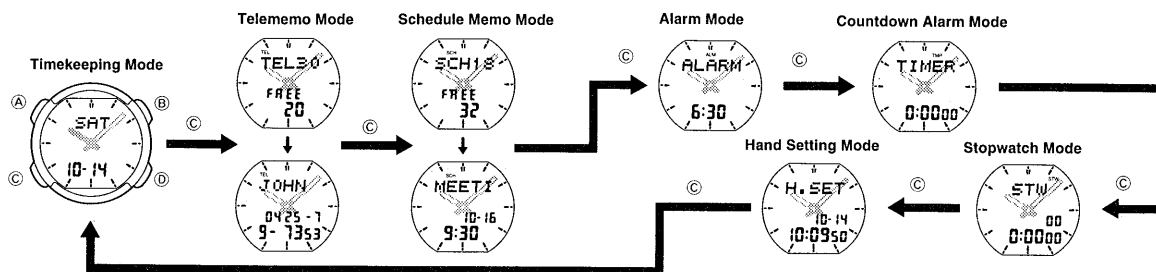


OPERATION CHART: MODULE QW-1327 GENERAL GUIDE

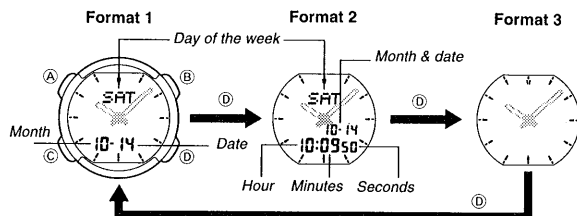
- Press **C** to change from mode to mode.

- If the digital display of your watch is continually changing, see "Auto Display function" for information on how to stop it.



TIMEKEEPING MODE

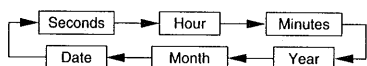
Press **D** to change the display format in the Timekeeping Mode as shown below.



- Pressing **B** while format 2 is selected switches between 12-hour and 24-hour timekeeping.

To set the time and date

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



- 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.
- 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 number at high speed.
- After you set the time and date, press **A** to return to the normal Timekeeping Mode (no flashing).
 - 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 normal Timekeeping Mode automatically.

Day of the week abbreviations

Day of the week is displayed as follows.

SUN: Sunday MON: Monday TUE: Tuesday
WED: Wednesday THU: Thursday FRI: Friday
SAT: Saturday

TELEMEMO MODE

The Telememo Mode lets you store up to 50* pairs of name and telephone number data. The name can be up to 8 characters long and the numbers 12 digits each. Data is automatically sorted into alphabetical order based on the name data. You can recall data by scrolling through a sorted list.

* The Telememo Mode shares memory with the Schedule Memo Mode. This means that the maximum number of Telememo Mode entries you can store is reduced each time you store data in the Schedule Memo Mode.

To input Telememo data

Figure a.

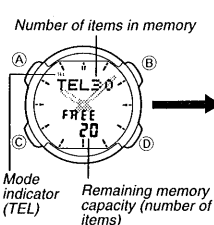


Figure b.

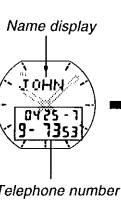
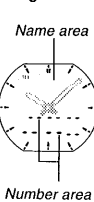
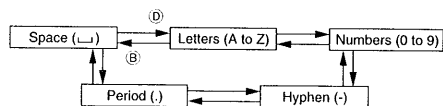


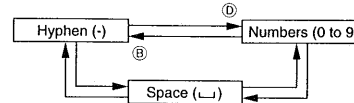
Figure c.



- Use **C** to enter the Telememo Mode.
- Whenever you enter the Telememo Mode, the display shows how many items are already stored in memory and how many items you can input before memory becomes full (Figure a.). After a few seconds, the display changes to show the item that was selected when you last exited the Telememo Mode (Figure b.).
- In the Telememo Mode, press **B** or **D** until the new data display (Figure c.) appears.
 - If the message "FULL" appears on the display, it means that memory is full. To store more data, you first have to delete some of the data. Use the procedure in "To delete a Telememo item" or "To delete a specific Schedule Memo data" to delete data.
- Hold down **A** until the flashing cursor appears on the name area (Figure c.).
 - Use **B** or **D** to input letters at the cursor position. The character changes in the following sequence. Holding down either button changes the selection at high speed.



- After you select the character you want, press **C** to advance the cursor to the right.
 - Repeat steps 4 and 5 until you complete name input.
 - You can input up to 8 characters in the name area. The display shows only 5 characters but automatically scrolls from right to left to show all of the characters that make up the text.
- After the name input is through, use **C** to move the cursor to the number area (Figure c.).
- While the cursor is in the number area, use **B** or **D** to input numbers you want. The character changes in the following sequence. Holding down either button changes the selection at high speed.



- Note that you must input at least one character in the text area. You can skip input of telephone number.
- After you select the character you want, press **C** to advance the cursor to the right.
- Repeat steps 7 and 8 until you complete number input.
- After inputting the data you want, press **A** to store it into memory.
- The message "SORT" appears on the display and stays there while data is being stored into alphabetical order. After the sort operation is complete, the display returns to the normal Telememo Mode display (the flashing stops).
- If you do not operate any button for a few minutes while the cursor or digit is flashing on the display, the flashing stops and the watch automatically goes back to the normal Telememo Mode.

To scroll through Telememo data

In the normal Telememo Mode (when the display is not flashing), press **D** to scroll forward or **B** to scroll backward through stored data.

- The data item that is displayed when you exit the Telememo Mode will be the first data to appear when you enter the Telememo Mode again.

To edit Telememo data

- In the Telememo Mode, use **B** or **D** to scroll through the data items and display the one you want to edit.
- Hold down **A** until the flashing cursor appears on the display.
- Use **C** to move the cursor to the character you want to change.
- Use **B** or **D** to select the character you want.
- For details, see "To input Telememo data" (steps 4 through 5 for name input, or 7 through 8 for number).
- After editing the data, press **A** to store it.
- If you do not operate any button for a few minutes while the cursor or digit is flashing on the display, the flashing stops and the watch automatically goes back to the normal Telememo Mode.

To delete a Telememo item

- In the Telememo Mode, use **B** or **D** to scroll through the name data and display the one you want to delete.
- Hold down **A** until the cursor appears on the display.
- Hold down **B** and **D** until the message "CLEAR" appears on the display indicating the data is deleted. At this time the cursor appears on the display ready for input.
- If you want to input more data, start from step 4 under "To input Telememo data"

SCHEDULE MEMO MODE

The Schedule Memo Mode lets you store the month, date, and time of each appointment, along with a 12-character reminder message. The next schedule appointment appears on the display whenever you enter the Schedule Memo Mode.

A Schedule Memo Alarm sounds when the date and time of an appointment are reached. Once a Schedule Memo Alarm starts to sound, you can switch it off by pressing any button.

The Schedule Memo Alarm sounds and its message is displayed only if the watch is in the Timekeeping Mode when the applicable date and time are reached. In other modes, only the alarm sounds, without any display of the message. If you are inputting data or changing the time setting when a Schedule Memo Alarm time is reached, the alarm does not sound.

Note that the Schedule Memo Alarm dates you set must be within one year of the current Timekeeping Mode date. This means that if today's date is June 1, you can set a Schedule Memo Alarm date up to May 31 the following year.

Notes

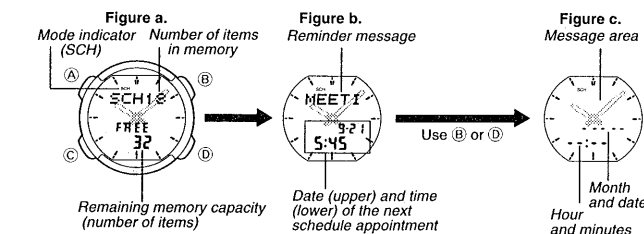
- The Schedule Memo Mode shares memory with the Telememo Mode. This means that the maximum number of Schedule Memo Mode entries you can store is reduced each time you store data in the Telememo Mode.

About Schedule Memo Mode memory management

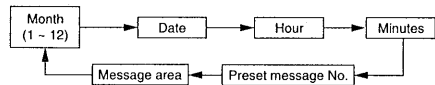
Schedule Memo Mode data items are automatically sorted into chronological order. When the current (Timekeeping Mode) date changes at midnight each day, Schedule Memo items with dates before the new date are automatically deleted. You can also manually delete Schedule Memo items normally using the procedure under "To delete a specific Schedule Memo data".

- Outdated Schedule Memo data is not deleted automatically if the date changes in the Timekeeping Mode while you are inputting data (while data is flashing on the display) in the Timekeeping Mode or in the Schedule Memo Mode. If you perform a data input operation that lasts from 23:18 on February 18 to 00:03 on February 19, for example, Schedule Memo data dated February 18 will not be deleted by the change of date.
- Schedule Memo data items that are not deleted as described above remain in memory for one year, or until you delete them manually.

To input schedule time



- Use (C) to enter the Schedule Memo Mode.
- Whenever you enter the Schedule Memo Mode, the display shows how many items are already stored in memory, and how many items you can input before memory becomes full (Figure a.). After a few seconds, the display changes to show the upcoming schedule appointment (Figure b.).
- In the Schedule Memo Mode, use (B) or (D) until the new data display appears (Figure c.).
- 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 from memory. Use the procedure in "To delete a Telememo item" or "To delete a specific Schedule Memo data" to delete data.
- Hold down (A) until the month digits start to flash. The month digits flash because they are selected.
- Use (C) to change the selection in the following sequence.



- While any digits are selected (flashing), press (D) to increase the number or (B) to decrease it. Holding down either button changes the number at high speed.
- To specify 9 o'clock on August 1, for example input 8-1 9:00.
- The 12-hour/24-hour format of the alarm time matches the format you select in the Timekeeping Mode.

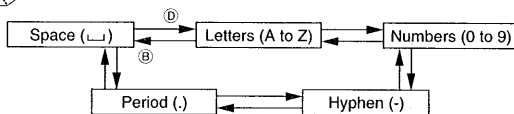
To input reminder message

You can choose from the following three ways to input reminder message.

A) Inputting every character of the message



- After inputting the minute digits, press (C) twice to make the flashing cursor appear at the message area.
- Use (B) or (D) to input letters at the cursor position. The character changes in the following sequence. Holding down either button changes the selection at high speed.

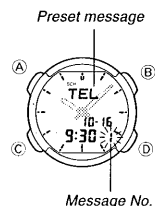


- After you select the character you want, press (C) to advance the cursor to the right.
- Repeat steps 2 and 3 until you complete name input.
- You can input up to 12 characters in the message area. The display shows only 5 characters, but automatically scrolls from right to left to show all of the characters that make up the text. The end of the text is indicated by an end mark "<".
- After inputting the data, press (A) to store it into memory and the watch returns to the normal Schedule Memo Mode (without a cursor).
- The message "SORT" appears on the display and stays there while data is being stored into chronological order. The last input data appears after the sort operation is complete.

B) Using the preset message

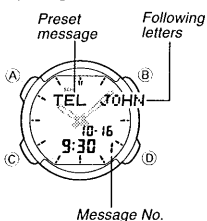
Select one of the following five preset messages to input the reminder message.

Message No.	Display	Meaning
1	TEL	Telephone
2	MTG	Meeting
3	APPT	Appointment
4	TRVL	Travel
5	DR	Doctor



- After inputting the minute digits, press (C) to make the message No. flash.
- At this time, " " flashes, indicating that the message No. is selected.
- Use (B) or (D) to select the message.
- Pressing either button changes the message No. (flashing) along with the corresponding preset message.
- When the message you want is on the display, press (A) to store it into memory and the watch returns to the normal Schedule Memo Mode (the flashing stops).
- The message "SORT" appears indicating that data is being stored into chronological order. The last input data appears after the sort operation is complete.

C) Inputting letters that follow the preset message



- After inputting the minute digits, follow steps 1 and 2 in "B) Using the preset message" to select the preset message you want.
- When the preset message you selected is on the display, press (C) and the message disappears, replaced by a flashing cursor.
- Follow steps 2 and 3 in "A) Inputting every character of the message" to input letters that follow the preset message you have selected.
- In this case, you can input up to 11 characters. The display shows only 5 characters, but automatically scrolls from right to left to show all of the characters that make up the text.

- After inputting all the letters you want, press (A) to return to the normal Schedule Memo Mode (without a cursor).
- You can input the following letters before the preset message. In this case, too, the letters are shown on the right side of the preset message after the input operation is complete.

- The message "SORT" appears indicating that data is being stored into chronological order. The last input data appears after the sort operation is complete.
- If you do not operate any button for a few minutes while a cursor or digit is flashing on the display, the flashing stops and the watch automatically goes back to the normal Schedule Memo Mode.

To search for data

While in the Schedule Memo Mode, press (D) to scroll forward through the stored data, or (B) to scroll back.

To edit data stored in memory

- While in the Schedule Memo Mode, use (B) or (D) to display the data item you want to edit.
- Hold down (A) and the cursor appears on the display.
- Use (C) to move the cursor to the character you want to change.
- Use (B) or (D) to input the character you want to change to (see steps 2 and 3 in "A) Inputting every character of the message" for text, and steps 4 and 5 in "To input Schedule time" for number input).
- Press (A) to exit the data input operation and to return to the normal Schedule Memo Mode.

To delete a specific Schedule Memo data

- While in the Schedule Memo Mode, use (B) or (D) to display the data item you want to delete.
- Hold down (A) and the cursor appears on the display.
- Press (B) and (D) at the same time until the message "CLEAR" appears on the display indicating the data is deleted. At this time the cursor appears on the display ready for input.
- Input new data or press (A) to exit the data input operation and return to the normal Schedule Memo Mode.

ALARM MODE

When the Daily Alarm is switched 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 switched on, the watch beeps every hour on the hour.

Note that the Daily Alarm and the Hourly Time Signal operate based on the digital time setting.

To set the alarm time

- Use (C) to enter the Alarm Mode.
- Hold down (A) while in the Alarm Mode. The hour digits flash on the display because they are selected. At this time the Daily Alarm is switched on automatically.
- Press (C) to change the selection in the following sequence.

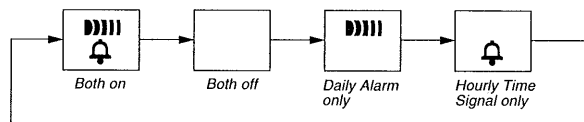


- Press (D) to increase the selected digits and (B) to decrease them. Holding down either button changes the selection at high speed.

- 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 morning or afternoon (indicated as "P" on the display).
- After you set the alarm time, press (A) to return to the normal Alarm Mode (the flashing stops).
- If you do not operate any button for a few minutes while a selection is flashing on the display, the flashing stops and the watch goes back to the normal Alarm Mode automatically.

To switch the Daily Alarm and Hourly Time Signal on and off

Press (B) while in the normal Alarm Mode (when no digit is flashing) to change the status of the Daily Alarm and Hourly Time Signal in the following sequence.



To stop the alarm

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

To test the alarm and select an alarm tone

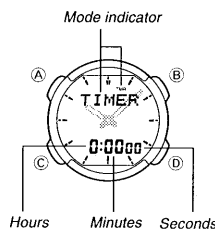
- Hold down (D) while in the normal Alarm Mode to sound the alarm.
- While holding down (D), press (B) to switch between the three available alarm tones. The last alarm tone that is sounding when you release (D) is selected.

COUNTDOWN ALARM MODE

The countdown timer can be set within a range of 1 minute to 24 hours. When the countdown reaches zero, an alarm sounds for 10 seconds or until you press any button.

To set the countdown time

- Use (C) to enter the Countdown Alarm Mode.
- Hold down (A) while in the Countdown Alarm Mode until the hours digit flashes on the display. The hours digit flashes because it is selected.
- Press (C) to change the selection in the following sequence.



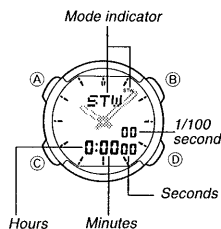
- Press (D) to increase the selected number or (B) to decrease it. Holding down either button changes the number at high speed.
- To set the starting value of the countdown time to 24 hours, set to 0:00 00.
- After you set the countdown time, press (A) to return to the normal Countdown Alarm Mode (the flashing stops).
- 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 normal Countdown Alarm Mode automatically.

To use the countdown timer

- Press (D) while in the Countdown Alarm Mode to start the countdown timer.
- Press (D) again to stop the countdown timer.
- You can continue countdown timer operation by pressing (D).
- Stop the timer and then press (B) to reset the countdown time to its starting value.
- When the end of the countdown is reached, the alarm sounds for 10 seconds or until you stop the alarm by pressing any button. Countdown timing stops, and the countdown time is automatically reset to its starting value after the alarm stops.

STOPWATCH MODE

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.



To measure elapsed time

1. Press (D) to start the stopwatch.
2. Press (D) to stop the stopwatch.
- You can resume the measurement operation by pressing (D) again.
3. Press (B) to clear the stopwatch to all zeros.

To record split times

1. Press (D) to start the stopwatch.
2. Press (B) to display the timing up to that point. Stopwatch timing continues internally.
- At this time, the display also shows "SPLIT" indicating that the split time is being recorded.

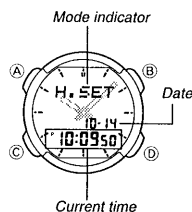
3. Press (B) to clear the split time and to continue time measurement on the display.
- You can repeat steps 2 and 3 as many times as you want.
4. Press (D) to stop the time measurement.
5. Press (B) to clear the stopwatch to all zeros.

To time first and second place finishes

1. Press (D) to start the stopwatch.
2. Press (B) when the first finisher crosses the line, and record the time.
3. Press (D) when the second finisher crosses the line.
4. Press (B) to display the finishing time of the second finisher.
5. Press (B) again to clear the stopwatch to all zeros.

HAND SETTING MODE

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

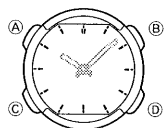


To set the analog time

1. Use (C) to enter the Hand Setting Mode.
2. Hold down (A) while in the Hand Setting Mode until the indicator "H.SET" starts to flash on the display.
3. Press (D) to advance the hands of the analog timepiece.
4. After you set the analog time, press (A) to return to the normal Hand Setting Mode (the flashing stops).
- If you do not operate any button for a few minute while "H.SET" is flashing on the display, the flashing stops and the watch goes back to the normal Hand Setting Mode automatically.

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 while the Auto Display function is operating.



To turn the Auto Display on

Hold down (C) for a few seconds until the watch beeps.

To turn the Auto Display off

Hold down (C) for a few seconds until the watch beeps.

Note

The Auto Display function cannot be performed while you are making settings (i.e. while digits or other settings are flashing on the display).