

User's Guide 5596 (OC)

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.

<https://world.casio.com/manual/wat/>



- Keep the watch's face exposed to light as much as possible (page E-5).

Important!

- For details about how to adjust the current time zone, time, and day settings, see "Timekeeping (Current Time and Day Adjustment)" (page E-6).

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-5

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-6

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

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 <https://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.

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-7).
- To set the current time and day, normally use the procedure under "Time Calibration Signal Auto Receive" (page E-8).
- For information about how to adjust time using a phone, refer to the Operation Guide available at the website below. <https://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-14).

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. <https://world.casio.com/manual/wat/>

Contents

Features E-2

Charging the Watch E-5

Timekeeping (Current Time and Day Adjustment) E-6

Timekeeping (Based on a Time Calibration Signal) E-7

 Appropriate Signal Reception Location (Time Calibration Signal) E-7

 Time Calibration Signal Auto Receive E-8

 Time Calibration Signal Manual Receive E-9

General Guide E-10

Using the Watch in a Medical Facility or Aircraft E-11

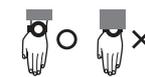
Time Zone setting E-12

 To configure Home Time differential E-12

Configuring Time and Date Settings Manually E-14

Specifications E-15

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.

Battery Alerts

- Low Battery
Second hand jumps every two seconds (Low Battery Alert).
- Dead Battery
All hands stopped.

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 12 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.

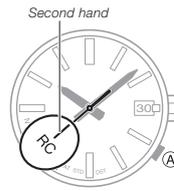


Time Calibration Signal Auto Receive

- 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-7).
- 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.
- You can disable auto receive if you want. See "Using the Watch in a Medical Facility or Aircraft" (page E-11).

E-8

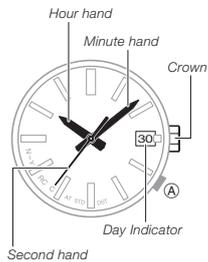
Time Calibration Signal Manual Receive



1. Hold down **(A)** for at least 0.5 seconds until the second hand moves to **RC** (Receive). If the second hand is a position other than **RC**, keep **(A)** depressed until it moves to **RC**.
 - This operation cannot be performed while the watch is paired with a phone (page E-10).
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.

E-9

General Guide

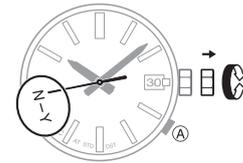


- To view the result of last time calibration by time signal reception or Mobile Link, press **(A)** once.
- If the watch is not paired with a phone, you can perform the operations below.
 - To adjust time with a time signal, hold down **(A)** for at least 0.5 seconds.
 - To pair with a phone, hold down **(A)** for at least 2.5 seconds.
- If the watch is paired with a phone, you can perform the operations below.
 - To adjust time using Mobile Link, hold down **(A)** for at least 0.5 seconds.
 - To connect with the phone, hold down **(A)** for at least 2.5 seconds.
 - To find the phone, hold down **(A)** for at least five seconds.
- For details, refer to the Operation Guide available at the CASIO website. <https://world.casio.com/manual/wat/>

E-10

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 **(A)** 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.

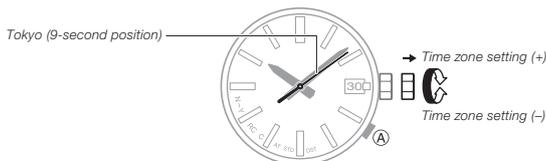


E-11

Time Zone setting

To configure Home Time differential

1. Pull the crown out to the first 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).

E-12

Important!

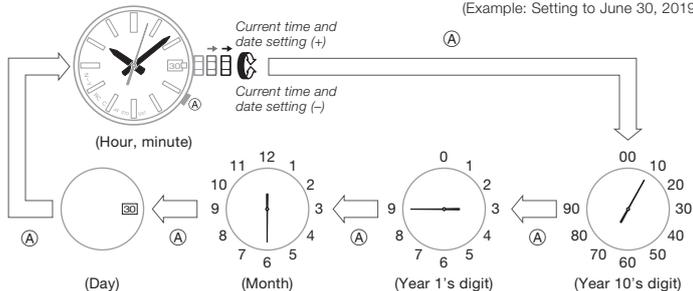
- In order to prevent loss of water resistance and damage due to impact, make sure that the crown is fully pushed in to its normal position after operating it.
- For details about summer time settings and time zone settings, refer to the Operation Guide available at the CASIO website. <https://world.casio.com/manual/wat/>

E-13

Configuring Time and Date Settings Manually

- Pull out the crown to the second click, and then adjust the time and date settings.

(Example: Setting to June 30, 2019)



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

E-14

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

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.
- Auto summer time switching
 - Automatic switching between standard time and summer time.
- Hand position correction

E-15

Data Communication Specifications

Bluetooth®
 Frequency Band: 2400MHz-2480MHz
 Maximum Transmission: 0 dBm (1 mW)
 Communication range: 2 meters max. (depends on environment)

Other: Power Saving; Low battery alert; 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



E-16

L-1

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	-

L-2

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.

- If the second hand points to the 45th second (9 o'clock), it means that you used the link with your phone to specify a Home City with an offset/differential that is different from those shown above.
- Based on data as of July 2018.
- For details about how to set the Home Time differential, and summer time settings, refer to the Operation Guide available at the CASIO website.
<https://world.casio.com/manual/wat/>

L-3