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User's Guide 5453 (OC)

CASIO

ENGLISH

Congratulations upon your selection of this CASIO watch.

• Keep the watch's face exposed to light as much as possible (page E-4).

Important!
• Before using the watch for the first time, use the steps below for signal reception, which sets the current time. See the Operation Guide available at the CASIO website for details.
1. Specify your Home City code (time zone where you normally use the watch).
2. Perform manual signal receive.

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.

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

http://world.casio.com/support/

Features

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

◆ **Solar powered operation** ..... **Page E-4**
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 time calibration signals.

◆ **Current time in cities around the globe** ..... **Page E-6**
View the current time in 29 cities around the globe.
Simple swapping of World Time with your Home Time.

◆ **Stopwatch** ..... **Page E-7**
The stopwatch measures elapsed time up to 24 hours in one-second increments.

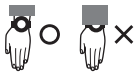
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Charging the Watch



• 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.

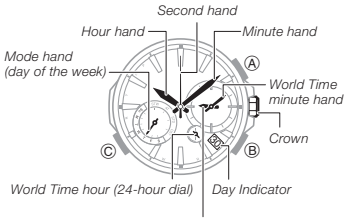
Battery Alerts
• Low Battery
Second hand jumps every two seconds (Low Battery Alert).
• Dead Battery
All hands stopped.

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Mode Reference Guide

• Use Ⓒ to navigate between modes.
• If the time and/or date settings are not correct, see "Configuring Current Time and Date Settings Automatically" (page E-8).
• Operation details: Operation Guide available at the CASIO website.

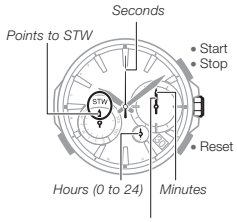
Timekeeping Mode



• Press Ⓐ once and the second hand will indicate your currently selected Home City for about one second.
• Holding down Ⓐ for about three seconds swaps World Time with your Home Time.
• To check the last receive result, press Ⓑ once.
• Holding down Ⓑ for about two seconds will start a time calibration signal receive operation.

Ⓒ

Stopwatch Mode



• Hold down Ⓒ for two seconds in any mode returns to the Timekeeping Mode.
• If you feel that the hands and/or day indicator are not in the correct positions, you can adjust their alignment. For details, refer to the Operation Guide available at the CASIO website.

Configuring Current Time and Date Settings Automatically

Date and time settings are kept accurate using information provided by a time calibration signal.
- Time calibration signals can be received using Auto Receive (page E-10) or Manual Receive (page E-10). Normally, you should set up the watch for Auto Receive of the current time and date.
- If you are in an area where a time calibration signal cannot be received, you need to adjust time and date settings manually (page E-13).

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 (pages E-9 and E-11).
- Perform the signal receive in the Timekeeping Mode. See "Mode Reference Guide" (page E-6).

Cities where Time Calibration Signal Reception is Supported

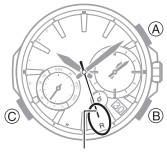
City	Time Zone	Second Hand Position (Number of Seconds)	Receivable Time Calibration Signal
LONDON (LON)	0	2	United Kingdom (MSF) Germany (DCF77)
PARIS (PAR)	+1	4	
ATHENS (ATH)	+2	6	
HONG KONG (HKG)	+8	26	China (BPC)
TOKYO (TYO)	+9	28	Japan (JJY)
NEW YORK (NYC)	–5	50	United States (WWVB)
CHICAGO (CHI)	–6	48	
DENVER (DEN)	–7	46	
LOS ANGELES (LAX)	–8	44	
ANCHORAGE (ANC)*	–9	42	
HONOLULU (HNL)*	–10	40	

* The areas covered by **HONOLULU** (**HNL**) and **ANCHORAGE** (**ANC**) are quite far from the calibration signal transmitters, so certain conditions may cause reception problems.

Auto Receive

Leave the watch near a window between midnight and 5:00 a.m.
- The time setting will be adjusted automatically when a signal receive operation is successful.
- 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.

Manual Receive



Second hand

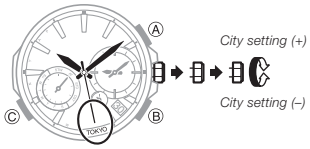
1. Hold down Ⓑ for at least two seconds until the second hand moves to **R** (Receive). If the second hand is a position other than **R**, keep Ⓑ depressed until it moves to **R**.
2. Place the watch near a window.
   - The time setting will be adjusted automatically when a signal receive operation is 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.
   - 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.

City 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.
- The watch automatically switches to summer time when the applicable summer time period is reached in the currently selected city.
- Operation details: Operation Guide available at the CASIO website.

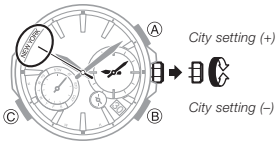
Home City setting

1. Pull the crown out to the second click.
   - Rotate the crown to align the second hand with the city you want.



World Time City setting

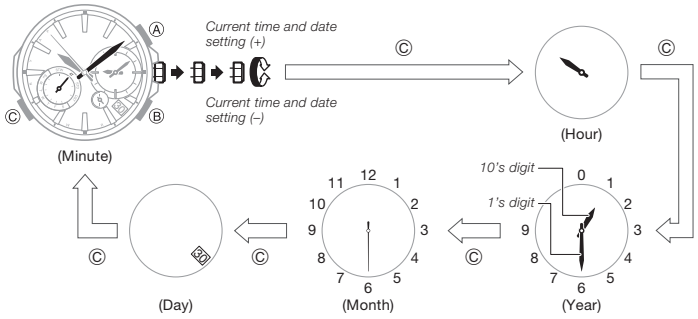
Shows current World City time.
1. In the Timekeeping Mode, pull the crown out to the first click.
   - Rotate the crown to move the second hand to the city whose date and time you want to view.



Configuring Time and Date Settings Manually

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

(Example: Setting to June 30, 2016)



- Operation details: Operation Guide available at the CASIO website.

Specifications

Accuracy at normal temperature: ±15 seconds a month (with no signal calibration)
Timekeeping: Hour, minutes, seconds, 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) auto switching/Standard Time
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: 23:59'59"
Measuring unit: 1 second
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 (HNL)	Honolulu	–10		
ANCHORAGE (ANC)	Anchorage	–9	02:00, second Sunday in March	02:00, first Sunday in November
LOS ANGELES (LAX)	Los Angeles	–8		
DENVER (DEN)	Denver	–7		
CHICAGO (CHI)	Chicago	–6		
NEW YORK (NYC)	New York	–5		
HALIFAX (YHZ)	Halifax	–4		
RIO	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 (LON)	London		01:00, last Sunday in March	02:00, last Sunday in October
PARIS (PAR)	Paris	+1	02:00, last Sunday in March	03:00, last Sunday in October
ATHENS (ATH)	Athens	+2	03:00, last Sunday in March	04:00, last Sunday in October

City Code	City	UTC Offset/ GMT Differential	Summer Time Period	
			Summer Time Start	Summer Time End
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 (HKG)	Hong Kong	+8		
TOKYO (TYO)	Tokyo	+9		
ADELAIDE (ADL)	Adelaide	+9.5	02:00, first Sunday in October	03:00, first Sunday in April
SYDNEY (SYD)	Sydney	+10		
NOUMEA (NOU)	Noumea	+11	None	None
WELLINGTON (WLG)	Wellington	+12	02:00, last Sunday in September	03:00, first Sunday in April

- Based on data as of July 2015.
- If the city or area you want is not included in the above table, set the Home City to a city code that is in the same time zone as the location you want to select. Next, configure the summer time setting as required.
- For details about the Home City, World Time City and summer time settings, refer the Operation Guide available at the CASIO website.