

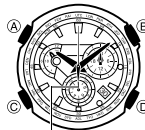
Operation Guide 5069

CASIO®

Getting Acquainted

Congratulations upon your selection of this CASIO watch. To get the most out of your purchase, be sure to read this manual carefully.

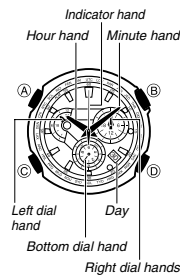
What to do if the bottom dial hand is stopped



Bottom dial hand

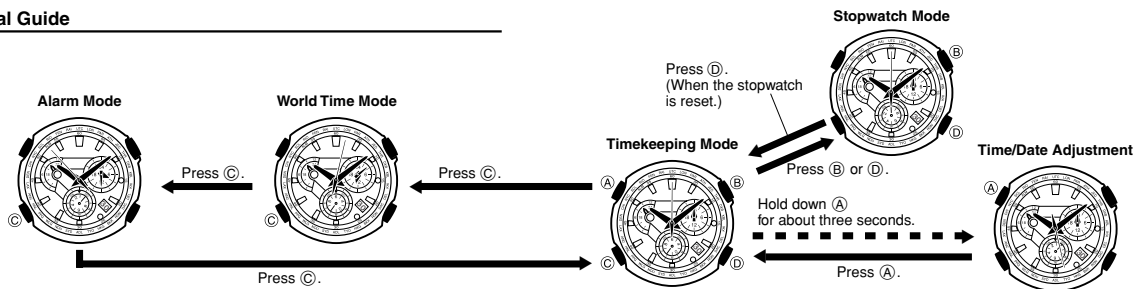
The watch is shipped from the factory with the bottom dial hand stopped in order to conserve battery power. Even though the bottom dial hand is stopped, the watch continues to maintain the current time internally. If the bottom dial hand is stopped when you purchase the watch, press any one of the watch's buttons to start hand movement.

About This Manual

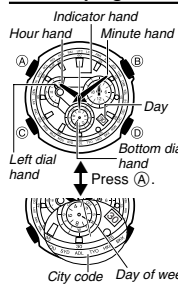


- Button operations are indicated using the letters shown in the illustration.
- Each section of this manual provides you with the information you need in order to perform operations in each mode. Further details and technical information can be found in the "Reference" section.
- The bottom dial is a disk that rotates to indicate various types of information, depending on the mode.
 - During regular timekeeping, the thick line of the disk indicates the current second. In other modes, the thick line on the disk will indicate the day of the week, the alarm ON/OFF setting, and the DST ON/OFF setting.
 - When setting the date, the disk rotates so the arrow mark at the top of the dial points to the value that represents the ones digit of the current year setting. During a stopwatch operation, the dial rotates at one revolution per second. The 1/20-second count is the value indicated by the arrow mark at the top of the dial.

General Guide



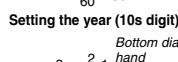
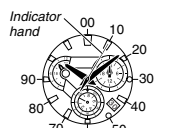
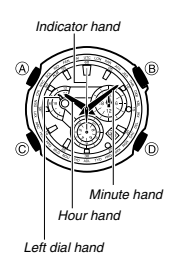
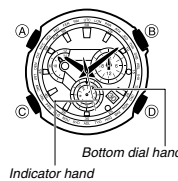
Timekeeping



Use the Timekeeping Mode to set and view the current time and date, and to switch between Standard Time and Daylight Saving Time (summer time).

- Daylight Saving Time (summer time) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight Saving Time.
- Pressing (A) in the Timekeeping Mode will cause the bottom dial hand to move to the current day of the week. Also, the indicator hand will move to the city code that is currently selected as your Home City. Press (A) to return to regular timekeeping. The watch also will return to regular timekeeping if you do not perform any operation for about three seconds.

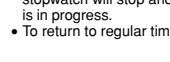
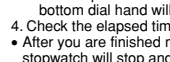
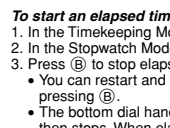
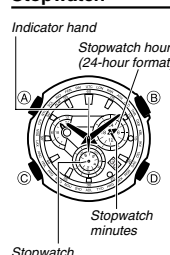
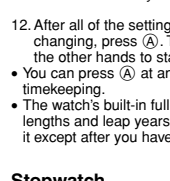
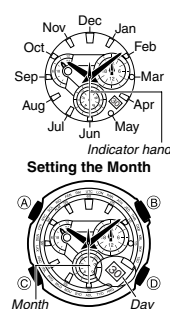
To set the time and date



Setting the year (10s digit)

Setting the year (1s digit)

- In the Timekeeping Mode, hold down (A) for about three seconds until the watch beeps.
 - The indicator hand will move to the city code that is currently selected as the Home City. This is the city code setting mode.
 - The bottom dial hand also will indicate the current DST on/off setting at this time.
- Press (D) to move the indicator hand clockwise, until it points at the city code you want to select as your Home City.
 - For full information on city codes, see the "City Code Table".
- Press (B) to toggle the DST setting indicated by the bottom dial hand on or off.
 - Even after you change the DST setting, you still can use (D) to select a different Home City code if you want.
- After the Home City and DST settings are the way you want, press (C).
 - This will cause the watch to beep and the indicator hand to move to the 12 o'clock position. This is the time setting mode.
 - All hands (except for the indicator hand and the bottom dial hand) and the day display will change automatically to the current time and date settings for the selected city code.
 - All button operations are disabled while the hands and day display are changing.
- Use (D) (+) and (B) (-) to change the time (hour and minute) setting.
 - As you set the time, take care to ensure that the left dial hand also indicates the correct 24-hour timekeeping hour.
- After the time setting is the way you want, press (C).
 - This will cause the watch to beep and change to the year setting mode.
- Use (D) and (B) to change the year setting.
 - You can set the year within the range of 2001 to 2099.
 - Use (B) to move the indicator hand clockwise to the value of the tens digit that you want to specify. To set 2012, for example, move the hand to 10.
 - Use (D) to rotate the bottom dial so the ones digit you want to specify is at the top (under the ▼ mark). To set 2012, for example, rotate the dial until 2 is at the top as shown in the illustration.
- After the year setting is the way you want, press (C).
 - This will cause the watch to beep and change to the month setting mode.



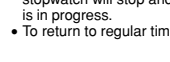
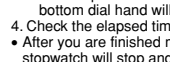
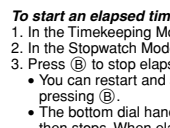
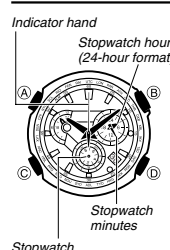
Setting the year (10s digit)

Setting the year (1s digit)

- Use (D) to move the indicator hand clockwise to the month you want to specify. To set June, for example, move the hand to 6 (Jun).
- After the month setting is the way you want, press (C).
 - This will cause the watch to beep and change to the day setting mode.
- Use (D) (+) and (B) (-) to change the day setting.
 - When setting the day, the watch automatically will skip days (30 and 31) that are not included in the currently selected month. If you can't select 30 or 31 when you want to, check to make sure that the proper month is selected.
 - You can return to the time setting mode after configuring the day setting by pressing (C). Pressing (C) will cause the watch to beep twice.

- After all of the settings are the way you want and the day display is no longer changing, press (A). This will cause the bottom dial hand to start moving again and the other hands to start moving from their current positions.
 - You can press (A) at any time during the above procedure to return to regular timekeeping.
 - The watch's built-in full automatic calendar makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch's battery replaced.

Stopwatch



Setting the year (10s digit)

Setting the year (1s digit)

- The stopwatch lets you measure elapsed time.
- When you enter the Stopwatch Mode, the bottom dial hand moves to 12 o'clock and the right dial hands move to 12 o'clock.
 - You can start elapsed time measurement with the stopwatch while the watch is in the Stopwatch Mode or the Timekeeping Mode.
 - The display range of the stopwatch is 23 hours, 59 minutes, 59.95 seconds.
 - The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.
 - You can switch to another mode from the Stopwatch Mode only while the stopwatch is stopped and reset.

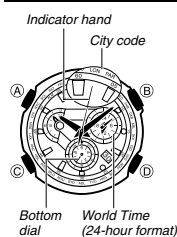
To start an elapsed time operation while in the Stopwatch Mode

- In the Timekeeping Mode, press (D) to enter the Stopwatch Mode.
- In the Stopwatch Mode, press (B) to start elapsed time measurement.
 - You can restart and stop elapsed time measurement as many times as you like by pressing (B).
 - The bottom dial hand indicates 1/20 seconds during the first 60 seconds only, and then stops. When elapsed time measurement is stopped (by pressing (B)), the bottom dial hand will jump to the 1/20 second indication (which is kept internally).
- Check the elapsed time.
 - After you are finished measuring elapsed time, press (D) to reset the stopwatch. The stopwatch will stop and reset even if you press (D) while elapsed time measurement is in progress.
- To return to regular timekeeping, press (D) while the stopwatch is reset.

To start an elapsed time operation while in the Timekeeping Mode

- In the Timekeeping Mode, press **(B)** to start elapsed time measurement.
 - After you press **(B)** in the Timekeeping Mode, elapsed time measurement will not start for about one second.
 - The elapsed time measurement will not start if you press **(B)** in the Timekeeping Mode while either of the following conditions exists.
 - While an alarm is sounding*
 - While the watch is changing from one date to the next (at midnight)*
- Press **(B)** to stop elapsed time measurement.
 - You can restart and stop elapsed time measurement as many times as you like by pressing **(B)**.
 - The bottom dial hand indicates 1/20 seconds during the first 60 seconds only, and then stops. When elapsed time measurement is stopped (by pressing **(B)**), the bottom dial hand will jump to the 1/20 second indication (which is kept internally).
- Check the elapsed time.
 - After you are finished measuring elapsed time, press **(D)** to reset the stopwatch. The stopwatch will stop and reset even if you press **(D)** while elapsed time measurement is in progress.
 - To return to regular timekeeping, press **(D)** while the stopwatch is reset.

World Time



The World Time Mode shows you the current time in 29 cities (29 time zones) around the world. A simple operation swaps your Home City with the currently selected World Time City.

- When you enter the World Time Mode, the indicator hand will move automatically to the city code that is currently selected as the World Time City code. At the same time, the right dial hands will move to the current time in that city.
- If the current time shown for a city is wrong, check your Home City settings and make the necessary changes.
- All of the operations in this section are performed in the World Time Mode.

To view the time in another city

- In the World Time Mode, use **(D)** to move the indicator hand clockwise to the city code of the city you want to select as the World Time City.
- The right dial hands will move to indicate the current time in the selected city code. The day display will continue to indicate the day in your Home City.
 - For full information on city codes, see the "City Code Table".

To check whether the time for the selected city code is Standard Time or Daylight Saving Time

- In the World Time Mode, use **(D)** to select the city code that you want to check.
- Press **(A)**.
 - The bottom dial hand will move to **OFF** in the case of Standard Time, and to **ON** in the case of Daylight Saving Time.
 - If you do not perform any operation for about three seconds, the watch will return automatically to regular timekeeping.

To toggle a city code time between Standard Time and Daylight Saving Time



Hold down **(A)** for three seconds.



- In the World Time Mode, use **(D)** to move the indicator hand to the city code whose Standard Time/Daylight Saving Time setting you want to change.
- Hold down **(A)** for about three seconds until the watch beeps. This will cause the bottom dial to toggle between **ON** (Daylight Saving Time) and **OFF** (Standard Time).
 - Note that you cannot switch between Standard Time and Daylight Saving Time while **UTC** is selected as the city code.
 - Note that the Standard Time/Daylight Saving Time setting affects only the currently displayed city code. Other city codes are not affected.

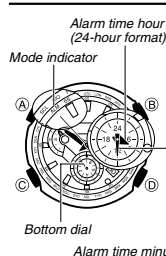
Swapping your Home City and World Time City

You can use the procedure below to swap your Home City and World Time City. This changes your Home City to your World Time City, and your World Time City to your Home City. This capability can come in handy when you frequently travel between two cities in different time zones.

To swap your Home City and World Time City

- In the World Time Mode, use **(D)** to move the indicator hand to the World Time City you want.
- Hold down **(B)** for about three seconds until the watch beeps.
 - This will make the World Time City (which you selected in step 1) your Home City. At the same time, it changes the Home City you had selected prior to step 2 your World Time City.
 - After swapping the Home City and World Time City, the watch will stay in the World Time Mode with the city that was selected as the Home City prior to step 2 now displayed as the World Time City.

Alarm



When the alarm is turned on, the alarm sounds when the alarm time is reached.

- Whenever you enter the Alarm Mode, the indicator hand will move to the **ALM** position. The bottom dial will move to the alarm's current **ON/OFF** status.
- All of the operations in this section are performed in the Alarm Mode.

To set an alarm time

- In the Alarm Mode, hold down **(A)** for about three seconds until the watch beeps. This indicates it is in the setting mode.
 - The bottom dial will move to **ON** (alarm on) at this time.

- Use **(D)** (+) and **(B)** (-) to change the alarm time setting in the right dial.
 - Each press of either button changes the setting by one minute.
- After setting the alarm time, press **(A)** to exit the setting mode.
 - Setting the alarm time causes the alarm to turn on automatically.

Alarm Operation

The alarm tone sounds at the alarm time for 10 seconds, regardless of the mode the watch is in.

- Alarm operations are performed in accordance with the Timekeeping Mode time.
- Pressing any button stops the alarm tone operation.

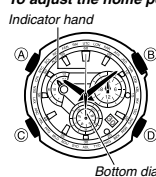
To toggle an alarm on and off

In the Alarm Mode, press **(A)** to toggle the alarm setting indicated by the bottom dial hand **ON** or **OFF**.

Adjusting the Home Positions

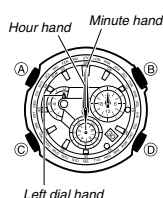
If you notice that the watch hands are not indicating 12 o'clock, ON/OFF settings, or other indicator settings correctly, you can adjust the "home positions" of the hands manually to correct them.

To adjust the home positions



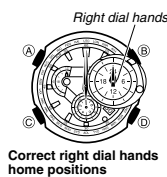
Correct bottom dial hand and indicator hand home positions

- In the Timekeeping Mode, as you hold down **(A)**, hold down **(C)** for about three seconds until the watch beeps.
 - This indicates that the watch is in the home position adjustment mode.
 - If the bottom dial hand moves to 12 o'clock, it is in the correct home position. If it doesn't, use **(D)** to move the bottom dial hand to 12 o'clock.
 - The indicator hand is also in the proper home position if it moves to 12 o'clock. If it doesn't, press **(B)** to move it to 12 o'clock.



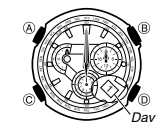
Correct hour and minute hand home positions

- After confirming that the bottom dial hand and indicator hand are both at the proper home positions, press **(C)**. This will switch to hour hand and minute hand home position adjustment.
 - The hour hand and minute hand are at their proper home positions if they both move to 12 o'clock, and if the left dial hand is pointing at 24. If the hands are not positioned correctly, use **(D)** (+) and **(B)** (-) to move all three hands to their proper home positions.
 - The left dial hand moves in accordance with the hour, minute, and second settings. As you set the time, take care to ensure that the left dial hand also is at the correct position.



Correct right dial hands home positions

- After confirming that the hands are in the correct home positions, press **(C)**. This will advance to right dial hands home position adjustment.
 - If the right dial hands (hour, minute) both point at **24**, it means that they are at their proper home positions. If they aren't, use **(D)** (+) and **(B)** (-) to move the hands until they point at **24**.
- After confirming that the right dial hands are in the correct home positions, press **(C)**. This will advance to day home position adjustment.
 - The day is in the correct home position if it shows "1". If it doesn't, use **(D)** (+) and **(B)** (-) to change the day to "1".



Correct day home position

Reference

This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

Auto Return Features

- If you leave the watch in the Alarm Mode for two or three minutes without performing any operation, it will return to regular timekeeping automatically.
- If you do not perform any operation for about two or three minutes while a setting mode is selected, the watch will exit the setting mode automatically.

High-Speed Movement

- The **(D)** and **(B)** buttons are used to change the hand setting in various setting modes. In most cases, holding down these buttons will start high-speed movement of the applicable hand(s) and day.
- High-speed movement of the hands and day will continue until you press any button, or until the moving hand(s) and day finish one complete cycle.
 - One complete cycle for the hands is 24 hours.
 - One complete cycle for the day is 31 days.

Timekeeping

- The date will change automatically when the current time reaches midnight. The date change at the end of the month may take more time than normal.
- The current time for all city codes in the Timekeeping Mode is calculated in accordance with Universal Time Coordinated (UTC*) data of each city, based on your Home City time setting.

* UTC is the world-wide scientific standard of timekeeping. It is based upon carefully maintained atomic (cesium) clocks that keep time accurately to within microseconds. Leap seconds are added or subtracted as necessary to keep UTC in sync with the Earth's rotation. The reference point for UTC is Greenwich, England.

Specifications

Accuracy at normal temperature: ± 20 seconds a month

Timekeeping: Hour, minutes (hand moves every 10 seconds), seconds, 24-hour, day, day of the week

Calendar system: Full Auto-calendar pre-programmed from the year 2001 to 2099

Other: Home City code (can be assigned one of 29 city codes); Daylight Saving Time (summer time) / Standard Time

Stopwatch: Measuring capacity: 23:59'59.95"
Measuring unit: 1/20 second

World Time: 29 cities (29 time zones)

Other: Standard Time/Daylight Saving Time (summer time); Home City/World Time City swapping

Alarm: Daily alarm

Battery: One silver oxide battery (Type: SR927W)

Approximately 2 years on type SR927W (10 seconds of alarm operation per day)

City Code Table

| City Code | City | UTC Offset | City Code | City | UTC Offset |
|-----------|---------------------|------------|-----------|------------|------------|
| PPG | Pago Pago | -11 | JED | Jeddah | +3 |
| HNL | Honolulu | -10 | THR | Tehran | +3.5 |
| ANC | Anchorage | -9 | DXB | Dubai | +4 |
| LAX | Los Angeles | -8 | KBL | Kabul | +4.5 |
| DEN | Denver | -7 | KHI | Karachi | +5 |
| CHI | Chicago | -6 | DEL | Delhi | +5.5 |
| NYC | New York | -5 | DAC | Dhaka | +6 |
| SCL | Santiago | -4 | RGN | Yangon | +6.5 |
| RIO | Rio De Janeiro | -3 | BKK | Bangkok | +7 |
| FEN | Fernando De Noronha | -2 | HKG | Hong Kong | +8 |
| RAI | Praia | -1 | TYO | Tokyo | +9 |
| UTC | | | ADL | Adelaide | +9.5 |
| LON | London | +0 | SYD | Sydney | +10 |
| PAR | Paris | +1 | NOU | Noumea | +11 |
| ATH | Athens | +2 | WLG | Wellington | +12 |

- Based on data as of June 2008.
- The rules governing global times (UTC offset and GMT differential) and summer time are determined by each individual country.