MA1110-EA

Operation Guide 3294

CASIO®

Congratulations upon your selection of this CASIO watch.

About This Manual

- Depending on the model of your watch, display text appears either as dark figures on a light background or light figures on a dark background. All sample displays in this manual are shown using dark figures on a light background.
- Note that the product illustrations in this manual are intended for reference only, and so the actual product may appear somewhat different than depicted by an illustration.
- Button operations are indicated using the letters shown in the illustration.
- Each section of this manual provides you with the information you need to perform operations in each mode. Further details and technical information can be found in the "Reference" section.
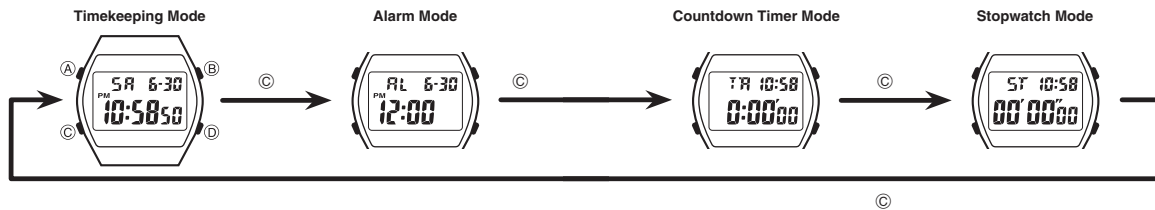
Contents
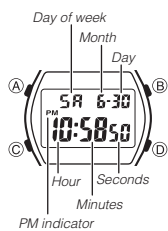
General Guide

- Press Ⓒ to change from mode to mode.
- After you perform an operation in any mode, pressing Ⓒ returns to the Timekeeping Mode.
- Press Ⓑ in any mode to illuminate the display for about two seconds.

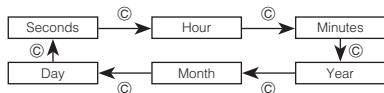**Timekeeping Mode**   **Alarm Mode**   **Countdown Timer Mode**   **Stopwatch Mode**

Timekeeping

Use the Timekeeping Mode to set and view the current time and date.

To set the time and date
1. In the Timekeeping Mode, press Ⓐ. The seconds digits will start to flash, which indicates the setting screen.
2. Press Ⓒ to move the flashing in the sequence shown below to select other settings.

Seconds → Hour → Minutes
↑   ↓
Day ← Month ← Year

3. When the setting you want to change is flashing, press Ⓓ to change it as described below.

To change this setting	Perform this button operation
Seconds	Press Ⓓ to reset to **00**.
Hour, Minutes, Year, Month, Day	Press Ⓓ to increase the setting.

- Pressing Ⓓ while the seconds are in the range of 30 to 59 resets them to **00** and adds 1 to the minutes. In the range of 00 to 29, the minutes are unchanged.
- **To toggle between the 12-hour and 24-hour formats, press Ⓑ while some digits are flashing.**

4. Press Ⓐ to exit the setting screen.
- The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.
- The year can be set in the range of 2000 to 2099.

Day of week
Month
Day
Hour
Seconds
Minutes
PM indicator

- The watch's built-in full automatic calendar automatically makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch's battery replaced.
- With the 12-hour format, the **PM** indicator appears for times in the range of noon to 11:59 p.m. and no indicator appears for times in the range of midnight to 11:59 a.m.
- With the 24-hour format, times are displayed in the range of 0:00 to 23:59, with the **24H** indicator.
- The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is applied in all other modes.

Backlight

When you switch the backlight function on, the backlight of the watch flashes whenever Alarm, Hourly Time Signal or Countdown Timer is sounding.
- Pressing Ⓑ at any time illuminates the display, regardless of the backlight's on/off setting.

To switch the backlight function on and off

Backlight function on indicator

In the Timekeeping Mode, hold down Ⓓ for about two seconds to switch the backlight function on and off. When you switch the backlight function on, an indicator appears on the display as shown.
- The backlight function on indicator remains on the display in all modes until you switch the backlight function off.
- The above operation controls operation of the backlight function only. It does not affect operation of audible tones and signals.
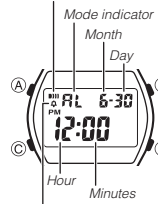
Backlight Precautions

The backlight uses an LED (light-emitting diode) and a light guide panel that cause the entire display to glow for easy reading in the dark.
In any mode, press Ⓑ to illuminate the display for about two seconds.
- The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
- The backlight automatically stops illuminating whenever an alarm sounds.
- Frequent use of the backlight shortens the battery life.

Alarm

Alarm on indicator
Mode indicator
Month
Day
Hour
Minutes
Hourly Time Signal on indicator

The multi-function alarm lets you specify the hour, minutes, month, and day for the alarm (page E-14). When the alarm is on, the alarm sounds for 20 seconds at the preset time. When the Hourly Time Signal is on, the watch beeps every hour on the hour.
- The alarm and the Hourly Time Signal sound in all modes.
- An alarm setting (and an Hourly Time Signal setting) is available in the Alarm Mode, which you enter by pressing Ⓒ (page E-6).
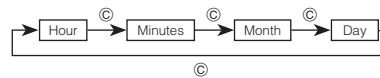
Alarm Types

The alarm type is determined by the settings you make, as described below.

- **Daily alarm**
Set the hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set.

- **Date alarm**
Set the month, day, hour and minutes for the alarm time. This type of setting causes the alarm to sound at the specific time, on the specific date you set.

- **1-Month alarm**
Set the month, hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set, only during the month you set.

- **Monthly alarm**
Set the day, hour and minutes for the alarm time. This type of setting causes the alarm to sound every month at the time you set, on the day you set.

To set the alarm time

1. In the Alarm Mode, press Ⓐ. The hour digits of the alarm time will start to flash, which indicates the setting screen.
   - This operation automatically turns on the alarm.

2. Press Ⓒ to move the flashing in the sequence shown below to select other settings.

```
   ┌──Ⓒ──►──────Ⓒ──►──────Ⓒ──►─────┐
 ►│ Hour │    │ Minutes │   │ Month │   │ Day │
   └──────────────Ⓒ──────────────────┘
```

3. While a setting is flashing, press Ⓓ to increase it.
   - To set an alarm that does not include a month (Daily alarm, Monthly alarm), set – for the month. Press Ⓓ until the – mark appears (between *12* and *1*) while month setting is flashing.

- To set an alarm that does not include a day (Daily alarm, 1-Month alarm), set – – for the day. Press Ⓓ until the – – mark appears (between the end of the month and *1*) while the day setting is flashing.
- When setting the alarm time using the 12-hour format, take care to set the time correctly as a.m. or p.m. (**PM** indicator).

4. Press Ⓐ to exit the setting screen.

To stop the alarm
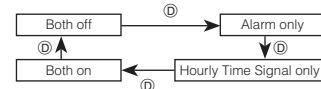Press any button to stop the alarm after it starts to sound.

To switch an alarm and Hourly Time Signal on and off
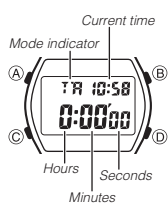
Alarm on indicator
Hourly Time Signal on indicator

Press Ⓓ while in the Alarm Mode to change the status of an alarm and Hourly Time Signal in the sequence shown below.

```
 ┌─────────────Ⓓ──────────────►┌──────────────┐
 │ Both off │                   │ Alarm only   │
 └──Ⓓ──────┘◄                   └────────Ⓓ────┘
 ┌──────────┐◄──────────────────┌──────────────────────┐
 │ Both on  │                   │ Hourly Time Signal only │
 └──────────┘        ──Ⓓ──►     └──────────────────────┘
```

- The alarm on indicator and the Hourly Time Signal on indicator are shown on the display in all modes while these functions are turned on.

Countdown Timer

Current time
Mode indicator
Hours
Seconds
Minutes

The countdown timer can be set within a range of 1 second to 24 hours. When the countdown reaches zero, an alarm sounds for 10 seconds or until you press any button.
- You can also select auto-repeat, which automatically restarts the countdown from the original value you set whenever zero is reached.
- Countdown timer functions are available in the Countdown Timer Mode, which you enter by pressing Ⓒ (page E-7).

To set the countdown start time

1. In the Countdown Timer Mode, press Ⓐ. The hours digits of the countdown start time will start to flash, which indicates the setting screen.

2. Press Ⓒ to move the flashing in the sequence shown below to select other settings.

```
   ┌───Ⓒ───►───────Ⓒ───►────────┐
 ►│ Hours │    │ Minutes │   │ Seconds │
   └──────────────Ⓒ──────────────┘
```

3. While a setting is flashing, press Ⓓ to increase it.
   - To set the starting value of the countdown time to 24 hours, set **0:00' 00**.
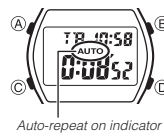
4. Press Ⓐ to exit the setting screen.

To use the countdown timer

Press Ⓓ while in the Countdown Timer Mode to start the countdown timer.

- When the end of the countdown is reached and auto-repeat is turned off, the alarm sounds for 10 seconds or until you stop it by pressing any button. The countdown time is automatically reset to its starting value after the alarm stops.
- Press Ⓓ while a countdown operation is in progress to pause it. Press Ⓓ again to resume the countdown.
- To completely stop a countdown operation, first pause it (by pressing Ⓓ), and then press Ⓐ. This returns the countdown time to its starting value.

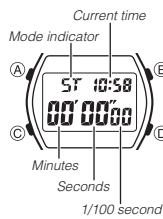### To turn auto-repeat on and off

Auto-repeat on indicator

1. In the Countdown Timer Mode, press Ⓐ. The hours digits of the countdown start time will start to flash, which indicates the setting screen.
2. Press Ⓑ to toggle auto-repeat on (**AUTO** displayed) and off (**AUTO** not displayed).
   - Note that pressing Ⓑ in the above operation also turns on the illumination.
   - When the end of the countdown is reached while auto-repeat is on, the alarm sounds, but the countdown restarts from the beginning without stopping. You can stop the countdown by pressing Ⓓ and manually reset to the start time by pressing Ⓐ.
   - The auto-repeat indicator appears in the Countdown Timer Mode only.

Stopwatch

Current time
Mode indicator
Minutes
Seconds
1/100 second

The stopwatch lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 23 hours, 59 minutes, 59 seconds.

- For the first 60 minutes, the display shows minutes, seconds, and 1/100 second. After 60 minutes, the display format changes to show hours, minutes, and seconds.
- All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing Ⓒ (page E-7).

To measure times with the stopwatch

Elapsed time

Ⓓ	Ⓓ	Ⓓ	Ⓓ	Ⓐ
Start	Stop	Re-start	Stop	Clear

Split time

Ⓓ	Ⓐ	Ⓐ	Ⓓ	Ⓐ
Start	Split (**SPL** displayed)	Split release	Stop	Clear

Two Finishes

Ⓓ	Ⓐ	Ⓓ	Ⓐ	Ⓐ
Start	Split First runner finishes. Display time of first runner.	Stop Second runner finishes.	Split release Display time of second runner.	Clear

Reference

This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

Auto return features

If you leave a screen with flashing digits for two or three minutes without performing any operation, the watch automatically saves any settings you have made up to that point and exits the setting screen.

Data and Setting Scrolling

The Ⓓ button is used to scroll through setting screen data on the display. Holding down this button during a scroll operation scrolls through the data at high speed.

Specifications

Accuracy at normal temperature: ±30 seconds a month
Timekeeping: Hour, minutes, seconds, pm (PM), month, day, the day of the week
    Time system: Switchable between 12-hour and 24-hour formats
    Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099
Alarm: Multi-function* alarm; Hourly Time Signal
    *Alarm type: Daily alarm, date alarm, 1-month alarm, monthly alarm
Countdown Timer
    Measuring unit: 1 second
    Input range: 1 second to 24 hours
    Other: Auto-repeat function
Stopwatch
    Measuring units: 1/100 second (for the first 60 minutes)
                    1 second (after 60 minutes)
    Measuring capacity: 23:59'59"
    Measuring modes: Elapsed time, split time and two finishes

Other: Backlight (light-emitting diode)
Battery: One lithium battery (Type: CR2016)
          Approximately 3 years on type CR2016 (Assuming 3.5 seconds light operation and 20 seconds alarm operation per day)
          Frequent use of the backlight shortens the battery life noted above.