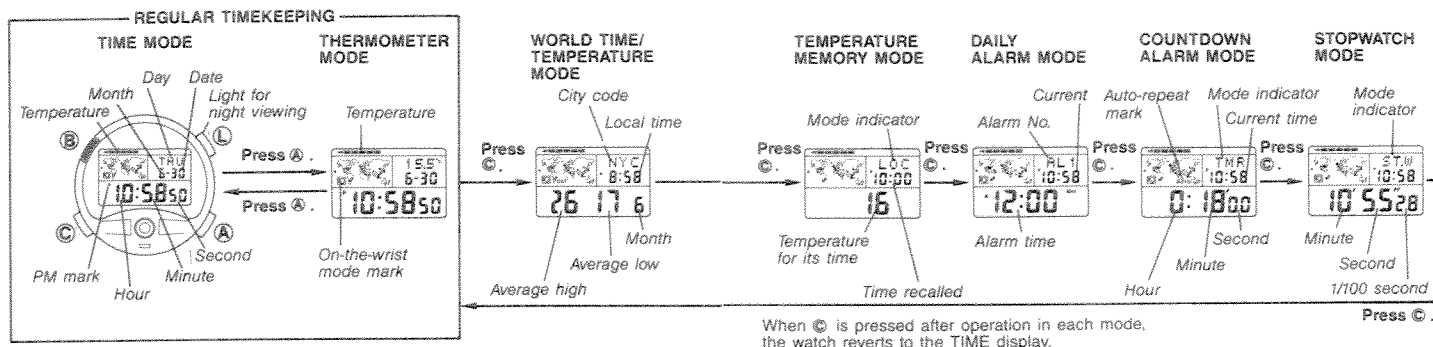
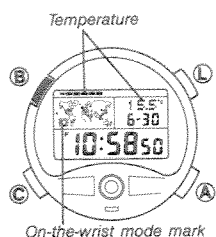


Module No. 815

READING THE DISPLAY




USING THERMOMETER



The temperature (sensed by a built-in thermistor) is displayed in °F or °C. The watch has two modes: an on-the-wrist mode and an off-the-wrist mode.

On-the-wrist mode
This mode should be used when the watch is worn on your wrist.



Off-the-wrist mode
This mode should be used when the watch is removed from your wrist. Under water, this mode should be used whether the watch is on or off your wrist.

Changeover between the off-the-wrist and on-the-wrist modes
Every press of **B** makes the on-the-wrist mode mark () appear or disappear.

Changeover between the Fahrenheit (°F) and centigrade (°C) scales.
Every press of **D** selects between °F or °C.

Temperature measurement

The watch automatically measures the temperature every 2 minutes. The watch starts measuring temperature when the thermometer mode is selected by pressing **A** or when **B** is pressed in the thermometer mode. But after the light or the buzzer operates, the measurement stops for a few minutes. When the temperature exceeds the measuring range (14°F to 140°F), the display indicates;

Temperature	Bar graph	Digital
Under 14°F	 (by flashes)	— °F (°C)
Over 140°F (Over 122°F for bar graph)	 (by flashes)	— °F (°C)

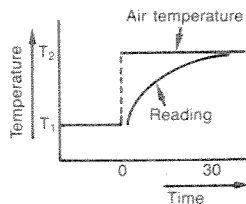
Tips

In on-the-wrist mode, the temperature is indicated by automatically compensating both external and body temperatures and therefore, there will be a slight error in readings under certain conditions (for instance, clothes, body temperature, etc.) The off-the-wrist mode is recommendable where accuracy is critical.

When a sudden temperature change occurs

Example: The watch is taken out of an air-conditioned room.

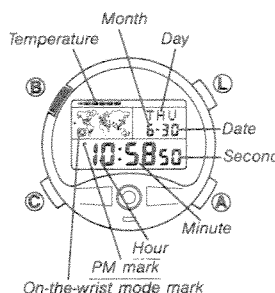
Since a thermo-sensor (thermistor) is built in, the thermometer indicates the temperature of the watch itself. To achieve heat balance, the watch requires about 30 minutes. (Under the water, the watch requires about 4 minutes to achieve heat balance.)



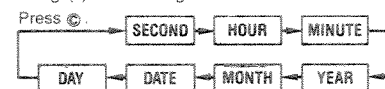
Never use the watch for the following purposes

- Clinical thermometer
- Under direct sunlight or extremely cold weather
- Temperature control for chemicals
- Water temperature gauge in a water tank for many hours of measurement
- Water temperature gauge in hot water exceeding 102°F (40°C)

SETTING TIME AND DATE



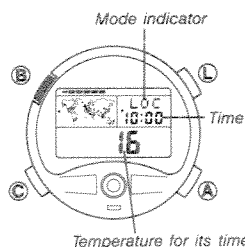
- 1) Press **B** in the TIME MODE to set a new time.
- 2) Press **A** on a time signal to correct seconds.
- 3) Press **C** to shift flashing digit(s). Digit(s) to be changed will flash.



- 4) Each press of **A** increments digit. Keep pressed for quick advance. In hour digit setting, every press of **D** changes between 12-hour and 24-hour formats.
- 5) Press **B** to complete.

Display automatically returns to the time display if left unused for a few minutes.

USING TEMPERATURE MEMORY

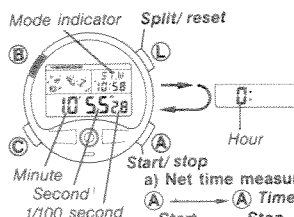


This watch stores 24 temperature records at hourly intervals and automatically updates hour by hour when the number of data exceeds 24 memories.

Calling up a specific temperature record

Press **A** or **D** in the TEMPERATURE MEMORY MODE to view 24 temperature records. The temperature can not be memorized for 30 minutes after the **B** button is pressed in the thermometer mode to change between the on-the-wrist mode and the off-the-wrist mode.

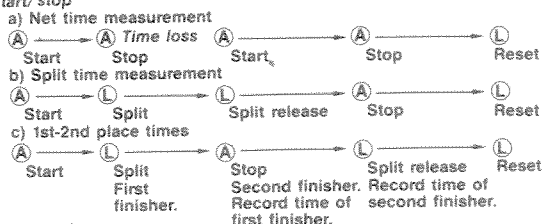
USING STOPWATCH



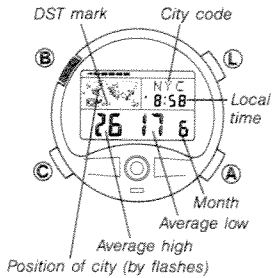
A signal confirms start/stop and split/reset operation. The hour digits can be shown by pressing the **B** button.

Working range

Total elapsed time display is limited to 23 hours 59 minutes 59.99 seconds, for longer times reset and started again.



USING WORLD TIME AND TEMPERATURE



This watch displays the local time and average high and low temperature of every month of the year for 23 major cities in the world. For details, see the table in the last page.

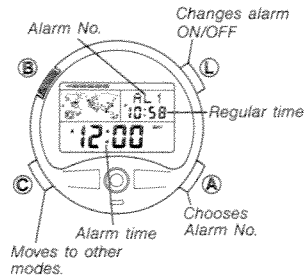
Calling up the temperatures of a specific city

- 1) Press (A) or (L) in the WORLD TIME/TEMPERATURE MODE to get the city. Keep pressed for quick movement.
- 2) Press (B) to shift to the month set mode.
- 3) Press (A) or (L) to get the month. Keep pressed for quick movement.
- 4) Press (B) to complete.

Setting local time in the world time

- 1) Keep pressed (B) for a few seconds to shift to the local time set mode. The hour digits of the local time start flashing.
- 2) Press (A) to advance hours one by one. Keep pressed for quick movement.
- 3) Should minute adjustment be necessary, press (C) to shift to the minute digits and press (A) to advance minutes one by one.
- 4) Press (L) to adjust for Daylight Saving Time, should this adjustment be necessary. (DST mark "DST" appears.)
- 5) Press (B) to complete.

USING FIVE DAILY ALARMS



Five daily alarms can be used independently. Beeper sounds for 20 seconds at preset time every day until cleared when daily alarm is set. Press any button to stop beeper. Signals sound every hour on the hour if time signal is set.

Sound demonstration

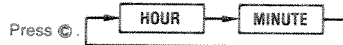
Press and hold (A) in the DAILY ALARM mode to sound beeper.

Setting daily alarm time

- 1) Press (A) in the DAILY ALARM mode to choose Alarm No. 1, 2, 3, 4 or 5.



- 2) Pressing (A) increments digit. Keep pressed for quick change.
- 3) Each press of (C) shifts flashing position.



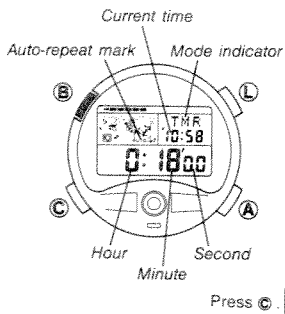
- 4) Press (B) to complete.

Display automatically returns to initial alarm mode display if left unused for a few minutes.

On or off setting of alarm and time signal

- 1) Press (A) to choose alarm No. 1, 2, 3, 4, 5 or time signal set mode.
- 2) Press (L) to activate alarm ("AL1" appears) or deactivate (no mark appears).
- 3) Press (L) in time signal set mode to activate time signal ("SIG" appears) or deactivate (no mark appears).

USING COUNTDOWN ALARM



Countdown can be set from 1 second to 24 hours (display shows 0:00'00). Start/stop operation is possible by pressing (A) and is confirmed by a signal. When display reaches zero, beeper will sound for 10 seconds until any button is pressed.

Setting countdown time

- 1) Press (B) in the COUNTDOWN ALARM MODE to set a new time.
- 2) Press (L) to choose the auto-repeat or repeat function.
- 3) Pressing (A) increments digit(s). Keep pressed for quick advance.
- 4) Press (C) to shift flashing digit(s).



- 5) Press (B) to complete setting.

Display automatically returns to initial countdown timer mode if left unused for a few minutes.

Auto-repeat function

Pre-entered time is retrieved and started again when the display reaches zero.

Repeat function

Pre-entered time is retrieved after sounding of beeper to confirm that the display has reached zero.