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User's Guide 5654

CASIO

ENGLISH

Congratulations upon your selection of this CASIO watch.

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.

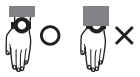
Important!
- Keep the watch's face exposed to light as much as possible.
- This manual provides a brief overview of your watch.

For a full Operation Guide and Q&A information about this product, go to the website below.
https://world.casio.com/manual/wat/

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Charging the Watch



- While wearing the watch, take care so your sleeve does not block its face (solar panel) from light. Charging efficiency may be reduced if the face (solar panel) is blocked from light, even partially.

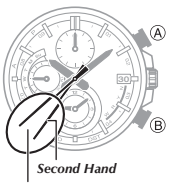


- When you are not wearing the watch, leave it where its face (solar panel) is exposed to bright light for charging.
- To help ensure stable operation, expose the face of the watch to about a half day of direct sunlight each month to charge it.

Caution
- The case of the watch may become extremely hot when charging. Guard against burn injury.

Important!
- If the watch is not exposed to light for long periods, it will disable some functions and eventually stop timekeeping.
- For information about how long it takes to charge, refer to the Operation Guide available at the CASIO website.
- If timekeeping stops, you will need to expose the watch to light for a number of hours before it will restart.

Power Levels



Moves at two-second intervals.

You can get an idea of the watch's power level by observing the movement of the ***Second Hand***.
- If the ***Second Hand*** is moving normally at one-second intervals, power is at Level 1.
- If the ***Second Hand*** is moving at two-second intervals, power is at Level 2, which is quite low (**Low battery alert**). Expose the watch to light as soon as possible so it can charge.

Level	Hand Movement	Function Status
1	Normal.	All functions enabled
2	***Second Hand*** moves at two-second intervals.	Time calibration signal reception and home position adjustment disabled
3	All hands stopped at 12 o'clock.	All functions disabled

- When power drops to Level 3, all settings (including timekeeping) will be cleared. Recharging the battery will reset all settings to their initial factory defaults, so you will need to configure settings again.
- When the watch is at Level 3, exposing it to light for a while will cause the ***Second Hand*** to move to the position of second 57. This indicates that charging has started.

Power Saving

Power Saving enters a sleep state automatically whenever the watch is left for a certain period in an area where it is dark. The table below shows how watch functions are affected by Power Saving.
- There actually are two sleep state levels: "second hand sleep" and "function sleep".

Elapsed Time in Dark	Operation
60 to 70 minutes (second hand sleep)	Only the ***Second Hand*** will stop at its current position.
6 or 7 days (function sleep)	• All hands stopped at 12 o'clock. • Only day indication operates normally.

- The watch will not enter a sleep state between 6:00 AM and 9:59 PM. If the watch is already in a sleep state when 6:00 AM arrives, however, it will remain in the sleep state.
- The watch will not enter a sleep state while it is in the Stopwatch Mode, or while an elapsed time operation is in progress in the Timekeeping Mode or the World Time Mode.

To recover from the sleep state

Move the watch to a well-lit area, perform a crown operation, or press any button.

Configuring Current Time and Date Settings Automatically

Date and time settings are kept accurate using information provided by a time calibration signal.
- If you are in an area where a time calibration signal cannot be received, you need to adjust time and date settings manually.
- For information about the manual receive operation and time calibration signal reception ranges, refer to the Operation Guide available at the CASIO website.

Important!
- For the watch to be able to receive a time calibration signal, its Home City setting must be one where time calibration signal reception is normally supported. For details about the cities where calibration signal reception is supported, see the "City Code Table" at the back of this manual.

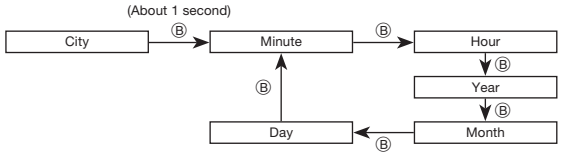
Auto Receive

- Time calibration signal reception is enabled while the watch is in the Timekeeping Mode or World Time Mode.
- Time calibration reception is based on the applicable mode's city setting. In the Timekeeping Mode, the city setting is the Home City. In the World Time Mode, it is the World Time City.
- With Auto Receive, the watch performs the receive operation each day automatically up to six times (up to five times for the Chinese calibration signal) between the hours of midnight and 5 a.m. When any receive operation is successful, none of the other receive operations for that day are performed.
- When the receive operation is successful, the time and date settings will be adjusted automatically.
- If you are unable to receive a signal, check the Operation Guide available at the CASIO website to ensure the watch is in a suitable location.

Configuring Home City, Time and Date Settings Manually

- If you are in an area where a signals cannot be received, adjust time and date settings manually.
- You can manually adjust time and date settings in the Timekeeping Mode or World Time Mode.
- In the Timekeeping Mode, this operation sets the current time in your Home City, while in the World Time Mode it sets the time in your World Time City.
- The explanation below shows how to set the current time in the Timekeeping Mode.

- In the following steps, each press of Ⓑ cycles between settings as shown below.



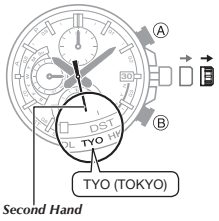
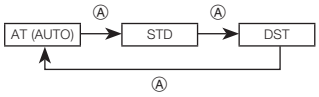


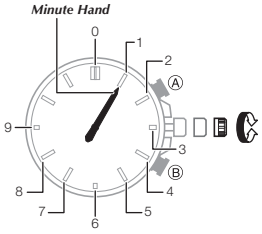
Illustration shows Timekeeping Mode.

1. Pull out the crown to the second click.
   - This will cause the ***Second Hand*** to move to the city code of the currently selected city.
   - This indicates the city code setting mode.
2. Rotate the crown to move the ***Second Hand*** to the city code you want to select.
3. Hold down Ⓐ for about one second to cycle through the summer time settings as shown below.

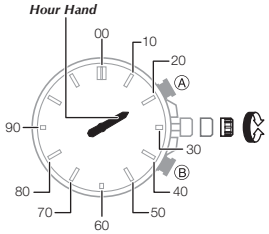


4. Hold down Ⓑ for about one second.
   - The ***Second Hand*** will move to **A** (a.m.) or **P** (p.m.).
5. Rotate the crown to adjust the minute setting.
6. Press Ⓑ.
7. Rotate the crown to adjust the hour setting.
8. Press Ⓑ.

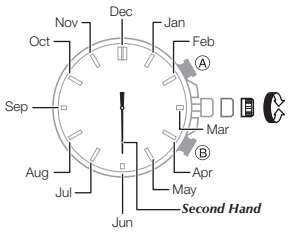
9. Rotate the crown to adjust the year setting.



Setting the year (ones digit)



Setting the year (tens digit)



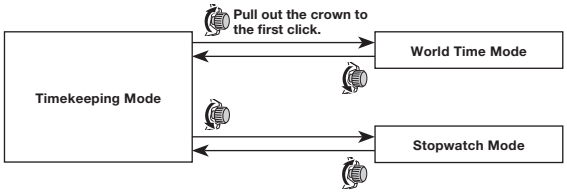
Setting the month

10. Press Ⓑ.
11. Rotate the crown to adjust the month setting.
12. Press Ⓑ.
13. Rotate the crown to adjust the day setting.
14. After the settings are the way you want, push the crown back in to return to the mode you started from in step 1.

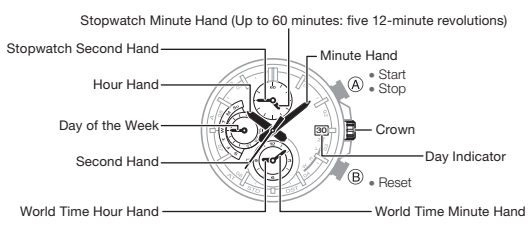
General Guide

Pull out the crown to the first click and then rotate it to navigate between modes. Push the crown back in after entering the mode you want.

- Pulling out the crown to the first click and then holding down Ⓑ for at least two seconds will return directly to the Timekeeping Mode.



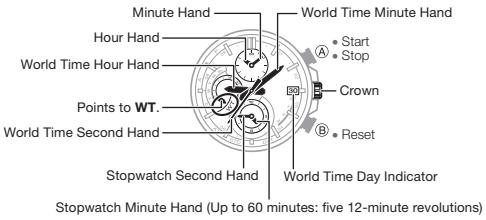
Timekeeping Mode



Ⓐ button
- Press once to start an elapsed time operation.

Ⓑ button
- Pressing once while the ***Second Hand*** is indicating normal timekeeping will cause the ***Second Hand*** to move to **A** (a.m.) or **P** (p.m.) for about one second.
- After last signal receive result is indicated, the ***Second Hand*** returns to normal timekeeping.

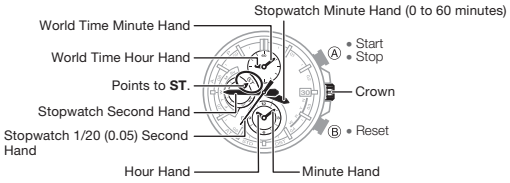
World Time Mode



Ⓐ button
- Press once to start an elapsed time operation.

Ⓑ button
- Pressing once while the ***Second Hand*** is indicating normal timekeeping will cause the ***Second Hand*** to move to **A** (a.m.) or **P** (p.m.) for about one second.
- After last signal receive result is indicated, the ***Second Hand*** returns to normal timekeeping.

Stopwatch Mode



Misaligned Hands

If the watch is exposed to strong magnetism or impact, it can cause its hands and/or the date to go out of alignment. This can result in incorrect date and/or time indication even though a time calibration signal is being received.
If this happens, refer to "Adjusting the Hand and Day Home Positions" in the Operation Guide available at the CASIO website and adjust the hand alignment.

Specifications

Accuracy at normal temperature: ±15 seconds a month (with no signal calibration)

Timekeeping: Hour, minutes, seconds, a.m./p.m. indication, day, day of the week
Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099
Other: Home City and World Time City can be assigned one of 29 city codes (29 time zones) and Coordinated Universal Time; Daylight Saving Time (summer time)/Standard Time auto switching

Time Calibration Signal Reception: Auto receive up to six times a day (5 times a day for the Chinese calibration signal; Remaining auto receives cancelled as soon as one is successful); Manual receive

Receivable Time Calibration Signals:
Mainflingen, Germany (Call Sign: DCF77, Frequency: 77.5 kHz); Anthorn, England (Call Sign: MSF, Frequency: 60.0 kHz); Fukushima, Japan (Call Sign: JJY, Frequency: 40.0 kHz); Fukuoka/Saga, Japan (Call Sign: JJY, Frequency: 60.0 kHz); Fort Collins, Colorado, the United States (Call Sign: WWVB, Frequency: 60.0 kHz); Shangqiu City, Henan Province, China (Call Sign: BPC, Frequency: 68.5 kHz)

Stopwatch: Measuring capacity: 59'59.95"
Measuring unit: 1/20 (0.05) seconds
Measuring modes: Elapsed time

Other: Power Saving; Low battery alert; Auto Correction of Hand Home Positions

Power Supply: Solar panel and one rechargeable battery
Approximate battery operating time: 5 months (no exposure to light after a full charge; one signal reception of approximately 4 minutes per day)

Specifications are subject to change without notice.

City Code Table

City Code Table

City Code		City	UTC Offset/ GMT Differential	Summer Time Period	
				Summer Time Start	Summer Time End
PAGO PAGO	(PPG)	Pago Pago	–11	None	None
HONOLULU *3	(HNL)	Honolulu	–10		
ANCHORAGE *3	(ANC)	Anchorage	–9	02:00, second Sunday in March	02:00, first Sunday in November
LOS ANGELES *3	(LAX)	Los Angeles	–8		
DENVER *3	(DEN)	Denver	–7		
CHICAGO *3	(CHI)	Chicago	–6		
NEW YORK *3	(NYC)	New York	–5		
SANTIAGO *1	(SCL)	Santiago	–4	24:00, second Saturday in October	24:00, second Saturday in March
RIO *2		Rio De Janeiro	–3	0:00, third Sunday in October	0:00, third Sunday in February or 0:00, fourth Sunday in February
F. DE NORONHA	(FEN)	Fernando de Noronha	–2	None	None
PRAIA	(RAI)	Praia	–1		
UTC			0		
LONDON *3	(LON)	London		01:00, last Sunday in March	02:00, last Sunday in October

City Code	City	UTC Offset/ GMT Differential	Summer Time Period	
			Summer Time Start	Summer Time End
PARIS *3 (PAR)	Paris	+1	02:00, last Sunday in March	03:00, last Sunday in October
ATHENS *3 (ATH)	Athens	+2	03:00, last Sunday in March	04:00, last Sunday in October
JEDDAH (JED)	Jeddah	+3	None	None
TEHRAN (THR)	Tehran	+3.5	0:00, March 22 or 0:00, March 21	0:00, September 22 or 0:00, September 21
DUBAI (DXB)	Dubai	+4	None	None
KABUL (KBL)	Kabul	+4.5		
KARACHI (KHI)	Karachi	+5		
DELHI (DEL)	Delhi	+5.5		
DHAKA (DAC)	Dhaka	+6		
YANGON (RGN)	Yangon	+6.5		
BANGKOK (BKK)	Bangkok	+7		
HONG KONG *3 (HKG)	Hong Kong	+8		
TOKYO *3 (TYO)	Tokyo	+9		
ADELAIDE (ADL)	Adelaide	+9.5	02:00, first Sunday in October	03:00, first Sunday in April
SYDNEY (SYD)	Sydney	+10		

City Code	City	UTC Offset/ GMT Differential	Summer Time Period	
			Summer Time Start	Summer Time End
NOUMEA (NOU)	Noumea	+11	None	None
WELLINGTON (WLG)	Wellington	+12	02:00, last Sunday in September	03:00, first Sunday in April

** 1 As of January 2020, the summertime period for Chile (Santiago) has been changed to start at 0:00 on the first Saturday of September and end at 24:00 on the first Saturday of April. However, the Auto DST operations of this watch do not reflect this change.*

** 2 As of January 2020, summer time has been halted in Brazil (Rio de Janeiro). However, the Auto DST operation of this watch does not reflect this change.*

** 3 Indicates cities where time calibration signal reception is supported. Though the Honolulu and Anchorage areas (time zones) are outside of the time signal reception range of the watch, reception may be possible when reception conditions are good.*

- The rules governing global times (UTC offset and GMT differential) and summer time are determined by each individual country.
- The summer time periods in this table are applicable to specific cities. For cities not included in the list, select the list city that is in the same time zone as the desired city and perform STD/DST settings manually.