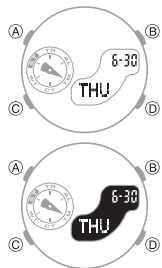


Operation Guide 5481

Congratulations upon your selection of this CASIO watch.

E-1

About This Manual



E-2

- Depending on the model of your watch, display text appears either as dark figures on a light background, or light figures on a dark background. All sample displays in this manual are shown using dark figures on a light background.
- Button operations are indicated using the letters shown in the illustration.
- Note that the product illustrations in this manual are intended for reference only, and so the actual product may appear somewhat different than depicted by an illustration.

Things to check before using the watch

1. Check the Home City and the daylight saving time (DST) setting.

Use the procedure under "To configure Home City settings" (page E-16) to configure your Home City and daylight saving time settings.

Important!

- Proper World Time Mode data depend on correct Home City, time, and date settings in the Timekeeping Mode. Make sure you configure these settings correctly.

2. Set the current time.

- See "Adjusting the Digital Time and Date Settings" (page E-19).

The watch is now ready for use.

E-3

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Mode Reference Guide

The mode you should select depends on what you want to do.

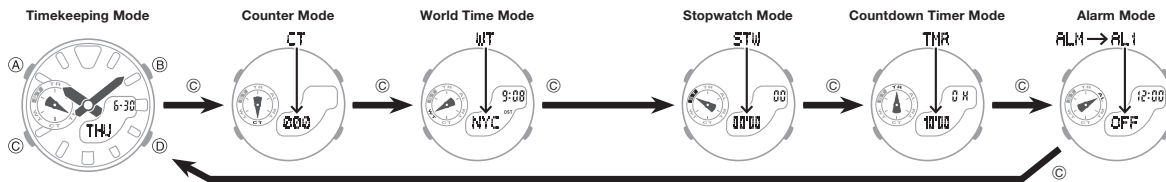
To do this:	Enter this mode:	See:
<ul style="list-style-type: none"> • View the current date in the Home City • Configure Home City and daylight saving time (DST) settings • Configure time and date settings • Start stopwatch elapsed time measurement while in the Timekeeping Mode 	Timekeeping Mode	E-15
Count objects	Counter Mode	E-23
View the current time in one of 48 cities (31 time zones) around the globe	World Time Mode	E-24
Use the stopwatch to measure elapsed time	Stopwatch Mode	E-28
Use the countdown timer	Countdown Timer Mode	E-33
Set an alarm time	Alarm Mode	E-36

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E-9

Selecting a Mode

- Press (C) to cycle between the modes as shown below.
- To return to the Timekeeping Mode from any other mode, hold down (C) for about two seconds.
- In any mode (except a setting mode), press (B) to illuminate the display.



E-10

E-11

General Functions (All Modes)

The functions and operations described in this section can be used in all of the modes.

- Scrolling
The (B) and (D) buttons are used on the setting mode to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.

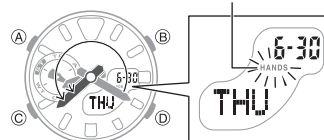
Moving the Hands Out of the Way for Better Viewing

You can use the procedure below to temporarily move the hour and minute hands out of the way to better view what is on the display.

1. While holding down (B), press (C).
• This will cause the hour and minute hands to move to a location where they do not block your view of the digital display.

Example: When the current time is 8:20

Flashes while the hands are moved out of the way.



2. Holding down (B) again as you press (C) will cause the hands to return to their normal positions (normal timekeeping).

E-12

E-13

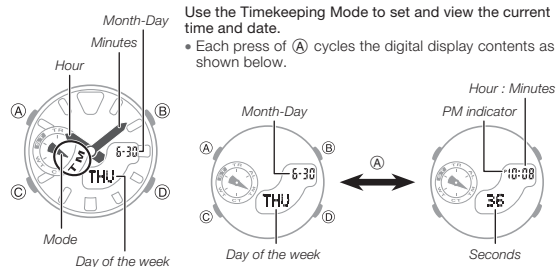
Note

- This operation can be performed in any mode. In the case of a setting mode (setting flashing on the screen), the hands will move out of the way automatically, even if you do not perform the above operation.
- Watch button functions are the same regardless of whether the hands are moved out of the way or at their normal positions.
- Changing to another mode will cause the hands to move back to their normal positions.
- The hands also will move back to their normal positions automatically if no operation is performed for about one hour.

Timekeeping

Use the Timekeeping Mode to set and view the current time and date.

- Each press of (A) cycles the digital display contents as shown below.

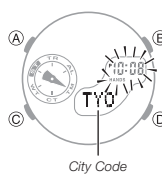


E-14

E-15

Configuring Home City Settings

There are two Home City settings: actually selecting the Home City, and selecting either standard time or daylight saving time (DST).



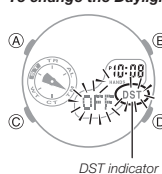
To configure Home City settings

1. In the Timekeeping Mode, hold down (A) until ADJ appears.
 - This indicates the city code setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).
2. Press (D) (East) and (B) (West) to select the city code you want to use as your Home City.
 - Keep pressing (D) or (B) until the city code you want to select as your Home City appears on the display.
 - For details about city codes, see the "City Code Table" at the back of this manual.

E-16

E-17

To change the Daylight Saving Time (summer time) setting



1. In the Timekeeping Mode, hold down (A) until ADJ appears.
 - This indicates the city code setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).
2. Press (C) to display the DST setting mode.
3. Press (D) to toggle between Daylight Saving Time (ON) and Standard Time (OFF).
 - Note that you cannot switch between daylight saving time and standard time while UTC is selected as your Home City.
4. After the setting is the way you want, press (A) to return to the Timekeeping Mode.
 - The DST indicator appears to indicate that Daylight Saving Time is turned on.

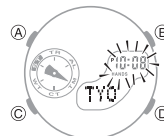
E-18

Adjusting the Digital Time and Date Settings

Use the procedure below to adjust the digital time and date settings.

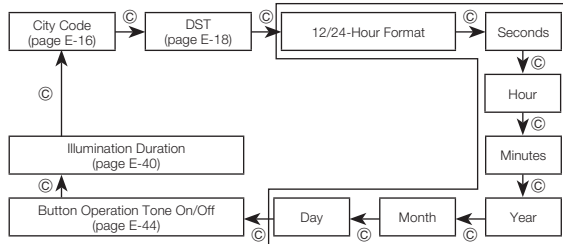
To configure the digital time and date settings

1. In the Timekeeping Mode, hold down (A) until ADJ appears.
 - This indicates the city code setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).



E-19

2. Press **(C)** to move the flashing in the sequence shown below to select the other settings.



E-20

3. When the timekeeping setting you want to change is flashing, use **(D)** and/or **(B)** to change it as described below.

Screen	To do this:	Do this:
12H	Toggle between 12-hour (12H) and 24-hour (24H) timekeeping	Press (D) .
35	Reset the seconds to 00	Press (D) .
10:08	Change the hour or minute	Use (D) (+) and (B) (-).
2016	Change the year	Use (D) (+) and (B) (-).
6-30	Change the month or day	Use (D) (+) and (B) (-).

4. Press **(A)** to exit the setting mode.

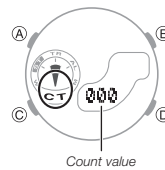
E-21

Note

- Resetting the seconds to 00 while the current count is in the range of 30 to 59 causes the minutes to be increased by 1.
- 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.
- The day of the week changes automatically when the date changes.

Counter

You can use the counter to count up to 999 objects or events.

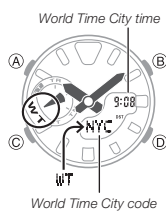


- In the Timekeeping Mode, press **(C)** to enter the Counter Mode (page E-10).
- Use **(D)** (count up) and **(A)** (count down) to control the count.
 - To reset the count value to 000, hold down **(A)** for at least two seconds.

E-22

E-23

Checking the Current Time in a Different Time Zone



You can use the World Time Mode to view the current time in one of 31 time zones (48 cities) around the globe. The city that is currently selected in the World Time Mode is called the "World Time City".

- The hour and minute hands indicate the current time in the Home City.

E-24

E-25

To enter the World Time Mode

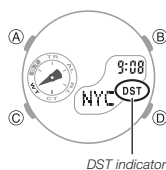
Use **(C)** to select the World Time Mode as shown on page E-10.

To view the time in another time zone

Use **(D)** to change the city code.

- Each press of **(D)** advances to the next city code.
- To change the city code to UTC, press **(B)** and **(D)** at the same time.
- Press **(A)** to display the city name of the currently selected city.

To specify standard time or daylight saving time (DST) for a city



- In the World Time Mode, use **(D)** (East) to display the city code (time zone) whose Standard Time/Daylight Saving Time setting you want to change.

- Hold down **(A)** for about two seconds.
 - This toggles the city code you selected in step 1 between Daylight Saving Time (DST indicator displayed) and standard time (DST indicator not displayed).
 - Note that you cannot switch between standard time and daylight saving time (DST) while UTC is selected as the World Time City.
 - The standard time/daylight saving time (DST) setting affects only the currently displayed city. Other cities are not affected.

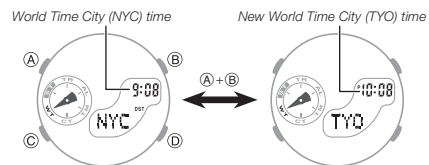
E-26

E-27

To swap your Home City and World Time City

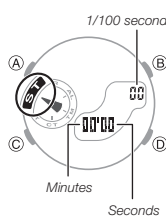
In the World Time Mode, press **(A)** and **(B)** at the same time. This swaps your Home City and World Time City.

Example: To swap the Home City (TYO) and World Time City (NYC)



Using the Stopwatch

The stopwatch measures elapsed time, split times, and two finishes.



To enter the Stopwatch Mode

Use **(C)** to select the Stopwatch Mode as shown on page E-11.

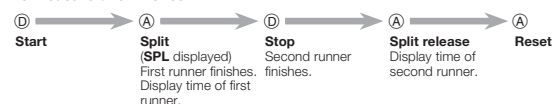
To perform an elapsed time operation



To pause at a split time



To measure two finishes



E-28

E-29

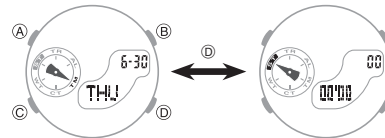
Note

- The Stopwatch Mode can indicate elapsed time up to 59 minutes, 59.99 seconds.
- Once started, stopwatch timing continues until you press (D) to stop it, even if you exit the Stopwatch Mode to another mode and even if timing reaches the stopwatch limit defined above.
- Exiting the Stopwatch Mode while a split time is frozen on the display clears the split time and returns to elapsed time measurement.

E-30

Starting the Stopwatch while in the Timekeeping Mode

Use the procedure below to start a stopwatch elapsed time measurement while in the Timekeeping Mode.
In the Timekeeping Mode, press (D).



E-31

Note

- You can use the above operation only while the stopwatch is reset to all zeros.
 - If the result of a stopped or ongoing timing operation was left on the display the last time the Stopwatch Mode was exited, pressing (D) above will display that stopped or ongoing stopwatch operation.

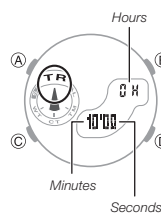
E-32

Countdown Timer

The countdown timer can be set within a range of one minute to 24 hours. An alarm sounds when the countdown reaches zero.

To enter the Countdown Timer Mode

Use (C) to select the Countdown Timer Mode as shown on page E-11.



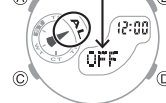
E-34

To configure the countdown timer

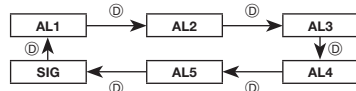
1. Hold down (A) for about two seconds until the hour digits of the start time start to flash.
 - Press (C) to toggle the flashing between the hours and minutes.
 - The hour and minute hands automatically move out of the way at this time (page E-12).
 - If the countdown start time is not displayed, use the procedure under "To perform a countdown timer operation" (page E-35) to display it.
2. Use (D) and (B) to change the setting of the flashing digits (hours or minutes).
 - You can set a start time in the range of 1 minute to 24 hours in 1-minute increments.
3. Press (A) to exit the setting mode.

Using the Alarm

You can set up to five different alarms. The watch beeps for about 10 seconds when the alarm time is reached. The hourly time signal causes the watch to beep every hour on the hour.



- To set an alarm time**
1. Use (C) to navigate to the alarm mode (page E-11).
 2. Press (D) to display the setting (AL1 through AL5, or SIG) you want to change.



E-36

To perform a countdown timer operation

- (D) → (D) → (D) → (D) → (A)
- Start Stop (Resume) (Stop) Reset**
- Before starting a countdown timer operation, check to make sure that a countdown operation is not in progress (indicated by the seconds counting down). If it is, press (D) to stop it and then (A) to reset to the countdown start time.

To stop the alarm

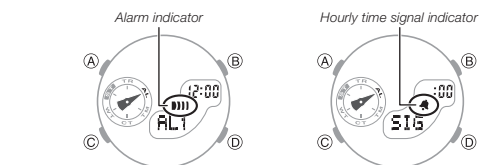
Press any button.

3. Hold down (A) for about two seconds until the alarm time starts to flash. This is the setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).

4. Press (C) to move the flashing between the hour and minute settings.
5. While a setting is flashing, use (D) (+) and (B) (-) to change it.
6. Press (A) to exit the setting mode.

Note

- If you do not perform any operation for about two or three minutes in the Alarm Mode, the watch will automatically return to the Timekeeping Mode.



To stop the alarm
Press any button.

E-38

E-39

■ Illumination

The face of the watch is illuminated for easy reading in the dark.

To illuminate the face

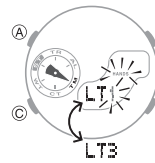
In any mode (except a setting mode), press **(B)** to illuminate the face.

Illumination Precautions

- Illumination may be hard to see when viewed under direct sunlight.
- Illumination turns off automatically whenever an alarm sounds.
- Frequent use of illumination runs down the battery.

To change the illumination duration

1. In the Timekeeping Mode, hold down **(A)** until **ADJ** appears.
 - This indicates the city code setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).



2. Press **(C)** 10 times to display the illumination duration setting screen (page E-20). The screen will show either **LT1** or **LT3**.
3. Press **(D)** to toggle the illumination duration setting between **LT1** (1.5 seconds) and **LT3** (3 seconds).
4. After all the settings are the way you want, press **(A)** to exit the setting screen.

E-40

E-41

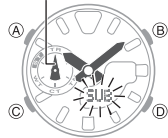
■ Adjusting Hand Positions

The watch hands can go out of alignment with the time on the digital display if it is exposed to strong magnetism or impact. If this happens, you should adjust the hand positions.

Important!

- You do not need to perform the operation below as long as the analog hands indicate the same time as the digital display.

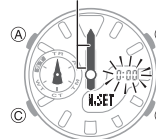
Mode hand



1. In the Timekeeping Mode, hold down **(A)** for about five seconds until **H.SET** appears.
 - This indicates the mode hand adjustment mode.
 - Though **ADJ** will appear as you hold down **(A)**, do not release the button yet.
2. If the mode hand is not at 12 o'clock, use **(D)** and **(B)** to adjust until it is.

E-42

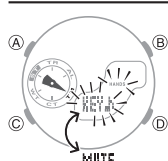
Hour hand and minute hand



3. Press **(C)**.
 - This enters the hour and minute hand adjustment mode.
 - Press **(C)** again* to return to the mode hand adjustment mode.
 - * Nothing will happen if you press **(C)** while the hands are moving.
4. If the hour and minute hands are not at 12 o'clock, use **(D)** and **(B)** to adjust them until they are.
5. Press **(A)** to return to the Timekeeping Mode. Check to make sure that the time indicated by the hands matches the time on the digital display. If the times don't match, perform the correction procedure above again.

E-43

■ Button Operation Tone



You can turn the button operation tone on or off as desired.

- Even if you turn off the button operation tone, alarms, the Hourly Time Signal, and other beepers all operate normally.

To turn the button operation tone on and off

1. In the Timekeeping Mode, hold down **(A)** until **ADJ** appears.
 - This indicates the city code setting mode.
 - The hour and minute hands automatically move out of the way at this time (page E-12).
2. Press **(C)** nine times to display the button operation tone On/Off screen (page E-20). The screen will show either **KEY** or **MUTE**.

E-44

3. Press **(D)** to toggle the setting between **KEY** (ON) and **MUTE** (OFF).
4. After all the settings are the way you want, press **(A)** to exit the setting screen.

E-45

■ Troubleshooting

Time Setting

■ The current time setting is off by hours.

Your Home City setting may be wrong (page E-16). Check your Home City setting and correct it, if necessary.

■ The current time setting is off by one hour.

You may need to change your Home City's standard time/daylight saving time (DST) setting. Use the procedure under "Adjusting the Digital Time and Date Settings" (page E-19) to change the standard time/daylight saving time (DST) setting.

World Time Mode

■ The time for my World Time City is off in the World Time Mode.

This could be due to incorrect switching between standard time and daylight saving time. See "To specify standard time or daylight saving time (DST) for a city" (page E-26) for more information.

E-46

E-47

■ Specifications

Accuracy at normal temperature: ±30 seconds a month

Digital Timekeeping: Hour, minutes, seconds, p.m. (P), month, day, day of the week

Time format: 12-hour and 24-hour

Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099

Other: Home City code (can be assigned one of 48 city codes);

Standard Time/Daylight Saving Time (summer time)

Analog Timekeeping: Hour, minutes (hand moves every 20 seconds)

Counter: 0 to 999

World Time: 48 cities (31 time zones)

Other: Daylight Saving Time/Standard Time

Stopwatch:

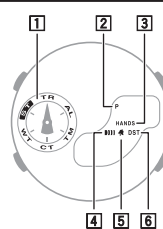
Measuring unit: 1/100 second

Measuring capacity: 59 minutes, 59.99 seconds

Measuring modes: Elapsed time, split time, two finishes

E-48

■ Main Indicators



Number	Name	See
1	Modes	E-10, E-11
2	PM indicator	E-15
3	Hands shifted indicator	E-13
4	Alarm indicator	E-39
5	Hourly time signal indicator	E-39
6	DST indicator	E-18, E-26

Countdown Timer:

Measuring unit: 1 second

Countdown range: 24 hours

Countdown start time setting range: 1 minute to 24 hours (1-minute increments)

Alarms: 5 daily alarms; Hourly time signal

Illumination: LED (light-emitting diode); Selectable illumination duration (approximately 1.5 seconds or 3 seconds)

Other: Button operation tone on/off; Moving the Hands to View the Digital Display

Power Supply: Two silver oxide batteries (Type: SR726W)

Approximate battery operating time: 2 years under the following conditions:

- 1 illumination operation (1.5 seconds) per day
- Alarm: 10 seconds/day

Frequent use of illumination runs down the battery.

E-49



City Code Table

L-1

City Code Table

City Code	City name	UTC Offset/ GMT Differential	City Code	City name	UTC Offset/ GMT Differential
PPG	PAGO PAGO	-11	RAI	PRAIA	-1
HNL	HONOLULU	-10	UTC		
ANC	ANCHORAGE	-9	LIS	LISBON	0
YVR	VANCOUVER	-8	LON	LONDON	
LAX	LOS ANGELES	-8	MAD	MADRID	
YEA	EDMONTON	-7	PAR	PARIS	
DEN	DENVER	-7	ROM	ROME	+1
MEX	MEXICO CITY	-6	BER	BERLIN	
CHI	CHICAGO	-6	STO	STOCKHOLM	
NYC	NEW YORK	-5	ATH	ATHENS	
SCL*	SANTIAGO	-4	CAI	CAIRO	+2
YHZ	HALIFAX	-4	JRS	JERUSALEM	
YYT	ST. JOHN'S	-3.5	MOW	MOSCOW	+3
RIO	RIO DE JANEIRO	-3	JED	JEDDAH	+3
FEN	F. DE NORONHA	-2	THR	TEHRAN	+3.5

L-2

City Code	City name	UTC Offset/ GMT Differential
DXB	DUBAI	+4
KBL	KABUL	+4.5
KHI	KARACHI	+5
DEL	DELHI	+5.5
KTM	KATHMANDU	+5.75
DAC	DHAKA	+6
RCN	YANGON	+6.5
BKK	BANGKOK	+7
SIN	SINGAPORE	
HKG	HONG KONG	+8
BJS	BEIJING	
TPE	TAIPEI	
SEL	SEOUL	+9
TYO	TOKYO	+9
ADL	ADELAIDE	+9.5
GUM	GUAM	+10
SYD	SYDNEY	+10

City Code	City name	UTC Offset/ GMT Differential
NOU	NOUMEA	+11
WLG	WELLINGTON	+12

- * As of July 2015. This watch does not reflect the change of the Santiago (SCL) UTC offset to -3. For Santiago (SCL), turn on summer time to advance the time by one hour.
- This table shows the city codes of this watch.
- The rules governing global times (UTC offset and GMT differential) and summer time are determined by each individual country.

L-3