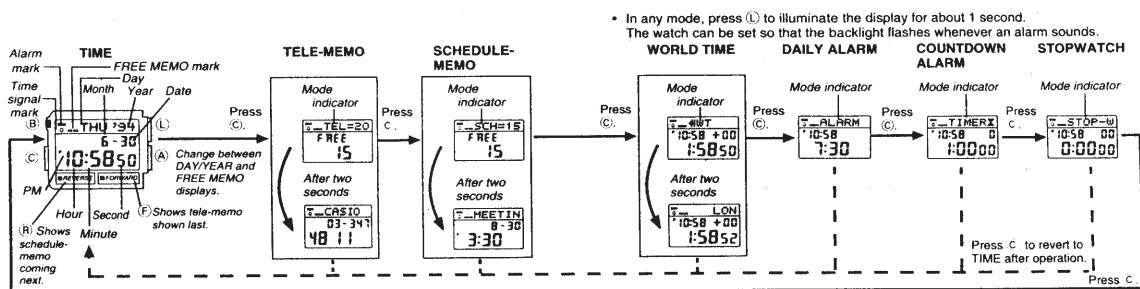


OPERATION CHART:MODULE QW-1425

READING THE DISPLAY



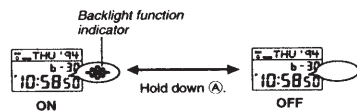
ABOUT THE BACKLIGHT

When you switch the backlight function on, the backlight of the watch flashes whenever an alarm is sounding, except when you are using the Countdown Alarm's auto-repeat function. See "OPERATING COUNTDOWN ALARM" for details on the Countdown Alarm.

- The backlight of this watch employs an electro-luminescent (EL) light, which loses its illuminating power after very long term use.

To switch the backlight function on and off

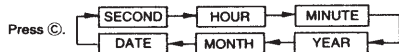
In the Time display, hold down (A) for one or two seconds to switch the backlight function on and off.



- The backlight function indicator remains on the display in all modes.
- Pressing (L) at any time illuminates the display for about two seconds, regardless of the backlight's on/off setting.
- The watch emits an audible sound whenever the display is illuminated. This is caused because the EL light vibrates slightly when lit. It does not indicate malfunction of the watch.

SETTING TIME AND DATE

- Press (B) in TIME display to set time and date.
- Press (A) on a time signal to correct seconds.
- Press (C) to shift flashing digit(s). Digit(s) to be changed will flash.



- Each press of (A) advances flashing digits one by one, and (L) to reverse. Keep pressed to move quickly.

- Press (F) to change between 12-hour and 24-hour formats.
- Year digits can be set up to the year 2039 by inputting last two digits.

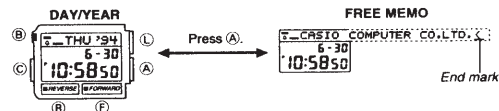
- Press (B) to complete setting.

Auto-retrieve function

Display automatically returns to TIME if left unused for a few minutes.

OPERATING FREE MEMO

A maximum of 23 characters can be memorized. Press (A) in the TIME display to change between DAY/YEAR and FREE MEMO displays.

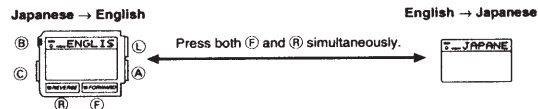


MEMORIZING DATA INTO FREE MEMO

- Press (A) in the TIME display to change to the FREE MEMO display. When the data is in memory, the contents appear. When not in memory, "MEMO" appears.
- Press (B) to memorize new data.
- To clear all the contents of FREE MEMO, press both (A) and (L) simultaneously.
- Press (A) or (L) to enter a character at cursor position. Keep pressed for high speed movement.



Note: If (F) and (R) buttons are pressed simultaneously, the display will be changed over between KATAKANA (Japanese syllables) and alphabet input modes.



- Press (C) to shift the cursor. Keep pressed for high speed movement.
- Press (B) to complete memorizing and FREE MEMO mark appears.

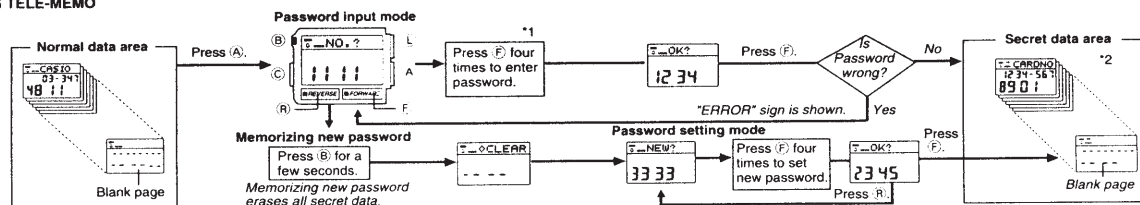
Scrolling the display

When the data is entered over 7 characters, the display will continue to scroll from right to left to show all the contents.

OPERATING TELE-MEMO

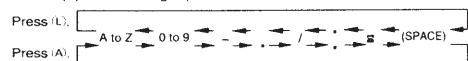
A maximum of 50 records of 8 letters and 12 numerals can be stored in memory. Press (F) or (R) to search the memory contents. Keep pressed for high speed search. Used pages are automatically stored in alphabetical order. Password function keeps memories private.

SEARCHING TELE-MEMO

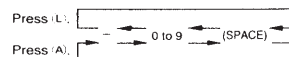


MEMORIZING NEW NUMBERS

- Press (F) or (R) in the normal data area or secret data area to search a blank page or numbers to be revised.
- Press (B) to enter new letters and numerals.
- A letter can be entered at cursor position by pressing (A) or (L). The cursor can be shifted by pressing (C). Keep pressed for high speed movement.



Note: If (F) and (R) buttons are pressed simultaneously, the display will be changed over between KATAKANA (Japanese syllables) and alphabet input modes.



- A number can be entered at the cursor position by pressing (A) or (L). The cursor can be shifted by pressing (C). Keep pressed for high speed movement. To input more names and numbers, use (F) and (R) to display a blank page or the page whose data you want to edit.

- To clear all the contents of a page, press both (A) and (L) simultaneously before memorizing letters.
- Press (B) to complete memorizing.

Scrolling the display

When the record is entered over 7 characters, the display will scroll from right to left to show the remainder of the characters.

Alteration of password

- Press (L) in password input mode.
- Press (F) four times to enter old password.
- Press (F) four times to enter new password.

OPERATING SCHEDULE-MEMO



A maximum of 50 records of 11-character message and date/time can be memorized. Beeper sounds for 20 seconds at scheduled time.

Note that the Schedule-Memo Alarm dates you set must be within one year of the current Time Display 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. Be sure that you always specify a date for the Schedule-Memo Alarm. If you leave the date as - - - -, the Schedule-Memo Alarm will not be stored in memory.

SEARCHING SCHEDULE-MEMO

When the display is converted to this SCHEDULE-MEMO, next schedule-memo will be shown. Press (F) to search the memory contents sequentially, and (R) to reverse. When it passes time written in the schedule-memo, the schedule-memo is automatically erased.

INPUTTING SCHEDULE-MEMO

- 1) Press (F) or (R) in SCHEDULE-MEMO to search a blank record or records to be revised.
- 2) Press (B) to set new letters and numerals.
- * To clear all the contents of a page, press both (A) and (L) simultaneously before memorizing letters.
- 3) A number/letter can be entered at cursor position by pressing (A) or (L). The cursor can be shifted by pressing (C). Keep pressed for high speed movement.



7 types of preset message

This simplifies input because it lets you specify any of the following messages. The record with ANV or BIRTH are not erased, when it passes its time.

No.	Abbrev.	Contents	No.	Abbrev.	Contents
1	APPT	Appointment	5	TRAVEL	Travel
2	DOCTOR	Doctor	6	ANV	Anniversary
3	MEETING	Meeting	7	BIRTH	Birthday
4	TEL	Telephone			

To input text for the optional message (11 characters), use steps 3 and 4 under "MEMORIZING DATA INTO FREE MEMO".

- 4) Press (B) to complete memorizing.

Sound demonstration

Press and hold (A) in SCHEDULE-MEMO mode to sound beeper.

OPERATING WORLD TIME



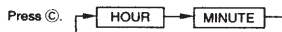
The current time of any spot in the world (standard time of 26 time zones) can be shown by pressing (F) or (R) in WORLD TIME. Standard time of zone displayed last appears first when mode is shifted from TIME to WORLD TIME.

- * For full information on city codes, see the city code table.

SETTING WORLD TIME

When one of any local standard time is set, all other standard times are automatically set.

- 1) Press (F) or (R) in WORLD TIME to select appropriate local time.
- 2) Press (B) to set time.
- 3) Press (C) to shift flashing digit(s). Digit(s) to be changed will flash.



- 4) Each press of (A) advances flashing digits one by one, and (L) to reverse. Keep pressed to move quickly.
- * The 12/24-hour format of the World Time matches the format you select in the Time Display.
- * The seconds count of the World Time is synchronized with the seconds count in the Time Display.
- 5) Press (B) to complete setting.

Auto-retrieve function

Display automatically returns to TIME if left unused for a few minutes.

CHANGING TO DAYLIGHT SAVING TIME

Hold down (A) for a few seconds while in WORLD TIME to change to daylight saving time (+ 1 hour). The daylight saving time mark "♦" is shown on the display while this setting is in effect. Repeat this procedure to switch back from daylight saving time to standard time.

- * Note that you cannot switch Greenwich Mean Time (GMT) between standard time and day light saving time.

CITY CODE TABLE

Difference between GMT	City Code	City	Difference between GMT	City Code	City
-11	-		+01	PAR	PARIS
-10	HNL	HONOLULU	+02	CAI	CAIRO
-09	ANC	ANCHORAGE	+02	JRS	JERUSALEM
-08	LAX	LOS ANGELES	+03	JED	JEDDAH
-07	DEN	DENVER	+04	DXB	DUBAI
-06	CHI	CHICAGO	+05	KHI	KARACHI
-05	NYC	NEW YORK	+06	DAC	DHAKA
-04	CCS	CARACAS	+07	BKK	BANGKOK
-03	RIO	RIO DE JANEIRO	+08	HKG	HONG KONG
-02	-		+09	TYO	TOKYO
-01	-		+10	SYD	SYDNEY
+00	GMT		+11	NOU	NOUMEA
+00	LON	LONDON	+12	WLG	WELLINGTON

OPERATING DAILY ALARM

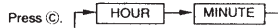
Beeper sounds for 20 seconds at preset time every day until cleared when daily alarm is set. Press any button to stop beeper. Signal sounds every hour on the hour if time signal is set.

Sound demonstration

Press and hold (A) in alarm mode to sound beeper.

SETTING DAILY ALARM

- 1) Press (B) to set new time.
- 2) Press (C) to shift flashing digit(s). Digit(s) to be changed will flash.

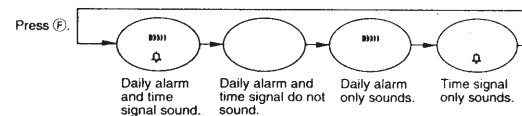


- 3) Each press of (A) advances flashing digits one by one, and (L) to reverse. Keep pressed to move quickly.
- 4) Press (B) to complete setting.

Auto-retrieve function

Display automatically returns to initial daily alarm time if left unused for a few minutes.

On or off setting of daily alarm and time signal



OPERATING COUNTDOWN ALARM

Countdown can be set from 1 minute to 24 hours (display shows 0:00'00), and times to an accuracy of 1/10 second. Start/stop operation is possible by pressing (F), and is confirmed by a signal. (Stop the timer and then press (R) to reset the countdown time to its starting value.) When display reaches zero, beeper sounds for 10 seconds until any button is pressed.

SETTING COUNTDOWN TIME

- 1) Press (B) to set new time.
- 2) Each press of (F) selects auto-repeat or repeat function. The mark (x) indicates on setting of auto-repeat function.
- 3) Press (C) to shift flashing digit(s). Digit(s) to be changed will flash.



- 4) Each press of (A) advances flashing digits one by one, and (L) to reverse. Keep pressed to move quickly.
- 5) Press (B) to complete setting.

Auto-retrieve function

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

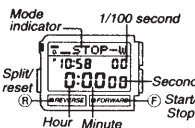
Auto-repeat function

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

Repeat function

Pre-entered time is retrieved when display reaches zero.

OPERATING STOPWATCH



A signal confirms start/stop and split/reset operation. (Working range) Total elapsed time display is limited to 23 hours 59 minutes 59.99 seconds. For longer times reset and start again.

