Module No. 1698/1918

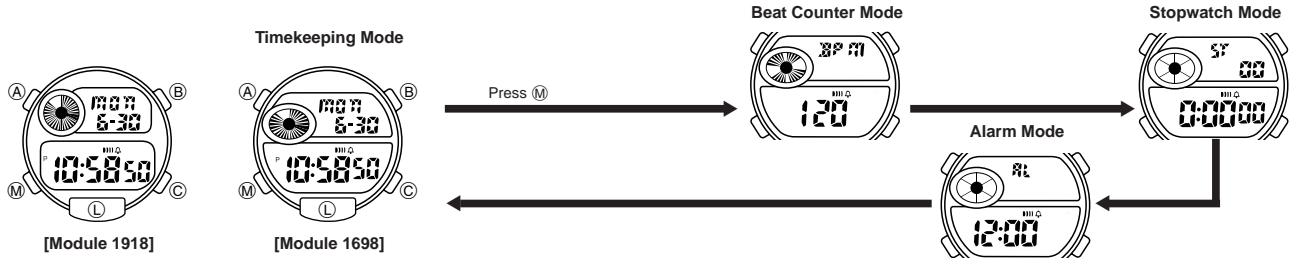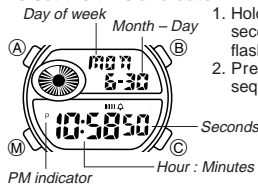## GENERAL GUIDE

- The operational procedures for Module 1698 and 1918 are identical. All of the illustrations in this manual show Module 1698.
- Press Ⓜ to change from mode to mode. Each mode is explained in detail on the following pages.

- Display text appears either as black-on-white or white-on-black, depending on the model of your watch. All sample displays in this manual are shown as black-on-white.
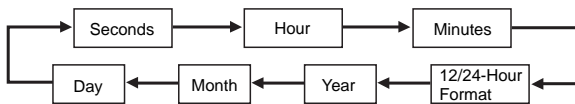
Timekeeping Mode

Press Ⓜ

Beat Counter Mode

Stopwatch Mode

Alarm Mode

[Module 1918]   [Module 1698]

TIMEKEEPING MODE

To set the time and date

Day of week
Month – Day
Seconds
Hour : Minutes
PM indicator

1. Hold down Ⓐ while in the Timekeeping Mode until the seconds digits start to flash on the display. The seconds flash because they are *selected*.
2. Press Ⓜ to change the selection in the following sequence.

Seconds → Hour → Minutes → 12/24-Hour Format → Year → Month → Day → (back to Seconds)

3. While the seconds digits are selected (flashing), press Ⓒ to reset the seconds to 00.
- If you press Ⓒ while the seconds count is in the range of 30 to 59, the seconds are reset to 00 and 1 is added to the minutes. If the seconds count is in the range of 00 to 29, the minutes count is unchanged.
4. While any other digits (besides seconds) are selected (flashing), press Ⓒ to increase the number. While the 12/24-hour setting is selected, press Ⓒ to switch between the two formats.
- Holding down Ⓒ changes the current selection at high speed.
- When the 12-hour format is selected, the 12H indicator appears on the display. With the 12-hour format, the **P** (PM) indicator appears on the display to indicate "p.m." times. There is no indicator for "a.m." times.
- Selecting the 24-hour format causes the 24H and the **24** indicators to appear on the display.
5. After you set the time and date, press Ⓐ to return to the Timekeeping Mode.
- The day of the week is automatically set in accordance with the date.
- The date can be set within the range of January 1, 1995 to December 31, 2039.
- If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the watch goes back to the Timekeeping Mode automatically.

BACKLIGHT FUNCTION

FLASH indicator

A backlight that uses an EL (electro-luminescent) panel causes the entire display to glow for easy reading in the dark. An EL alarm feature can be turned on so the backlight flashes whenever an alarm or hourly time signal sounds.
- The **FLASH** indicator is shown on the display in all modes while the EL alarm is on.

Note
- The backlight of the watch employs an electro-liminescent (EL) light, which loses illuminating power after very long use.

- The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
- The watch will emit an audible sound whenever the display is illuminated. This is caused by a transformer that vibrates when the EL panel lights up. It does not indicate malfunction of the watch.
- The backlight automatically turns off whenever an alarm sounds.

To manually turn on the backlight

Pressing Ⓛ in the Timekeeping, Stopwatch or Alarm Mode causes the backlight to turn on for about two seconds. Pressing Ⓒ in the Beat Counter Mode also causes the backlight to turn on for a fixed amount of time.
- The backlight normally stays on for about two seconds and then turns off automatically. When the EL alarm is turned on, however, the backlight stays on for about five seconds instead of two seconds.
- The above operations turn on the backlight, regardless of the current EL alarm settings.

To turn the EL alarm on and off

In the Timekeeping Mode, hold down Ⓑ for about two seconds to toggle the EL alarm on (**FLASH** indicator displayed) and off (**FLASH** indicator not displayed).
- When the EL alarm is on, the backlight flashes while the daily alarm and hourly time signal tones are sounding. Also, the backlight stays on for about five seconds instead of the normal two seconds.

BEAT COUNTER MODE

Mode indicator
BPM value

The Beat Counter Mode can be used to produce an audible signal in accordance with BPM (beats per minute) value, which is like a digital metronome that can be used for a variety of different musical applications.
- The letters "BPM" stand for "beats per minute" in this manual.
- Any time you enter the Beat Counter Mode, the last BPM value you set appears on the display.
- If you do not operate any button for one hour while in the Beat Counter Mode, the watch automatically goes back to the Timekeeping Mode.

To play the beat signal

In the Beat Counter Mode, press Ⓑ to start a digital beat signal that sounds at the speed indicated by the BPM value. The higher the BPM value, the faster the beat.
- The digital beat signal sounds for one minute or until you press any button to stop it.

Setting the BPM value

There are two ways you can set the BPM value: by counting beats of some music or rhythm, or by manually inputting a value.

To count beats
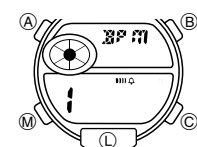
1. In the Beat Counter Mode, press Ⓛ six times in accordance with the beat of the music or rhythm.
- Each time you press Ⓛ, the number on the display changes in the following sequence:
  $1 \rightarrow 2 \rightarrow 3 \rightarrow 4 \rightarrow 0$
2. After you press Ⓛ the sixth time, the watch calculates an average number of beats per minute and sets the applicable BPM value.

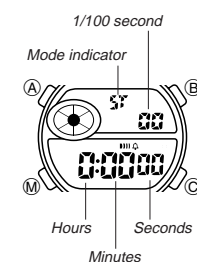- Note that you must press Ⓛ all six times for this procedure to work correctly.
- If you do not press Ⓛ within about three seconds after you last pressed it, the watch automatically cancels the beat count procedure.
- The above procedure sets a value in the range of 60 to 200 beats, in 5-beat steps.
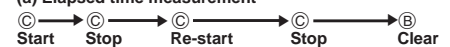
To manually input a value

1. In the Beat Counter Mode, hold down Ⓐ until the BPM values starts to flash.
2. Press Ⓒ to increase the BPM value in units of 5 or Ⓑ to decrease it. Holding down either button changes the setting at high speed.
- You can set the BPM value within a range of 60 to 200.
- Pressing Ⓑ and Ⓒ at the same time changes the BPM value to its standard setting of 120.
3. After you input the BPM value, press Ⓐ to return to the normal Beat Counter Mode screen.

STOPWATCH MODE
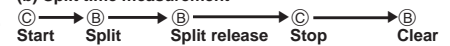
1/100 second
Mode indicator
Hours
Seconds
Minutes

The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 23 hours, 59 minutes, 59.99 seconds.
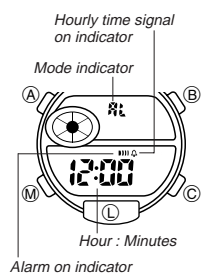
(a) Elapsed time measurement

Ⓒ	Ⓒ	Ⓒ	Ⓒ	Ⓑ
Start	Stop	Re-start	Stop	Clear

(b) Split time measurement

Ⓒ	Ⓑ	Ⓑ	Ⓒ	Ⓑ
Start	Split	Split release	Stop	Clear

(c) Split time and 1st-2nd place times

Ⓒ	Ⓑ	Ⓒ	Ⓑ	Ⓑ
Start	Split	Stop	Split release	Clear
	First runner finishes.	Second runner finishes. Record time of first runner.	Record time of second runner.	

ALARM MODE

Hourly time signal on indicator

Mode indicator

Ⓐ Ⓑ

Ⓜ Ⓒ

Ⓛ

Hour : Minutes

Alarm on indicator

When the Daily Alarm is turned on, the alarm sounds for 20 seconds at the preset time each day. Press any button to stop the alarm after it starts to sound.
When the Hourly Time Signal is turned on, the watch beeps every hour on the hour.

To set the alarm time
1. Hold down Ⓐ while in the Alarm Mode until the hour digits start to flash on the display. The hour digits flash because they are *selected*.
• This operation automatically turns on the Daily Alarm.
2. Press Ⓜ to change the selection in the following sequence.

Hour	⟷	Minutes

3. Press Ⓒ to increase the selected digits. Holding down Ⓒ increases the selection 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 a.m. (no indicator) or p.m. (**P** indicator).
4. After you set the alarm time, press Ⓐ to return to the Alarm Mode.

To turn the Daily Alarm and Hourly Time Signal on and off
Press Ⓑ while in the Alarm Mode to change the status of the Daily Alarm and Hourly Time Signal in the following sequence.

[Alarm On Indicator/Hourly Time Signal On Indicator]

Both ON	Both OFF	Daily Alarm Only	Hourly Time Signal Only
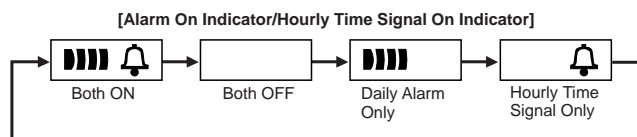
To test the alarm
Hold down Ⓒ while in the Alarm Mode to sound the alarm.