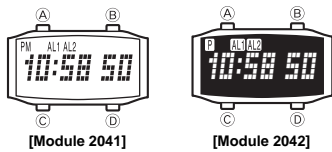


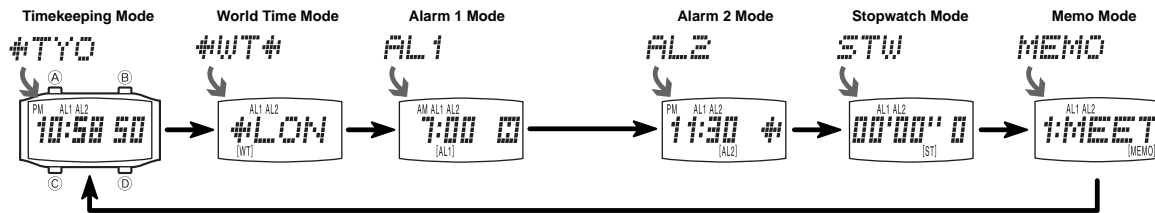
ABOUT THIS MANUAL



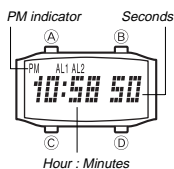
- The operational procedures for Modules 2041 and 2042 are identical. All of the illustrations in this manual show Module 2041.
- Button operations are indicated using the letters shown in the illustration.
- Each section of this manual provides you with the information you need to perform operations in each mode. Further details and technical information can be found in the "REFERENCE" section.

GENERAL GUIDE

- If the digital display of your watch is continually changing, see "Auto Display Function" for information on how to stop it.
- Press (D) to change from mode to mode.
- When you return to the Timekeeping Mode from another mode, the Home City code appears first, followed after a few seconds by the current time. See "TIMEKEEPING MODE" for details.
- In any mode, press (A) to illuminate the display.



TIMEKEEPING MODE

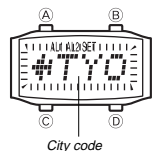


In addition to normal timekeeping, use the Timekeeping Mode to set the current time and date.

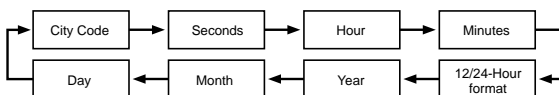
Setting the Current Time

- Use the following procedure to select a city (city code) as your Home City, and then set its time and date. You can also specify whether you prefer to use 12-hour or 24-hour timekeeping for all screens that show times.
- Changing the city code setting usually changes the time setting and sometimes changes the date setting. Because of this, you should select your Home City before setting time and date.
 - Once you select a Home City and set its time, you can view the current time in other cities by simply changing the city code setting.

To set the current time



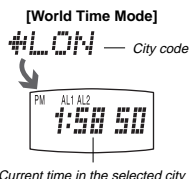
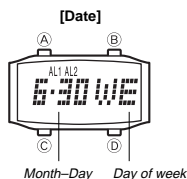
1. In the Timekeeping Mode, hold down (C) until the city code starts to flash on the display. The city code flashes because it is selected.
2. Use (A) and (B) to scroll through the city codes until the one you want to set as your Home City.
- (B) scrolls forward, while (A) scrolls back through city codes.
- See the "CITY CODE TABLE" at the back of this manual for a complete list of available codes.
3. Press (D) to move the flashing in the sequence shown below to select other settings.



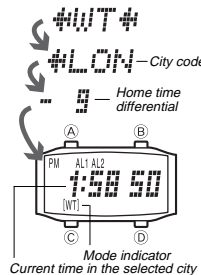
4. Press (D) until the seconds digits are flashing on the display.
5. While the seconds digits are selected (flashing), press (B) to reset the seconds to 00.
- Pressing (B) while the seconds count is in the range of 30 to 59 resets the seconds to 00 and adds 1 to the minutes. If the seconds count is in the range of 00 to 29, the minutes count is unchanged.
6. Press (D) until the hour digits are flashing on the display.
7. Press (B) increase the setting or (A) to decrease it.
8. Repeat steps 6 and 7 to set the minutes, year, month, and day.
- When the 12/24-hour setting is selected, press (B) to toggle between 12-hour (12H) and 24-hour (24H) timekeeping.
9. After you make the settings you want, press (C) to return to the current time screen.

Viewing the Current Date and World Time Mode Screens

In the Timekeeping Mode, press (C) to display the current date screen, and (B) to display the World Time Mode screen. The screen you select remains on the display for a few seconds, and then the watch returns to the current time.



WORLD TIME MODE



The World Time Mode shows the current time in 40 cities around the world.

- For full information on city codes, see the "CITY CODE TABLE" at the back of this manual.
- The home time differential shows the difference between the time in your Home City (city that is selected in the Timekeeping Mode) and the currently displayed World Time city.
- The city code that is displayed when you leave the World Time Mode will still be displayed when you enter the World Time Mode again.
- Pressing (A) in the World Time Mode turns on the backlight and momentarily displays the city code and home time differential.

Viewing the Time in Another City

- In the World Time Mode, press (B) to scroll forward through the city codes.
- If you leave a city code on the display for a few seconds, the contents of the display change to show the home time differential and current time.
 - If the currently selected city code is also the Home City, the indicator HOME appears above the current time.

Making a City Your Home City

1. In the World Time Mode, display the city codes that you want to make your Home City.
2. To make the displayed city your Home City, hold down (C) for about one second until the HOME indicator appears.
- The time displayed in the Timekeeping Mode changes in accordance with the city you select with the above procedure.

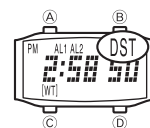
Daylight Saving Time (DST)

Daylight Saving Time automatically advances the time setting by one hour from Standard Time. A number of the city codes automatically switch between standard time and daylight saving time on specific dates. Other city codes can be switched manually.

- See "Standard Time/Daylight Saving Time Auto Switching" for details on which city codes switch automatically and the dates they are preset to switch.

To switch between Standard Time and Daylight Saving Time manually

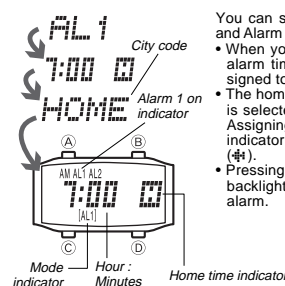
1. In the World Time Mode, display the city code whose standard time/daylight saving time setting you want to change.
2. Press (A) and (C) simultaneously to toggle between daylight saving time (DST displayed) and standard time (DST not displayed).
- The DST indicator appears whenever daylight saving time is selected for the city code whose time is currently on the display.



ALARM MODES

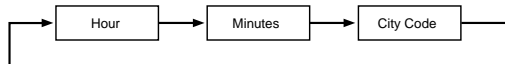
You can set up to two daily alarms named Alarm 1 and Alarm 2, and even specify a city code for the alarm.

- When you enter the Alarm 1 or Alarm 2 Mode, the alarm time setting and the city code currently assigned to that alarm appear on the display.
- The home time indicator (HOM) appears when HOME is selected as the city code assigned to the alarm. Assigning any other city code causes the home time indicator to be replaced by the world time indicator (#).
- Pressing (A) in the Alarm 1 or 2 Mode turns on the backlight and displays the city code assigned to the alarm.



Setting the Alarm Time

- In the Alarm 1 or Alarm 2 Mode, hold down **(C)** 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.
- Press **(D)** to move the flashing in the sequence shown below to select other setting.



- While any setting is selected (flashing), press **(B)** to increase the setting or **(A)** to decrease it.
 - Select **HOME** for the City Code setting if you want the alarm to operate in accordance with your Home City. **HOME** ensures that the alarm always sounds in accordance with your home city time, even if you change to a different home city.
 - You can also select a city code for the City Code setting. When you do, the alarm sounds in accordance with the current time in that city.
 - See the "CITY CODE TABLE" at the back of this manual for a complete list of available codes.
 - When setting the alarm time using the 12-hour format, take care to set the time correctly as a.m. or p.m.
- After the alarm time is the way you want it, press **(C)** to return to the initial Alarm Mode screen (Alarm 1 or Alarm 2 Mode).

Daily Alarm Operation

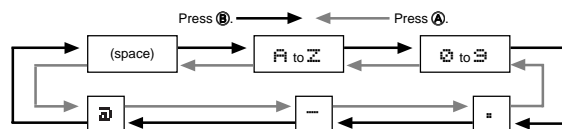
The alarm sounds at the preset time each day for about 20 seconds, or until you stop it by pressing any button. Note that the sound for Alarm 1 is different from that for Alarm 2.

To test the alarm

In the Alarm 1 or Alarm 2 Mode, hold down **(B)** to sound the alarm.

Turning the Daily Alarm On and Off

- Enter the mode for the alarm (Alarm 1 or Alarm 2 Mode) you want to turn on or off.
- Press **(B)** to toggle on (alarm on indicator displayed) and off (alarm on indicator not displayed).
 - The **AL1** indicator indicates that Alarm 1 is on, while **AL2** indicates Alarm 2 is on.
 - Alarm on indicators are displayed in all modes.



- When the character you want is at the cursor position, press **(D)** to move the cursor to the right.
- Repeat the steps 3 and 4 until your text is complete.
 - You can input up to 32 characters for the memo text.
- After inputting your data, press **(C)** to store it and return to the memo text screen (without the cursor).

Recalling a Memo Text

In the Memo Mode, press **(B)** to scroll through stored memo text.

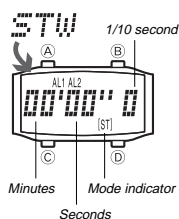
Editing Memo Text

- In the Memo Mode, scroll through the memo text and display the one you want to edit.
- Hold down **(C)** until the flashing cursor appears on the display.
- Use **(D)** to move the cursor to the character you want to change.
- Use **(A)** and **(B)** to change the character.
 - For details on inputting characters, see "Inputting New Memo Text".
- After making the changes, press **(C)** to store them and return to the memo text screen (without the cursor).

Deleting Memo Text

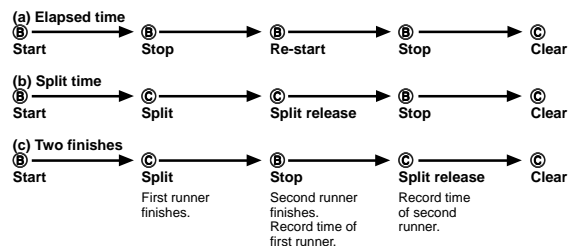
- In the Memo Mode, scroll through the memo text and display the one you want to delete.
- Hold down **(C)** until the flashing cursor appears on the display.
- Hold down **(A)** and **(B)** at the same time until the message **CLF** (clear) appears on the display to delete the text.
 - After the text is deleted, the flashing cursor appears on the display.
 - Input memo text or press **(C)** to return to the memo text screen (without the cursor).
 - Whenever you delete memo text, any memos following it are renumbered accordingly. If you have memos numbered 1 through 5 and delete memo number 3, for example, the remaining memos are renumbered so 4 becomes 3 and 5 becomes 4.

STOPWATCH MODE

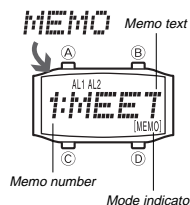


The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch 23 hour, 59 minutes, 59 seconds.

- For the first 60 minutes, the screen shows minutes, seconds, and 1/10 second (11:11.111). After 60 minutes, the screen format changes to show hours, minutes, and seconds (12:11:11).



MEMO MODE



The Memo Mode lets you input up to 15 memos for instant recall when you need them.

- Memos are numbered from 1 to 15, and are stored in sequential order starting from 1. There cannot be a blank memo number between two memo numbers that contain data.
- Any memo text longer than three characters automatically scrolls from right to left on the display.
- The memo text on the display when you exit the Memo Mode appears first the next time you enter the Memo Mode.

Inputting New Memo Text

- In the Memo Mode, use **(B)** to scroll through memos until you find one that is blank (does not contain any text).
 - If the message **FULL** appears on the display, it means that memory is full.
- Hold down **(C)** until the flashing cursor appears on the display.
- Use **(A)** and **(B)** to scroll through the available letters, numbers, and symbols in the following sequence.

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 Feature

- After you perform an operation in any mode, pressing **(D)** returns to the Timekeeping Mode.
- If you leave a screen with flashing digits or cursor on the display for two or three minutes without performing any operation, the watch automatically saves anything you have input up to that point and exits the setting screen.

Data and Setting Scrolling

The **(A)** and **(B)** buttons are used in various modes and screens to scroll through available settings on the display. In most cases, holding down these buttons scrolls at high speed.

12-hour/24-hour Timekeeping Format

- The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is also applied in the World Time, Alarm 1, and Alarm 2 Modes.
- When 12-hour format is selected, the **PM** (Module 2041) or **P** (Module 2042) appears on the display to indicate "p.m." times and the **AM** (Module 2041) or **A** (Module 2042) appears on the display to indicate "a.m." times.
 - AM/PM indicators are not displayed when you are using 24-hour format.

Backlight Precautions

- The backlight use an EL (electro-luminescent) panel that causes the entire display to glow for easy reading in the dark. In any mode (except when making settings), press **(A)** to illuminate the display.
- The backlight remains lit for about one second in the Timekeeping, Stopwatch, and Memo Modes, and for about three seconds in other modes (World Time, Alarm 1, and Alarm 2 Modes).
 - The electro-luminescent panel loses illuminating power after very long use.
 - The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
 - The portion of the display illuminated by the backlight depends on the watch model. With some models, smaller indicators may not be made visible by backlight illumination.
 - The watch will emit an audible sound whenever the display is illuminated. It does not indicate malfunction of the watch.
 - The backlight automatically turns off whenever an alarm sounds.

Timekeeping Mode Notes

- The day of the week is automatically displayed in accordance with the year, month, and day settings.
- The year can be set in the range of 1995 to 2039.
- The watch's built-in full automatic calendar automatically make allowances for different months lengths and leap years. Once you set the date (year, month, day), there should be no reason to change it except after the replacement of the watch's battery.
- Standard Time/Daylight Saving Time settings for your Home City can be made in the World Time Mode. See "WORLD TIME MODE" for details.

World Time Mode Notes

- The current time in all the World Time Mode cities is calculated in accordance with the Greenwich Mean Time (GMT) differential for each city, based on the current Home City time setting in the Timekeeping Mode.
- GMT differential is calculated by this watch based on Universal Time Coordinated (UTC) data.
- The seconds count of the World Time is synchronized with the seconds count of the Timekeeping Mode.

Standard Time/Daylight Saving Time Auto Switching

The table below shows the cities that switch automatically between Standard Time and Daylight Saving Time (DST). It also includes information about when the switch is made.

- In the case of the **LCH** (London) city code, for example, hours change in the sequence Midnight (12:59) → 2:00AM → 3:00AM on the applicable date in March (DST), and 1:00AM (1:59) → 1:00AM → 2:00AM on the applicable date in October (Standard Time).

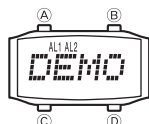
City Code	DST	Standard Time
LON	Last Sunday in March 1:00AM	Last Sunday in October 2:00AM
PAR, MIL, ROM, BER	Last Sunday in March 2:00AM	Last Sunday in October 3:00AM
IST	Last Sunday in March 3:00AM	Last Sunday in October 4:00AM
MOW	Last Sunday in March 4:00AM	Last Sunday in October 5:00AM
ADL, SYD	Last Sunday in October 2:00AM	Last Sunday in March 2:00AM
WLG	First Sunday in October 2:00AM	3rd Sunday in March 2:00AM
ANC, LAX, SFO, YVR, DEN, CHI, MEX, NYC, MIA	First Sunday in April 2:00AM	Last Sunday in October 2:00AM
RIO	First Sunday in October 2:00AM	First Sunday on/after February 11 2:00AM

Based on data as of June 1998.

Important!

- DST is Standard Time plus one hour.
- If your Home City is one of the auto switching city codes in the above table, you should avoid changing the current time setting one hour before or after a DST/Standard Time switching operation is scheduled to be performed.
- For city codes that are not included in the above list, you need to perform the procedure under "To switch between Standard Time and Daylight Saving Time manually" to switch manually between DST and Standard Time.
- Automatic switching between DST and Standard Time is always performed for the above listed city codes, regardless of whether you have changed the DST/Standard Time setting manually.
- While Daylight Saving Time is turned on, the DST indicator appears on the display in any mode whose operation uses City Codes (Timekeeping, World Time, Alarm 1, Alarm 2).
- Legislation and policies concerning DST/Standard Time switching are subject to change by local governments. Since the auto switching operations performed by this watch are fixed, any changes in your local area will require you to perform manual operations to compensate.

Auto Display Function



The Auto Display function of this watch continually changes the contents of the digital display. Note that you cannot use any of the watch's other functions (except for backlight) while the Auto Display function is operating.

Turning the Auto Display Off

Hold down **B** for about two seconds until the watch beeps.

Turning the Auto Display On

Hold down **D** for about two seconds until the watch beeps.

- Note that the Auto Display function cannot be performed while you are making settings.

CITY CODE TABLE

City Code	City	Other major cities in same time zone
PPG	PAGO PAGO	
HNL	HONOLULU	PAPEETE
ANC	ANCHORAGE	NOME
LAX	LOS ANGELES	LAS VEGAS, SEATTLE, DAWSON CITY
SFO	SAN FRANCISCO	
YVR	VANCOUVER	
DEN	DENVER	EL PASO, EDMONTON
CHI	CHICAGO	HOUSTON, DALLAS/FORT WORTH, NEW ORLEANS, WINNIPEG
MEX	MEXICO CITY	
NYC	NEW YORK	MONTREAL, DETROIT, BOSTON, PANAMA CITY, HAVANA,
MIA	MIAMI	LIMA, BOGOTA
CCS	CARACAS	LA PAZ, SANTIAGO, PORT OF SPAIN
DXB	DUBAI	ABU DHABI, MUSCAT
KBL	KABUL	
KHI	KARACHI	
DEL	DELHI	MUMBAI, CALCUTTA
DAC	DHAKA	COLOMBO
RGN	YANGON	
BKK	BANGKOK	JAKARTA, PHNOM PENH, HANOI, VIENTIANE
HKG	HONG KONG	KUALA LUMPUR, BEIJING, TAIPEI, MANILA, PERTH, ULAANBAATAR
SIN	SINGAPORE	
TYO	TOKYO	PYONGYANG
SEL	SEOUL	
ADL	ADELAIDE	DARWIN
RIO	RIO DE JANEIRO	SAO PAULO, BUENOS AIRES, BRASILIA, MONTEVIDEO
GMT		DUBLIN, LISBON, CASABLANCA, DAKAR, ABIDJAN
LON	LONDON	
PAR	PARIS	MADRID, AMSTERDAM, ALGIERS, HAMBURG,
MIL	MILAN	FRANKFURT, VIENNA, STOCKHOLM
ROM	ROME	
BER	BERLIN	
IST	ISTANBUL	ATHENS, HELSINKI, BEIRUT, DAMASCUS,
JRS	JERUSALEM	CAPE TOWN
CAI	CAIRO	
MOW	MOSCOW	KUWAIT, RIYADH, ADEN, ADDIS ABABA, NAIROBI
JED	JEDDAH	
THR	TEHRAN	SHIRAZ
SYD	SYDNEY	MELBOURNE, RABAUL
GUM	GUAM	
NOU	NOUMEA	PORT VILA
WLG	WELLINGTON	CHRISTCHURCH, NADI, NAURU ISLAND

Based on data as of June 1998.