

CASIO®

P

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instruction manual

5227

Thank you for purchasing our product. Please read this manual carefully and handle it correctly so that you can use it for a long time. This manual contains "Safety Precautions" for the safe and proper use of this machine. Be sure to read this before using this machine. Please keep this manual in a safe place and refer to it when necessary. \* Some of the product illustrations in this manual may differ from the actual product due to legibility considerations. note that.

• Features of this machine

-Solar power charging with solar cells

Display the correct time (radio clock)

— Please expose it to enough light before use —

This machine is designed to be used while charging the electricity generated by light. In order to use the product stably, please use it in a place where it is exposed to light according to this manual. (For charging time, see "Solar charging" on page 7.)

# Safety precautions

## About pictograms

Various pictograms are used in this manual and on the product to help you use the product safely and correctly, and to prevent injury to you and other people and damage to property. The display and meaning are as follows.



**dangerous**

Indicates an imminently hazardous situation that may result in death or serious injury if the product is handled incorrectly by ignoring this indication.



**warn**

Ignoring this indication and mishandling the product may result in death or serious injury.



**Notice**

Ignoring this indication and mishandling the product may result in personal injury or property damage only.

## Examples of pictograms



△ The symbol means "things to be careful" (caution) (the left example is electric shock caution). The symbol means "What



⊘ you must not do" (prohibited). The symbol means "must do" (mandatory)



(In the example on the left, the power plug is unplugged from the outlet).



## warn

Do not use this device for scuba diving (aqualung). • This watch is not a diver's watch. If used incorrectly,



Doing so may cause an accident.

## Handling of batteries If you

remove the button battery used in this unit, be careful not to swallow the button battery by mistake. Please be especially careful with small children. Keep batteries out of reach of small children. In the unlikely event that a child swallows a battery, consult a doctor immediately.



## CAUTION

**Maintenance** The case and band may rust from dirt and stain the cuffs of your clothes. Always keep the case and band clean. In particular, it is easy to rust if left unattended after being soaked in seawater.



## Caution Rash

**Since** the watch body and band come into direct contact with the skin, it may cause a rash depending on the conditions of use.

1 Allergies to metals and leather 2

Dirt, rust, sweat, etc. on the body and band of the watch 3 Poor health, etc. • Tightening the band makes it easier to sweat and impedes air flow.

It becomes easy to get a rash. Please use the band with some leeway.

• "Antibacterial deodorant band" suppresses the growth of bacteria caused by perspiration and prevents odors, but does not prevent skin rashes. • If you experience any abnormalities, stop using the product and consult a doctor. **do not disassemble**

Do not disassemble the device. Doing so may result in injury or damage to the machine.





### CAUTION When

**using** the watch, check the clock display in a safe place to prevent accidental falls and injuries. Be especially careful when running a marathon or jogging on the road, or while driving a bicycle, motorcycle, or car, as it may cause an accident. Also, be careful to prevent accidents due to contact with third parties. Please be careful when putting on and taking off the watch, as the clasp of the band may damage your fingernails. In particular, do not operate the clasp with long nails. To prevent accidental injury or rashes due to allergies, please be careful, such as taking off your watch when you go to bed. When holding or interacting with an infant, take sufficient care, such as removing the watch, to prevent injury to the infant or skin rashes due to allergies.

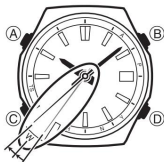
# Before using

## Provide sufficient light

This machine is designed to be used while charging the electricity generated by light. The battery capacity may decrease due to the storage period, so fully charge the battery before use. See page 7 for details.

### •Notice of running out of

charge When the capacity of the secondary battery becomes low, the second hand in the time display will move every 2 seconds to notify you of insufficient charge. See page 8 for details.



Hand movement every 2 seconds

## Power saving function

The power saving function is a function that automatically stops the movement of the hands and puts the watch into sleep mode to save power when the watch is left in a dark place. The sleep mode can be canceled by exposing the dial to light or by pressing a button.

\* Although the hands have stopped, the watch continues to tick inside.  
is.

\* Even if the watch is hidden by your sleeve, the watch may enter sleep mode.

<Reference> Entering sleep mode •Sleep

level 1 Leave the machine in a dark place

for about 1 hour between 10:00 pm and 6:00 am. • The second hand stops on the spot. \* The hour hand, minute hand and date display move. \* Automatic reception is performed.

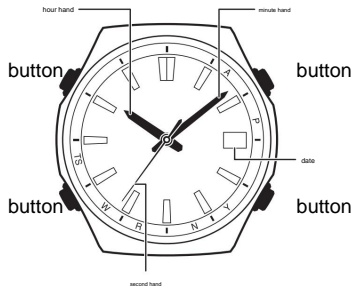
•Sleep level 2 Sleep

level 1 will pass for 6 to 7 days in a dark place. • The hour hand and minute hand stop on the spot. • No automatic reception. \* The date display moves.

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# How to operate and how to read the display

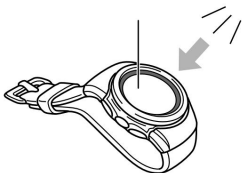


- You can check the reception result by pressing the A button once (see page 14).
- Press and hold the C button for about 2 seconds to return to the time display from any state. • See page 10 for radio wave reception.

# About solar charging

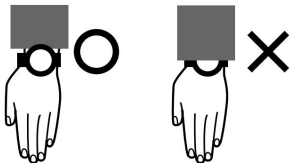
This machine is designed to be used while charging the electricity generated by light. In order to use this product in a stable condition, please use it so that the solar cell of this product is exposed to light.

- When you take the watch off your wrist, keep the dial (solar cell) facing the bright side, etc., to charge the watch. solar cell light



Please put it in the place where the light hits such as under the fluorescent light or the window.

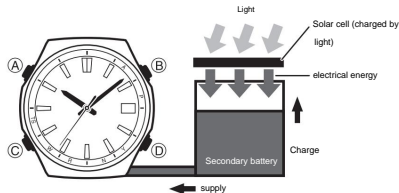
- When wearing the watch on your arm, keep the sleeve of your clothing away from the dial (solar cell) as much as possible.



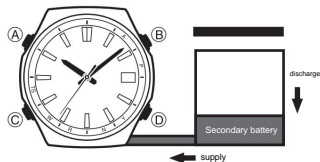
If even part of it is covered by your sleeve, charging efficiency will be significantly reduced.

- When there is light and when it is not

<When exposed to light>



<When there is no light>



Since the watch is always working even when it is not exposed to light, the capacity of the secondary battery will decrease and the function will become unusable if left as it is.

•Recovery state If the watch is used

continuously for a short period of time to receive radio waves, etc., and the battery becomes heavily burdened, the movement of the hands may stop temporarily and all functions may become unavailable. After a while, the battery voltage will recover and you will be able to use it.

•Drainage warning When

the secondary battery runs low, the second hand moves every 2 seconds in the time display to notify you of insufficient charging.

\* Even if the clock function is stopped, you can use it by charging it again. to come.

\* When charging the watch while the clock function is stopped, the hands will move to the current time position when the watch is fully charged.

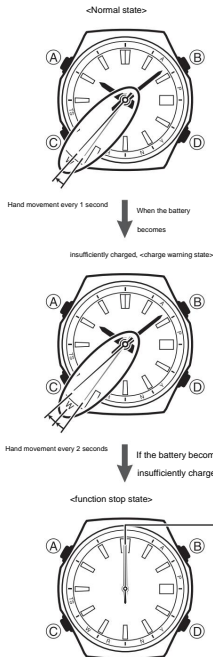
\* Before using the product, expose it to sufficient light until it returns to its normal state. please.

•Precautions when charging

Avoid charging at high temperatures such as those listed below.

- On the dashboard of a car parked in the hot sun
- Extremely close to heating elements such as incandescent lamps
- Places exposed to direct sunlight for a long time and becoming hot

Depending on the lighting conditions, the watch itself may become extremely hot during charging, so be careful not to burn yourself.



At 12:00 am, the date moves to the 1st (reference position).

<Note> The following functions cannot be used.  
Automatic and manual reception

The second hand stops at the 12:00 position, and the hour and minute hands stop moving at 12:00.

- Estimated charging
- The amount of time required to use the watch in a stable state for one day

#### Charging

time \* When receiving radio waves for approximately 4 minutes per day.

Environment (illuminance)	charging time
Such as outdoors on a sunny day (50,000 lux)	about 6 minutes
By the window on a sunny day (10,000 lux)	about 30 minutes
By a window on a cloudy day (5,000 lux)	about 48 minutes
Indoors under fluorescent lights, etc. (500 lux)	about 8 hours

\* If you charge the battery frequently, you can use it in a stable state.  
I will.

- Charging time to recover to each level

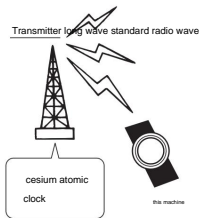
Environment (illuminance)	charging time	
	Until hand movement start	to full charge
Outdoors on a sunny day, etc. (50,000 lux)	about 2 hours	about 26 hours
By the window on a sunny day (10,000 lux)	about 6 hours	about 93 hours
By a window on a cloudy day, etc. (5,000 lux)	about 9 hours	-
Indoors under fluorescent lights, etc. (500 lux)	about 101 hours	-

\* This charging time is only a guideline, and may differ in the actual environment.

# About radio clock

• What is a radio clock?

A watch that displays the correct time by receiving long-wave standard radio waves carrying accurate time information.



Although the radio-controlled watch receives the correct standard time, the time display may be off by less than 1 second due to internal time calculation processing.

• Standard radio wave

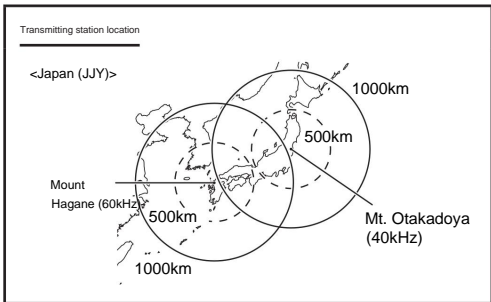
- Japan's standard radio waves (JJY) are operated by the National Institute of Information and Communications Technology (NICT), and are broadcasted at "Otakadoyama (40 kHz)" in Fukushima Prefecture and "Haga Neyama (60kHz)". \* Information on standard radio waves and transmitting stations is subject to change. I have.

Standard radio waves in Japan are transmitted continuously for almost 24 hours, but transmission may be temporarily interrupted due to maintenance work, lightning countermeasures, etc. For more information, please visit the website of the National Institute of Information and Communications Technology (NICT) Japan Standard Time Project.

• <http://jy.nict.go.jp/>

\*The website address may change.

## Approximate radio wave reception range



- Depending on the reception environment, radio waves may not be received even within the range shown. Beyond the range of the inner circle, the radio waves become weaker, so the influence of the reception environment becomes greater.

\*Environment that affects reception: Topography, buildings, weather, season, time of day (day/night), various types of noise

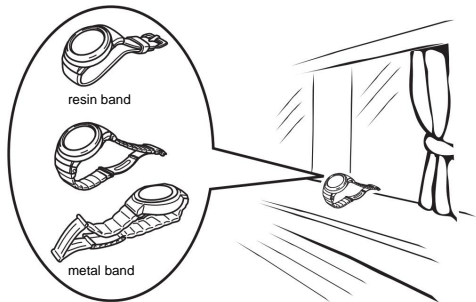
## Reception time

Reception time is approximately 2-7 minutes.

\* However, it may take up to 14 minutes because the frequency is changed and re-received.

## About the location when receiving radio waves stay

Remove the watch from your wrist, avoid metal objects, and place it by the window with the top of the watch (antenna at 12 o'clock) facing outward as shown in the illustration below.



- Placing the watch on its side makes it difficult to receive signals.
- Do not move the watch while receiving.

## •Caution

Radio waves are difficult to receive in the following places, so please avoid such places when receiving. \* Please think about radio wave reception in the same way as radio or television.



Inside and around buildings (e.g. between buildings)



Near high voltage lines or overhead lines



In a vehicle (car, train, airplane, etc.)



home appliances,  
Near office equipment

Televisions, speakers,  
fax, computer,  
(mobile phone, etc.



Where radio interference occurs  
( ) construction site, near the airport )  
Such



Behind the mountains... etc.

If reception is poor, move away from the above locations and try again in a place with better reception.

## ÿ How to receive

There are two types of receiving methods. • Automatic reception: Up to 6 times a day • Manual reception: Press the button to receive when necessary.

## ÿ Automatic reception

- To perform automatic reception, perform the following operations.
  - Set the time display according to "Mechanism of Operation and How to Read the Display" on page 6. • Place the unit before the "automatic reception start time" in the table below, according to "Places when receiving radio waves" on page 11.
- At the automatic reception start time shown in the table below, automatic reception is performed up to 6 times a day. However, once the reception is successful once a day, automatic reception for that day will not be performed thereafter.

Automatic reception start time	
	12:00 am
1 2	1:00 am 2:00
3	am 3:00 am
4	4:00 am 5:00
5	am
6	

ÿWhen the reception is successful, the reception ends and the corrected time is displayed.

ÿIf the reception fails, the watch returns to the time display without correcting the time.

## Manual reception

Press the button to receive when you need it. • To perform manual reception, perform the following operations. • Set the time display according to "Mechanism of

Operation and How to Read the Display" on page 6.

- Place the unit according to "Places for receiving radio waves" on page 11.

When displaying the time,

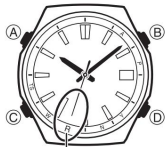
Press and hold the A button for about 2 seconds

After the second hand indicates the signal reception result,

Move to the "READY" (or "R") position.

- \* The hour and minute hands will not move normally.

vinegar.



READY (or R)

During reception

- The second hand moves to the "WORK" (or "W") position.

- \* The hour and minute hands will not move normally.

vinegar.

- \* Do not move the watch until reception is complete.

- \* Depending on the reception environment, the second hand may repeatedly move between the "READY" (or "R") position and the "WORK" (or "W") position until the reception operation stabilizes.



WORK (or W)

Reception

completed • When the reception is successful, the time is corrected and the second hand starts moving. After correcting the time, the second hand moves to the "YES" (or "Y") position.

- \* Return to time display after about 5 seconds.

- If reception fails, the second hand moves

to the "NO" (or "N") position, and the second hand starts moving according to the time before the reception operation.



YES (or Y)

NO (or N)

- \* It will return to the time display after about 5 seconds.

## To stop receiving

press any button

## Checking reception results

When displaying the time,

Press the A button

It will be in the reception result confirmation state, and the reception result will be displayed. The second hand points to "YES" (or "Y") when reception is successful, and points to "NO" (or "N") when reception is unsuccessful.

\* To return to the time display, press the A button once. \* If no operation is performed for about 5 seconds, the display will automatically switch to the time display. It will be back.



YES (or Y): success

NO (or N): failure

The reception result is reset each time it is received.

## Precautions regarding reception

- Radio wave reception is not performed when the battery is in the low battery warning state.
- If you press any button during automatic reception, the reception will be interrupted.
- Reception should be performed within the range of the transmitted radio waves. when.  
However, even within the range of radio waves, reception may not be good due to terrain, buildings, season, and time of day (day/night).
- You may receive an erroneous signal due to radio wave interference. In that case, try receiving again.
- Use the watch as a regular watch in areas where radio waves do not reach. when.
- When not receiving radio waves, it operates within the accuracy range described in the product specifications.
- Extreme static electricity may display the wrong time.  
I will.
- Since the calendar function of this machine is available up to the year 2099, an error will occur even if it is received after the year 2100.

## ÿ In such cases

### 1. Radio waves cannot be received.

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- Are you in a place with poor signal reception? Even in areas where radio waves can be received, the radio waves may be blocked or reception may be difficult due to noise. Avoid receiving in such places (see "Notes" on page 12). • Are you in an area where radio waves cannot be received? For areas where radio wave reception is possible, refer to "Estimated radio wave reception range" on page 11.

- Is the transmission of radio waves interrupted?

Transmission of the standard time signal used by radio clocks may be temporarily interrupted due to maintenance work, lightning countermeasures, etc.

### 2. The time signal and clock display are slightly out of sync even though radio waves have been received.

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- A radio-controlled watch receives standard radio waves and adjusts the time, but a slight deviation (less than 1 second) may occur due to internal arithmetic processing, etc. of the watch.

### 3. I received a signal, but the time is not correct.

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- Is the needle out of the standard position? If the watch is subjected to a strong magnetic field or impact, the hands and date may shift from their reference positions, making it impossible to display the correct time. The machine automatically aligns the hands to the reference position once an hour. For details, see "Adjusting the reference position of the hands/date" on page 21.
- Is the clock set to advance (or delay) the time? For details, see "Advancing the time" on page 16.

# advance the time

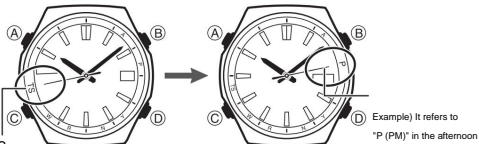
<Important> If you perform any of the following operations, you will not be able to display the correct time received by radio waves. Please read and use it correctly. This unit is useful when you want to advance the clock by 10 minutes from the time when radio waves are received. For example, after advancing 10 minutes with the following operation, the time is displayed 10 minutes ahead even if radio waves are received.

## How to advance the time

Operate while checking the accurate time display (radio clock), TV time display, "Time signal service dial 117", etc. 1. Put in the set state.

Press C and B buttons at the same time

After the second hand points to "TS", it displays the current time of am "A (AM)"/pm "P (PM)" and stops.

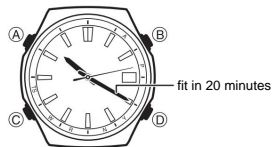


## 2. Set the hour and minute

While checking the correct time on the TV time display, etc., adjust the time to the desired time. \* Although the second hand has stopped, it continues to move inside the watch, so there is no need to set the second.

Press the D button to advance by one minute, and press the B button to  
Each time you press the button, it will go back one minute.

Example) To advance 10 minutes from 10:10 PM While looking at the correct time on a device other than this unit, add 10 minutes to that time to set the time to "10:20".



\* If you keep pressing the DB button, the needle will continue to move continuously even after you release the button. Press any button to exit the fast forward state. \* The time can be set in 1-minute increments from -23 hours 59 minutes to +23 hours 59 minutes from the current time.

\* If the time is changed across noon or dates, the second hand display will also be linked to AM PM. \* If the time is changed across dates, the date display is also linked. \* It is also possible to set the time of this unit later by following steps 1 to 3 of "Using the clock forward" on page 16 .

### 3. Finish the set

Press the C button

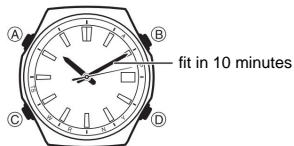
Returns to the time display, and the advanced time is displayed. \* While checking the correct time on the TV time display, etc., check that the advanced time is displayed correctly. If not, repeat steps 1 to 3 above .

### When setting back the time

Go back in steps 1 to 3 of "Advancing the time" on page 16 .

- Example of step 2 ) Revert to the exact time of 10:10 PM

case.

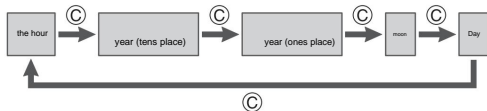


- In step 3. , check the correct time on the TV's time display, etc., and check that the unit is displaying the correct time. If not, repeat steps 1 to 3 .

# How to set the time and date

Even if you use this unit in a place where radio wave reception is not possible, set the time and date by following the steps below.

\* The time and date are corrected in the time display. Items that can be modified are switched in the following order each time the C button is pressed.



• Correcting the "Time" and "Date" 1. Set the time When the time is displayed,

Press and hold the A button for about 5 seconds

• The second hand points to AM "A (AM)" or PM "P (PM)". \* If no operation is performed for 2 to 3 minutes in the set state, the set state will be canceled automatically. Changes made before the set state is released are retained.

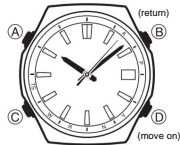
"A (AM)" or  
refers to "P(PM)"



2. Correct the hour and minute

Press D or B button

• Press the D button to advance by one minute, and press the B button to advance by one minute.



\* If you keep pressing the DB button, the needle will continue to move continuously even after you release the button. Press any button to stop the fast forward state.

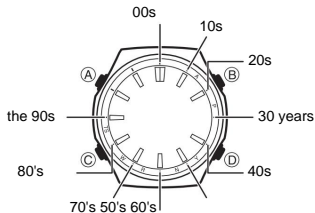
### 3. Correct the year (tens place)

Press the C button

• The second hand points to the current year (10's place) position. \* The position of the second hand indicates the tens place of the Western calendar.

Press the D button

• Each time the D button is pressed, the time advances by 10 years.



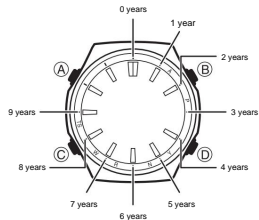
### 4. Correct the year (one's place)

Press the C button

• The second hand points to the current year (1's place) position. \* The position of the second hand indicates the 1's place of the Western calendar.

Press the D button

• Each time the D button is pressed, the year advances by one year.



## 5. Correct the month

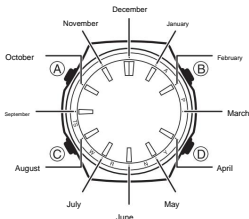
Press the C button

• The second hand points to the current position of the moon. \*

The position of the second hand indicates the month.

Press the D button

• Each press of the D button advances by one month.



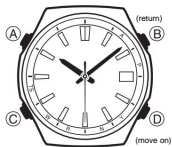
## 6. Correct the date

Press the C button

• The date will move slightly to be ready for date correction. \* The second hand points to the moon and remains stopped.

Press D or B button

• Press the D button to advance by one day, and press the B button to advance by one day.



## 7. Finish the set

Press the A button

• The set state is canceled and the second hand starts moving from 0 seconds.

\* If you press in time with the time signal, you can set the time accurately.



## Aligning the hand/date reference position

\* If the watch is subjected to a strong magnetic field or impact, the hands and date may shift from their reference positions, and the correct time cannot be displayed even if radio wave reception is performed. Perform the following operations to check the reference positions of the hands and date, and if they are misaligned, align them.

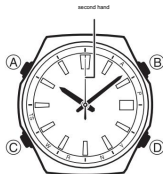
\* When the time and date are correct, the hand/date reference position  
No alignment is required.

1. Set to the reference position confirmation state.

Press and hold the B button for about 3 seconds

If you keep pressing the button, the second hand will move to the reference position and stop after about 3 seconds. Release the button when the second hand stops.

<Reference position>  
Second hand: 12 o'clock position



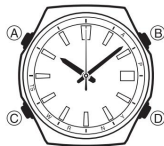
If the second hand is at the standard position, proceed to step 3. \* If no operation is performed for 2 to 3 minutes in the reference position confirmation state, the set state will be canceled automatically. Any changes made before the set state is released are retained.

2. Align the reference position

Press the D button

As the needle rotates clockwise, align it with the reference position.

\* If you keep pressing the D button, the needle will continue to move even if you release the button. Press any button to exit the fast forward state.



## 3. Check the hour and minute hands

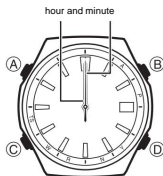
Press the C button

☞ The hour and minute hands move to their reference positions.

<Reference position>

Hour hand: 12 o'clock position

Minute hand: 12 o'clock position



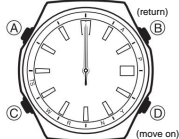
☞ Proceed to step 5 if the hour and minute hands are at the standard position .

— If the hour hand and second hand are misaligned —

## 4. Align the reference position

Press the D or B button

☞ Press the D button to advance, and press the B button to return.



\* If you keep pressing the DB button, the needle will continue to move continuously even after you release the button, which means fast forward. Press any button to stop the fast forward state.

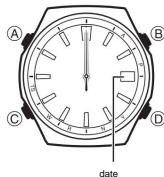
## 5. Confirm the date

Press the C button

☞ The date moves to the reference position.

vinegar.

<Reference position> Date: 1st



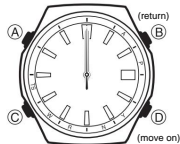
☞ If the date is at the reference position, proceed to step 7 .

— If the date is incorrect —

## 6. Align the reference position

Press the D or B button

☞ Press the D button to advance, and press the B button to return.



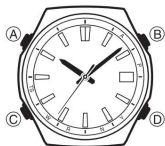
\* If you keep pressing the DB button, it will continue to move forward even after you release the button. Press any button to stop the fast forward state.

## 7. Finish the reference alignment

Press the A button

Return to time display and display normal time. \* If you press the AC button

without pressing the button, you will not then  
initial confirmation of the reference  
position of the second hand.



After completing the reference positioning, check that the time, date, day of the week, etc. are correct.

## Product Specifications

Crystal oscillation frequency: 32,768Hz

Refined Degrees: Average monthly difference within  $\pm 15$  seconds if the time cannot be adjusted by radio wave reception

Basic functions: hour/minute (10-second movement), second, date

Radio clock function: Automatic reception/manual reception Reception  
result confirmation function  
Receiving station automatic selection function (JJY40/  
JJY60)  
Received radio  
wave = Call sign: JJY (40kHz/60kHz)

Others: Automatic recovery function, power saving  
function Advance the time (or  
delay it)

Use battery: Secondary battery

Duration: About 5 months

( Radio waves per day without exposure to light  
When used for one reception (about 4 minutes) )



# Precautions for use

## Waterproofness

- Waterproof watches are those that have "WATER RESISTANT" or "WATER RESISTANT" printed on the front or back cover, and are classified as follows.

		Waterproof for everyday use	Enhanced water resistance for daily			
			use 5 ATM	10 ATM	20 ATM	Waterproof
-----	Written on the front or back cover of the watch	No "BAR"	5 bar	10 bar	20 bar	
	Washing the face, raining, wet work, swimming	notation	•	•	•••••	•••••
-----	Windsurfing × skin diving (skin diving)	x	•			
			x			
		xx	••			

- Professional diving = scuba diving (using air cylinders)  
Please avoid using it.
- Watches that do not have WATER RESIST or WATER RESISTANT indicated on the front or back cover do not have a sweat-proof structure. Avoid using it in such a way that it touches the • Do not operate the crown or buttons underwater or while the watch is wet, even if it is a waterproof model. • Avoid bathing or using detergents (soap, shampoo, etc.) while wearing the watch, even if it is a waterproof model. Doing so may reduce the waterproof performance.
- After immersing the camera in seawater, wash it with fresh water to wipe off salt and dirt. • It is recommended to replace the packing periodically (about every 2 to 3 years) to maintain waterproofness.

- When replacing the battery, a waterproof test will be carried out, so be sure to contact the store where you purchased the product or the "repair service window" (special tools are required).
- Some models of waterproof watches use a leather band due to their design. Avoid using the watch with a leather band in direct contact with water, such as when working with water or swimming. • If the watch is cooled quickly, the inside of the glass may fog up. If the fog disappears quickly, there is no problem. If the fog persists or water has entered the watch, do not continue to use the watch and have it repaired immediately. • Water that enters the watch may damage electronic parts, machinery, dials, etc.

## Band • If the

- If the band is too tight, you will sweat more easily and the air circulation will become poorer, making it easier to get a rash. Use the band with enough room to insert one finger.
- The band may break or come off due to deterioration or rust, which may cause the watch to fall or be lost. Always take care of the band and keep it clean. If the band loses elasticity, cracks, discoloration, or slackness, have it inspected and repaired (for a fee) or replaced with a new band as soon as possible. In such a case, please contact the store where you purchased the watch or a repair service window to have the band replaced (charged).

## Temperature

- Do not leave the battery in a hot place such as the dashboard of a car or near a heater. Also, do not leave it in a cold place for a long time. Doing so may delay, advance, stop, or cause malfunction.

#### ÿ Shock • Although

the product can withstand shocks in normal use and light exercise (playing catch, tennis, etc.), dropping it or hitting it strongly may cause it to malfunction. However, if the watch has a shock-resistant structure (G-SHOCK/Baby-G/G-ms), the watch may be subject to strong vibrations from a chainsaw, etc. is not affected.

#### ÿ Magnetism

- Analog watches and combination (analog and digital) watches use a method that drives a motor that uses the properties of magnets to move the hands. (necklace, mobile phone, etc.), the rotation of the motor will be affected, causing the hands to lag, advance, stop, or display the wrong time.

#### ÿ Static electricity

- The wrong time may be displayed due to static electricity. Also, extremely strong static electricity can damage electronic components.

#### ÿ Chemicals • If

thinner, gasoline, various solvents, oils, or cleaners, adhesives, paints, chemicals, cosmetics, etc. containing them adhere to the product, the resin case, resin band, leather, etc. may be discolored or damaged. Please note that there is

#### ÿ Storage •

Wipe off any dirt, sweat, or moisture when not using the product for a long period of time.  
Avoid storing in hot and humid places.

#### ÿ Resin products

- If the product is kept in close contact with other products for a long time, or if it is left wet with other products, the color may transfer to other products, or the color of other products may transfer to resin products. If it gets wet, wipe it off immediately and do not leave it in close contact with other products.
- Do not expose the product to direct sunlight (ultraviolet rays) for a long time, or expose it to dirt. Colors may fade when placed.
- Painted parts may wear out and discolor due to usage conditions (excessive external force, continuous rubbing, impact, etc.). • If there is a print on the band, rub the printed part strongly. and other parts may be colored.
- Fluorescent products may lose their color if they are left wet for a long period of time.
- Parts with skeleton (transparent) specifications are not suitable for absorbing sweat, dirt, etc. It may cause discoloration by leaving it in.
- For replacement of resin parts, please contact the "Repair Service Desk". A fee will be charged.

• Natural/synthetic leather bands • If you keep the watch in close contact with other products for a long time or keep it wet with other products, the color may transfer to other products or the color of other products may fade. It may transfer to natural leather or synthetic leather, so if it gets wet, wipe it off immediately and do not leave it in close contact with other products. • Do not expose the camera to direct sunlight (ultraviolet rays) for a long time, or leave the camera dirty for a long time.

The color may fade if left for a long time.

Note: Natural leather and synthetic leather may transfer color or fade due to friction or dirt.

• Metal Products • Metal products and

bands, even stainless steel and plated products, may rust if used while dirty. If it gets sweaty or wet, wipe it off with a soft, moisture-absorbent cloth, etc., then store it in a well-ventilated place and dry it well. • Occasionally clean the band with a soft toothbrush, etc., using a neutral detergent diluted with water or soapy water. At this time, be careful not to touch the body of the watch.

• Antibacterial and deodorant band • The antibacterial

and deodorant band suppresses the growth of bacteria caused by perspiration, prevents the generation of odors, and keeps the watch clean and comfortable to wear. To enhance the antibacterial and deodorant effects, always keep the band clean by wiping off dirt, perspiration, and moisture from the band with a soft, hygroscopic cloth. The antibacterial and deodorizing band is intended to suppress the growth of microorganisms and bacteria, and is not intended to suppress skin rashes caused by allergies.

Please note that we cannot be held responsible for any damages, lost profits, or claims from third parties arising out of the use or malfunction of this unit.

## About maintenance

### • Care Instructions • Dirt on the

case and band can cause rust, which can stain the cuffs of your clothes, irritate your skin, and degrade the watch's performance.

Always keep the case and band clean. In particular, it is easy to rust if left unattended after soaking in seawater.

- A stain-like pattern may appear on the surface of the resin band, but it does not affect the human body or clothing. Also, it can be easily wiped off with a cloth. • Always keep the leather band clean by wiping it lightly with a dry cloth. Like leather bands, resin bands may deteriorate with daily use and may break or break.
- If the band has cracks or other abnormalities, be sure to replace it with a new band. In such a case, please contact the store where you purchased the watch or our Repair Service Center to have the band replaced. A charge will be made even during the warranty period. • Watches, like clothes, are worn directly. Always keep the case and band clean by wiping off dirt, perspiration, and moisture with a soft, moisture-absorbing cloth.

### • If you neglect to take care of it , it will rust.

eruption occurs. •

If oxygen is cut off due to dirt, the oxide film on the surface cannot be maintained and rust occurs. • Even if the surface of the watch is clean, dirt and rust may seep out from crevices and stain the sleeves of clothing, cause skin irritation, and deteriorate the performance of the watch.

<Deterioration> • If a resin band is left wet with sweat or other moisture or left in a humid place, it will deteriorate over time and may break or break.

<Rash> •

People with sensitive skin or physical conditions may experience a rash. In particular, if you use leather or resin bands, please clean them frequently. In the unlikely event that a rash occurs, stop wearing the band and consult a dermatologist.

## About the battery used in this product About packing metal bands

- This product uses a dedicated secondary battery, so please do not remove the battery. Inserting a battery other than the dedicated rechargeable battery may damage the watch.
- Since the secondary battery is charged by the light received by the solar cell, there is no need for regular battery replacement. However, repeated charging and discharging over a long period of time can degrade performance, and the usage time may be shortened even after recharging. In such a case, please contact the store where you purchased the product or the "Inquiry Desk for Repairs".

A special tool is required for assembling metal bands. In order to prevent parts deformation, breakage, or injury due to handling, please consult with the store where you purchased the product. In addition, at the "Bring-in Repair Service Desk", repairs are performed free of charge during the warranty period, and for a fee after the warranty period has expired. For details, contact the "Bring-in Repair Service Desk" or the "Repair Inquiry Desk".