button ((A) or (B)).

- The alarm tone sounds for 15 seconds and then stop if a button is not pressed.

When using world time

The alarm tone sounds based on the time of the selected city.

- The alarm cannot be set for each city.

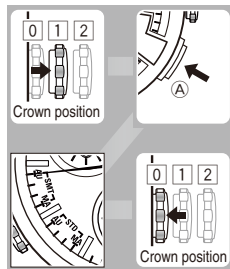
To confirm the alarm tone

Pull the crown out to position [2] and press and hold the lower right button ((A)) for two or more seconds.

Setting the daylight saving time

In regions where the daylight saving time (DST) is in effect, the time signal includes the daylight saving time check signal.

- When “UTC” is selected as the city, you cannot change the setting.



- 1. Pull the crown out to position 1.**
The chronograph second hand indicates the daylight saving time setting.
- 2. Press the lower right button (A) to change the daylight saving time setting.**
 - Each time you press the lower right button (A), the chronograph second hand indicates items in the following order:
SMT AU → SMT MA → STD AU → STD MA →
To the beginning
- 3. Push the crown in to position 0 to finish the procedure.**

About the daylight saving time setting

Select the daylight saving time setting to fit the implementation of the daylight saving time.

Status	Setting		Clock indication
Daylight saving is not performed.	STD MA	manual	The watch always shows the standard time.
Daylight saving starts/ends out of sync with the time signal.	SMT MA	manual	The watch always shows the daylight saving time. You need change the setting each time the daylight saving starts/ends.
Daylight saving starts/ends in sync with the time signal.	SMT AU STD AU	auto	The setting changes between “SMT AU” and “STD AU” automatically.

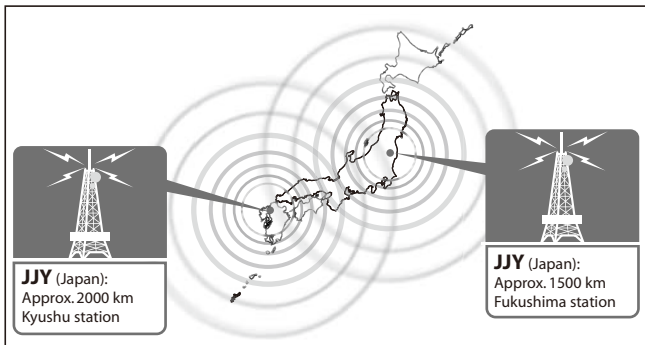
- The period of the daylight saving time varies from countries/areas.
- SMT (summer time), AU (auto), STD (standard), MA (manual)

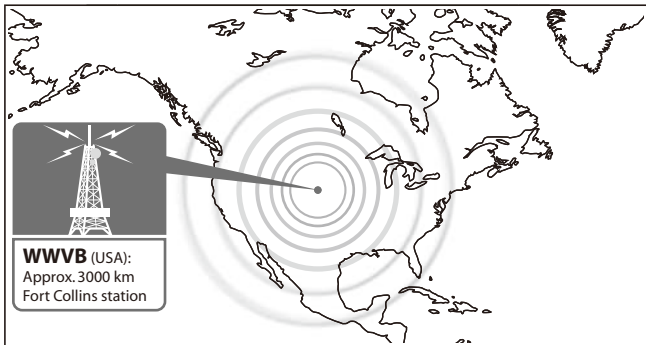
Notes on the time signal

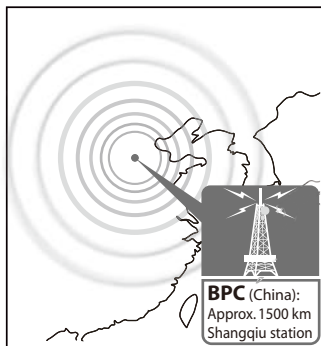
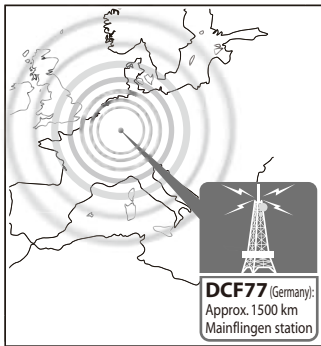
This watch receives the time signal from the five signal stations located in four regions and automatically adjusts the time and calendar. The receivable signal stations are listed as follows:

Signal stations	Kind of the time signal	Signal station indication
Fukushima frequency station, Japan	JJY	JPN
Kyushu frequency station, Japan		
Fort Collins station, Denver, Colorado, USA	WWVB	USA
Mainflingen station, Southeast Frankfurt, Germany	DCF77	EUR
Shangqiu station, Henan, China	BPC	CHN

Refer to the maps on pages **21** to **23** to see the locations of the signal stations and their receivable area roughly.



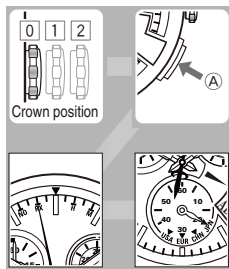




Receiving the time signal manually (On-demand reception)

You can adjust the watch by receiving the time signal any time when the time is not correct or the reception result is “NO”.

- You must be in an area that you can receive a time signal.
- Before attempting on demand reception, be sure to reset the chronograph.



1. **Ensure that the crown is in position 0.**
2. **Press and hold the lower right button (A) for two or more seconds.**

The watch starts to receive the signal with the beep sound, and the chronograph second hand moves to “RX”.

- It takes from two to 15 minutes for updating to complete.
- The watch will not start to receive if the second hand is moving once every two seconds (this is the insufficient charge warning).
- The signal station is changed depending on the selected city.
- You can cancel the reception by pressing the lower right button (A) for two or more seconds.

Notes on indications for the time signal reception

The chronograph second hand shows the current or last status of the reception.

Status	Meanings	
RX	Reception in progress.	
H	Very good condition for reception.	“H”, “M”, and “L” only indicate the condition for reception, and are not related to the performance of the watch.
M	Good condition for reception.	
L	Not good condition for reception. Change the place for reception to indicate “H” or “M”.	
NO	The reception is unsuccessful. Date and calendar are not adjusted.	

Some models shows the station indication in the different way.

Indications				
Stations	JPN	USA	EUR	CHN

Notes on the reception of the time signal

Receiving the time signal

There are three ways to receive the time signal:

Methods	Explanations
Automatic reception	Receives the signal at 2:00 a.m. every day. If reception is unsuccessful, then, the watch tries to receive at 3:00 a.m. and 4:00 a.m.
On demand reception	Receives the signal when you want to adjust the time and calendar. See page 24 .
Recovery automatic reception	Receives the signal automatically after charging when the watch stops due to an insufficient charge.

The chronograph second hand indicates the receiving result (success/failure, levels) and the minute hand indicates the receiving station. (See page **25**.)

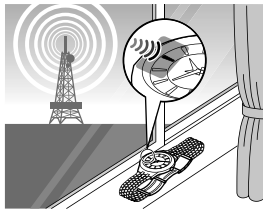
- Even when this watch receives a time signal successfully, the accuracy of displayed time will be dependent on the reception environment and internal processing.
- If the watch is not able to receive a signal, it will operate normally within an accuracy range of ± 15 seconds per month.

When receiving the time signal

Remove the watch and place it on a stable surface where it can receive the signal better, such as next to a window.

- The reception antenna is located at the 9:00 position of the watch. Place the watch with the 9:00 position facing toward the station.
- Do not move the watch during the time signal reception.
- The watch will not receive a time signal when in a low charge state as indicated by the second hand moving in two second increments (the insufficient charge warning).

Charge the watch before reception.



Poor reception areas

It may be difficult to receive the time signal properly under certain environmental conditions or in areas susceptible to radio noise.

- Extremely hot or cold locations



- Inside vehicles



- Near electrical equipment or office appliances



- Near high-tension electrical lines, railway overhead wires or communication facilities



- Inside reinforced concrete buildings, between tall buildings, mountains, or underground



- Near cellular phones that are in use



When signal reception is poor

The surroundings near your house, such as high-tension electrical lines or structures may block the path to the signal location, this can cause a poor environment for receiving the time signal.

With reference to pages **21** to **23**, search for a better place for reception.

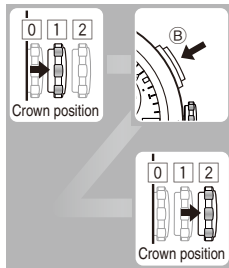
Then, attempt to receive the time signal in the procedure on pages **24**.

- When the reception result is “L”, place the watch in another location so that “H” or “M” is indicated.

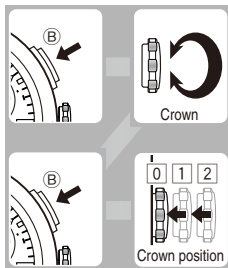
If the signal reception is still poor,
consult Citizen Consumer Help Desk (TEL: 0120-78-4807).
We will provide a map showing the locations of the signal stations.

Setting the time/calendar manually

You can adjust the watch manually when the reception fails or you are unable to receive a signal.



- 1. Pull the crown out to position 1.**
The chronograph second hand indicates the daylight saving time setting.
 - You can change the city by rotating the crown. Refer to the pages **12** and **13**.
- 2. Press the upper right button (B).**
The chronograph second hand moves to the 30 second position.
- 3. Pull the crown out to position 2.**
Now you can adjust the watch.



4. Press the upper right button (B) repeatedly to select the time or calendar for adjustment.

- Each time you press the upper right button (B), the item selection changes in the following order (the selected item moves a little to indicate the selection):

Minute/Second hand → Hour/24-hour hand → Date → Year/Month → To the beginning

5. Rotate the crown to adjust the selected item.

- When selecting the date and time for adjustment, the selected item starts to move continuously by rotating the crown quickly. To stop the rapid movement, rotate the crown.
- When adjusting the date, rotate the crown clockwise (right).
- The year and month are indicated by the chronograph second hand. Refer to the next page to adjust.

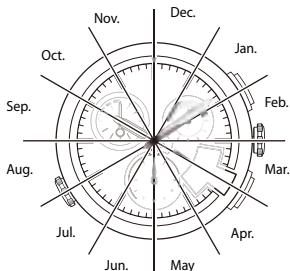
6. Repeat steps 4 and 5 to adjust the other items.

7. Push the crown in to position 0.

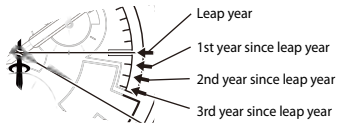
The setting of the time/calendar is complete.

Month and year indications

The year and month are indicated by the chronograph second hand when you adjust the time and calendar manually.



The position of the chronograph second hand shows the month.



e.g. When it is March in the leap year

Each minute mark denotes the number of years since a leap year.



The figure shows May in the 1st year from the recent leap year (e.g. 2009).



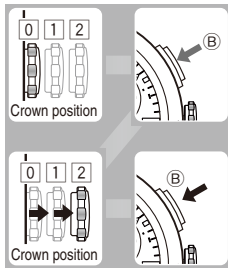
The figure shows September in the 3rd year from the recent leap year (e.g. 2011).

Quick reference chart for number of years passed since leap year

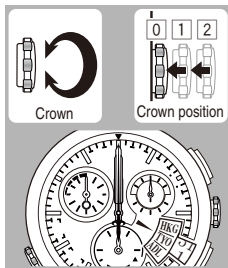
Indication of the chronograph second hand	Passed year	Year
Hour marker	Leap year	2012, 2016, 2020
1st min. marker	1st year	2009, 2013, 2017
2nd min. marker	2nd year	2010, 2014, 2018
3rd min. marker	3rd year	2011, 2015, 2019

Adjusting the reference position

- Before the operation below, be sure to reset the chronograph.
- See the next page to check the correct position for each item.



1. **Ensure that the crown is in position 0.**
2. **Press and hold the upper right button (B) for ten seconds.**
The chronograph second hand starts moving. Then, all hands moves quickly to show the current reference position.
3. **Pull the crown out to position 2.**
The reference position can now be adjusted.
4. **Press the upper right button (B) repeatedly to select the item for adjustment.**
 - Each time you press the upper right button (B), the item selection changes in the following order (the selected item moves a little to indicate the selection):
Chronograph minute hand/Date → Hour/24-hour hand → Minute/Second hand → Chronograph second hand → To the beginning



The correct reference position is when;

- all hands are indicating 12:00;
- the date indication is between "31" and "1".

5. Rotate the crown to adjust the selected item.

- The item starts to move continuously by rotating the crown quickly. To stop the rapid movement, rotate the crown.
- When adjusting the date and chronograph minute hand, rotate the crown clockwise (right).

6. Repeat steps 4 and 5 to adjust the other items.

7. Push the crown in to position 0.

8. Press the upper right button (B).

You have now completed adjusting the reference position.

Notes on charging your watch

This watch has a rechargeable cell which is charged by exposing the dial to light such as direct sunlight or fluorescent lamps.

For optimal performance:

- Expose the watch with the dial towards direct sunlight for several hours at least once a month.
- After taking off the watch, put it in a position so that the dial is exposed to bright light, such as by a window.
- Before storing the watch in a dark place for an extended period of time, be sure to charge it fully.

When the watch is regularly covered with long sleeves, it may not be charged sufficiently. Try to keep the watch exposed to light sufficient for charging.

Do not charge the watch at a high temperature (about 60°C or higher).

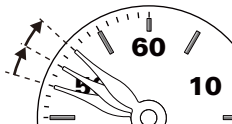
When the watch reaches a low charge state—insufficient charge warning function

When the power reserve becomes low, the second hand moves once every two seconds—This is the insufficient charge warning function. Charge the watch by exposing the dial to light.

- After the watch is charged, the second hand will move normally. See page 38.
- If you have not charged the watch for six days or more since the insufficient charge warning movement began, the watch will run out power and stop.

Caution

When the second hand moves once every two seconds, you cannot use any functions—chronograph, alarm, etc.—except the time indication.



English

Charging time by environment

Below are the approximate times needed for charging when exposing the watch dial to light continuously.

Please use this table as a reference only.

Environment	Illuminance (Lx)	Charging time for the second hand to move normally for one day	Charging time for the second hand to start moving normally when the rechargeable cell is empty	Charging time for the rechargeable cell to become fully charged when the rechargeable cell is empty
Outdoor (Under direct sunlight)	100000	3 minutes	2 hours	30 hours
Outdoor (Cloudy weather)	10000	12 minutes	3 hours	60 hours
20 cm (7-7/8 inches) away from a fluorescent lamp (30 W)	3000	45 minutes	6.5 hours	170 hours
Interior lighting	500	4 hours	35 hours	–

Your watch will run approximately eight months from a full charge or up to four years with the power save feature engaged.

Power save feature

When the watch is not exposed to light for more than seven days such as when you store it in the dark, the minute hand and second hand automatically stop to save the power.

- When the crown is pulled out, the power save feature will not activate.

To cancel the power save feature

When the watch is exposed to light sufficient for charging, the power save feature is automatically disengaged and normal time indication will resume.

Troubleshooting

If you have a problem with your watch, check the table below.

Symptoms	Remedies	Page
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Problems with time signal reception.

Reception is unsuccessful in a receivable area.	Push the crown in to position [0].	—
	Avoid things likely to interfere with a time signal and place the watch with the 9:00 position facing toward the station.	27,28
	Do not move the watch until the reception is finished.	27
	When the second hand moves once every two seconds, the watch cannot receive the time signal. Charge the watch.	—
	Contact to the Citizen Consumer Help Desk.	63

Symptoms	Remedies	Page
The correct time and calendar are not indicated after successful reception.	Check the city setting.	—
	Check and correct the reference position.	34

The hands do not work properly.

Some hands moves unintentionally.	Stop the chronograph.	14
The second hand moves once every two seconds.	Charge the watch.	36
All hands stop moving.	Push the crown in to position [0].	—
	Charge the watch by exposing it to direct sunlight for five or six hours. After charging, the watch starts to receive the time signal automatically (automatic recovery reception).	36

Symptoms	Remedies	Page
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The hands do not work properly.

The hands start turning rapidly as you take it out of the case.	The watch is canceling the power save feature. Wait until the rapid movement stops.	39
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The time and/or date is not correct.

The time and/or date is wrong.	Check the city setting.	–
	Change the daylight saving time setting.	18
	Check and correct the reference position.	34
	Receive the time signal to adjust the time and date.	24
	Set the time and date manually.	30

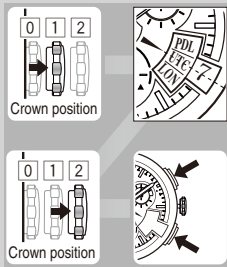
Symptoms	Remedies	Page
The date changes at around 12:00 p.m.	Check and correct the reference position.	34
	Receive the time signal to adjust the time and date.	24
	Adjust the time by 12 hours manually.	30

Others

The watch does not move even if the watch is charged.	Charge the watch by exposing it to direct sunlight for five or six hours. If the trouble is not solved after charging, contact the Customer Support Center or the store where you purchased your watch.	36, 62
The alarm tone does not sound on time.	Push the crown in to position [0].	—
	Check the city setting.	15, 16
	Charge the watch.	36

Resetting the watch

The watch may not work properly if it is affected by static electricity or shock. In this case, you must reset the watch. Charge the watch before resetting if the power reserve level is low.



1. Pull the crown out to position 1.

The chronograph second hand indicates the daylight saving time setting.

2. Rotate the crown to select "UTC".

- Adjust the position to the center of the window.

3. Pull the crown out to position 2.

4. Press the upper and lower right buttons (A) and (B) simultaneously.

The confirmation tone sounds and the watch is reset. The current position of all the hands is set as the new reference position.

■ After resetting the watch

You must set the watch again in the procedure below.

1. Adjust the reference position correctly.

See from step 4 on page 34.

2. Select a city.

See page 11.

- You can change the daylight saving time setting. Refer to page 18.

3. Adjust the time/calendar.

Refer to page 24 to adjust the watch by receiving the time signal, refer to page 30 to adjust manually.

Eco-Drive (solar-powered) watch handling precautions

<Always Make Sure to Recharge Frequently>

- Please note that if you wear long sleeves, the watch may stop as a result of being covered by your sleeve and blocked from the light.
- When you take off the watch, try to place it in as bright a location as possible. This will ensure that it will continue to run properly.

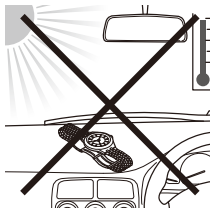


CAUTION Recharging Precautions

- Do not charge the watch at a high temperature (about 60°C or higher) as doing so may cause the movement to malfunction.

Examples:

- Charging the watch too close to a light source which generates a large amount of heat such as an incandescent lamp or halogen lamp.
 - * When charging under an incandescent lamp, be sure to leave 50 cm or more between the lamp and the watch to avoid exposing the watch to excessive heat.
- Charging the watch in a location where the temperature may become extremely high such as on the dashboard of a vehicle.



<Replacement of Rechargeable Cell>

- Because the watch uses a rechargeable cell, you do not need periodical cell replacement. However, power consumption may increase after using for an extended period of time due to deterioration, and the power may run out earlier than expected. To avoid this, we recommend that you have your watch inspected (Charge basis) periodically.

WARNING Handling of Rechargeable Cell

- The rechargeable cell should never be removed from the watch.
If for any reason it becomes necessary to remove the rechargeable cell from the watch, keep out of the reach of children to prevent accidental swallowing.
If the rechargeable cell is accidentally swallowed, consult a doctor immediately.
- Do not dispose of the rechargeable cell with ordinary garbage. Please follow the instructions of your municipality regarding collection of batteries to prevent the risk of fire or environmental contamination.

WARNING Use Only the Specified Battery

- Never use a battery other than the rechargeable cell specified for use in this watch.
Although the watch structure is designed so that it will not operate when another type of battery is installed, if a silver battery or other type of battery is installed in the watch and the watch is recharged, there is the risk of overcharging which may cause the battery to rupture.
This can cause damage to the watch and injury to the wearer.
When replacing the rechargeable cell, always make sure to use the designated rechargeable cell.

Water resistance

WARNING Water Resistance

- Non-water resistant watches cannot be used underwater or in environments in contact with water.
- Water-resistance for daily use (to 3 atmospheres) means that the watch may be worn while washing your face or in the rain, but is not to be immersed in water.
- Upgraded water-resistance for daily use (to 5 atmospheres) means that the watch may be worn while swimming, but is not to worn while skin diving.
- Upgraded water-resistance for daily use (to 10/20 atmospheres) means that the watch may be worn while skin diving, but not while scuba or saturated diving using helium gas.

Name	Indication	Specification
	Watch dial and Case back	
Non-water-resistant watch	_____	Non-water-resistant
Everyday-use water-resistant watch	WATER RESIST(ANT)	Water-resistant to 3 atmospheres
Upgraded everyday-use water-resistant watch	WATER RESIST(ANT) 5 bar	Water-resistant to 5 atmospheres
Upgraded everyday-use water-resistant watch	WATER RESIST(ANT) 10/20 bar	Water-resistant to 10 or 20 atmospheres

- Refer to the watch dial and the case back for the indication of the water resistance of your watch. The following chart provides examples of use for reference to ensure that your watch is used properly. (The unit “1bar” is roughly equal to 1 atmosphere.)
- WATER RESIST(ANT) $\times \times$ bar may also be indicated as W.R. $\times \times$ bar.

Water-related use					
	 Minor exposure to water (washing face, rain, etc.)	 Moderate exposure to water (washing, kitchen work, swimming, etc.)	 Skin diving, marine sports	 Scuba diving using an air tank	 Pulling out the crown when the watch is wet
	NO	NO	NO	NO	NO
	OK	NO	NO	NO	NO
	OK	OK	NO	NO	NO
	OK	OK	OK	NO	NO

Precautionary items and usage limitations



CAUTION To Avoid Injury

- Be particularly careful when wearing your watch while holding a small child, to avoid injury.
- Be particularly careful when engaged in strenuous exercise or work, to avoid injury to yourself and others.
- Do NOT wear your watch while in a sauna or other location where your watch may become excessively hot, since there is the risk of burns.
- Be careful when putting on and taking off your watch, since there is a risk of damaging your fingernails, depending on the manner in which the band is fastened.



CAUTION Precautions

- Always use the watch with the crown pushed in (normal position). If the crown is of the screw lock-type, make sure it is securely locked.
- Do NOT operate the crown when the watch is wet. Water may penetrate into the watch, causing deterioration of water resistance.
- If water enters the watch or the watch fogs up and does not clear up even after a long time, consult your dealer or Customer Support Center for inspection and/or repair.
- If a watch of upgraded water resistance for daily use is immersed in sea water or subjected to excessive perspiration, thoroughly rinse with fresh water and wipe completely dry with a soft cloth.
- If seawater enters the watch, place the watch in a box or plastic bag and immediately take it in for repair. Otherwise, pressure inside the watch will increase, and parts (crystal, crown, push button, etc.) may come off.

CAUTION When Wearing Your Watch

<Band>

- The durability of a leather band may be affected when wet (fading, peeling of adhesive), owing to the properties of the material. Moreover, wet leather may cause a rash.
- It is recommended to take off the watch if it gets wet, even if the watch itself is water-resistant.
- Do Not wear the band too tightly. Try to leave enough space between the band and your skin to allow adequate ventilation.
- The rubber (urethane) band may be stained by dyes or soil present in or on clothing or other accessories. Since these stains may not be removable, caution is required when wearing your watch with items that tend to easily transfer color (articles of clothing, purses, etc.). In addition, the band may be deteriorated by solvents or moisture in the air. Replace with a new one when it has lost elasticity or become cracked.

<Temperature>

- The watch may stop or the function of the watch may be impaired in extremely high or low temperature. Do not use the watch in places where the temperature is outside the operating temperature range as stated in the specifications.

<Static Electricity>

- The integrated circuits (IC) used in quartz watches are sensitive to static electricity. Please note that the watch may not indicate the correct time if exposed to intense static electricity.

<Magnetism>

- Analog quartz watches are powered by a step motor that uses a magnet. Subjecting the watch to strong magnetism from the outside can cause the motor to operate improperly and prevent the watch from indicating the correct time. Do not allow the watch to come into close proximity to magnetic health devices (magnetic necklaces, magnetic elastic bands, etc.) or the magnets used in the latches of refrigerator doors, clasps used in handbags, the speaker of a cell phone, electromagnetic cooking devices and so on.

<Strong Shock>

- Avoid dropping the watch or subjecting it to other strong impact. It may cause malfunctions and/or performance deterioration as well as damage to the case and bracelet.

<Chemicals, Corrosive Gasses and Mercury>

- If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nail-polish remover, cresol, bathroom cleaners and adhesives, water repellent, etc.) are allowed to come into contact with the watch, they may discolor, dissolve or crack the materials. Be careful when handling these chemicals. Contact with mercury such as that used in thermometers may also cause discoloration of the band and case.



CAUTION Always Keep Your Watch Clean

- Rotate the crown while it is pressed in fully and press the buttons periodically so they do not become stuck due to accumulations of foreign matter.
- The case and band of the watch come into direct contact with the skin in the same manner as undergarments. Corrosion of the metal or unnoticed soiling such as that caused by perspiration and dirt can soil sleeves and other portions of clothing. Keep your watch clean at all times.
- The case and band of the watch come into direct contact with the skin.
Rust, dirt or perspiration present on the watch's body or band may cause itching or a rash on your skin. Such problems may also occur if you have an allergy to certain metals or leather.
If you think there is something wrong, discontinue wearing the watch immediately and consult your physician.
- Leather bands may become discolored by perspiration or dirt. Always keep your leather band clean by wiping with a dry cloth.

CAUTION Caring for Your Watch

- Wipe any dirt or moisture such as perspiration from the case and crystal with a soft cloth.
- For a metallic, plastic or rubber watchband, wash any dirt off with water. Remove the small amounts of dirt trapped between the crevices of the metallic band with a soft brush.
- If you will not be using your watch for an extended period of time, carefully wipe off any perspiration, dirt or moisture and store in a proper location, avoiding locations subject to excessively high or low temperatures and high humidity.

<About the Watch with Luminous Paint>

The paint on the dial and hands helps you with reading the time in a dark place. The luminous paint stores light (daylight or artificial light) and glows in a dark place.

It is free from any radioactive substance or any other material harmful to a human body or environment.

- The light emission gradually becomes weaker as time passes.
- The duration of the light (“glow”) will vary depending on the brightness, types of and distance from a light source, exposure time, and the amount of the paint.
- The paint may not glow and/or may dissipate quickly if exposure to light was not sufficient.

Warranty and service

<Free Guarantee>

In the case a malfunction has occurred during the course of normal use while the watch is still under warranty, the watch will be repaired free of charge in accordance with the conditions of the warranty included with this manual.

<Stock Period of Repair Parts>

Our's standard period for stocking repair parts for each model is generally seven year. When an exterior part such as the watch case, glass, dial, hand, crown or band is damaged, a spare part with different appearance may sometimes be used.

<Repair Period>

Repairs can be performed on your watch within the repair parts stock period even after the free guarantee has expired. However, you will be charged for these repairs. Please take the watch to the shop where you purchased it and ask whether it can be repaired because the repair period varies according to the conditions of use, environment and so forth. Moreover, there are cases in which it is difficult to restore the watch to its original accuracy when decreased accuracy has resulted from long-term use.

<Change of Address or Receiving as a Gift>

In the event that you have moved or have received your watch as a gift, and are not able to bring your watch to the shop where it was purchased for servicing, please consult Customer Support Center.

<Periodic Inspection (Charge Basis)>

You should have your watch inspected every 2-3 years to extend its life and ensure safety (charge basis). When replacing parts, always make sure to request genuine parts. When it becomes necessary to replace packings and springs, it may sometimes also be necessary to inspect other parts or to make repairs in addition to replacing the parts. Please ask for more detailed information on repair or replacement expenses at the shop where you purchased your watch or Customer Support Center.

<Request to Customers>

All parts of this watch, except for the band, are to be repaired only at CITIZEN.

This is because special technologies and equipment are required to perform repairs, inspections and adjustments. Please make requests for repairs to Customer Support Center when having your watch repaired.

<Other Inquiries>

If you have any questions regarding the way warranty, repairs or other matters, please inquire at the shop where you purchased your watch or Customer Support Center.

Information

The time signal

The time signal is broadcast almost continuously 24-hours a day, but may occasionally be interrupted due to maintenance. The broadcasting conditions of the time signal for Japan can be checked on the English web site of Japan Standard Time Project (<http://jty.nict.go.jp/index-e.html>).

The time signal has no effect on the human body or medical equipment.

To avoid hand misalignment by impacts or magnetism—Perfex



JIS Type-1 antimagnetic performance:

This watch maintains its time functionality as close as 5 cm away from devices that generate a magnetic field during normal use.

Impact detection function:

This function prevents unwanted movement of the hour, minute and second hands when the watch receives an impact.

Automatic hand correction function (hand reference position auto-correction function):

The reference position of the hands is checked at regular intervals, and if there is any misalignment, the hour, minute and second hands are rapidly corrected to maintain the correct time.

Specifications

Model	H61*	Type	Analog solar-powered watch
Timekeeping accuracy	Within ± 15 seconds per month on average (when worn at normal temperatures between $+5^{\circ}\text{C}$ and $+35^{\circ}\text{C}$ without the time signal reception)		
Operating temperature range	-10°C to $+60^{\circ}\text{C}$		
Display functions	Time: Hours, minutes, seconds, 24 hours, Cities, Calendar: Date, Power reserve level: four degrees, Receiving stations: five stations in four regions (JJY: Japan, WWVB: USA, DCF77: Germany, BPC: China)		
Battery duration without recharging	- Fully charged to fully discharged Approx. four years (from a full charge with power save feature engaged) Approx. eight months (from a full charge without power save feature engaged) - Two seconds interval movement to stopping: Approx. six days		
Battery	Rechargeable cell, 1pc.		

Additional functions

- Power reserve indication
- Overcharging prevention function
- Insufficient charge warning function (two-second interval movement)
- Energy saving function (power save feature)
- Receiving time signal (automatic, on demand, automatic recovery)
- Confirming reception status (RX, H, M, L, and NO)
- Indicating the result of the last reception
- Automatic selection of time signal stations
- Daylight saving time (SMT AU/MA, STD AU/MA)
- Chronograph (up to 60 minutes by 0.2 seconds)
- World time (26 cities and UTC)
- World time alarm
- Perpetual calendar (until February 28th, 2100)
- Perfex (JIS Type-1 antimagnetic performance/Impact detection function/Automatic hand correction function)
- Correcting reference position

Specifications are subject to change without prior notice.

Customer support center

For support, call us or visit our web site.

- Access is also possible from cellular phone and PHS.
- Please turn on caller ID for your phone before calling. If caller ID is turned off, please dial “186” before dialing the phone number.
- For the purpose of improving the quality of our support service, phone conversations are recorded.
- Support is provided in Japanese only.

Repair service

Citizen Customer Service

TEL: **0120-977-867**

Business hours: 9:30-12:00/13:00-17:00

(Monday thru Friday excluding holidays)

3-24-4 Ayase, Adachi-ku, Tokyo (〒120-0005)

Other service

Citizen Consumer Help Desk

TEL: **0120-78-4807**

Business hours: 9:30-17:30 (Monday thru Friday excluding holidays)

All relevant information can be found in the “サポート” section of our web site.

URL: **<http://citizen.jp/>**

TOKYO SUPPORT SERVICE TEL: 03-6327-3894

2F Citizen Nakano Bldg., 5-68-10, Nakano, Nakano-ku, Tokyo (〒164-8726)

OSAKA SUPPORT SERVICE TEL: 06-6252-1432

3-8-9 Minami-Senba, Chuo-ku, Osaka (〒542-0081)

HAR06

CT077

<http://citizen.jp/>

Cal.H61 *