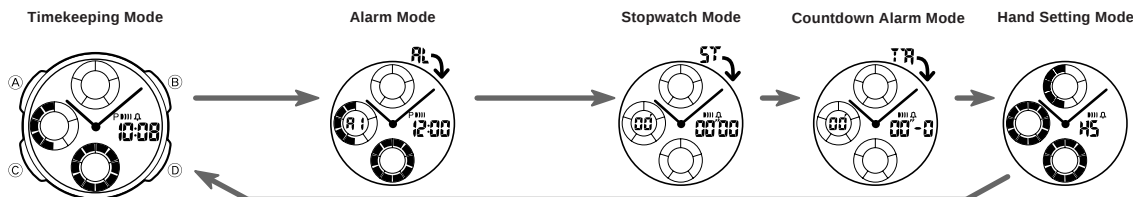


2. OPERATION CHART: QW-1700

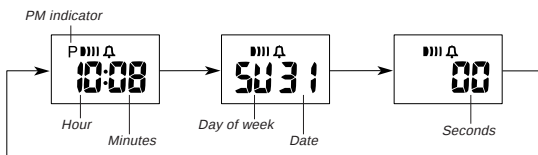
GENERAL GUIDE

- Press **C** to change from mode to mode. After you perform an operation in any mode, pressing **C** returns to the Timekeeping Mode.
- In any mode (except when making settings) press **B** to illuminate the digital display for about two seconds.



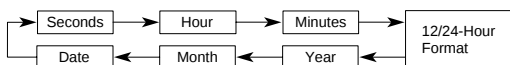
TIMEKEEPING MODE

- Press **D** to change the display format in the Timekeeping Mode as shown below.



To set the digital time and date

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



3. While the seconds digits are selected (flashing), press **D** to reset the seconds to 00. If you press **D** 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 (beside seconds) are selected (flashing), press **D** to increase the number or **B** to decrease it. While the 12/24-hour format setting is selected, press **D** to toggle it between 12 and 24.
 - Except for when adjusting the seconds or setting the 12/24-hour format, holding down a button changes the current selection at high speed.
 - When the 12-hour format is selected, the indicator **P** appears on the display to indicate "P.M." times. There is no indicator for "A.M." times.
5. After you set the time and date, press **A** 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.

About the Backlight

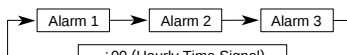
- In any mode (except when making settings) press **B** to illuminate the digital display for about two seconds.
- The backlight automatically turns off whenever an alarm sounds.
 - The backlight of the watch employs an electro-luminescent (EL) panel, which loses illuminating power after very long use.
 - 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 transistor that vibrates when the EL panel lights up. It does not indicate malfunction of the watch.

ALARM MODE

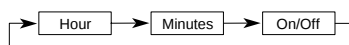
- Three independent daily alarms can be set. Each alarm lets you set the hour and minutes. When the Daily Alarm is on, the alarm sounds for 20 seconds at the preset time each day. Press any button to stop the alarm after it starts to sound. When the Hourly Time Signal is on, the watch beeps every hour on the hour.
- If you do not operate any button for a few minutes while in the Alarm Mode, the watch goes back to the Timekeeping Mode automatically.

To set the alarm time

1. Press **D** while in the Alarm Mode to select Alarm 1 through Alarm 3.



2. Hold down **A** until the hour digits start to flash on the display. The hour digits flash because they are selected.
 - This operation will switch the Daily Alarm on automatically.
3. Press **C** to change the selection in the following sequence.



4. While the hour or minutes digits are selected (flashing) press **D** to increase the number or **B** to decrease it. Holding down either button changes the current selection at high speed.
- While the On/Off setting is selected, press **D** to switch the alarm on (■■■■ indicator appears) and off (no indicator).
- 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 (no indicator) or afternoon (**P**).
5. After you set the alarm time, press **A** to return to the Alarm Mode.
 - The alarm on indicator (■■■■) is shown on the display in all modes when any alarm is on.
 - 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 Alarm Mode automatically.

To switch the hourly time signal on and off

1. In the Alarm Mode, press **D** to select the Hourly Time Signal.
2. Hold down **A** until the 00 digits start to flash on the display.
 - This operation will switch the Hourly Time Signal on automatically.
3. Press **D** to switch the Hourly Time Signal on (▲ indicator appears) and off (no indicator).
4. Press **A** to return to the Alarm Mode.
 - The Hourly Signal on indicator (▲) is shown on the display in all modes when the Hourly Time Signal is on.

To change the alarm sound

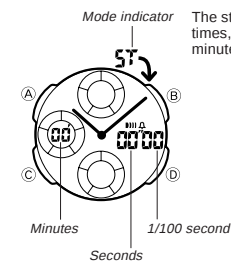
- You can select from among four different alarm sounds. The alarm sound you select is used for the Daily Alarms, Hourly Time Signal and Countdown Alarm.
1. Hold down **D** while in the Alarm Mode to change the alarm sound.
 - Note that pressing **D** also change the alarm number.

To test the alarm sound

- Hold down **D** while in the Timekeeping Mode to sound the alarm.
- Note that pressing **D** also change the display format.

STOPWATCH MODE

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



Elapsed time measurement



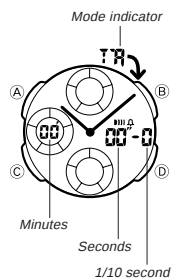
Split time measurement



Split time and 1st-2nd place times



COUNTDOWN ALARM MODE

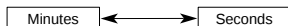


The countdown timer can be set within a range of 1 second to 60 minutes. When the countdown reaches zero, an alarm sounds for 10 seconds or until you press any button.

- If you do not operate any button for a few minutes while in the Countdown Alarm Mode, the watch goes back to the Timekeeping Mode automatically, unless a countdown operation is in progress.

To set the countdown start time

1. Hold down (A) while in the Countdown Alarm Mode. The minutes digits flash on the display because they are *selected*.
2. Press (C) to change the selection in the following sequence.

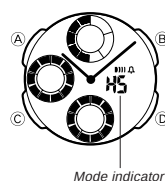


3. Press (D) to increase the selected number or (B) to decrease it. Holding down either button changes the selection at high speed.
- To set the starting value of the countdown time to 60 minutes, set 00' 00".
4. After you set the countdown start time, press (A) to return to the Countdown Alarm Mode.
- 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 Countdown Alarm Mode automatically.

To use the countdown timer

1. Press (D) while in the Countdown Alarm Mode to start the countdown timer.
2. Press (D) again to stop the countdown timer.
- You can resume countdown timer operation by pressing (D).
3. Stop the timer and then press (A) to reset the countdown time to its starting value.

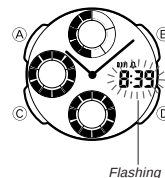
HAND SETTING MODE



When the time shown on the display does not match the analog setting, use this mode to correct the analog setting.

- If you do not operate any button for a few minutes while in the Hand Setting Mode, the watch goes back to the Timekeeping Mode automatically.

To set the analog time



1. Hold down (A) while in the Hand Setting Mode until the digital time (hour and minutes) starts to flash on the display.
- The following step changes the hands of the analog timepiece without changing the flashing digital time.
2. Press (D) to advance the hand setting of the analog timepiece. Holding down (D) changes the hand setting at high speed.
3. After you set the analog time, press (A) to return to the Hand Setting Mode.
- 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 Hand Setting Mode automatically.