 © 2018 CASIO COMPUTER CO., LTD.

User's Guide 5542 (OC)

CASIO

ENGLISH

Congratulations upon your selection of this CASIO watch.

For details about how to use this watch and for troubleshooting information, go to the website below.

http://world.casio.com/manual/wat/

• Keep the watch's face exposed to light as much as possible (page E-6).

Important!

• For details about how to adjust the current time zone, time, and day settings, see "Timekeeping (Current Time and Day Adjustment)" (page E-8).

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.

Features

Your watch provides you with the features and functions described below.

◆ **Solar powered operation** ..... **Page E-6**
The watch generates electrical power from sunlight and other types of light, and uses it to charge a battery that powers operation.

◆ **Accurate timekeeping** ..... **Page E-8**
Timekeeping is kept accurate using information provided by receipt of a time calibration signal and by communication with a phone.

◆ **Dual time display** ..... **Page E-17**
You can view the time in your current location, plus the time in one more time zone. The Mobile Link function can be used to specify a World Time City setting so the sub-dial indicates the current time there.

◆ **Stopwatch** ..... **Page E-13**
The stopwatch measures elapsed time up to 24 hours in one-second increments.

Contents

Features **E-2**
Charging the Watch **E-6**
Timekeeping (Current Time and Day Adjustment) **E-8**
Timekeeping (Based on a Time Calibration Signal) **E-9**
Appropriate Signal Reception Location (Time Calibration Signal) E-9
Time Calibration Signal Auto Receive E-10
Time Calibration Signal Manual Receive E-11
Mode Reference Guide **E-12**
Using the Watch in a Medical Facility or Aircraft E-14
Time Zone setting **E-15**
To configure Home Time differential E-16
Dual Time setting E-17
Configuring Time and Date Settings Manually **E-18**
Specifications **E-19**

Bluetooth® is a registered trademark or trademark of Bluetooth SIG, Inc. of the United States.

Your watch has a Mobile Link function that allows it to communicate with a Bluetooth® mobile phone and adjust its time settings to match those of the mobile phone.

• This product complies with or has received approval under radio laws in various countries and geographic areas. Use of this product in an area where it does not conform to or where it has not been approved under applicable radio laws may be punishable under local laws. For details, visit http://world.casio.com/ce/BLE/.

• Use of this product inside of an aircraft is restricted by the aviation laws of each country. Be sure to obey instructions provided by flight personnel concerning use of devices such as this product.

Charging the Watch



• 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.



• 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.

Caution

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

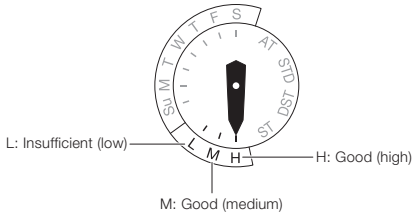
Power Saving

• Leaving the watch in a dark location for about one hour between 10:00 p.m. and 5:50 a.m. will cause the second hand to stop.

• Leaving the watch in a dark location for about one week will cause all hands to stop.

Charge Level Indication

• The current charge level is temporarily indicated right after you enter the Timekeeping Mode. See "Mode Reference Guide" (page E-12).



Battery Alerts

• Low Battery
In the Timekeeping Mode, second hand jumps every two seconds (Low Battery Alert).

• Dead Battery
In the Timekeeping Mode, all hands stopped.

User's Guide 5542 (OC)

CASIO

Timekeeping (Current Time and Day Adjustment)

Timekeeping is kept accurate using information provided by a time calibration signal and by communication with a mobile phone.

- Time calibration signals can be received using Auto Receive or Manual Receive (page E-9).
- To set the current time and day, normally use the procedure under "Time Calibration Signal Auto Receive" (page E-10).
- For information about how to adjust time using a phone, refer to the Operation Guide available at the website below.
  http://world.casio.com/manual/wat/
- If you are in an area where a time calibration signal cannot be received or if you cannot connect with a phone for some reason, adjust time and date settings manually (page E-18).

Important!

- If you feel that the current time and/or day indicator are not in the correct positions, you can adjust their alignment. For details, see the Operation Guide available at the CASIO website.
- Time calibration signal reception is normally possible in the areas below.
  Japan, China, North America, Europe
  For details, see the Operation Guide available at the CASIO website.
- For details about the following operations, refer to the Operation Guide available at the CASIO website: Configuring Home City time differential (time zone), summer time, current time, and current date settings manually.
  http://world.casio.com/manual/wat/

Timekeeping (Based on a Time Calibration Signal)

Appropriate Signal Reception Location (Time Calibration Signal)

- Keep the watch away from metal and position it so its 6 o'clock side is facing a window. Avoid moving the watch as much as possible and do not perform any watch operations while a signal receive operation is in progress.



You may experience time calibration signal reception problems in the areas described below.

- Among or near buildings
- While riding in a vehicle
- Near household appliances, office machines, mobile phones, etc.
- On a construction site, in an airport, or any other location where radio wave interference occurs
- Near high-voltage lines
- In mountainous areas or behind a mountain

- Always check the time setting on the day there should be a switch between standard time and summer time (DST). If the setting is not correct (due to signal reception failure), turn DST on or off manually as required.

Time Calibration Signal Auto Receive

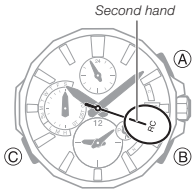
Important!

- To perform time calibration signal auto receive, the watch must be in the Timekeeping Mode. See "Mode Reference Guide" (page E-12).

Leave the watch in a location that is appropriate for time calibration signal reception between the hours of midnight and 5:00 a.m. See "Appropriate Signal Reception Location (Time Calibration Signal)" (page E-9).

- The second hand will point to **RC** while time calibration signal reception is in progress.
- Reception normally takes anywhere from about two to ten minutes, but it can take as long as 20 minutes.
- When the receive operation is successful, the time and day settings will be adjusted automatically.

Time Calibration Signal Manual Receive

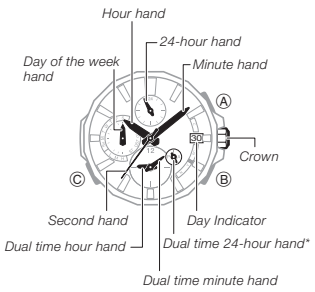


1. Hold down Ⓑ for at least two seconds until the second hand moves to **RC** (Receive). If the second hand is a position other than **RC**, keep Ⓑ depressed until it moves to **RC**.
2. Place the watch near a window.
   - The time setting will be adjusted automatically when a signal receive operation is successful.
   - Calibration signal reception normally takes anywhere from about two to 10 minutes. It can take as long as 20 minutes.
   - Best reception is in the middle of the night.

Mode Reference Guide

- Use Ⓒ to navigate between modes.

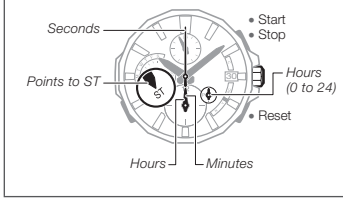
Timekeeping Mode



- To swap your Home Time with the Dual Time, hold down Ⓐ for three seconds.
- To view the result of last time calibration by time signal reception or Mobile Link, press Ⓑ once.
- To trigger a time calibration by Mobile Link manually, hold down Ⓑ for 0.5 seconds.
- To trigger a time calibration signal reception operation manually, hold down Ⓑ for 1.5 seconds.
- To search for the phone paired with the watch, hold down Ⓑ for 3.5 seconds.
- Press Ⓒ once to enter the Stopwatch Mode.

- Holding down Ⓒ for two seconds in any mode returns to the Timekeeping Mode.

Stopwatch Mode

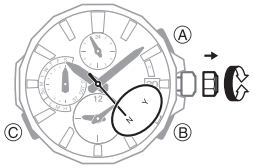


* The A-side of the dial indicates an a.m. time, while the P-side indicates a p.m. time.

- Hold down Ⓒ for about four seconds to establish a Bluetooth connection with a phone. For details, refer to the Operation Guide available at the CASIO website.
  http://world.casio.com/manual/wat/

Using the Watch in a Medical Facility or Aircraft

- Disable auto time adjustment whenever you are in a medical facility, and aircraft, in any other area where radio wave reception and connection with a phone are prohibited or restricted.
- Disabling auto time adjustment disables time calibration signal auto receive and auto connection with a phone.
- Press Ⓑ once and then pull out the crown to the first click. The second hand will move to **Y (YES)** (auto receive enabled) or **N (NO)** (auto receive disabled). To disable auto time adjustment, rotate the crown to move the second hand to **N (NO)**. To enable auto time adjustment, rotate the crown to move the second hand to **Y (YES)**. After the setting is the way you want, push the crown back in to its normal position.



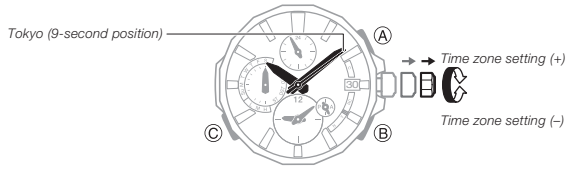
Time Zone setting

Important!

- In order to prevent loss of water resistance and damage due to impact, make sure that the crown is fully pushed in to its normal position after operating it.
- For details about summer time settings and time zone settings, refer to the Operation Guide available at the CASIO website.
  http://world.casio.com/manual/wat/

To configure Home Time differential

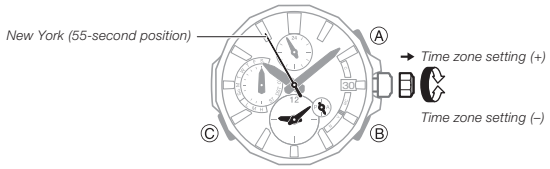
1. Pull the crown out to the second click.
   Example: To select Tokyo (UTC Offset: +9 hours)



- Counting from the 12 o'clock position, which represents 0 seconds, rotate the crown to align the second hand with the desired second position. For information about representative cities for each offset, refer to the City List (page L-1).

Dual Time setting

1. In the Timekeeping Mode, pull the crown out to the first click.
   Example: To select New York (UTC Offset: –5 hours)

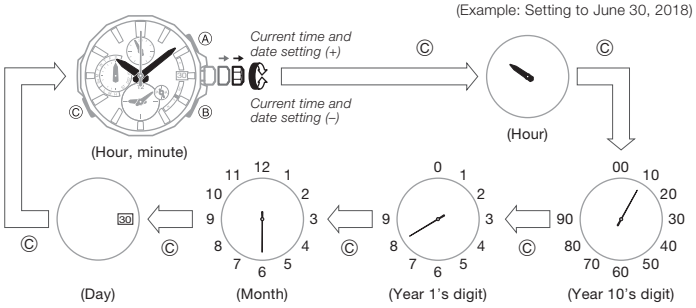


- You can view the current time in your current location, plus one other time (time in another time zone, etc.)
- Counting from the 12 o'clock position, which represents 0 seconds, rotate the crown to align the second hand with the desired second position. For information about representative cities for each offset, refer to the City List (page L-1).

Configuring Time and Date Settings Manually

Pull out the crown to the second click. After holding down Ⓒ for about one second, adjust the time and date settings.

(Example: Setting to June 30, 2018)



- Operation details: Operation Guide available at the CASIO website.
  http://world.casio.com/manual/wat/

Specifications

Accuracy at normal temperature: ±15 seconds a month (When receive of a calibration signal or communication with a phone for time adjustment is not possible.)
Timekeeping : Hour, minutes, seconds, day, day of the week
Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099
Dual Time: Hour, minutes, 24-hour
Home Time swapping
Signal receive function: Auto receive, manual receive
Auto transmitter selection (for JJY, MSF/DCF77)
Receivable call signs: JJY (40 kHz/60 kHz), BPC (68.5 kHz), WWVB (60 kHz), MSF (60 kHz), DCF77 (77.5 kHz)
Manual and auto standard time/summer time switching
Mobile Link Functions:
Auto Time Adjustment
Time setting automatically adjusted during a fixed time period.
One-touch Time Correction
Manual connection and time adjustment
Phone Finder
Watch operation sounds a tone on the connected phone.
Home Time swapping
Auto summer time switching
Automatic switching between standard time and summer time.
Hand position correction

Data Communication Specifications
Bluetooth®
Frequency Band: 2400MHz-2480MHz
Maximum Transmission: 0 dBm (1 mW)
Communication range: 2 meters max. (depends on environment)
Stopwatch:
Measuring unit: 1 second
Measuring capacity: 23 hours 59 minutes, 59 seconds (24 hours)
Measuring mode: Elapsed time
Other: Power Saving; Battery power indicator; Auto Correction of Hand Home Positions
Power Supply: Solar panel and one rechargeable battery
Approximately 5 months
Not exposed to light under the conditions below.
- Auto time adjustment: 4 times/day
- Power saving: 6 hours/day

Specifications are subject to change without notice.

City (Time Zone) List

City (Time Zone) List

UTC Offset/ GMT Differential	Second hand position	Representative Time Zone City	Radio wave to be received
0	0	London*, Dublin	MSF/DCF77
+1	1	Paris*, Rome	MSF/DCF77
+2	2	Athens*, Cairo	MSF/DCF77
+3	3	Jeddah, Moscow	–
+4	4	Dubai, Abu Dhabi	–
+5	5	Karachi	–
+6	6	Dhaka	–
+7	7	Bangkok, Jakarta	–
+8	8	Hong Kong*, Singapore	BPC
+9	9	Tokyo*, Seoul	JJY
+10	10	Sydney, Guam	–
+11	11	Noumea, Port Vila	–
+12	12	Wellington, Christchurch	–
+13	13	Nukualofa	–
+14	14	Kiritimati	–
–12	48	Baker Island	–
–11	49	Pago Pago	–
–10	50	Honolulu, Papeete	–
–9	51	Anchorage, Nome	–

UTC Offset/ GMT Differential	Second hand position	Representative Time Zone City	Radio wave to be received
–8	52	Los Angeles*, Vancouver	WWVB
–7	53	Denver*, Edmonton	WWVB
–6	54	Chicago*, Mexico City	WWVB
–5	55	New York*, Montreal	WWVB
–4	56	Halifax*, Caracas	WWVB
–3	57	Rio De Janeiro, Buenos Aires	–
–2	58	Fernando de Noronha	–
–1	59	Praia	–

* Cities where auto receive is normally supported.
- Based on data as of July 2017.
- For details about how to set the Home Time differential, World Time city, and summer time settings, refer to the Operation Guide available at the CASIO website.
  http://world.casio.com/manual/wat/