**Module No.1600/1827**

**General Guide**

- The operational procedures for Module 1600 and 1827 are identical. All of the illustrations in this manual show Module 1600.
- Press \( \text{ } \) to change from mode to mode. After you perform an operation in any mode, pressing \( \text{ } \) returns to the Timekeeping Mode.
- In any mode press \( \text{ } \) to illuminate the display for about two seconds.

**Timekeeping Mode**

- In the Timekeeping Mode, press \( \text{ } \) to switch between the 12-hour and 24-hour formats.

To set the time and date

1. Press \( \text{ } \) while in the Timekeeping Mode. The seconds digits flash on the display because they are selected.
2. Press \( \text{ } \) to change the selection in the following sequence: seconds \( \rightarrow \) minutes \( \rightarrow \) hour \( \rightarrow \) day \( \rightarrow \) month \( \rightarrow \) year

- The date can be set within the range of January 1, 1995 to December 31, 2039.
- The day of the week is automatically set in accordance with the date.

**Alarm Mode**

- You can input up to eight characters in the text area, and 12 digits in the number area.
- Make sure that you distinguish between the letter \( O \) and the number \( 0 \) (zero).
- Inputting a zero for the letter \( O \) will affect automatic sorting.
- After inputting your data, press \( \text{ } \) to store it and return to the Telememo Mode.
- When you press \( \text{ } \) to store data, the message \( \text{SORT} \) appears on the display for a few seconds. After the sort operation is complete, the normal Telememo Mode display (without the cursor) appears.
- The text area of the display can show only six characters at a time, so longer text scrolls continuously from right to left.
- If the message \( \text{FULL} \) appears in the text area of 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.

**Telememo Mode**

- The Telememo Mode lets you store up to 30 pairs of name and telephone number data. Data is automatically sorted based on the characters of the name. You can recall data by scrolling through it on the display.
- See the "CHARACTER LIST" at the back of this manual for details on how the watch sorts data.
- The data item on the display when you exit the Telememo Mode appears first the next time you enter the Telememo Mode.

**Countdown Mode**

- You can set five independent alarms with the hour, minutes, month and date. You can even input text that appears on the display to remind you of the purpose of each alarm. Use the Alarm Mode to turn the alarm and the Hourly Time Signal on and off.
- When an alarm is turned on, an alarm tone sounds for 20 seconds when the preset time is reached.
- When the Hourly Time Signal is turned on, the watch beeps every hour on the hour.

**ALARM MODE**

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**Stopwatch Mode**

**About the backlight**

In any mode, press \( \text{ } \) to illuminate the display for about two seconds.

- The backlight of the watch employs an electro-luminescent (EL) light, which loses illuminating power after very long use.
- The EL panel lights up. It does not indicate malfunction of the watch.
- The watch will emit an audible sound whenever the display is illuminated. This is caused by a transformer that vibrates when the EL panel lights up. It does not indicate malfunction of the watch.
- If the alarm time you set in the Alarm Mode is reached while the backlight is turned on, the alarm tone will not start to sound until the backlight turns off.

**Inputting a zero for the letter \( O \)**

When the alarms are turned on, the watch beeps every hour on the hour.

When an alarm is turned on, an alarm tone sounds for 20 seconds when the preset time is reached.

When the Hourly Time Signal is turned on, the watch beeps every hour on the hour.

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- The EL panel lights up. It does not indicate malfunction of the watch.
- If the alarm time you set in the Alarm Mode is reached while the backlight is turned on, the alarm tone will not start to sound until the backlight turns off.

**Sorting data**

- The data item on the display when you exit the Telememo Mode appears first the next time you enter the Telememo Mode.
- The data is stored in memory and the data item is sorted automatically.
- The data item that contains the longest text is selected first, and the data item that contains the shortest text is selected last.
- The data item that contains the longest text is selected first, and the data item that contains the shortest text is selected last.

**About the character list**

- The character list is displayed on the display when you exit the Telememo Mode.
- The data item on the display when you exit the Telememo Mode appears first the next time you enter the Telememo Mode.
- The data is stored in memory and the data item is sorted automatically.
- The data item that contains the longest text is selected first, and the data item that contains the shortest text is selected last.
- The data item that contains the longest text is selected first, and the data item that contains the shortest text is selected last.

**To recall Telememo data**

In the Telememo Mode, press \( \text{ } \) to scroll forward through stored data items or \( \text{ } \) to scroll in reverse.
- Holding down either button scrolls through the data at high speed.
- In the Telememo Mode, press \( \text{ } \) to return to the Timekeeping Mode.

**To edit Telememo data items**

- In the Telememo Mode, scroll through the data items and display the one you want to edit.
- Press \( \text{ } \) and a cursor appears in the text area.
- Press \( \text{ } \) and a cursor appears in the text area.
- Press \( \text{ } \) at the same time to delete the data item.
- At this time the cursor appears in the text area, ready for input.
- Input data or press \( \text{ } \) to return to the Telememo Mode.

**To delete Telememo data**

- In the Telememo Mode, scroll through the data items and display the one you want to delete.
- Press \( \text{ } \) and a cursor appears in the text area.
- Press \( \text{ } \) at the same time to delete the data item.
- At this time the cursor appears in the text area, ready for input.
- Input data or press \( \text{ } \) to return to the Telememo Mode.

**General Guide**

- The operational procedures for Module 1600 and 1827 are identical. All of the illustrations in this manual show Module 1600.
- Press \( \text{ } \) to change from mode to mode. After you perform an operation in any mode, pressing \( \text{ } \) returns to the Timekeeping Mode.
- In any mode press \( \text{ } \) to illuminate the display for about two seconds.
To set alarms
1. Press \( \text{Mode} \) while in the Alarm Mode to select Alarm 1 through Alarm 5.
2. After you select an alarm, press \( \text{Mode} \). The hour digits flash on the display because they are selected.
3. Press \( \text{Mode} \) to change the selection in the following sequence.

<table>
<thead>
<tr>
<th>Week</th>
<th>00:00</th>
<th>01:00</th>
<th>02:00</th>
<th>03:00</th>
<th>04:00</th>
<th>05:00</th>
<th>06:00</th>
<th>07:00</th>
<th>08:00</th>
<th>09:00</th>
<th>10:00</th>
<th>11:00</th>
<th>12:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.00</td>
<td>6.30</td>
<td>6.40</td>
<td>6.50</td>
<td>07.00</td>
<td>07.30</td>
<td>07.40</td>
<td>07.50</td>
<td>08.00</td>
<td>08.30</td>
<td>08.40</td>
<td>08.50</td>
<td>09.00</td>
<td>09.30</td>
</tr>
</tbody>
</table>

4. Press \( \text{Mode} \) to increase the selected digits and \( \text{Mode} \) to decrease them. Holding down either button changes the selection at high speed.
5. To set an alarm that does not include a month (daily alarm, monthly alarm), set “-” for the month. Press \( \text{Mode} \) or \( \text{Mode} \) until the “-” mark appears (between 12 and 1) while the month digits are flashing.
6. To set an alarm that does not include date (daily alarm, 1-month alarm), set “-” for the date. Press \( \text{Mode} \) or \( \text{Mode} \) until the “-” mark appears (between 31 and 1) while the date digits are flashing.
7. The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
8. When setting the alarm time using the 12-hour format, take care to set the time correctly as morning (no indicator) or afternoon (indicated by “P”).
9. If you want to input reminder text, first use \( \text{Mode} \) to move the cursor to the text area of the display and then input text.

Use \( \text{Mode} \) and \( \text{Mode} \) to input characters, and \( \text{Mode} \) to move the cursor around the display. For details, see "How to input characters."

• You can input up to eight characters in the text area.
• Anytime while the cursor is on the display, you can press \( \text{Mode} \) and \( \text{Mode} \) at the same time to clear it.
• After you finish inputting data, press \( \text{Mode} \) to return to the Alarm Mode.
• If you input reminder text, the text appears on the display when the alarm time is reached.
• Note that reminder text appears only if the watch is in the Timekeeping Mode when the alarm time is reached. Otherwise, only the alarm tone sounds (without the reminder text).

To stop an alarm once it starts to sound
Press any button to stop an alarm when it starts to sounds. The reminder text for the alarm (if any) will remain in the text area of the display for about 20 seconds.

To switch an Alarm and Hourly Time Signal on and off
1. In the Alarm Mode, press \( \text{Mode} \) to select an alarm or the Hourly Time Signal.
2. When the alarm or Hourly Time Signal you want to is selected, press \( \text{Mode} \) to switch it on and off.

- Indicates alarm is ON
- Indicates Hourly Time Signal is ON
- If any alarm is on, the Alarm On Indicator is shown on the display when you change to another mode.

To test the alarm
Hold down \( \text{Mode} \) while in the Alarm Mode to sound the alarm.

DUAL TIME MODE

The Dual Time function of this watch lets you keep track of time in a different time zone.

- In the Dual Time Mode, the seconds count is synchronized with the seconds count of the Timekeeping Mode.
- In the Dual Time Mode, press \( \text{Mode} \) to switch between the 12-hour and 24-hour formats.

To set the Dual Time
1. Press \( \text{Mode} \), while in the Dual Time Mode. The hour digits flash on the display because they are selected.
2. Press \( \text{Mode} \) to change the selection in the following sequence.
3. Press \( \text{Mode} \) to increase the selected digits and \( \text{Mode} \) to decrease them. Holding down either button changes the selection at high speed.
4. After you set the time, press \( \text{Mode} \) to return to the Dual Time Mode.

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 start time
1. Press \( \text{Mode} \) while in the Countdown Alarm Mode. The hours digit flashes on the display because it is selected.
2. Press \( \text{Mode} \) to change the selection in the following sequence.
3. Press \( \text{Mode} \) to increase the selected number: Holding down \( \text{Mode} \) changes the selection at high speed.
4. After you set the countdown start time, press \( \text{Mode} \) to return to the Countdown Alarm Mode.

To use the countdown timer
1. Press \( \text{Mode} \) while in the Countdown Alarm Mode to start the countdown timer.
2. Press \( \text{Mode} \) again to stop the countdown timer.
3. Stop the timer and then press \( \text{Mode} \) to reset the countdown time to its starting value.
4. When the end of the countdown is reached and auto repeat timing is off, 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.

To switch auto repeat timing on and off
1. Press \( \text{Mode} \) while in the Countdown Alarm Mode. The hours digit flashes on the display because it is selected.
2. Press \( \text{Mode} \) to switch auto repeat on and off.
3. Press \( \text{Mode} \) to return to the Countdown Alarm Mode.

When the end of the countdown is reached while auto repeat is on, the alarm sounds, but the countdown restarts from the beginning without stopping. You can stop the countdown by pressing \( \text{Mode} \) and manually reset to the start time by pressing \( \text{Mode} \).

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 start the stopwatch, press \( \text{Mode} \). The hours digit flashes on the display because it is selected.
- To stop the stopwatch, press \( \text{Mode} \) again.
- To reset the stopwatch, press \( \text{Mode} \) while in the Stopwatch Mode.
INPUTTING TEXT

The following describes how to input text in the Telememo Mode and Alarm Mode. It also provides details of how text is produced in the text area of the display.

How to input characters

1. When the cursor is blinking in the text area, use E and D to scroll through the available letters, numbers and symbols, in the following sequence.
   - Holding down either button scrolls through at high speed.
2. When the character you want at the cursor position is shown, press B to move the cursor to the right.
3. Repeat steps 1 and 2 until your text is complete.
   - The text area in the Telememo Mode can hold up to eight characters. When the cursor is located at the eighth space of the text area in this mode, moving the cursor to the right causes it to jump down to the first digit in the number area. When the cursor is at the 12th digit of the number area, moving it to the right causes it to jump back up to the first character of the text area.
   - You can input only numbers and spaces in the number area. Each press of E or D changes the input at the current cursor location in the following sequence:

   Press E
   - 0 to 9 (space)

   Press D

   - If you do not perform any button operation for about two or three minutes while the cursor is on the display, the watch automatically returns to the normal data display (the cursor disappears).

How the text display scrolls

The text area of the display can show only six characters at the time, so longer text scrolls continuously from right to left.

<table>
<thead>
<tr>
<th>CHARACTER LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (space)</td>
</tr>
<tr>
<td>2 R</td>
</tr>
<tr>
<td>3 B</td>
</tr>
<tr>
<td>4 C</td>
</tr>
<tr>
<td>5 D</td>
</tr>
<tr>
<td>6 E</td>
</tr>
<tr>
<td>7 F</td>
</tr>
<tr>
<td>8 G</td>
</tr>
<tr>
<td>9 H</td>
</tr>
<tr>
<td>10 I</td>
</tr>
</tbody>
</table>