

Operation Guide 3262

CASIO®

Getting Acquainted

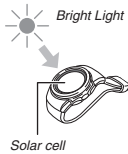
Congratulations upon your selection of this CASIO watch.

Expose the watch to bright light to charge its capacitor before using it. You can use this watch even as its capacitor is being charged by exposure to bright light.

- Be sure to read "Power Supply" on page E-14 of this manual for important information you need to know when exposing the watch to bright light.

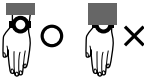
E-1

Keep the watch exposed to bright light



The electricity generated by the solar cell of the watch is stored by a built-in capacitor. Leaving or using the watch where it is not exposed to light causes the capacitor to run down. Make sure the watch is exposed to light as much as possible.

- When you are not wearing the watch on your wrist, position the face so it is pointed at a source of bright light.
- You should try to keep the watch outside of your sleeve as much as possible. Charging is reduced significantly if the face is only partially covered.



E-2

About This Manual



- Button operations are indicated using the letters shown in the illustration.
- To ensure that this watch provides you with the years of service for which it is designed, be sure to carefully read and follow the instructions under "Operating Precautions" and "User Maintenance".

E-3

Contents

General Guide.....	E-6
Timekeeping.....	E-8
Alarm	E-10
Stopwatch	E-13
Power Supply.....	E-14
Specifications	E-19

Procedure Lookup

The following is a handy reference list of all the operational procedures contained in this manual.

To set the time and date	E-9
To set the alarm time.....	E-10
To stop the alarm.....	E-11
To turn the Daily Alarm and Hourly Time Signal on and off.....	E-12
To test the alarm.....	E-12
To measure times with the stopwatch.....	E-13

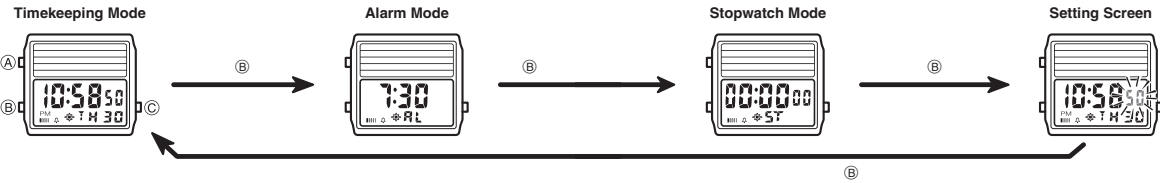
E-4

E-5

General Guide

- Press (B) to change from mode to mode.
- Pressing (B) after performing some operations in any mode returns to the Timekeeping Mode.

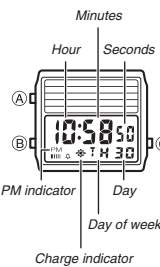
- If you do not perform any operation for a few minutes in the Alarm Mode or Setting Screen, the watch automatically reverts to the Timekeeping Mode.



E-6

E-7

Timekeeping

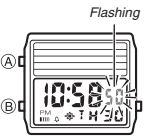


In the Timekeeping Mode, press (C) to switch between the 12-hour and 24-hour formats.

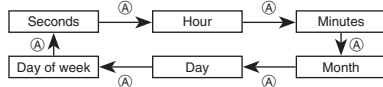
- When the 12-hour format is selected, the indicator **PM** appears on the display to indicate "p.m." times. There is no indicator for "a.m." times.
- When the 24-hour format is selected, the indicator **24H** appears on the display.
- A charge indicator appears on the display of this watch when charging is required.

E-8

To set the time and date



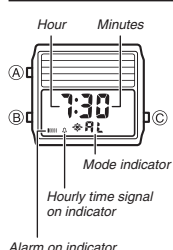
1. Press (B) three times in the Timekeeping Mode to display the setting screen.
2. Press (A) to move the selection (flashing) in the following sequence.



3. While the seconds setting is selected (flashing), press (C) to reset it to 00. If you press (C) while the seconds setting is in the range of 30 to 59, the seconds are reset to 00 and 1 is added to the minutes. If the seconds setting is in the range of 00 to 29, the minutes count is unchanged.
4. While any other setting is selected (flashing), press (C) to increase the number.
 - Holding down (C) changes the setting at high speed.
5. After you set the time and date, press (B) to return to the Timekeeping Mode.

E-9

Alarm

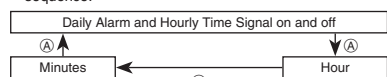


E-10

When the Daily Alarm is turned on, the alarm sounds for 20 seconds at the preset time each day. When the Hourly Time Signal is turned on, the watch beeps every hour on the hour.

To set the alarm time

- Press (A) while in the Alarm Mode. The hour digits flash because they are selected.
 - At this time the alarm is automatically turned on.
- Press (A) to change the selection in the following sequence.



- Press (C) to increase the selected digits. Holding down (C) changes the number at high speed.
- The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
- When setting the alarm time using the 12-hour format, take care to set the time correctly as morning or afternoon.

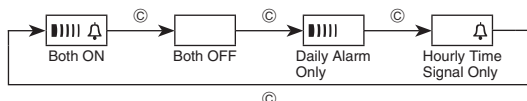
To stop the alarm

- Press (A) to stop the alarm after it starts to sound.

E-11

To turn the Daily Alarm and Hourly Time Signal on and off

Press (C) while in the Alarm Mode to change the status of the Daily Alarm and Hourly Time Signal in the sequence shown below.



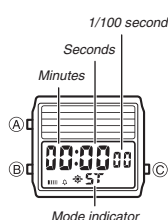
- The alarm and hourly time signal indicator is displayed in all modes.

To test the alarm

Hold down (C) while in the Alarm Mode to sound the alarm.

E-12

Stopwatch



The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 59 minutes, 59.99 seconds.

To measure times with the stopwatch

Elapsed time measurement



Split time measurement



Split time and 1st-2nd place times

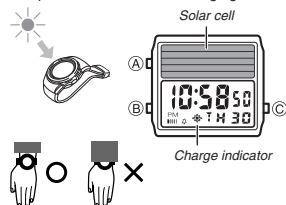


E-13

Power Supply

This watch works by light energy, so no battery is necessary. Light energy is converted into electric energy by the solar cell and stored by the capacitor. The illustration shown below shows how you should position the watch for charging.

- Example:** Orient the watch so its face is pointing at a light source.
- The illustration shows how to position a watch with a resin band.
 - Note that charging efficiency drops when any part of the solar cell is blocked by clothing, etc.
 - You should try to keep the watch outside of your sleeve as much as possible. Charging is reduced significantly if the face is only partially covered.



E-14

Important!

- Storing the watch for long periods in an area where there is no light or wearing it in such a way that it is blocked from exposure to light can cause capacitor power to run down. Make sure that the watch is exposed to bright light whenever possible.
- This watch uses a special capacitor to store power produced by the solar cell, so regular capacitor replacement is not required. However, after very long use, the capacitor may lose its ability to achieve a full charge. If you experience problems getting the capacitor to charge fully, contact your dealer or CASIO distributor about having it replaced.
- Never try to remove or replace the watch's capacitor yourself. Use of the wrong type of capacitor can damage the watch.

Charging Precautions

Certain charging conditions can cause the watch to become very hot. Avoid leaving the watch in the areas described below whenever charging its capacitor. Also note that allowing the watch to become very hot can cause its liquid crystal display to black out. The appearance of the LCD should become normal again when the watch returns to a lower temperature.

E-15

Warning!

Leaving the watch in bright light to charge its capacitor can cause it to become quite hot. Take care when handling the watch to avoid burn injury. The watch can become particularly hot when exposed to the following conditions for long periods.

- On the dashboard of a car parked in direct sunlight
- Too close to an incandescent lamp
- Under direct sunlight

Charging light

- The watch will start to work within about three seconds after it is exposed to light (such as indoor fluorescent lighting). Set the time and calendar at this time.
- Charge indicator "☼" appears on the display when the capacitor charge level is low.
- If you continue to use the watch without exposing it to light after "☼" appears, the watch will stop functioning after about three days.
- Take steps to charge the watch's capacitor as soon as possible after "☼" appears. See "Recovery Times" (page E-18) for details.
- The daily alarm, hourly time signal, and other tones will not sound while "☼" is on the display. Also, display figures may become dim.

E-16

Recovery Times

The table below shows the amount exposure that is required to take the charge from one level to the next.

Exposure Level (Brightness)	Approximate Exposure Time	
	From function stoppage until "☼" disappears	To full charge
Outdoor sunlight (50,000 lux)	1 hour and a half	1 hour
Window sunlight (10,000 lux)	7 hours	5 hours
Window sunlight on cloudy day (5,000 lux)	14 hours	9 hours
Indoor fluorescent lighting (500 lux)	140 hours	90 hours

- The above exposure time values are all for reference only. Actual required exposure times depend on lighting conditions.

E-18

Charging Guide

After a full charge, timekeeping remains enabled for up to about 14 days.

- The following table shows the amount of time the watch needs to be exposed to light each day in order to generate enough power for normal daily operations.

Exposure Level (Brightness)	Approximate Exposure Time
Outdoor sunlight (50,000 lux)	5 minutes
Window sunlight (10,000 lux)	24 minutes
Window sunlight on cloudy day (5,000 lux)	48 minutes
Indoor fluorescent lighting (500 lux)	8 hours

- For details about the capacitor operating time and daily operating conditions, see the "Power Supply" section of the Specifications on page E-19.
- Stable operation is promoted by frequent charging.

E-17

Specifications

Accuracy at normal temperature: ±30 seconds a month

Timekeeping: Hour, minutes, seconds, p.m. (PM), day, day of the week

Time system: Switchable between 12-hour and 24-hour formats

Calendar system: Auto-calendar set at 28 days for February

Alarm: Daily alarm; Hourly time signal

Stopwatch: Measuring unit: 1/100 second

Measuring capacity: 59 minutes, 59.99 seconds

Measuring modes: Elapsed time, split time and two finishes

Power Supply: Solar cell and a coin type capacitor

Approximate capacitor operating time: 14 days (from full charge to stopping of watch operation) under the following conditions:

- Watch not exposed to light
- Internal timekeeping
- 20 seconds of alarm operation per day

E-19