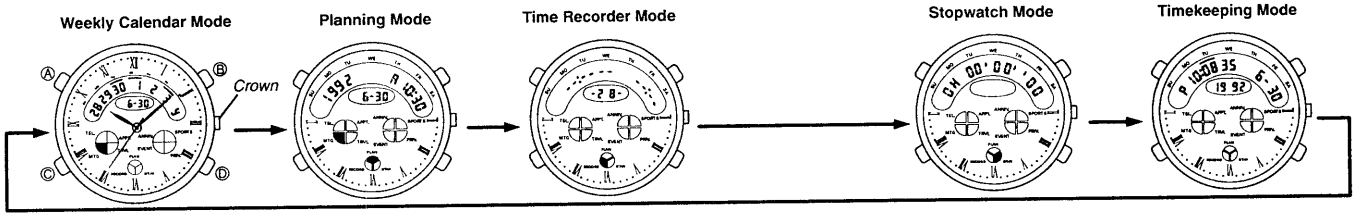
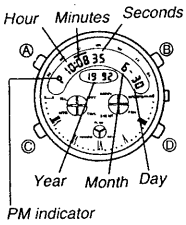
OPERATION CHART: MODULE QW-728

GENERAL GUIDE

- Press Ⓒ to change from mode to mode.
- After you perform an operation in any mode, pressing Ⓒ returns to the Weekly Calendar Mode.
- If you do not press any button for a few minutes in any mode, the display returns to the Weekly Calendar Mode automatically.



TIMEKEEPING MODE

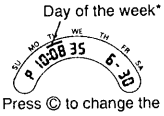


- When setting the time, first set the digital time as described below, and then the analog time.
- Note that operation of the Planning Mode and Time Recorder Mode depends on the current time in the Timekeeping Mode. Be sure to set the Timekeeping Mode correctly.
- Press Ⓓ to switch between the 12-hour and 24-hour formats.

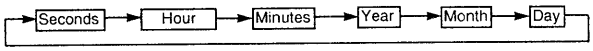
Day of the week
SU : Sunday, MO : Monday, TU : Tuesday,
WE : Wednesday, TH : Thursday, FR : Friday,
SA : Saturday

To set the digital time and date

1. Use Ⓒ to enter the Timekeeping Mode.
2. Hold down Ⓐ while in the Timekeeping Mode until the seconds digits start to flash on the display. The seconds flash because they are *selected*.



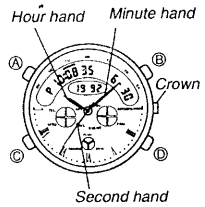
3. Press Ⓒ to change the selection in the following sequence.



4. While the seconds digits are selected (flashing), press Ⓓ to reset them to "00". If you press Ⓓ 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.
5. While any other digits (besides seconds), are selected (flashing), press Ⓓ to increase the number or Ⓑ to decrease it. Holding down either button changes the current selection at high speed.
6. 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, 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 set the analog time



1. Use Ⓒ to enter the Timekeeping Mode.
2. Pull the crown out to stop the second hand.
3. Set the hands by turning the crown.
4. Watch the digital display, and when the seconds count on the digital display is the same as the position of the second analog hand, press the crown back in.

- Analog time is kept by a mechanical timepiece. Because of this, the second hand may not start to move exactly when you push the crown back in.

About the alarms

This watch is equipped with alarms that are designed to sound in accordance with settings you make in the Planning Mode and Time Recorder Mode. There are four different alarm sounds to choose from.

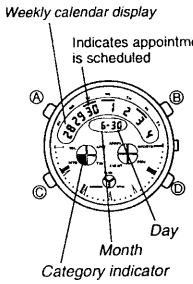
To test the alarm

Hold down Ⓑ in the Timekeeping Mode to sound the alarm.

To change the alarm sound

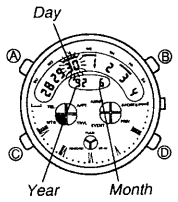
1. In the Timekeeping Mode, hold down Ⓑ to sound the alarm.
2. While the alarm is sounding (because you are holding down Ⓑ), press Ⓓ to change the alarm sound.

WEEKLY CALENDAR MODE



When you enter the Weekly Calendar Mode, the digital display changes to a calendar of the entire week that contains the current date (as kept in the Timekeeping Mode). You can schedule appointments for each date, and indicators on the digital display show you at a glance for which dates you have appointments.

To scroll the weekly calendar

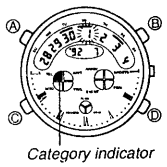


1. Press Ⓑ or Ⓓ while in the Weekly Calendar Mode. The current date flashes on the display because it is *selected*.
2. Press Ⓓ to move forward through the dates or Ⓑ to move back. Holding down either button scrolls through the dates at high speed.

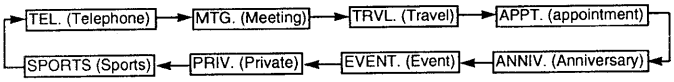
- The range of the calendar is January 1, 1990 through December 31, 2029.
- If the current date or a future date has an appointment scheduled, that day is overlined on the digital display's Weekly Calendar.
- When you select a date that has an appointment scheduled, the indicator that corresponds to the category set for that date also appears. If there are multiple appointments set for the same date, more than one category indicator may appear.

3. After scrolling the weekly calendar, press Ⓓ and Ⓑ at the same time to return to the week that contains today's date.

To input data



1. While in the Weekly Calendar Mode, select the date for which you want to input data.
2. After selecting the date, press Ⓐ, and the category indicator flashes sequentially around the available categories in the following sequence.

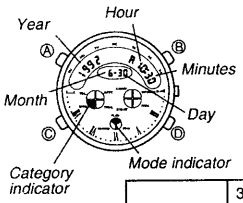


- The above sequence repeats twice before it stops automatically. If it stops before you have a chance to make your selection, press Ⓐ again.

3. When the indicator is locate at the category you want to select, press Ⓐ again to register the category. At this time the display goes into a short "sort sequence" before the weekly calendar returns to the digital display.
4. Repeat steps 2 and 3 to set another category indicator for the same day, or steps 1 through 3 to set category indicators for other dates.

- You can also set a time (hour and minutes) for your appointments. See planning mode.

PLANNING MODE



The Planning Mode lets you store up to 30 sets of data that shows the year, month, day, time and category of your appointments. Once you set such data, an alarm sounds to remind you of your appointments. When an alarm sounds the display shows you the information preset for the appointment. In addition to the date and time data, you can also set an additional 14 digits, which you can use as a reminder for telephone numbers, room numbers, etc.

	30 minutes before appointment time	appointment time
Alarm	1 second	3 seconds
Display *	5 seconds	10 seconds

* The date and time of the appointment flashes on the display.

Note

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

How to use the Planning Mode

How the Planning Mode works depends on the information you input.

Date and Time

- Alarm sounds and the display flashes at the time and on the date you set.
- In the Weekly Calendar Mode, an indicator is shown above the date of the appointment, and the category indicator shows the category.

Date only

- In the Weekly Calendar Mode, an indicator is shown above the date of the appointment, and the category indicator shows the category.

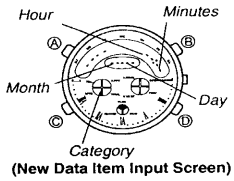
Time only

- Alarm sounds and the display flashes at the preset time every day.

About Planning Mode memory management
Planning Mode data items are automatically sorted into chronological order. You can store up to 30 data items that consist of date only, time only, or a combination of date and time. Assigning a date and/or time plus a number requires two data items worth of memory, so you can store 15 data items that include a number.
There is also memory for storage of up to 30 data items whose time and date have passed. When this memory is full (with 30 items), the next item added causes the oldest existing data to be deleted automatically. You can also manually delete data.

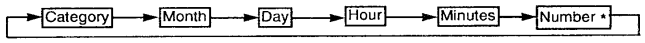
Note
Data items whose category is ANNIV. (anniversary) are not deleted automatically when memory becomes full. They are retained until you delete them manually.

To input new Planning Mode data



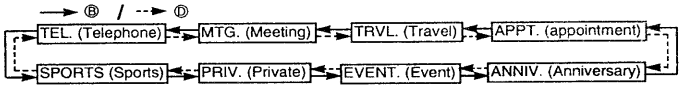
(New Data Item Input Screen)

1. In the Planning Mode, press Ⓑ and Ⓓ at the same time to display the New Data Item Input Screen.
   - If there is no Planning Data stored yet, the New Data Item Input Screen appears as soon as you enter the Planning Mode.
   - If the message "FULL" appears on the display, it means that memory is full. To store more data, you will first have to delete some of the data stored in memory.
2. Hold down Ⓐ until the category indicator starts to flash on the display. The indicator flashes because it is *selected.*
3. Press Ⓒ to change the selection in the following sequence.

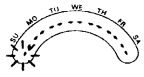


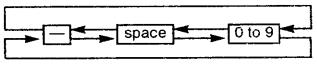
* There are 14 digits in the number, so you have to press Ⓒ 14 times to move to the category setting.

4. While the category indicator is flashing, use Ⓑ and Ⓓ to select the category you want to set.



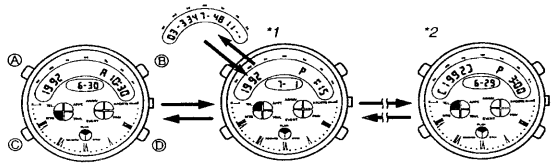
5. After you set the category, use Ⓒ to select the other items (month, day, hour, minutes).
6. Press Ⓓ to increase the number or Ⓑ to decrease it. Holding down either button changes the current selection at high speed.
   - The format (12-hour or 24-hour) for the times you set for a Planning Mode item is the same as the format you select for normal timekeeping.
   - You can specify any date that is within one year from the current date. This means that if the current date (in the Timekeeping Mode) is June 30, 1992, you can specify any date up to June 29, 1993 for a Planning Mode item.
   - Input the month and day only for the date.
7. If you do not want to input any additional number data, jump from here directly to step 11. Proceed from step 8 only if you want to input additional number data.
8. To input additional number data, press Ⓒ until the first digit of the 14-digit number display is flashing. Use Ⓓ and Ⓑ to display a number or space at the current cursor location.





9. When the number you want is displayed at the current cursor location, press Ⓒ to advance to the next digit.
10. Repeat steps 8 and 9 to input the rest of the number.
    - The number can be up to 14 characters long.
11. After you finish inputting your data, press Ⓐ to exit the data input operation.
    - If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the watch automatically goes back to the Planning Mode display.

To scroll the Planning Mode data
Press Ⓑ or Ⓓ while in the Planning Mode. Holding down either button scrolls through the dates at high speed.



*1 When number data is also stored, the display alternates between the time data and the number data.
*2 You can recall both future and past data. Past data is indicated by enclosing the year in [square brackets].

To edit existing Planning Mode data
1. In the Planning Mode, scroll through the data items and display the one you want to edit.
2. Hold down Ⓐ until the category indicator starts to flash on the display. The indicator flashes because it is *selected.*
3. Press Ⓒ until the data you want to edit is selected (flashing).
4. Use Ⓑ and Ⓓ to change the data at the flashing selection.
   - For past data items, you can edit only the number data.
   - See "To input new Planning Mode data" for details on how to input data.
5. Press Ⓐ to return to the Planning Mode.

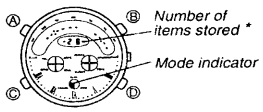
To delete an existing Planning Mode data item
1. In the Planning Mode, scroll through the data items and display the one you want to delete.
2. Hold down Ⓐ until the category indicator starts to flash on the display. The indicator flashes because it is *selected.*
   - If you select a past data item, the category indicator does not flash at this time. Instead, the first digit of the character data flashes.
3. Hold down Ⓑ and Ⓓ at the same time until the watch beeps, indicating that the item is deleted. At this time, the display changes to the New Data Item Input Screen.

TIME RECORDER MODE

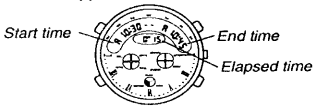
The Time Recorder Mode records the start time, end time, and total elapsed time of an event in memory. It comes in handy when you want to keep track of how long specific tasks take you throughout the day. You can also set an alarm to sound after a particular amount of time has elapsed.

About the Time Recorder Mode initial display....
The display that appears when you enter the Time Recorder Mode depends on the status of the last Time Recorder time operation.

Time Recorder data cleared



Time Recorder operation stopped

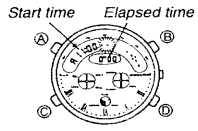


* Note that the number of items stored is replaced with the message "FULL" when the memory is full.

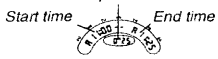
About Time Recorder Mode memory management....
The up to 30 sets of Time Recorder data can be stored in memory. Each item consists of the month, day, and day of the week that the record was created, along with the start time, end time, and total elapsed time. Data is not sorted (it is stored in the same order that it is stored). Once memory is full, the next data item stored causes the oldest data item to be deleted automatically.

- Never change the current time setting in the Timekeeping Mode while the Time Recorder is operating. Doing so will cause incorrect data to be stored by the Time Recorder.
- Be sure to clear the last Time Recorder data from the display before starting a new Time Recorder operation. To clear the display, hold down Ⓓ until the watch beeps.
- The Time Recorder continues to operate even if you change modes.
- The capacity of the Time Recorder is 24 hours. When the total elapsed time exceeds 24 hours, Time Recorder operation automatically stops and the applicable data is stored into memory.

To use the Time Recorder



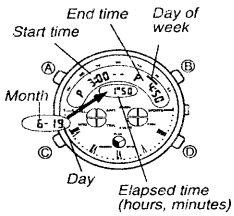
1. In the Time Recorder Mode, press Ⓓ to start a time measurement.
   - "- - " flashes in the center of the digital while a Time Recorder Operation is in progress.
2. To stop the Time Recorder operation, press Ⓓ.
   - You can cotinue timer operation by pressing Ⓓ again.
3. To clear the displayed data and store it into memory (when you want to start a new Time Recorder operation), hold down Ⓓ until the watch emits a long beep.



(Time Reorder operation stopped)

- Note that if you restart the Time Recorder operation while this display (Time Recorder operation stopped) is shown, the end time and total elapsed time are updated based on the current time in the Timekeeping Mode. If you start an operation at 3:00, for example, and then stop the operation at 3:05, the total elapsed time is 5 minutes. If you then restart the Time Recorder operation at 3:10 (after a 5-minute break), the end time immediately becomes 3:10 and the total elapsed time becomes 10 minutes

To recall data

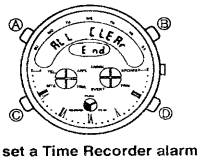


In the Time Recorder Mode, each press of Ⓑ scrolls through Time Recorder data stored in memory (starting from the oldest data). Holding down Ⓑ scrolls through the data at high speed.

- If you do not press Ⓑ for four or five seconds after you start recalling data, the watch automatically returns to the normal Time Recorder Mode display.

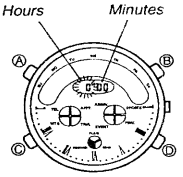
To delete Time Recorder data

Important !
The following operation deletes all Time Recorder data stored in memory.

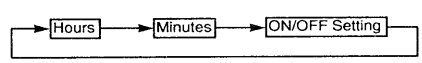


1. In the Time Recorder Mode, press Ⓑ to display any data item stored in memory.
2. Hold down Ⓐ until the watch emits a long beep, indicating that all data is deleted.
   - If you do not perform the operation in step 2 within four or five seconds after you display a stored data item, the watch automatically returns to the normal Time Recorder Mode display. If that happens, start from step 1 again.

To set a Time Recorder alarm and switch the alarm on and off

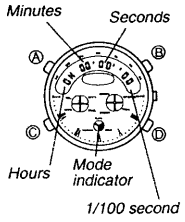


1. While the normal Time Recorder display is shown (it does not matter whether or not the display is cleared), hold down Ⓐ until the currently set Time Recorder alarm time starts to flash on the display. The alarm time flashes because it is *selected.*
2. Press Ⓒ to change the current selection in the following sequence.



3. While either the hours or minutes is selected (flashing), press Ⓓ to increase the number of Ⓑ to decrease it. Holding down either button changes the selection at high speed.
   - You can set the alarm time up to 23 hours and 59 minutes.
4. While the ON/OFF setting is selected, press Ⓓ or Ⓑ to switch the alarm on and off.
5. After you make your Time Recorder alarm setting, press Ⓐ to return to the normal Time Recorder display.
   - Setting a Time Recorder alarm time of "0H00" also switches the alarm off.
   - The Time Recorder alarm does not sound if the Time Recorder is stopped.

STOPWATCH MODE



The Stopwatch Mode lets you record 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.	