

CITIZEN®

INSTRUCTION MANUAL



***Eco-Drive***®



ENGLISH

DEUTSCH

FRANÇAIS

ESPAÑOL

ITALIANO

PORTUGUÊS

Thank you for purchasing a CITIZEN watch. To ensure correct use, please read these instructions carefully. Please confirm that the CITIZEN International Guarantee Card is included for your possible claim.

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Vielen Dank für den Kauf dieser CITIZEN Uhr. Bitte lesen Sie diese Anleitung durch, um mit den Funktionen dieser Uhr vertraut zu werden. Überprüfen Sie bitte in Ihrem eigenen Interesse, ob der Uhr die internationale CITIZEN Garantiekarte beigelegt ist.

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Nous vous remercions d'avoir porté votre choix sur une montre CITIZEN. Pour assurer une utilisation correcte, veuillez lire ces instructions attentivement. Veuillez vous assurer que la carte de garantie internationale CITIZEN est fournie pour toute réclamation éventuelle.

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Muchas gracias por la compra de este reloj CITIZEN. Para asegurar un uso correcto, lea detenidamente estas instrucciones. Verifique de que la tarjeta de Garantía Internacional de CITIZEN le sea suministrada con el reloj en el momento de la compra, de esta manera, podrá reclamar servicios de acuerdo con los términos de la garantía.

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Grazie per aver scelto un orologio CITIZEN. Per la sicurezza di un uso corretto, si prega di leggere attentamente le istruzioni. Inoltre abbiate la cortesia di assicurarvi che la carta di garanzia internazionale CITIZEN sia inclusa in caso di un eventuale reclamo.

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Muito obrigado por adquirir um relógio CITIZEN. Para garantir uma utilização correta, por favor leia estas instruções atentamente. Confirme também se o Cartão Internacional de Garantia da CITIZEN acompanha o relógio. Ele será necessário no caso de uma possível reclamação.

**\* Notice**

All repairs performed on this watch are to be performed at the CITIZEN.

When desiring to have your watch repaired or inspected, please contact the Citizen Service Center.

### <This radio controlled watch receives standard radio signals broadcast from Germany>

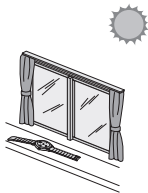
This is a radio controlled watch; it has the Automatic reception function and On demand reception function. Every day at 3 a.m. or 4 a.m., the watch automatically receives a radio signal and adjusts the time (Automatic reception), or the signal can be received and the time adjusted at any desired time (On demand reception).

The radio controlled watch has no effect on the human body or medical equipment.

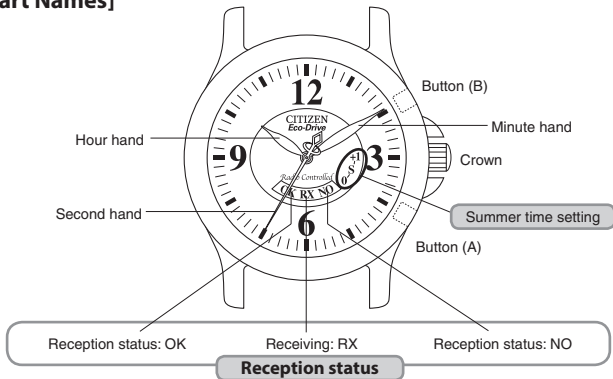
### <Fully charge your watch before use by exposing it to sufficient light>

The second hand will move at 2-second intervals when the watch is insufficiently charged. Charge your watch as indicated in “Guide to Charging Time” (p. 40).

- **Charge the watch in direct sunlight for a long time once a month.**

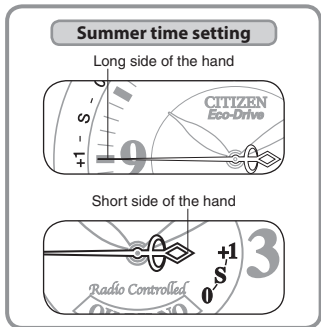
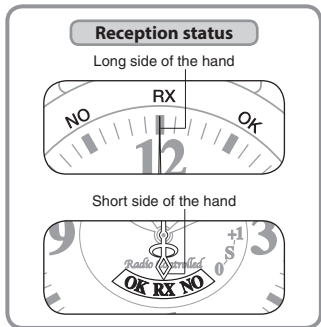


## [Part Names]



\* The illustrations shown in this manual may differ from the actual watch you have purchased.

- Depending on the particular watch model, some indicate the reception status and daylight saving setting with the long side of the second hand, while others indicate with the short side of the second hand.



\* Depending on the particular watch model, some do not have an “S” indication.

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# 1. Your Watch

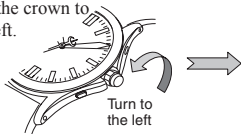
- **Automatic reception function:** Every morning at 3 a.m. and 4 a.m. the watch will automatically receive a signal and adjust the time.  
However, if reception is successful at 3 a.m., automatic reception will not be performed at 4 a.m.
- **On demand reception function:** The radio signals can be received at any time of the day to adjust the time.
- **Eco-Drive function:** This solar powered Eco-Drive watch is equipped with a solar power function for powering the watch by converting light energy into electric energy. The watch incorporates a power saving function that reduces the electrical power consumption when the watch face is not exposed to light.
- **Time zone adjustment function:** The watch incorporates a convenient time zone adjustment function ( $\pm 27$  hours).  
A simple method is available for changing to the local time if you are going to an area in a different time zone.
- **Daylight saving function:** Summer time can easily be set.

## 2. Operating the Crown

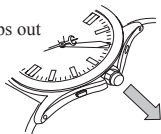
There are two models available for the crown: normal and screw lock.

### <Operating the Screw Lock Crown>

- Turn the crown to the left.



- When the screw lock is released, the crown pops out a little and stops in the normal position. After finishing the operation, lock the crown again.



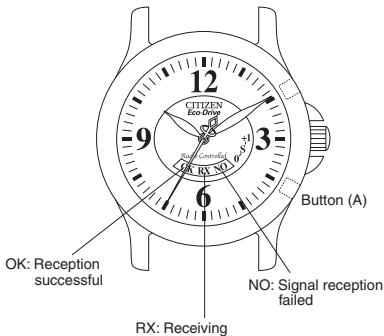
### <Moving the Hands Continuously>



Using the side of your finger, quickly turn the crown by two or more clicks.

When the crown is pulled out to the position 1 and quickly turned to the left or right (more than 2 clicks), the hands will rotate continuously. To stop the continuous movement of the hands, turn the crown to the left or right by one click.  
\* A gentle “click” can be felt by the fingertips.

### 3. Before Use

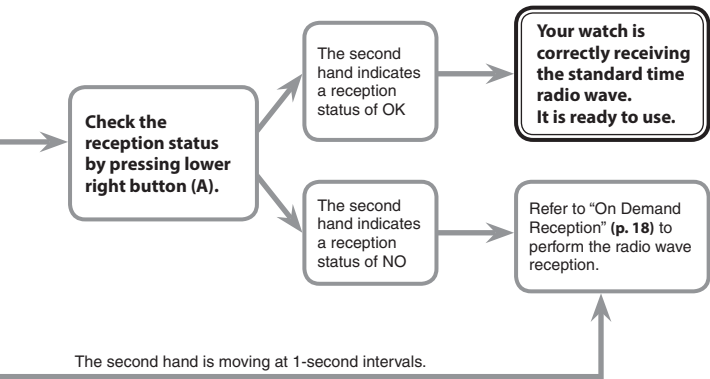


#### Check the movement of the second hand

The second hand is moving at 1-second intervals.

The second hand is moving at 2-second intervals.

Charge the watch sufficiently by placing it in direct sunlight as indicated in "Guide to Charging Time" (p. 40).



## [Checking the Reference Position]

**Before using the watch, check that the hands are aligned with “0”, similar to when setting weighing scales**

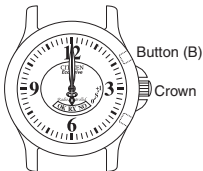
- The reference position may become misaligned when the watch is exposed to strong magnetism, static electricity or impacts. Even if radio waves are received, the correct time will not be indicated unless the watch hands are aligned to the correct reference position. Check that the hands are properly aligned with “0”.



### **Examples of magnetic products that can affect the watch.**

- Health products (for example, medical necklaces and waist bands that have magnetic fields)
  - Refrigerators (magnetic part of the door)
  - Electromagnetic cookers
  - Bags (with magnet fasteners)
  - Mobile phones (speaker part)
- Keep the watch away from items similar to those above.

**Correct reference position  
12:00:00**



⊙ **Check that the reference position aligns correctly in the 12:00:00 position.**

1. With the crown in the normal position, press the upper right button (B) continuously for about 5 seconds.
2. Release the upper right button (B) when the second hand begins to move.  
The hands will move rapidly, stopping at the reference position recorded in the watch memory.

⊙ **The hands are aligned with the 12:00:00 position.**

Press the upper right button (B), or leave the watch for 2 minutes, and the hands will return to their normal movement.

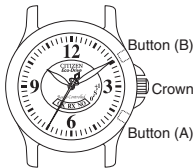
**Check the  
reference  
position**

**Reference position  
is correct**

**Reference position is incorrect**

- ⊙ **The hands are not aligned with the 12:00:00 position.  
Pull out the crown and correct the reference position. (p. 30)**

## 4. Functions List



Function	Button or crown operation
On demand reception <b>(p. 18)</b>	Press lower right button (A) for more than 2 seconds and release when the second hand stops in the RX position.
Confirm reception status <b>(p. 20)</b>	Press lower right button (A) once.
Time difference setting <b>(p. 28)</b>	Press the upper right button (B) once, turn the crown to set the time difference, and press the upper right button (B) once more to complete the operation.
Summer time setting <b>(p. 24)</b>	Press the lower right button (A) once, then within 10 seconds press the upper right button (B).
Setting the time manually <b>(p. 26)</b>	Pull out the crown to position 1.

	<b>Hand movement</b>
	<ul style="list-style-type: none"> <li>• The second hand will stop at RX and reception will begin.</li> </ul>
	<ul style="list-style-type: none"> <li>• The second hand will stop at OK or NO.</li> </ul>
	<ul style="list-style-type: none"> <li>• The second hand will stop at the 12:00 position. (If a time difference setting has been made, it will stop at the position appropriate for the time difference.)</li> <li>• The second hand at the 12:00 position indicates time difference of <math>\pm 0</math> hours. Turn the crown to set the time difference. One step of the second hand indicates a one hour time difference.</li> </ul>
	<ul style="list-style-type: none"> <li>• The second hand will stop at the reception status confirmation position (OK or NO).</li> <li>• If the upper right button (B) is pressed, the second hand will indicate summer time setting, "0" (off) or "+1" (on).</li> <li>• Turn the crown to the right to select "0" (off), or to the left to select "+1" (on).</li> <li>• Press button (A) or (B) to complete the operation. If the watch is left, the hands will return to their normal movement after 10 seconds.</li> </ul>
	<p>Second hand, minute hand, hour hand:</p> <ul style="list-style-type: none"> <li>• Turn the crown to the right to rotate the second hand clockwise once and move the minute hand ahead by 1 minute.</li> <li>• Turn the crown to the left to rotate the second hand counterclockwise once and move the minute hand back by 1 minute.</li> </ul> <p>Turn the crown quickly to move the hour and minute hands continuously.</p>

## Radio Signal Reception

### 5. For Best Reception

There are three kinds of reception: automatic reception, on demand reception, and recovery automatic reception.

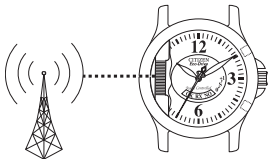
When the radio signal has been properly received, your watch will automatically adjust the time.

When reception is complete, each of the hands will move either clockwise or counterclockwise to the received time.

Remove the watch from your wrist and place on a stable surface near a window where the radio signal can be easily received, pointing the 9:00 position in the direction of the radio signal transmitter.

Do not move the watch during reception.

- Reception may be difficult due to the surroundings or metal shielding.  
When inside a building, place the watch as close to a window as possible for good reception.
- Radio signal reception may be difficult during the hours around sunrise and sunset.  
Avoid attempting to receive radio signals during these times.



## 6. Poor Reception Areas

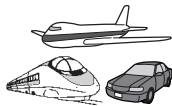
It may be difficult to properly receive the radio signals under certain environmental conditions or in areas susceptible to radio noise.



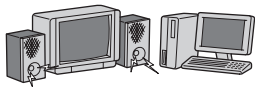
- Extremely hot or cold locations



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



- Inside vehicles, including cars, trains and aero planes



- Near TVs, refrigerators, computers, fax machines and other electrical equipment or office appliances



- Near cellular phones that are in use



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

## 7. Receiving the Radio Signals

### Automatic Reception

- Place the watch in a stable location near a window where the radio signal can be easily received with the 9:00 position pointing towards the transmitter. The watch will receive the radio signals at 3 a.m. every day. If a signal cannot be received at 3 a.m., it will try again automatically at 4 a.m.

### On Demand Reception (Manual Reception)

Signals can be received at any time.

Use this function when automatic reception is impossible due to changes in the reception environment.

(Depending on the weather or noise conditions, reception can take up to 15 minutes.)

1. Remove the watch from your wrist and place on a stable surface near a window where the radio signal can be easily received, pointing the 9:00 position in the direction of the radio signal transmitter.



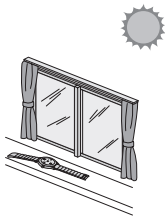
Button (A)

The second hand stops at the RX position.

2. Press the lower right button (A) for more than 2 seconds and release it when the second hand stops at the RX position.
3. When reception is complete, the second hand will leave the RX position and return to normal movement.  
Referring to “Confirming the Reception Status” (p. 20), check the reception status.

### Recovery Automatic Reception

- If the watch stops due to insufficient charging, expose the watch to sunlight to recharge it. When the watch is recharged sufficiently, it will automatically receive the radio wave once. Please remember to keep the watch charged to prevent this situation from occurring.
- If the lower right button (A) is pressed for more than 2 seconds during reception, the reception will be cancelled and the hands will return to their normal movement.



## Confirming the Reception Status

- The reception status (reception successful or failure) can be confirmed.
1. Press the lower right button (A). The second hand will stop at the OK or NO position indicating the last reception status.

### [NOTE]

Do not press the lower right button (A) for more than 2 seconds. If you do this, the second hand will move to the RX position and on demand reception will begin.

### ● OK indication



Reception was successful.

The watch has been set to the correct time.

\* If reception was successful, but the time is not correct, refer to “Checking the Reference Position” (p. 12), and “Correcting the Reference Position” (p. 30).

● **NO indication**



Unable to receive a signal.  
Retry reception, either on demand reception or automatic reception.

2. Press the lower right button (A). The hands will return to their normal movement.  
If the watch is left, the hands will return to their normal movement after 10 seconds.

<Even if the radio wave is received correctly, there could be a slight deviance from the correct time due to factors such as the radio wave reception environment and internal watch processing.>

## Reception Area Guidelines

This watch can receive the standard time signal broadcast from Germany. The map shows the approximate reception area. Suitable reception areas may vary according to changes in conditions for the signal due to factors including time, season and weather.

The reception area on the map is only guideline, and it may be difficult to receive the radio signal even within the areas indicated on the map.

Standard time radio signal	Radio signal transmitter
DCF77	Mainflingen Transmitter, Southeast Frankfurt

The standard time radio wave this watch uses is broadcast almost continuously 24-hours a day, but may occasionally be interrupted for maintenance.

Even if reception of the standard time radio signal has failed, the watch will continue to be accurate to within  $\pm 15$  seconds per month.

DCF77 (Germany) Mainflingen: 900 km radius from the transmitter



## 8. Setting the Summer Time

If the watch is receiving the standard time signal broadcast from Germany, there is no need to set summer time. Use this setting if it is not possible to receive the standard time signal, or if in a region where the summer time is used and standard time signal cannot be received.

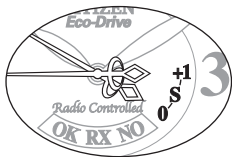


### [Setting summer time]

1. Press the lower right button (A). The second hand will stop at the OK or NO position. If the upper right button (B) is pressed within 10 seconds, the second hand will indicate daylight saving setting by moving to “0” (off) or “+1” (on).

#### [NOTE]

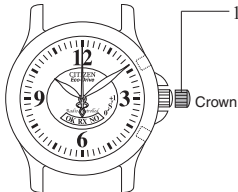
Do not hold the lower right button (A). If you do this, the second hand will move to the RX position and on demand reception will begin.



2. Turn the crown to the right to select “0” (summer time off), or to the left to select “+1” (summer time on).
3. Press button (A) or (B) to complete the operation. If the watch is left, the hands will return to their normal movement after 10 seconds.

## Setting the Time Manually

# 9. Setting the Time



1. Pull out the crown. The second hand will align with the 0 seconds position.

### [NOTE]

If the second hand does not align with the 0 seconds position, it is possible that the reference position is incorrect. Refer to "Checking the Reference Position" (p. 12), and "Correcting the Reference Position" (p. 30).

2. Turn the crown to set the time.

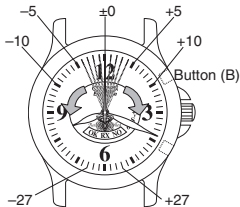
With every click, each of the hands moves sequentially one minute at a time.  
(Turn to the right to move forward; turn to the left to move back.)

Turn the crown quickly (more than 2 clicks) to move the hands continuously.  
To stop the continuous movement, turn the crown one click to the left or right.

3. Set the time by using a time signal and press in the crown to complete the operation.

## 10. Correcting the Time Difference

When traveling to a different time zone, the time difference can be set (in 1-hour units,  $\pm 27$  hours) to match the local time using the second hand.



1. Press the upper right button (B) once. The second hand will stop at the 12:00 position. The second hand 12:00 position indicates a time difference of  $\pm 0$  hours.  
\* If the time difference has already been set, this time difference is indicated.
2. Turn the crown without pulling it out. Turn the crown to the right by 1 click to move the second hand ahead by 1 step. Time difference of +1 hour is set. Turn the crown to the left by 1 click to move the second hand back by 1 step. Time difference of -1 hour is set.

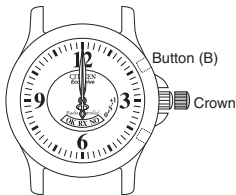
### Example:

When going to an area with a time difference of 5 hours, align the second hand with the 5 second position.

3. After setting the time difference, press the upper right button (B) once. The time difference will be indicated and then the hands will return to their normal movement. (If the watch is left for 60 seconds, the hands will return to their normal movement.)

# 11. Correcting the Reference Position

If the reference position does not indicate “12:00:00”, the reference position must be corrected.



1. Press the upper right button (B) for more than 5 seconds, and release when the second hand begins rotating rapidly. While the hand is still moving, pull out the crown and wait until the hand stops moving.

**Correct reference  
position  
12:00:00**

2. Align the hands with the “12:00:00” reference position.  
Turn the crown one click to the right to advance the hand by one second, and one click to the left to retard it by one second.  
Turn the crown quickly (more than 2 clicks) to move the hands continuously.  
To stop the continuous movement, turn the crown one click to the left or right.
  3. After correcting the reference position, press in the crown to record the new reference position.
  4. Press the upper right button (B) once. The hands will rapidly return to the current time.  
If the watch is left for 2 minutes, the hands will return to their normal movement.
- In the event that the time is not correct, carry out “On Demand Reception” (p. 18).

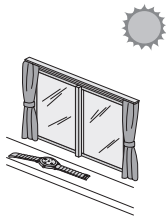
## 12. Solar Power Function

This watch uses a rechargeable cell to store electrical energy. When the watch is fully charged, it will maintain its accuracy for about 6 months.

### <Ensuring best operation of the watch>

**Always store the watch in a bright location for best results.**

- Placing the watch near a window where its face can receive sunlight or near another source of light when you are not wearing it will ensure that the watch is regularly charged, allowing it to maintain its accuracy.



- Wearing clothes with long sleeves makes it difficult for the watch to get the necessary light, resulting in insufficient charging.  
It is recommended that the watch be left in direct sunlight once a month to charge it.

**[NOTE]**

Do not charge on surfaces that can easily become hot, such as a car dashboard.



# 13. Characteristics of the Eco-Drive Watch

⊙ When the watch is insufficiently charged, the indication will be changed as follows:

**[Normal indication]**



The watch has been insufficiently charged because the watch face, which contains the solar cell, has not received sufficient light.

**[Insufficient charge warning]**



The insufficient charge warning (a 2-second interval movement) continues for more than 2 days.

2-second interval movement

The second hand will begin a 2-second interval movement.

- \* 1. When the watch stopped due to insufficient charging
  - It takes at least 30 minutes to recharge sufficiently to perform recovery automatic reception, even if the watch is being exposed to light.  
After recovery, refer to “Guide to Charging Time” (p. 40) and sufficiently charge the watch.
- \* 2. If the watch failed to perform recovery automatic reception
  - The time is incorrect even if the second hand moves at 1-second intervals, so after fully charging the watch, set the time manually or perform on demand reception.

### [Recovery automatic reception]

The watch will stop due to an insufficient charging.

Sufficiently charge by exposing the watch face, which contains the solar cell to light.\*1



When the watch is recharged sufficiently, it will receive the radio signal automatically once.

When a radio signal has been successfully received\*2

## **Power Saving Function**

When the watch is stored in a dark location, the solar cell is not exposed to light and power is not generated continuously for 1 week or more, the power saving function is activated and some features of the watch will be deactivated.

The power saving function will be automatically canceled when the watch face is exposed to light. Be sure to expose the watch to light until the hands begin moving.

## <Canceling the power saving function>

The power saving function will be automatically canceled when the watch face is exposed to light.

- If the watch is insufficiently charged, the second hand will begin the 2-second interval movement. Charge the watch adequately to restore normal movement of the hands.

### [NOTE]

- The power saving function cannot be canceled with crown or button operations. Cancel the power saving mode by placing the watch in light.
- After the power saving mode has been canceled, press the lower right button (A) once to check the reception status.  
If it is not showing the correct time, carry out "On demand reception" (p. 18) or "Setting the Time Manually" (p. 26) before using.

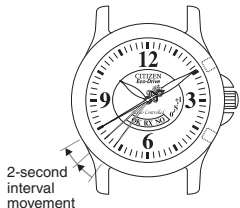
## Insufficient Charge Warning Function

The second hand's movement changes from 1-second intervals to 2-second intervals to show that the watch is insufficiently charged.

The watch will stop due to an insufficient charging about 2 days after starting the 2-second interval movement.

### [NOTE]

During 2-second interval movement, automatic reception, on demand reception, time difference setting and manual time setting are unavailable.



- If the charging insufficiency occurs during “Radio signal reception”, “Confirming reception status”, “Time difference correction” or “Checking/correcting the reference position”, the operation will stop automatically, the watch will return to the time before the operation, and 2-second interval movement will begin.  
Regularly charge your watch so it does not become insufficiently charged.

## **Overcharging Prevention Function**

Whenever the rechargeable cell becomes fully charged by exposing the solar cell to light, the overcharging prevention function is automatically activated to prevent the watch from being charged further.

No matter how much the watch is charged, it will not affect the rechargeable cell, timekeeping, functions or performance of the watch.

## Guide to Charging Time

Below are the approximate times required for charging when exposing the watch dial to light continuously. This table is for general reference only and does not represent exact charging times.

Environment	Illuminance (lx)	Charging time (approx.)		
		To work for one day	To start working normally when the cell is discharged	To become fully charged when the cell is discharged
Outdoors (sunny)	100,000	3 minutes	40 minutes	18 hours
Outdoors (cloudy)	10,000	12 minutes	1.5 hours	60 hours
20 cm (7-7/8 inches) from a fluorescent lamp (30W)	3,000	40 minutes	3 hours	190 hours
Interior lighting	500	4 hours	20 hours	—

To work for one day...

The charging time to run the watch for one day with normal movement.

To become fully charged when the cell is discharged...

The time for full charging after the watch has stopped due to an insufficient charging.

**[NOTE]**

A fully charged battery will run the watch for about 6 months without further charging. The watch will maintain its accuracy for about 2 and a half years when running in the power saving mode.

Charge the watch every day, as it will take a long time to recharge it, as is indicated in the table, when it stops due to an insufficient charging.

Furthermore, it is recommended to charge your watch by exposing to direct sunlight for a long time once a month.

## Handling Your Eco-Drive Watch

### **CAUTION** Charging precautions

- Overheating while charging can cause the watch exterior to become discolored, the watch to deform or the movement to be damaged.
- Do not charge the watch in a high-temperature environment (about 60°C/140°F or more).

#### **Example:**

- Charging close to incandescent lighting, halogen lamps, or other lighting sources that easily become hot.
- Charging on surfaces that can easily become hot, such as a car dashboard.
- When charging with incandescent lighting, halogen lamps, or other lighting sources that easily become hot, place the watch at least 50 cm (20 in.) away from the source to avoid overheating.

## **WARNING** Handling the rechargeable cell

- Do not remove the rechargeable cell from the watch yourself, unless unavoidable. If you must remove the rechargeable cell, store it out of reach of children to avoid accidental ingestion.
- If the rechargeable cell is ingested, consult a doctor immediately.

## **WARNING** Changing the rechargeable cell

- Although the rechargeable cell should never need to be changed, in rare instances, the watch may be unable to be charged due to a problem with the rechargeable cell. If a problem occurs, have the watch repaired as soon as possible.

# Troubleshooting

## <Radio signal reception function>

If you believe your watch may be inoperative, consult the following chart:

Problem	Check	Remedy
The watch does not receive radio signals.	<ul style="list-style-type: none"><li>• Does the second hand align with the RX (receiving) position?</li></ul>	<ul style="list-style-type: none"><li>• Press and hold the lower right button (A) until the second hand has reached the RX position.</li></ul>
The watch can receive the radio signal, but it does not show the correct time. The second hand does not align accurately with the OK/RX/NO positions.	<ul style="list-style-type: none"><li>• Is the reference position set correctly?</li></ul>	<ul style="list-style-type: none"><li>• Confirm the reference position. <b>(p. 12)</b> If the reference position is not correctly set, refer to "Correcting the Reference Position" and correct the reference position. <b>(p. 30)</b></li></ul>

Problem	Check	Remedy
Reception is successful, but the time is out by a factor of hours.	<ul style="list-style-type: none"> <li>• Check the time difference setting.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the correct time difference setting. <b>(p. 28)</b></li> </ul>
Radio signal cannot be received (where reception is possible).	<ul style="list-style-type: none"> <li>• Are there objects nearby that could block radio signals or generate noise?</li> <li>• Are you attempting to receive the radio signal in a location far from a window?</li> </ul>	<ul style="list-style-type: none"> <li>• Avoiding objects that shield the radio waves and sources of radio noise, try to receive the signal with the 9:00 position of the watch pointing towards a window. Find a location such as window that is conducive to radio signal reception and change the watch location, direction and angle. <b>(p. 16)</b></li> </ul>
	<ul style="list-style-type: none"> <li>• Was the watch moved during reception while the second hand was aligned with the RX position?</li> </ul>	<ul style="list-style-type: none"> <li>• Do not move the watch until the signal has been properly received (until normal hand movement returns).</li> </ul>

## <Eco-Drive>

Problem	Check	Remedy
<ul style="list-style-type: none"><li>• The second hand is moving at 2-second intervals.</li><li>• The watch has stopped.</li><li>• The watch does not work even after charging.</li></ul>	<ul style="list-style-type: none"><li>• Did you charge the watch sufficiently in sunlight?</li></ul>	<ul style="list-style-type: none"><li>• Charge the watch sufficiently, as indicated in “Guide to Charging Time”. <b>(p. 40)</b></li><li>• If the watch does not work even after charging, contact the Citizen Service Center.</li></ul>

Problem	Check	Remedy
<ul style="list-style-type: none"><li>• The hands moved forward quickly at the moment that the watch was removed from a desk or drawer.</li></ul>		<ul style="list-style-type: none"><li>• This is because the power saving mode was canceled when the watch was exposed to light, and the hands moved forward quickly to the current time. It is ready to use. <b>(p. 36)</b></li></ul>

## Precautions

### WARNING: Water-resistance performance

There are several types of water-resistant watches, as shown in the following table.

The unit "bar" is roughly equal to 1 atmosphere.

\* WATER RESIST(ANT) xx bar may also be indicated as W.R. xx bar.



Minor exposure to water  
(washing face, rain, etc.)





Indication		Specifications
Dial	Case (case back)	
WATER RESIST or no indication	WATER RESIST(ANT)	Water-resistant to 3 atmospheres
WR 50 or WATER RESIST 50	WATER RESIST(ANT) 5 bar or WATER RESIST(ANT)	Water-resistant to 5 atmospheres
WR 100/200 or WATER RESIST 100/200	WATER RESIST(ANT) 10bar/20 bar or WATER RESIST(ANT)	Water-resistant to 10/20 atmospheres

**OK**

**OK**

**OK**

For correct use within the design limits of the watch, confirm the level of water-resistance of your watch, as indicated on the dial and case, and consult the table.

Examples of use			
 <p>Moderate exposure to water (washing, kitchen work, swimming, etc.)</p>	 <p>Marine sports (skin diving)</p>	 <p>Scuba diving (with air tank)</p>	 <p>Operation of the crown or button with moisture visible</p>
<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>OK</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>OK</b>	<b>OK</b>	<b>NO</b>	<b>NO</b>

## **WARNING: Water-resistance performance**

- Water-resistance for daily use (to 3 atmospheres): This type of watch is water-resistant to minor exposure to water. For example, you may wear the watch while washing your face; however, it is not designed for use underwater.
- Upgraded water-resistance for daily use (to 5 atmospheres): This type of watch is water-resistant to moderate exposure to water. You may wear the watch while swimming; however, it is not designed for use while skin diving.
- Upgraded water-resistance for daily use (to 10/20 atmospheres): This type of watch may be used for skin diving; however, it is not designed for scuba or saturated diving using helium gas.

## **CAUTION**

- Be sure to use the watch with the crown pressed in (normal position). If your watch has a screw-lock type crown, be sure to tighten the crown completely.
- Do NOT operate the crown or button with wet fingers or when the watch is wet. Water may enter the watch and compromise water-resistance.
- If the watch is used in seawater, rinse with fresh water afterward and wipe with a dry cloth.
- If moisture has entered the watch, or if the inside of the crystal is fogged up and does not become clear within a day, immediately take the watch to your dealer or Citizen Service Center for repair. Leaving the watch in such a state will allow corrosion to form inside.

- 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, buttons, etc.) may come off.

**CAUTION: Keep your watch clean.**

- Leaving dust and dirt deposited between the case and crown may result in difficulty in pulling the crown out. Rotate the crown while in its normal position, from time to time, to loosen dust and dirt and then brush it off.
- Dust and dirt tend to be deposited in gaps in the back of the case or band. Deposited dust and dirt may cause corrosion and soil your clothing. Clean the watch occasionally.

**Cleaning the Watch**

- Use a soft cloth to wipe off dirt, perspiration and water from the case and crystal .
- Use a soft, dry cloth to wipe off perspiration and dirt from the leather band.
- To clean a metal, plastic, or rubber watchband, wash away dirt with mild soap and water. Use a soft brush to remove dust and dirt jammed in the gaps in the metal band. If your watch is not water-resistant, take it to your dealer.

**NOTE:** Avoid using solvents (thinner, benzine, etc.), as they may damage the finish.

## **CAUTION: Operating environment**

- Use the watch within the operating-temperature range specified in the instruction manual. Using the watch where temperatures are outside the specified range, may result in deterioration of functions or even stoppage of the watch.
- Do NOT use the watch in places where it is exposed to high temperature, such as in a sauna. Doing so may result in a skin burn.
- Do NOT leave the watch in a place where it is exposed to high temperature, such as the glove compartment or dash-board of a car. Doing so may result in deterioration of the watch, such as deformation of plastic parts.
- Do NOT place the watch close to a magnet. Timekeeping will become inaccurate if you place the watch close to magnetic health equipment such as a magnetic necklace or a magnetic latch of a refrigerator door or handbag clasp or the earphone of a mobile phone. If this has occurred, move the watch away from the magnet and reset the time.
- Do NOT place the watch close to household appliances that generate static electricity. Timekeeping may become inaccurate if the watch is exposed to strong static electricity, such as is emitted from a TV screen.
- Do NOT subject the watch to a strong shock such as dropping it onto a hard floor.

- Avoid using the watch in an environment where it may be exposed to chemicals or corrosive gases.

If solvents, such as thinner and benzene, or substances containing such solvents come in contact with the watch, discoloration, melting, cracking, etc. may result. If the watch comes in contact with mercury used in thermometers, the case, band or other parts may become discolored.

### **Periodical inspections**

Your watch needs inspection once in every two or three years for safety and long use.

To keep your watch water-resistant, the packing needs to be replaced regularly.

Other parts need to be inspected and replaced if necessary.

Ask for Citizen genuine parts upon replacement.

# 14. Specifications

**1. Cal. No.:** H36\*

**2. Type:** Analog solar powered watch

**3. Time accuracy:** Without reception (when watch is not receiving a radio signal)  
Average monthly deviation:  $\pm 15$  seconds (when used in of room temperature  $+5^{\circ}\text{C}$  to  $+35^{\circ}\text{C}/41^{\circ}\text{F}$  to  $95^{\circ}\text{F}$ )

**4. Acceptable temperature range:**  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}/+14^{\circ}\text{F}$  to  $140^{\circ}\text{F}$

**5. Display function:**

- Time: Hour, minute and second

**6. Additional functions:**

- Radio signal reception function (automatic reception, on demand reception, recovery automatic reception)
- Receiving indication (RX)
- Reception result confirmation function (OK, NO)
- Summer time setting
- Time difference correction function
- Reference position confirmation/correction (12:00:00)
- Power saving function

- Solar power function
- Insufficient charge warning function (2-second interval movement)
- Overcharging prevention function

#### **7. Operation time:**

- Time from a full charge until the watch stops without charging:
  - About 6 months
  - About 2.5 years (when in the power saving mode)Operating time may vary depending on the various factors such as how many times radio reception has been performed.
- Time from insufficient charge warning to watch stopping:
  - About 2 days(Operating time may vary depending on the various factors such as how many times radio reception has been performed.)

#### **8. Battery:** Rechargeable cell 1

\* Specifications may change without notice.

European Union directives conformance statement



Hereby, CITIZEN WATCH CO.,LTD. declares that this product is in compliance with the essential requirements and other relevant provisions of directive 2014/53/EU and all other relevant EU directives.

You can find your product's Declaration of Conformity at "<http://www.citizenwatch-global.com/>".

Model No.ES4 \*

Cal.H36 \*

CTZ-B8123 ⑤