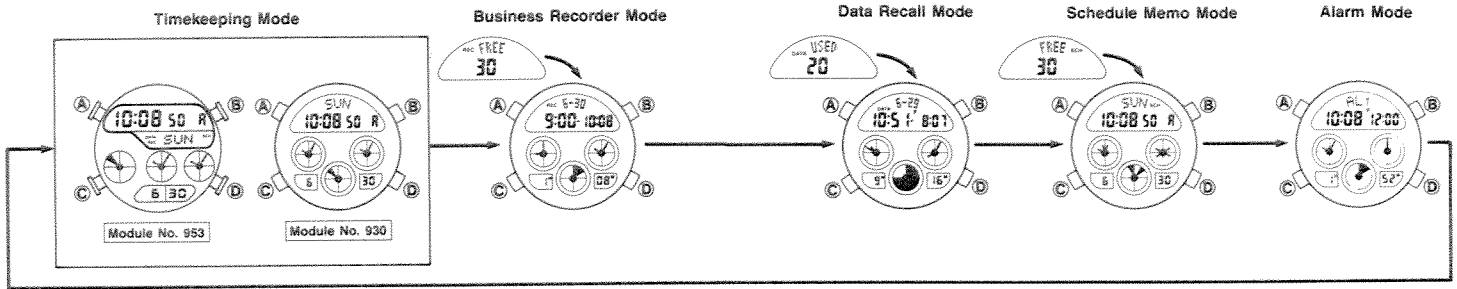


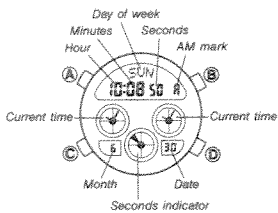
Module No. 930/953

GENERAL GUIDE

- Press **(C)** to change from mode to mode. Each mode is explained in detail on the following.



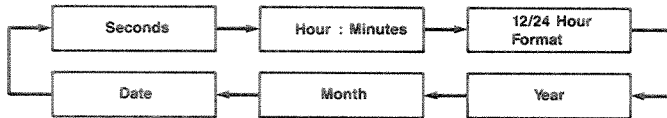
TIMEKEEPING MODE



Besides normal timekeeping, this mode also includes a timer that tells you how long time has passed from a certain point. You can use this timer to keep track of how long your car has been parked somewhere, how long you have been waiting, etc.

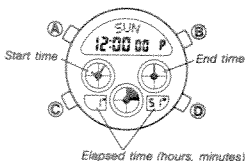
To set the time and date

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



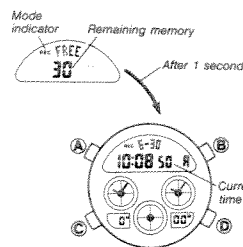
3. While the seconds digits are selected (flashing), press **(D)** to reset them to "00". If you press **(D)** while the seconds count is in the range of 30 to 59, it is reset to "00" and 1 is added to the minutes. If the seconds count is in the range of 00 to 29, the minutes count is unchanged.
 4. While any other digits (besides seconds) are selected (flashing), press **(D)** to increase the number or **(B)** to decrease it. Holding down either button changes the current selection at high speed. While the 12/24-hour setting is selected, press **(D)** to switch between the two formats.
 5. After you make your settings, 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, 1990 to December 31, 2029.
 - 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.

To use the timer



1. While in the Timekeeping Mode, hold down **(D)** until the watch emits a short beep, indicating the start of timer operation. The month display changes to show the elapsed hours while the date display shows the elapsed minutes. The Seconds Indicator shows the counting of seconds by the timer.
2. To stop timer operation, hold down **(D)** until the watch emits a long beep.
 - You can continue timer operation by pressing **(D)** again.
3. To clear the timer display and return to the Timekeeping Mode display, stop timer operation and then press **(B)**. This operation also clears the timer data from memory.
 - Timer operation continues even if you change from the Timekeeping Mode to another mode.
 - The timer records time up to 23 hours 59 minutes. At 24 hours, the timer restarts from 0:00.

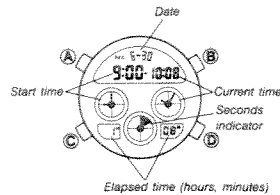
BUSINESS RECORDER MODE



With the Business Recorder Mode, you can keep track of the amount of time you spend on specific jobs. The Business Recorder Mode can store up to 60 sets of time data*, each set including the date, start time, end time, and elapsed time. The data can be recalled later and is retained until you clear it (see Data Recall Mode).

- Memory is shared with the Schedule Memo Mode. This means that the maximum number of Business Recorder Mode data sets that can be stored is reduced by one each time you store Schedule Memo data.

To use the Business Recorder



1. While in the Business Recorder Mode, hold down **(D)** until the watch emits a short beep, indicating the start of Business Recorder operation. The date, start time, end time, and elapsed time for the current set of data appear on the display.
2. To stop Business Recorder operation, hold down **(D)** until the watch emits a long beep. At this time, the data is automatically stored in memory.
 - You can continue Business Recorder operation by pressing **(D)** again.
3. To return to the current time display, stop Business Recorder operation and then press **(B)**.
 - If the message "FULL" appears on the display, it means that memory is full. To store more data, you will have to first delete some of the data stored in memory. See "To delete data" for details.
 - Business Recorder time measurement restarts from 0:00 whenever it reaches 24 hours. This means that 1 hour, 25 hours, 49 hours, and 73 hours are all displayed as 1:00. The error message "E" on the display indicates that the time shown is the result of a Business Recorder operation that has exceeded 24 hours at least once.

Important

Never change the current time setting while the Business Recorder is operating. Doing so will cause incorrect data to be stored by the Business Recorder.

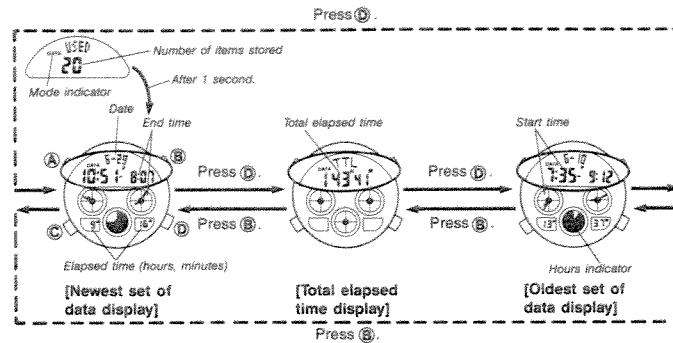
DATA RECALL MODE

The Data Recall Mode lets you recall and delete Business Recorder data. You can delete specific sets of data or all data stored in memory.

To recall data

While in the Data Recall Mode, use **(B)** and **(D)** to display data items as illustrated below.

- The error indicator "E" appears on the display for any set of data whose time exceeds 24 hours. Times that exceed 24 hours are not added to the total elapsed time.



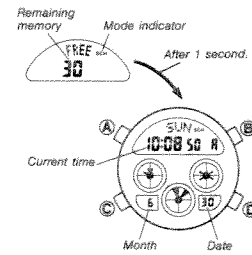
To delete specific sets of data

- Use **(B)** and **(D)** to display the data you want to delete.
- Hold down **(A)** until the watch beeps, indicating that the data is deleted.

To delete all data

- Use **(B)** and **(D)** to display the total elapsed time.
- Hold down **(A)** until the watch beeps, indicating that all data is deleted.

SCHEDULE MEMO MODE



With the Schedule Memo Mode, you can program up to 60 memos, each of which consists of a message, month, date, and time. When a Schedule Memo date and time are reached, the message appears on the display and an alarm sounds. Use this mode as a handy reminder for appointments, birthdays, etc.

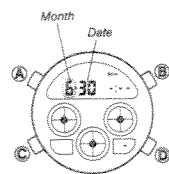
- Memory is shared with the Business Recorder Mode. This means that the maximum number of Schedule Memo Mode data sets that can be stored is reduced by one each time you store Business Recorder data.

- Once an alarm starts to sound, you can switch it off by pressing any button.
- The alarm does not sound if a preset time is reached while you are making any settings.
- The Schedule Memo message appears only while the watch is in the Timekeeping Mode or Schedule Memo Mode; it does not appear in other modes.

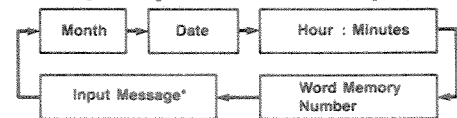
About Schedule Mode memory

Schedule Mode data items are automatically sorted into chronological order. Except for items programmed with the word memory "BIRTH" in their message, the previous week's Schedule Mode items are cleared automatically when the day of the week changes from Saturday to Sunday. You can also manually clear Schedule Mode items using the procedure noted under "To delete specific Schedule Memo items."

To create a new Schedule Memo item



- While the current time is displayed in the Schedule Memo Mode, hold down **(A)** until the display changes to a date display with the month digit flashing. The month flashes because it is selected.
- Press **(C)** to change the selection in the following sequence.



- There are 8 spaces in the message, so you have to press **(C)** 8 times to move to the Month setting.

- While the month, date, or time 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.

Important

- Schedule Mode data is not stored in memory unless you program the date.
- Input a message using the procedures described in "About Schedule Mode messages." You can skip this step if you do not wish to program a message.
 - After you program the Schedule Mode item, press **(A)** to move on to the next item.
 - Either program the next item or press **(A)** again to return to the Schedule Memo Mode display.
 - If the message "FULL" appears on the display, it means that memory is full. To store more data, you will have to first delete some of the data stored in memory. See "To delete specific Schedule Memo items" for details.

About Schedule Mode messages

Schedule Mode messages can be up to 16 characters long. The display can show only 3 characters at a time, so longer messages scroll from left to right on the display. The following are the three techniques you can use to input Schedule Mode messages.

Important

The following describes 3 methods that you can use to input Schedule Memo messages. Note that the method you use affects memory capacity. Note the following.

- If you use word memory input only for all messages, the full maximum capacity of 60 items is available.
- If you use character input, whether alone or in combination with word memory input, each item takes up 2 items worth of memory. This means that if you use character input for all items, maximum memory capacity is only 30 items.

To input a Schedule Mode message using word memory input only

Message display



Word memory number display

- While the word memory number is flashing (see "To create a new Schedule Memo item"), use **(D)** and **(B)** to scroll through the 10 word memories. As the word memory number changes, the text assigned to each memory appears on the message display. The following shows word memory contents.

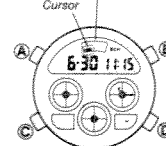
No.	Message	No.	Message
—	(No word memory message)	6	(programmable)
1	APPT (appointment)	7	(programmable)
2	MEETING	8	(programmable)
3	TEL (telephone)	9	(programmable)
4	TRAVEL	10	(programmable)
5	BIRTH (birthday)		

For details on programming messages 6 through 10, see "To program the word memory."

- When the word memory you want is displayed, press **(C)** to advance to the next setting.

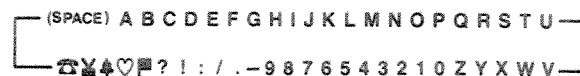
To input a Schedule Mode message using character input only

Message display



- Make sure that "—" is selected in the word memory number display.
- While the cursor is flashing in the input message display (see "To create a new Schedule Memo item"), use **(D)** and **(B)** to scroll through the available letters, numbers, and symbols. The following shows the available characters.

Press **(D)** → ← Press **(B)**



- When the character you want at the current cursor position is shown, press **(C)** to advance the cursor to the right.
- Repeat steps 2 and 3 until your message is complete.

To input a Schedule Mode message using word memory and character input

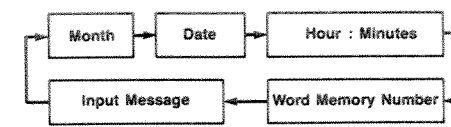
- While the word memory number is flashing (see "To create a new Schedule Memo item"), use **(D)** and **(B)** to select a word memory.
- When the word memory you want is displayed, press **(C)** to advance to the input message display. Input a message using character input.
- The message you input using this procedure will be made up of the word memory input followed by your character input.

To recall Schedule Mode items

While in the Schedule Memo Mode, use **(B)** to scroll back through data items and **(D)** to scroll forward.

To edit Schedule Mode items

- Recall the Schedule Mode item you want to edit.
- Hold down **(A)** until the month digit of the displayed data item starts to flash. The month flashes because it is selected.
- Press **(C)** to change the selection in the following sequence.



- Use the same procedures described under "To create a new Schedule Memo item" to make changes. If your message contains an entry from the word memory, you can delete the word memory entry by selecting "—" in the word memory display.
- After you program the Schedule Mode item, press **(A)** twice to return to the Schedule Memo Mode display.

To delete specific Schedule Memo items

- Recall the Schedule Mode item you want to delete.
- Hold down **(A)** until the month digit of the displayed data item starts to flash.
- Hold down both **(B)** and **(D)** until the message "CLR" appears on the display, indicating that the item has been cleared. At this time, the month digit flashes on the display, ready for input of another Schedule Mode item.
- Either input a new data item or press **(A)** to return to the Schedule Memo Mode.

To program the word memory

- While in the Schedule Memo Mode, hold down **(A)** while until the month digit starts flashing.
- Press **(A)** again and the word memory number flashes.
- Each press of **(B)** or **(D)** changes the current word memory number in the following sequence.



- When the number of the word memory you want to program is flashing, press **(C)** and the cursor appears in the message display.
- Enter up to 8 characters into the word memory using the same procedures as described under "To input a Schedule Mode message using character input only."
- When you are finished entering text, press **(A)** to store it and return to the Schedule Memo Mode.

About the Schedule Memo Mode alarm displays

In the Schedule Memo Mode, the three circular displays indicate the status of Schedule Memo Mode items.

This Week

Days during the current week that have Schedule Memo items programmed are marked with "I". A flashing "I" mark indicates the Schedule Memo item that is next to occur during the current week.

Next Week

Days during the following week that have Schedule Memo items programmed are marked with "I".

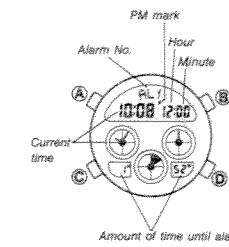
Today

Hours today that have Schedule Memo items programmed are marked with "I". A flashing "I" mark indicates the Schedule Memo item that is next to occur during the current date.



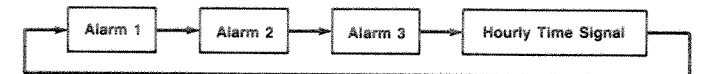
ALARM MODE

You can set the hours and minutes for three independent Daily Alarms. When a 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.



To set alarms

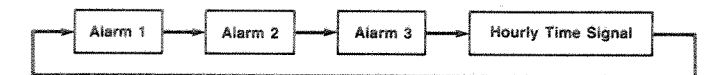
- While in the Alarm Mode, press **(D)** to select an alarm time. Each press of **(D)** changes the selection in the following sequence.



- While the alarm whose time you wish to set is selected, hold down **(A)** until the currently set time starts to flash. At this time, the alarm is automatically switched on.
- Press **(D)** to advance the alarm time setting and **(B)** to reverse it. Holding down either button changes the setting at high speed.
- After setting the alarm time, press **(A)** to return to the Alarm Mode.

To switch a Daily Alarm or Hourly Time Signal on and off

- While in the Alarm Mode, press **(D)** to select an alarm time or the Hourly time Signal. Each press of **(D)** changes the selection in the following sequence.



- While the item you wish to switch on or off is selected, press **(B)**. Each time you do, the selected alarm or Hourly Time Signal switched on or off.

To test the alarm

- Hold down **(D)** while in the Alarm Mode to sound the alarm.