Operation Guide 4799 5034

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.
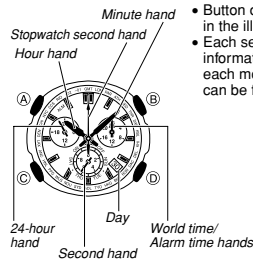
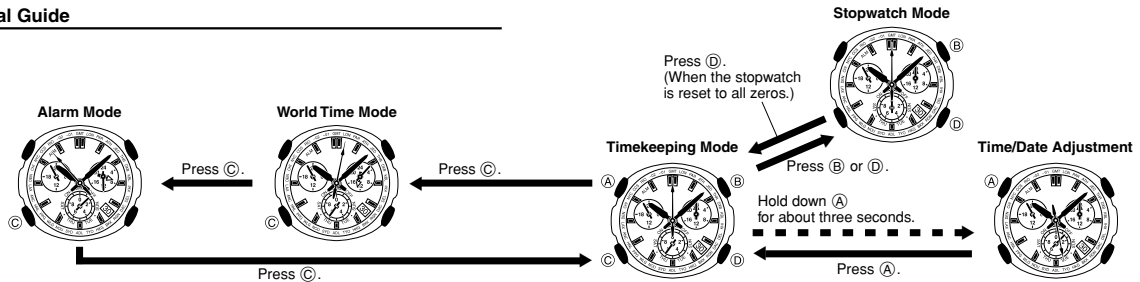### What to do if the second hand (dial at 6 o'clock) is stopped

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

Second hand

About This Manual

Minute hand
Stopwatch second hand
Hour hand

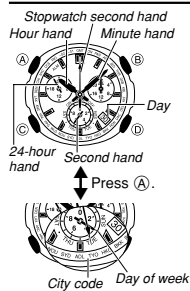24-hour hand
Day
Second hand
World time/
Alarm time hands

• 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.
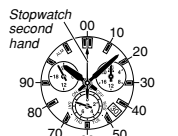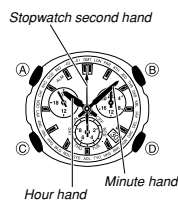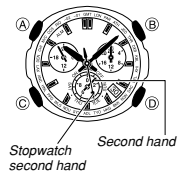
General Guide

Alarm Mode

World Time Mode

Press Ⓒ. ← Press Ⓒ.

Stopwatch Mode

Press Ⓓ. (When the stopwatch is reset to all zeros.)

Timekeeping Mode

Press Ⓑ or Ⓓ.

Hold down Ⓐ for about three seconds.

Press Ⓐ.

Time/Date Adjustment

Press Ⓒ.

Timekeeping

Stopwatch second hand
Hour hand   Minute hand

Day

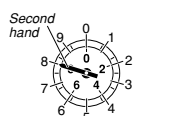24-hour hand   Second hand

Press Ⓐ.

City code   Day of week

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 Ⓐ in the Timekeeping Mode will cause the second hand to move to the current day of the week. Also, the stopwatch second hand will move to the city code that is currently selected as your Home City. Press Ⓐ to return to normal timekeeping. The watch also will return to normal timekeeping if you do not perform any operation for about three seconds.
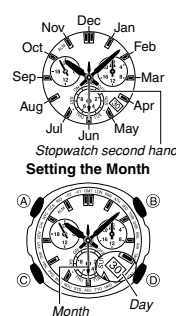
To set the time and date

Second hand

Stopwatch second hand

Stopwatch second hand

Minute hand

Hour hand

Stopwatch second hand

00 10
90   20
80   30
          40
70 60 50

Setting the year (10s digit)

Second hand
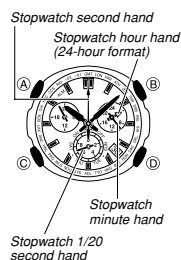
0
9   1
8   2
        3
7   4
6   5

Setting the year (units digit)

1. In the Timekeeping Mode, hold down Ⓐ for about three seconds until the watch beeps.
   • The stopwatch second hand will move to the city code that is currently selected as the Home City. This is the city code setting mode.
   • The second hand also will indicate the current DST on/off setting at this time.
2. Press Ⓓ to move the stopwatch second hand to the city code you want to select as your Home City.
   • For full information on city codes, see the "City Code Table".
3. Press Ⓑ to toggle the DST setting indicated by the second hand on or off.
   • Even after you change the DST setting, you still can use Ⓓ to select a different Home City code if you want.
4. After the Home City and DST settings are the way you want, press Ⓒ.
   • This will cause the watch to beep and the stopwatch second hand to move to the 12 o'clock position. This is the time setting mode.
   • All hands (except for the stopwatch second hand and the second 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.
5. Use Ⓓ (+) and Ⓑ (–) to change the time (hour and minute) setting.
   • As you set the time, take care to ensure that the 24-hour hand also is at the correct position.
6. After the time setting is the way you want, press Ⓒ.
   • This will cause the watch to beep and change to the year setting mode.
7. Use Ⓓ and Ⓑ to change the year setting.
   • You can set the year within the range of 2001 to 2099.
   • Use Ⓑ to move the stopwatch second 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 Ⓓ to move the second hand clockwise to the value of the units digit that you want to specify. To set 2012, for example, move the hand to 2.
8. After the year setting is the way you want, press Ⓒ.
   • This will cause the watch to beep and change to the month setting mode.

Nov Dec Jan
Oct   Feb
Sep   Mar
Aug   Apr
Jul   Jun May

Stopwatch second hand

Setting the Month

Month   Day

9. Use Ⓓ to move the stopwatch second hand clockwise to the month you want to specify. To set March, for example, move the hand to 3 (Mar).
10. After the month setting is the way you want, press Ⓒ.
    • This will cause the watch to beep and change to the day setting mode.
11. Use Ⓓ (+) and Ⓑ (–) 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 Ⓒ. Pressing Ⓒ will cause the watch to beep twice.
12. After all of the settings are the way you want and the day display is no longer changing, press Ⓐ. This will cause the second hand to start moving again and the other hands to start moving from their current positions.
• You can press Ⓐ at any time during the above procedure to return to the Timekeeping Mode.
• 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

Stopwatch second hand
Stopwatch hour hand (24-hour format)

Stopwatch minute hand
Stopwatch 1/20 second hand

The stopwatch lets you measure elapsed time.
• When you enter the Stopwatch Mode, the stopwatch 1/20 second hand and the stopwatch minute hand move to 0.
• 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 all zeros.
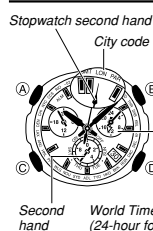
To start an elapsed time operation while in the Stopwatch Mode

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

1

To start an elapsed time operation while in the Timekeeping Mode
1. In the Timekeeping Mode, press Ⓑ to start elapsed time measurement.
   - After pressing Ⓑ in the Timekeeping Mode, elapsed time measurement will not start for about one second.
   - The elapsed time measurement will not start if you press Ⓑ 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)
2. Press Ⓑ to stop elapsed time measurement.
   - You can restart and stop elapsed time measurement as many times as you like by pressing Ⓑ.
   - The 1/20 second hand rotates during the first 60 seconds only, and then stops. When elapsed time measurement is stopped (by pressing Ⓑ), the 1/20 second hand jumps to the 1/20 second indication (which is kept internally).
3. Check the elapsed time.
- After you are finished measuring elapsed time, press Ⓓ to reset the stopwatch to all zeros. The stopwatch will stop and reset to all zeros even if you press Ⓓ while elapsed time measurement is in progress.
- To return to the Timekeeping Mode, press Ⓓ while the stopwatch is reset to all zeros.

World Time

Stopwatch second hand
City code

Second hand
World Time dial (24-hour format)

The World Time Mode shows you the current time in 27 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 stopwatch second hand will move automatically to the city code that is currently selected as the World Time city code. At the same time, the World Time 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.

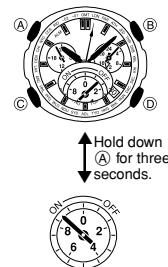**To view the time in another city**
In the World Time Mode, use Ⓓ to move the stopwatch second hand to the city code of the city you want to select as the World Time city.
- The World Time dial hands will move to indicate the current time in the selected city code. The day display will continue to indicate 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
1. In the World Time Mode, use Ⓓ to select the city code that you want to check.
2. Press Ⓐ.
- The second hand will move to **OFF** in the case of Standard Time, and **ON** in the case of Daylight Saving Time.
- If you do not perform any operation for about three seconds, the watch will automatically return to normal timekeeping.

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

Hold down Ⓐ for three seconds.

1. In the World Time Mode, use Ⓓ to select the city code whose Standard Time/Daylight Saving Time setting you want to change.
2. Hold down Ⓐ for about three seconds until the watch beeps. This will cause the second hand to toggle between **ON** (Daylight Saving Time) and **OFF** (Standard Time).
- Note that you cannot switch between Standard Time and Daylight Saving Time while **GMT** 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.
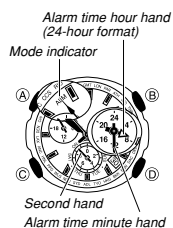
Swapping your Home City and World Time City
You can use the procedure below to swap your Home City and World Time city. This changes your Home City to your World Time city, and your World Time city to your Home City. This capability can come in handy when you frequently travel between two cities in different time zones.

To swap your Home City and World Time city
1. In the World Time Mode, use Ⓓ to select the World Time city you want.
2. Hold down Ⓑ 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 stays 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

Alarm time hour hand (24-hour format)
Mode indicator

Second hand
Alarm time minute hand

When the alarm is turned on, the alarm sounds when the alarm time is reached.
- Whenever you enter the Alarm Mode, the stopwatch second hand will move to the **ALM** position. The second hand 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
1. In the Alarm Mode, hold down Ⓐ for about three seconds until the watch beeps. This indicates it is in the setting mode.
   - The second hand will move to **ON** (alarm on) at this time.
2. Use Ⓓ (+) and Ⓑ (–) to change the alarm time setting.
   - Each press of either button changes the setting by one minute.
3. After setting the alarm time, press Ⓐ 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.
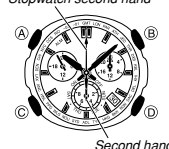
To toggle an alarm on and off
In the Alarm Mode, press Ⓐ to toggle the alarm setting indicated by the second hand **ON** or **OFF**.

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.
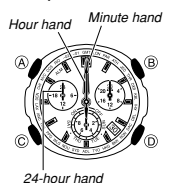
To adjust the home positions
Stopwatch second hand

Second hand
Correct second hand and stopwatch second hand home position

Hour hand   *Minute hand*

24-hour hand
Correct hour and minute hand home position

World time/Alarm time hands

Correct World Time/Alarm Time hand home positions

Day
Correct day home position

1. In the Timekeeping Mode, as you hold down Ⓐ, hold down Ⓒ for about three seconds until the watch beeps.
   - This indicates that the watch is in the time and day home position adjustment mode.
   - If the second hand moves to "0", it is in the correct home position. If it doesn't, use Ⓓ to move the second hand to "0".
   - The stopwatch second hand is also in the proper home position if it moves to 12 o'clock. If it doesn't, press Ⓑ to move it to 12 o'clock.
2. After confirming that the second hand and stopwatch second hand are both at the proper home positions, press Ⓒ.
   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 24-hour hand is pointing at hour 24. If the hands are not positioned correctly, use Ⓓ (+) and Ⓑ (–) to move all three hands to their proper home positions.
   - The 24-hour hand moves in accordance with the hour, minute, and second settings. As you set the time, take care to ensure that the 24-hour hand also is at the correct position.
3. After confirming that the hands are in the correct home positions, press Ⓒ. This will advance to World Time/Alarm Time home position adjustment.
   - If the World Time/Alarm Time hands (hour, minute) both point at **24**, it means that they are at their proper home positions. If they aren't, use Ⓓ (+) and Ⓑ (–) to move the hands until they point at **24**.
4. After confirming that the World Time/Alarm Time hands are in the correct home positions, press Ⓒ. 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 Ⓓ (+) and Ⓑ (–) to change the day to "1".
5. To return to the Timekeeping Mode, press Ⓐ.

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 returns to the Timekeeping Mode 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 Ⓓ and Ⓑ 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 the Greenwich Mean Time (GMT) differential of each city, based on your Home City time setting.
- GMT differential is calculated by this watch based on Universal Time Coordinated (UTC*) data.
   * 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.

City Code Table

City Code	City	UTC Differential	Other major cities in same time zone
PPG	Pago Pago	−11.0	
HNL	Honolulu	−10.0	Papeete
ANC	Anchorage	−09.0	Nome
LAX	Los Angeles	−08.0	San Francisco, Las Vegas, Vancouver, Seattle/Tacoma, Dawson City, Tijuana
DEN	Denver	−07.0	El Paso, Edmonton, Culiacan
CHI	Chicago	−06.0	Houston, Dallas/Fort Worth, New Orleans, Mexico City, Winnipeg
NYC	New York	−05.0	Montreal, Detroit, Miami, Boston, Panama City, Havana, Lima, Bogota
CCS	Caracas	−04.0	La Paz, Santiago, Port Of Spain
RIO	Rio De Janeiro	−03.0	Sao Paulo, Buenos Aires, Brasilia, Montevideo
− 02		−02.0	
− 01		−01.0	Praia
GMT		+00.0	Dublin, Lisbon, Casablanca, Dakar, Abidjan
LON	London		
PAR	Paris	+01.0	Milan, Rome, Madrid, Amsterdam, Algiers, Hamburg, Frankfurt, Vienna, Stockholm, Berlin
ATH	Athens	+02.0	Cairo, Jerusalem, Helsinki, Istanbul, Beirut, Damascus, Cape Town
JED	Jeddah	+03.0	Kuwait, Riyadh, Aden, Addis Ababa, Nairobi, Moscow
THR	Tehran	+03.5	Shiraz
DXB	Dubai	+04.0	Abu Dhabi, Muscat
KBL	Kabul	+04.5	
KHI	Karachi	+05.0	Male
DEL	Delhi	+05.5	Mumbai, Kolkata, Colombo
DAC	Dhaka	+06.0	
RGN	Yangon	+06.5	
BKK	Bangkok	+07.0	Jakarta, Phnom Penh, Hanoi, Vientiane
HKG	Hong Kong	+08.0	Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar
TYO	Tokyo	+09.0	Seoul, Pyongyang
ADL	Adelaide	+09.5	Darwin
SYD	Sydney	+10.0	Melbourne, Guam, Rabaul
NOU	Noumea	+11.0	Port Vila
WLG	Wellington	+12.0	Christchurch, Nadi, Nauru Island

• Based on data as of December 2006.

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