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### Operating Precautions

#### ● Water Resistance

- The information below applies to watches with WATER RESIST or WATER RESISTANT marked on the back cover.

#### Water Resistance Under Daily Use

Marking on watch front or on back cover	No BAR mark
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#### Example of Daily Use

Hand washing, rain	Yes
Water-related work, swimming	No
Windsurfing	No
Skin diving	No

#### Enhanced Water Resistance Under Daily Use

##### 5 Atmospheres

Marking on watch front or on back cover	5BAR
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#### Example of Daily Use

Hand washing, rain	Yes
Water-related work, swimming	Yes
Windsurfing	No
Skin diving	No

##### 10 Atmospheres

Marking on watch front or on back cover	10BAR
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#### Example of Daily Use

Hand washing, rain	Yes
Water-related work, swimming	Yes
Windsurfing	Yes
Skin diving	Yes

##### 20 Atmospheres

Marking on watch front or on back cover	20BAR
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#### Example of Daily Use

Hand washing, rain	Yes
Water-related work, swimming	Yes
Windsurfing	Yes
Skin diving	Yes

- Do not use your watch for scuba diving or other types of diving that requires air tanks.

- Watches that do not have WATER RESIST or WATER RESISTANT marked on the back cover are not protected against the effects of sweat. Avoid using such a watch under conditions where it will be exposed to large amounts of sweat or moisture, or to direct splashing with water.
- Even if a watch is water resistant, note the usage precautions described below. Such types of use reduce water resistance performance and can cause fogging of the glass.
  - Do not operate the crown or buttons while your watch is submersed in water or wet.
  - Avoid wearing your watch while in the bath.
  - Do not wear your watch while in a heated swimming pool, sauna, or any other high temperature/high humidity environment.
  - Do not wear your watch while washing your hands or face, while doing housework, or while performing any other task that involves soaps or detergents.
- After submersion in seawater, use plain water to rinse all salt and dirt from your watch.
- To maintain water resistance, have the gaskets of your watch replaced periodically (about once every two or three years).
- A trained technician will inspect your watch for proper water resistance whenever you have its battery replaced. Battery replacement requires the use of special tools. Always request battery replacement from your original retailer or from an authorized CASIO service center.
- Some water-resistant watches come with fashionable leather bands. Avoid swimming, washing, or any other activity that causes direct exposure of a leather band to water.
- The inside surface of the watch glass may fog when the watch is exposed to a sudden drop in temperature. No problem is indicated if the fogging clears up relatively quickly. Sudden and extreme temperature changes (such as coming into an air conditioned room in the summer and standing close to an air conditioner outlet, or leaving a heated room in the winter and allowing your watch to come into contact with snow) can cause it to take longer for glass fogging to clear up. If glass fogging does not clear up or if you notice moisture inside of the glass, immediately stop using your watch and take it to your original retailer or to an authorized CASIO service center.
- Your water-resistant watch has been tested in accordance with International Organization for Standardization regulations.
- Band**
  - Tightening the band too tightly can cause you to sweat and make it difficult for air to pass under the band, which can lead to skin irritation. Do not fasten the band too tightly. There should be enough room between the band and your wrist so you can insert your finger.
  - Deterioration, rust, and other conditions can cause the band to break or come off of your watch, which in turn can cause band pins to fly out of position or to fall out. This creates the risk of your watch falling from your wrist and becoming lost, and also creates the risk of personal injury. Always take good care of your band and keep it clean.
  - Immediately stop using a band if you even notice any of the following: loss of band flexibility, band cracks, band discoloration, band looseness, band connecting pin flying or falling out, or any other abnormality. Take your watch to your original retailer or to a CASIO service center for inspection and repair (for which you will be charged) or to have the band replaced (for which you will be charged).

## ● Temperature

- Never leave your watch on the dashboard of a car, near a heater, or in any other location that is subject to very high temperatures. Do not leave your watch where it will be exposed to very low temperatures. Temperature extremes can cause your watch to lose or gain time, to stop, or otherwise malfunction.
- Leaving your watch in an area hotter than +60 °C (140 °F) for long periods can lead to problems with its LCD. The LCD may become difficult to read at temperatures lower than 0 °C (32 °F) and greater than +40 °C (104 °F).

## ● Impact

- Your watch is designed to withstand impact incurred during normal daily use and during light activity such as playing catch, tennis, etc. Dropping your watch or otherwise subjecting it to strong impact, however, can lead to malfunction. Note that watches with shock-resistant designs (G-SHOCK, BABY-G, G-MS) can be worn while operating a chain saw or engaging in other activities that generate strong vibration, or while engaging in strenuous sports activities (motocross, etc.)

## ● Magnetism

- The hands of analog and combination (analog-digital) watches are moved by a motor that uses magnetic force. When such a watch is close to a device (audio speakers, magnetic necklace, cell phone, etc.) that emits strong magnetism, the magnetism can cause timekeeping to slow down, speed up, or stop, resulting in the incorrect time being displayed.
- Very strong magnetism (from medical equipment, etc.) should be avoided because it can cause malfunction of your watch and damage to electronic components.

## ● Electrostatic Charge

- Exposure to very strong electrostatic charge can cause your watch to display the wrong time. Very strong electrostatic charge even can damage electronic components.
- Electrostatic charge may cause temporary blotching in blank areas of the LCD.

## ● Chemicals

- Do not allow your watch to come into contact with thinner, gasoline, solvents, oils, or fats, or with any cleaners, adhesives, paints, medicines, or cosmetics that contain such ingredients. Doing so can cause discoloration or damage to the resin case, resin band, leather, and other parts.

## ● Storage

- If you do not plan to use your watch for a long time, thoroughly wipe it free of all dirt, sweat, and moisture, and store it in a cool, dry place.

## ● Resin Components

- Allowing your watch to remain in contact with other items or storing it together with other items for long periods while it is wet can cause color on resin components to transfer to the other items, or the color of the other items to transfer to the resin components of your watch. Be sure to dry off your watch thoroughly before storing it and make sure it is not in contact with other items.
- Leaving your watch where it is exposed to direct sunlight (ultraviolet rays) for long periods or failure to clean dirt from your watch for long periods can cause it to become discolored.
- Friction caused by certain conditions (strong external force, sustained rubbing, impact, etc.) can cause discoloration of painted components.
- If there are printed figures on the band, strong rubbing of the printed area can cause discoloration.
- Leaving your watch wet for long periods can cause fluorescent color to fade. Wipe the watch dry as soon as possible after it becomes wet.
- Semi-transparent resin parts can become discolored due to sweat and dirt, and if exposed to high temperatures and humidity for long periods.
- Daily use and long-term storage of your watch can lead to deterioration, breaking, or bending of resin components. The extent of such damage depends on usage conditions and storage conditions.

## ● Leather Band

- Allowing your watch to remain in contact with other items or storing it together with other items for long periods while it is wet can cause the color of the leather band to transfer to the other items or the color of the other items to transfer to the leather band. Be sure to dry off your watch thoroughly with a soft cloth before storing it and make sure it is not in contact with other items.
- Leaving a leather band where it is exposed to direct sunlight (ultraviolet rays) for long periods or failure to clean dirt from a leather band for long periods can cause it to become discolored.

### CAUTION:

Exposing a leather band to rubbing or dirt can cause color transfer and discoloration.

## ● Metal Components

- Failure to clean dirt from metal components can lead to formation of rust, even if components are stainless steel or plated. If metal components exposed to sweat or water, wipe thoroughly with a soft, absorbent cloth and then place the watch in a well-ventilated location to dry.
- Use a soft toothbrush or similar tool to scrub the metal with a weak solution of water and a mild neutral detergent, or with soapy water. Next, rinse with water to remove all remaining detergent and then wipe dry with a soft absorbent cloth. When washing metal components, wrap the watch case with kitchen plastic wrap so it does not come into contact with the detergent or soap.

## ● Bacteria and Odor Resistant Band

- The bacteria and odor resistant band protects against odor generated by the formation of bacteria from sweat, which ensures comfort and hygiene. In order to ensure maximum bacteria and odor resistance, keep the band clean. Use an absorbent soft cloth to thoroughly wipe the band clean of dirt, sweat, and moisture. A bacteria and odor resistant band suppresses the formation of organisms and bacteria. It does not protect against rash due to allergic reaction, etc.

## ● Liquid Crystal Display

- Display figures may be difficult to read when viewed from an angle.

Note that CASIO Computer Co., Ltd. assumes no responsibility for any damage or loss suffered by you or any third party arising through the use of your watch or its malfunction.

## User Maintenance

### ● Caring for Your Watch

Remember that you wear your watch next to your skin, just like a piece of clothing. To ensure your watch performs at the level for which it is designed, keep it clean by frequently wiping with a soft cloth to keep your watch and band free of dirt, sweat, water and other foreign matter.

- Whenever your watch is exposed to sea water or mud, rinse it off with clean fresh water.
- For a metal band or a resin band with metal parts, use a soft toothbrush or similar tool to scrub the band with a weak solution of water and a mild neutral detergent, or with soapy water. Next, rinse with water to remove all remaining detergent and then wipe dry with a soft absorbent cloth. When washing the band, wrap the watch case with kitchen plastic wrap so it does not come into contact with the detergent or soap.
- For a resin band, wash with water and then wipe dry with a soft cloth. Note that sometimes a smudge like pattern may appear on the surface of a resin band. This will not have any effect on your skin or clothing. Wipe with a cloth to remove the smudge pattern.
- Clean water and sweat from a leather band by wiping with a soft cloth.
- Not operating a watch crown, buttons, or rotary bezel could lead to later problems with their operation. Periodically rotate the crown and rotary bezel, and press buttons to maintain proper operation.

## ● Dangers of Poor Watch Care

### Rust

- Though the metal steel used for your watch is highly rust-resistant, rust can form if your watch is not cleaned after it becomes dirty.
  - Dirt on your watch can make it impossible for oxygen to come into contact with the metal, which can lead to breakdown of the oxidization layer on the metal surface and the formation of rust.
- Rust can cause sharp areas on metal components and can cause band pins to fly out of position or to fall out. If you ever notice any abnormality immediately stop using your watch and take it to your original retailer or to an authorized CASIO service center.
- Even if the surface of the metal appears clean, sweat and rust in crevasses can soil the sleeves of clothing, cause skin irritation, and even interfere with watch performance.

### Premature Wear

- Leaving sweat or water on a resin band or bezel, or storing your watch an area subject to high moisture can lead to premature wear, cuts, and breaks.

### Skin Irritation

- Individuals with sensitive skin or in poor physical condition may experience skin irritation when wearing a watch. Such individuals should keep their leather band or resin band particularly clean. Should you ever experience a rash or other skin irritation, immediately remove your watch and contact a skin care professional.

## Battery Replacement

- Leave battery replacement up to your original retailer or authorized CASIO service center.
- Have the battery replaced only with the type specified in the “Specifications”. Use of a different battery type can cause malfunction.
- When replacing the battery, also request a check for proper water resistance.
- Ornamental resin components may become worn, cracked, or bent over time when subjected to normal daily use. Note that if cracking or any other abnormality indicating possible damage is noticed in a watch submitted for battery replacement, your watch will be returned with an explanation of the abnormality, without the requested servicing being performed.

### ● Initial Battery

- The battery that comes loaded in your watch when you purchase it is used for function and performance testing at the factory.
- The test battery may go dead quicker than the normally rated battery life noted in the “Specifications”. Note that you will be charged for replacement of this battery, even if replacement is required within your watch’s warranty period.

### ● Low Battery Power

- Low battery power is indicated by large timekeeping error, by dim display contents, or by a blank display.
- Operation while battery power is low can result in malfunction. Replace the battery as soon as possible.

## Before Getting Started...

This section provides an overview of the watch and introduces convenient ways it can be used.

### Watch Features

- **World Time**

You can display the current time in any one of 48 cities around the globe, as well as for UTC (Coordinated Universal Time).

- **Alarm**

An alarm sounds whenever a time specified by you is reached.

- **Stopwatch**

The stopwatch measures elapsed time in units of 1/100 second for the first hour, and in one-second units thereafter, for up to 24 hours.

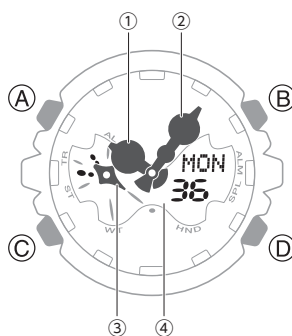
- **Timer**

Countdown from a start time specified by you. An alarm sounds when the countdown reaches zero.

### Note

- The illustrations included in this operation guide have been created to facilitate explanation. An illustration may differ somewhat from the item it represents.

## General Guide



- ① Hour hand
- ② Minute hand
- ③ Mode hand  
Indicates the current mode.
- ④ LCD

### A button

Holding down this button for at least two seconds in the Timekeeping Mode displays the setting screen.

Pressing this button while any setting screen is displayed exits the setting screen.

### B button

Press to turn on illumination.

Pressing this button while any setting screen is displayed will change the setting.

### C button

Each press cycles between watch modes.

In any mode, hold down this button for at least two seconds to return to the Timekeeping Mode.

### D button

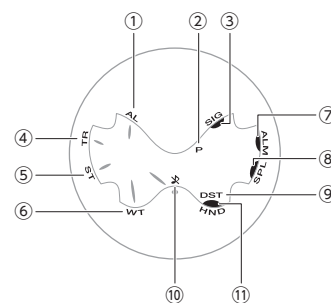
Pressing this button in the Timekeeping Mode cycles between displays.

Pressing this button while any setting screen is displayed will change the setting.

### Important!

- The minute hand of this watch is designed to be normally fixed in place by magnetic force. Because of this, shock or vibration can cause the minute hand to oscillate. The minute hand may also become momentarily displaced by shock, vibration, or strong magnetism. However, it will return to its normal position within a few minutes.

## Watch Face and Display Indicators

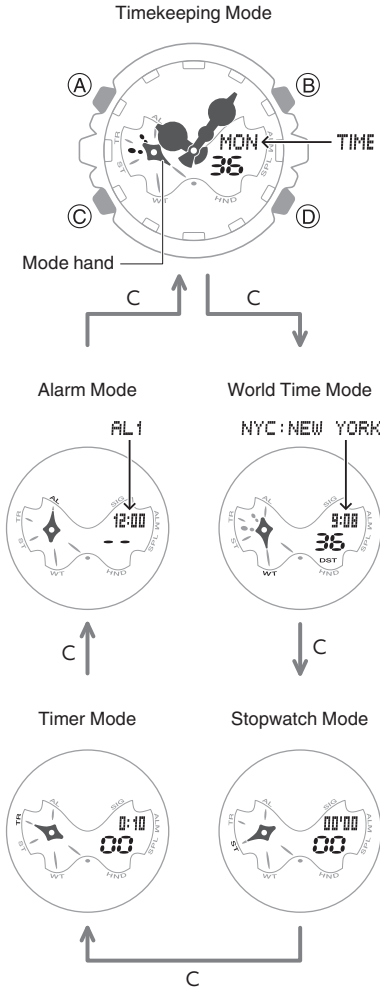


- ① In the Alarm Mode, the mode hand points to [AL].
- ② Displayed during p.m. times while 12-hour timekeeping is being used.
- ③ Displayed while the hourly time signal is enabled.
- ④ In the Timer Mode, the mode hand points to [TR].
- ⑤ In the Stopwatch Mode, the mode hand points to [ST].
- ⑥ In the World Time Mode, the mode hand points to [WT].
- ⑦ Displayed while an alarm is turned on.
- ⑧ Displayed while a Stopwatch Mode split time measurement operation is in progress.
- ⑨ Displayed while the watch is indicating summer time.
- ⑩ Displayed while the button operation tone is disabled.
- ⑪ Flashes while the watch's hands are shifted for easier reading.

## Navigating Between Modes

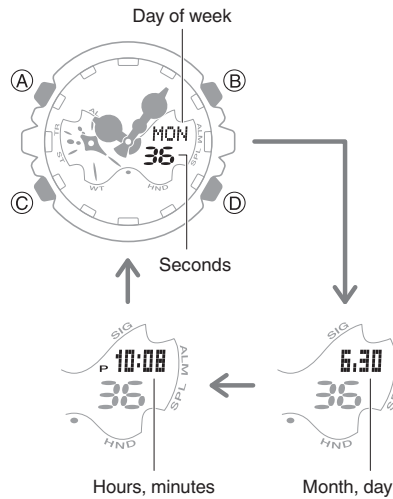
Each press of (C) cycles between watch modes.

- In any mode, hold down (C) for at least two seconds to return to the Timekeeping Mode.



## Cycling Between Timekeeping Mode Digital Display Contents

Each press of (D) in the Timekeeping Mode cycles the display information as shown below.

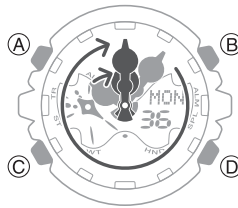


- Pressing (A) while in the Timekeeping Mode displays your current Home Time City.

## Shifting Hands to Read the Digital Display

Hand shift moves the hands out of the way for easy viewing of display information.

1. While holding down (B), press (C).
  - This will shift the analog hands to allow easy viewing of display information.



2. To return the hands to their normal timekeeping positions, hold down (B) as you press (C) again, or press (C) to change to another mode.

### Note

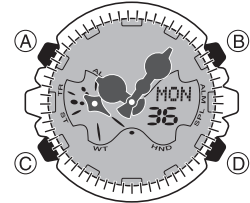
- If you leave the watch with its hands shifted and do not perform any operation for about one hour, the hands will resume normal timekeeping automatically.

## Viewing the Face in the Dark

The watch has an LED light that you can turn on for reading in the dark.

### Turning On Illumination

Press (B) to turn on illumination.

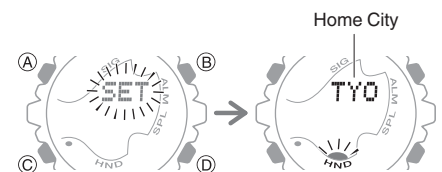


- Illumination will turn off automatically if an alarm starts to sound.
- Illumination is disabled while the hands are moving at high speed.
- The light may flicker when it turns on or off.

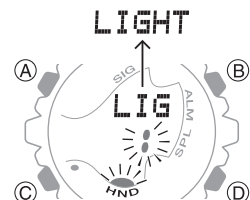
### Specifying the Illumination Duration

You can select either 1.5 seconds or three seconds as the illumination duration.

1. Enter the Timekeeping Mode.
  - [Navigating Between Modes](#)
2. Hold down (A) for at least two seconds until the name of the currently selected Home City is displayed.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.



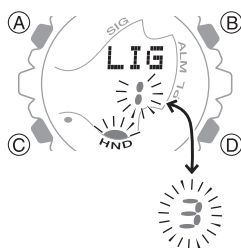
3. Press (C) 10 times to display [LIGHT].



- Use (B) and (D) to select an illumination duration.

[1]: 1.5-second illumination

[3]: 3-second illumination



- Press (A) to exit the setting screen.

## Time Adjustment

Use the procedures in this section to adjust the date and time settings.



### Adjusting the Current Time Setting

Use the procedures below to adjust the current date and time settings, and to select a Home City.

#### ● Setting a Home City

Use the procedure in this section to select a city to use as your Home City. If you are in an area that observes summer time, you can also configure a summer time setting.

- Enter the Timekeeping Mode.  
[🔍 Navigating Between Modes](#)
- Hold down (A) for at least two seconds. Release the button when the name of the currently selected Home City appears on the display.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.



- Use (B) and (D) to change the Home City setting.
  - Holding down (B) or (D) scrolls through settings at high speed.
  - For details refer to the information below.  
[🔍 City Table](#)

- Press (C).
- Press (B) or (D) to change the summer time setting.
  - [OFF]  
The watch always indicates standard time.
  - [ON]  
The watch always indicates summer time.



- Press (A) to complete the setting operation.

#### Note

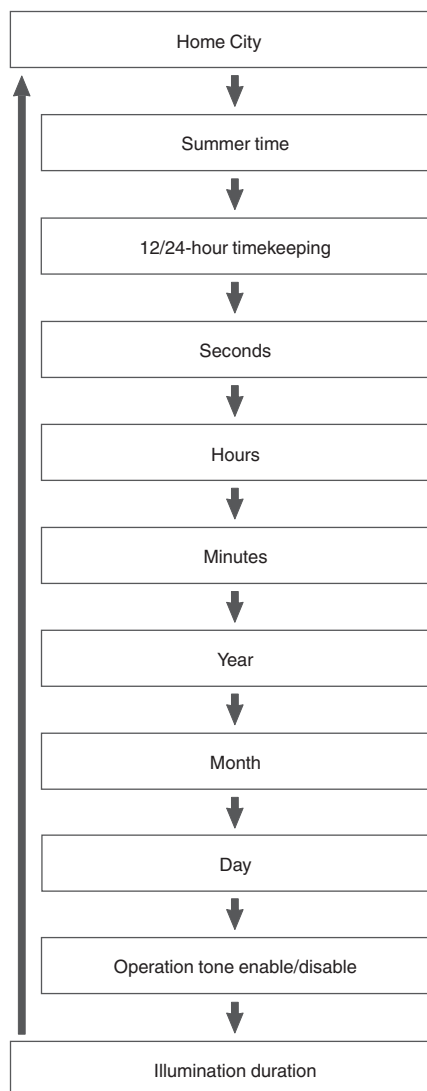
- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.

#### ● Setting the Time/Date

- Enter the Timekeeping Mode.  
[🔍 Navigating Between Modes](#)
- Hold down (A) for at least two seconds. Release the button when the name of the currently selected Home City appears on the display.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.



- Keep pressing (C) until the setting you want to change is flashing.
  - Each press of (C) moves the flashing to the next setting in the sequence shown below.



- Configure the date and time settings.
  - To reset the seconds to 00: Press (D). 1 is added to the minutes when the current count is between 30 and 59 seconds.
  - For all the other settings, use (B) and (D) to change the flashing setting. Holding down (B) or (D) scrolls through settings at high speed.

- Repeat steps 3 and 4 to select time and date settings.
- Press (A) to complete the setting operation.

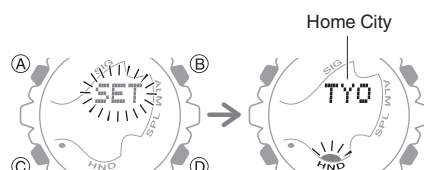
### Note

- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.

### Switching between 12-hour and 24-hour Timekeeping

You can specify either 12-hour format or 24-hour format for the time display.

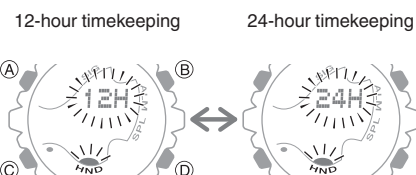
- Enter the Timekeeping Mode.  
[Navigating Between Modes](#)
- Hold down (A) for at least two seconds. Release the button when the name of the currently selected Home City appears on the display.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.



- Press (C) twice. This causes [12H] or [24H] to flash on the display.



- Press (B) or (D) to select [12H] (12-hour timekeeping) or [24H] (24-hour timekeeping).



- Press (A) to complete the setting operation.

### Note

- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.

## World Time

World Time lets you look up the current time in any one of 48 cities around the globe, and UTC (Coordinated Universal Time).

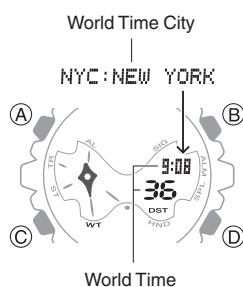


### Checking World Time

1. Enter the World Time Mode.  
[Navigating Between Modes](#)

After the currently selected World Time City name appears, the watch will display the current time in that city.

- While in World Time Mode, you can display the World Time City by pressing (A).

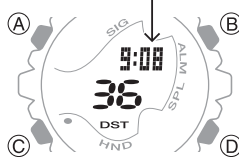


## World Time City Setting

Use the procedure in this section to select a World Time city. If you are in an area that observes summer time, you can also configure a summer time setting.

1. Enter the World Time Mode.  
[Navigating Between Modes](#)
2. Use (D) to display the city you want.
  - Holding down (D) scrolls through settings at high speed.

NYC:NEW YORK



3. To change the summer time setting, hold down (A) for at least two seconds.
  - Each time you hold down (A) for at least two seconds, the setting toggles between summer time ([ON]) and standard time ([OFF]).



- [DST] is displayed when the displayed time is summer time.

### Note

- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.
- While [UTC] is selected as the city, you will not be able to change or check the summer time setting.
- The summer time setting you configure is applied to the currently selected city only. It does not affect other cities.

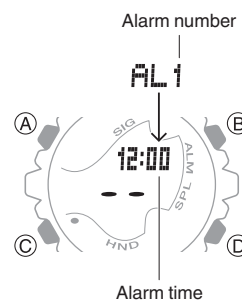
## Alarm

The watch will beep when an alarm time is reached. You can set up to five different alarms. The hourly time signal causes the watch to beep every hour on the hour.

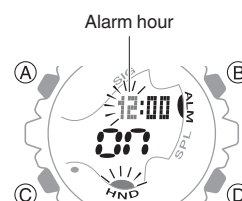


### Configuring Alarm Settings

1. Enter the Alarm Mode.  
[Navigating Between Modes](#)
2. Press (D) to scroll through alarm numbers ([AL1] to [AL5]) until the alarm you want to configure is displayed.



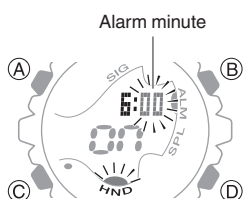
3. Hold down (A) for at least two seconds. Release the button when the hours digits start to flash.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.
  - While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.



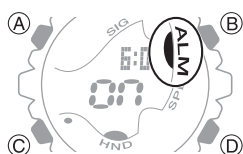
- Use (B) and (D) to change the hour setting.
  - Holding down (B) or (D) scrolls through settings at high speed.
  - If you are using 12-hour timekeeping, [P] indicates p.m.



- Press (C).  
This causes the minutes digits to flash.



- Use (B) and (D) to set the minute setting.
- Press (A) to exit the setting screen.
  - [ALM] is shown on the display while an alarm is set.



### ● Testing the alarm

In the Alarm Mode, hold down (D) to sound the alarm.

### ● To stop the alarm

Pressing any button while the beeper is sounding stops it.

### Note

- A beeper sounds for 10 seconds when an alarm time is reached.
- The watch will automatically return from the Alarm Mode to the Timekeeping Mode if you do not perform any operation for about two or three minutes.

## Enabling the Hourly Time Signal

- Enter the Alarm Mode.  
[Navigating Between Modes](#)
- Use (D) to display the hourly time signal screen ([SIG]).



- Press (A) to toggle the hourly time signal between enabled and disabled.
  - [SIG] is displayed while the hourly time signal is enabled.



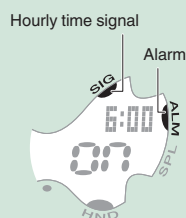
## Turning Off an Alarm or the Hourly Time Signal

To stop an alarm or the hourly time signal from sounding, perform the steps below to turn it off.

- To have an alarm or hourly time signal sound again, turn it back on.

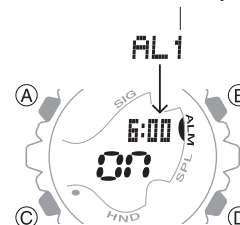
### Note

- Indicators are displayed while any of the alarms or the hourly time signal is turned on.
- The applicable indicators are not displayed while all of the alarms are turned off and/or the hourly time signal is turned off.



- Enter the Alarm Mode.  
[Navigating Between Modes](#)
- Use (D) to scroll through the alarm ([AL1] to [AL5]) and hourly time signal ([SIG]) screens until the one you want to turn off is displayed.

Alarm number or hourly time signal



- Press (A) to turn off the displayed alarm or the hourly time signal.
  - Each press of (A) toggles between on and off.
  - Turning off all of the alarms and the hourly time signal causes [ALM] and [SIG] to disappear from the display.



### Note

- If [ALM] remains on the display, it means that at least one alarm is still turned on. To turn off all of the alarms, repeat steps 2 and 3 until the [ALM] indicator is no longer displayed.

## Stopwatch

The stopwatch measures elapsed time in 1/100-second units for the first hour, and in 1-second units after that for up to 24 hours.

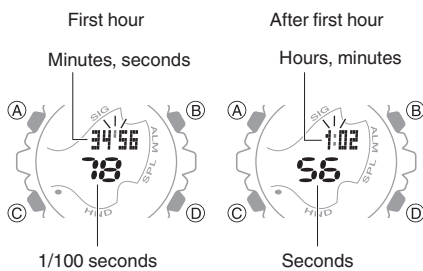


### Measuring Elapsed Time

- Enter the Stopwatch Mode.  
[Navigating Between Modes](#)
- Use the operations below to measure elapsed time.



- Elapsed time is shown in 1/100-second units for the first hour of the measurement. After the first hour, elapsed time is shown in one-second units.

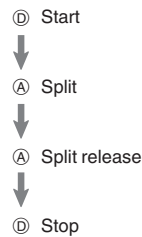


- Press (A) to reset the measurement time to all zeros.

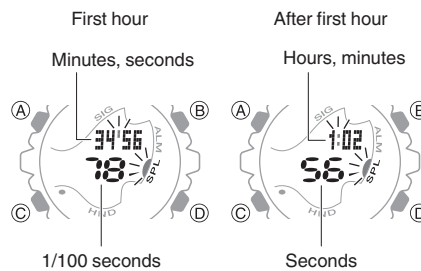
### Measuring a Split Time

- Enter the Stopwatch Mode.  
[Navigating Between Modes](#)
- Use the operations below to measure elapsed time.

- Pressing (A) displays the elapsed time from the start of a race up to the point when you pressed the button (split time).



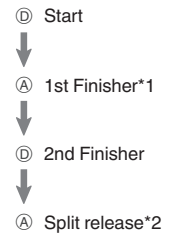
- Elapsed time is shown in 1/100-second units for the first hour of the measurement. After the first hour, elapsed time is shown in one-second units.



- Press (A) to reset the measurement time to all zeros.

### Timing the First and Second Place Finishers

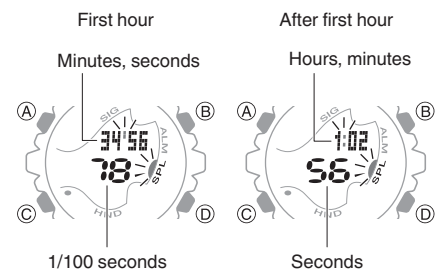
- Enter the Stopwatch Mode.  
[Navigating Between Modes](#)
- Use the operations below to measure elapsed time.



\*1  
Displays the time of the first finisher.

\*2  
Displays the time of the second finisher.

- Elapsed time is shown in 1/100-second units for the first hour of the measurement. After the first hour, elapsed time is shown in one-second units.



- Press (A) to reset the measurement time to all zeros.

## Timer

The timer counts down from a start time specified by you. A beeper sounds when the end of the countdown is reached.



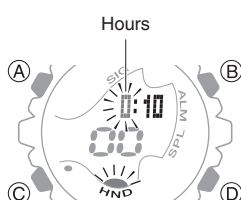
## Setting the Countdown Start Time

The countdown start time can be set in 1-second units up to 24 hours.

- If a timer countdown operation is in progress, reset the timer to its current start time before performing this operation.

[Using the Timer](#)

1. Enter the Timer Mode.  
[Navigating Between Modes](#)
2. Hold down (A) for at least two seconds. Release the button when the hour setting starts to flash.
  - This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.

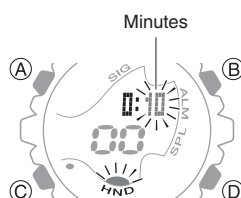


3. Use (B) and (D) to change the timer hours setting.

- Holding down (B) or (D) scrolls through settings at high speed.

4. Press (C).

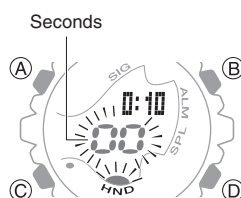
This causes the minutes digits to flash.



5. Use (B) and (D) to change the minutes setting.

6. Press (C).

This causes the seconds digits to flash.



7. Use (B) and (D) to change the seconds setting.

8. Press (A) to complete the setting operation.

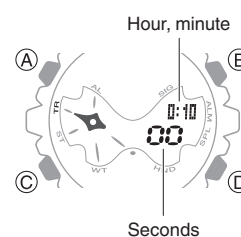
### Note

- Setting a start time of [0:00 00] performs a countdown of 24 hours.
- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.

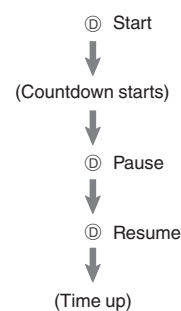
## Using the Timer

1. Enter the Timer Mode.

[Navigating Between Modes](#)



2. Use the operations below to perform a timer operation.



- A beeper will sound for 10 seconds to let you know when the end of a countdown is reached.
- You can reset a paused countdown to its start time, by pressing (A).

3. Press any button to stop the tone.

## Hand Alignment Adjustment

Strong magnetism or impact can cause the time indicated by the analog hands to become different from the time on the digital display. If this happens, adjust hand alignment.

### Adjusting Hand Alignment

1. Enter the Timekeeping Mode.

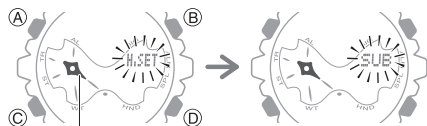
Navigating Between Modes

2. Hold down (A) for at least five seconds. Release the button when [SUB] starts to flash.

This enables adjustment of mode hand alignment.

After 3.5 seconds

After five seconds



Mode hand

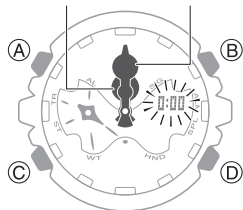
3. If the mode hand is not pointing to ●, use (B) and (D) to align it with ●.

- Holding down (B) or (D) moves the hand at high speed.

4. Press (C).

This enables adjustment of the hour and minute hands.

Hour hand      Minute hand



5. If the hour and minute hands are not at 12 o'clock, use (B) and (D) to align them.

6. Press (A) to complete the setting operation.

## Button Operation Tone Setting

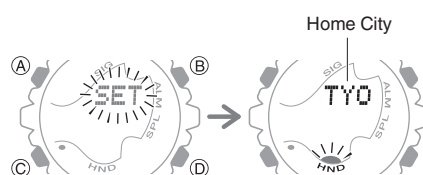
Use the procedure below to enable or disable the tone that sounds when you press a button.

1. Enter the Timekeeping Mode.

Navigating Between Modes

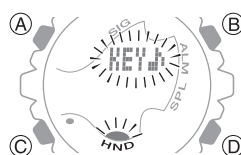
2. Hold down (A) for at least two seconds. Release the button when the name of the currently selected Home City appears on the display.

- This is the setting mode. The hands automatically shift out of the way for easy viewing of the display and other indicators.



3. Press (C) nine times.

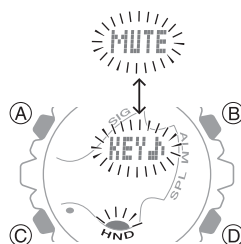
This causes [KEY↵] or [MUTE] to flash on the display.



4. Use (B) and (D) to select [KEY↵] or [MUTE].

[KEY↵]: Operation tone enabled.

[MUTE]: Operation tone muted.



5. Press (A) to exit the setting screen.

### Note

- While the setting is being configured, the watch will exit the setting operation automatically after about two or three minutes of non-operation.
- Note that alarm and timer tones will still sound even while the operation tone is muted.

## Other Information

This section provides non-operational information you also need to know. Refer to this information as required.

### City Table

City	City	Offset
UTC	Coordinated Universal Time	
LIS: LISBON	Lisbon	0
LON: LONDON	London	
MAD: MADRID	Madrid	
PAR: PARIS	Paris	
ROM: ROME	Rome	+1
BER: BERLIN	Berlin	
STO: STOCKHOLM	Stockholm	
ATH: ATHENS	Athens	
CAI: CAIRO	Cairo	+2
JRS: JERUSALEM	Jerusalem	
MOW: MOSCOW	Moscow	+3
JED: JEDDAH	Jeddah	
THR: TEHRAN	Tehran	+3.5
DXB: DUBAI	Dubai	+4
KBL: KABUL	Kabul	+4.5
KHI: KARACHI	Karachi	+5
DEL: DELHI	Delhi	+5.5
KTM: KATHMANDU	Kathmandu	+5.75
DAC: DHAKA	Dhaka	+6
RGN: YANGON	Yangon	+6.5
BKK: BANGKOK	Bangkok	+7
SIN: SINGAPORE	Singapore	
HKG: HONG KONG	Hong Kong	
BJS: BEIJING	Beijing	+8
TPE: TAIPEI	Taipei	

City	City	Offset
SEL: SEOUL	Seoul	+9
TYO: TOKYO	Tokyo	
ADL: ADELAIDE	Adelaide	+9.5
GUM: GUAM	Guam	+10
SYD: SYDNEY	Sydney	
NOU: NOUMEA	Noumea	+11
WLG: WELLINGTON	Wellington	+12
PPG: PAGO PAGO	Pago Pago	-11
HNL: HONOLULU	Honolulu	-10
ANC: ANCHORAGE	Anchorage	-9
YVR: VANCOUVER	Vancouver	-8
LAX: LOS ANGELES	Los Angeles	
YEA: EDMONTON	Edmonton	-7
DEN: DENVER	Denver	
MEX: MEXICO CITY	Mexico City	-6
CHI: CHICAGO	Chicago	
NYC: NEW YORK	New York	-5
YHZ: HALIFAX	Halifax	-4
YYT: ST. JOHN'S	St. John's	-3.5
BUE: BUENOS AIRES	Buenos Aires	-3
RIO: RIO DE JANEIRO	Rio de Janeiro	
FEN: F. DE NORONHA	Fernando de Noronha	-2
RAI: PRAIA	Praia	-1

- The information in the above table is current as of July 2024.
- Time zones may change and UTC differentials may become different from those shown in the table above.

## Specifications

### Accuracy at normal temperature :

±15 seconds per month

### Timekeeping :

Analog

Hour, minute (moves every 20 seconds)

Digital

Hour, minute, second, month, day, day of the week

a.m./p.m.(P)/24-hour timekeeping

Full Auto Calendar (2000 to 2099)

Summer Time

### World Time :

48 cities (31 time zones) and Coordinated Universal Time (UTC)

Summer time

### Stopwatch :

Measurement unit:

1/100 second (first hour)

1 second (after first hour)

Measuring capacity: 23:59'59" (24 hours)

Measurement Functions:

Elapsed time, split times, 1st and 2nd place finisher times

### Timer :

Measuring unit: 1 second

Measuring range: 24 hours

Setting unit: 1 second

10-second beeper when the end of the countdown is reached

### Alarm :

Time alarm

Number of alarms

5

Setting units

Hours, minutes

Alarm tone duration: 10 seconds

Hourly time signal: Beep every hour on the hour

### Double LED light :

Face LED light: Super Illuminator, afterglow, selectable illumination duration (approximately 1.5 seconds or 3 seconds)  
LCD LED backlight: Super Illuminator, afterglow, selectable illumination duration (approximately 1.5 seconds or 3 seconds)

**Other :**

Operation tone on/ off, hand shift

**Power Supply :**

CR2025 x 1

Battery nominal voltage: 3V

Battery life: Approximately 10 years

Conditions:

Alarm: Once (10 seconds)/day

Illumination: Once (1.5 seconds)/day

Specifications are subject to change without notice.

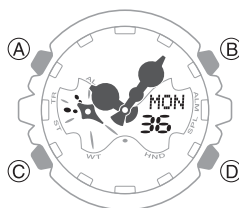
## Troubleshooting

### Indicators and Current Time

**Q1** I don't know what mode the watch is in.

You can determine the current mode by checking the mode hand position. Use (C) to navigate between modes.

[🔗 Navigating Between Modes](#)



**Q2** Why is the current time indicated by the watch is off by a certain amount of time (nine hours, three hours and 15 minutes, etc.)?

The city setting is not correct. Select the correct setting.

[🔗 Setting a Home City](#)

**Q3** The current time indicated by the watch is off by one hour or 30 minutes.

The summer time setting is not correct. Select the correct setting.

[🔗 Setting a Home City](#)

**Q4** The time indicated by the hands is different from the digital time.

Strong magnetism or impact can cause the hands to go out of alignment. Adjust hand alignment.

[🔗 Hand Alignment Adjustment](#)

### World Time

**Q1** The time for a World Time City is not correct.

The summer time setting (standard time/summer time) is wrong.

[🔗 World Time City Setting](#)

### Alarm and Hourly Time Signal

**Q1** An alarm does not sound.

The alarm's settings may not be configured. Configure the alarm settings.

[🔗 Configuring Alarm Settings](#)

**Q2** The hourly time signal does not sound.

The hourly time signal may be disabled. Enable the hourly time signal.

[🔗 Enabling the Hourly Time Signal](#)

### Other

**Q1** I can't find the information I need here.

Visit the website below.

<https://world.casio.com/support/>