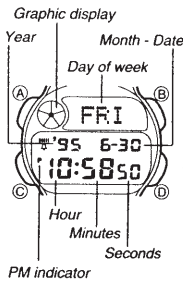
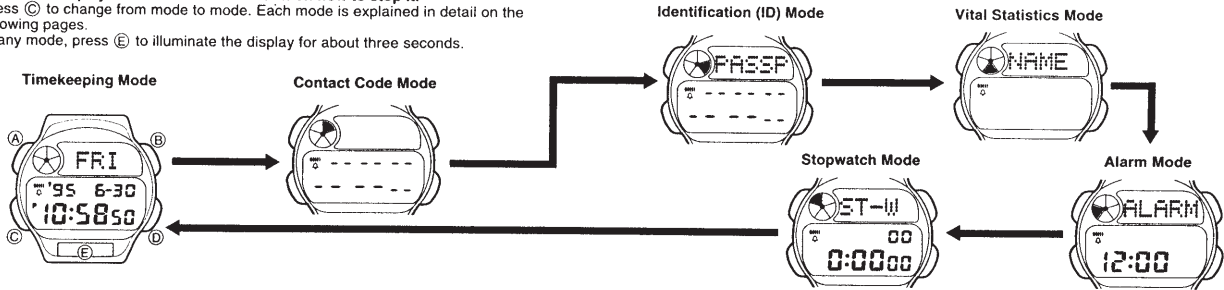


OPERATION CHART:MODULE QW-1441

GENERAL GUIDE

- If the contents of the upper part of the display seem to be continually changing, see "Auto Display Function" for information on how to stop it.
- Press (C) to change from mode to mode. Each mode is explained in detail on the following pages.
- In any mode, press (E) to illuminate the display for about three seconds.



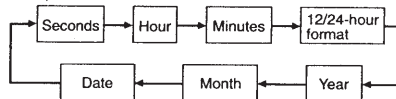
TIMEKEEPING MODE

In addition to normal timekeeping, the Timekeeping Mode is also used to set the current time and date, to turn the backlight alarm on and off, and to view emergency codes and messages.

- In the Timekeeping Mode, Graphic Display indicates counting of seconds.

To set the time and date

1. Press (A) while in the Timekeeping Mode. The seconds digits flash on the display because they are selected.
2. Press (C) to change the selection in the following sequence.



3. 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.
4. While any other digits (besides seconds) are selected (flashing), press (D) to increase the number. While the 12/24-hour setting is selected, press (D) to switch between the two formats.
- Holding down (D) changes the current selection at high speed.
- When the 12-hour format is selected, the indicator P appears on the display to indicate "p.m." times. There is no indicator for "a.m." times. Selecting the 24-hour format causes the indicator 24H to appear on the display.
5. After you set the time and date, press (A) 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, 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 Timekeeping Mode automatically.

About the backlight



In any mode, press (E) to illuminate the display for about three seconds. If the backlight alarm is turned on, the backlight flashes whenever a daily alarm or hourly time signal sounds.

Note

- For details on using the alarm function, see "Alarm Mode".
- The backlight of the watch employs an electro-luminescent (EL) light, which loses illuminating power after very long use.

- The backlight remains lit for about three seconds from the point you press (E), even if it already lit when you press (E). If you keep (E) depressed for one or two minutes, the backlight will automatically turn off.
- The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
- The backlight automatically stops illuminating whenever an alarm sounds.
- The watch will emit an audible sound whenever the display is illuminated. This is caused by a transistor that vibrates when the EL panel lights up. It does not indicate malfunction of the watch.

To switch the backlight alarm on and off

In the Timekeeping Mode, hold down (D) for one or two seconds to switch the backlight alarm on and off.

- A backlight indicator (P) appears on the display to indicate that the backlight alarm is turned on. The indicator disappears when you turn the backlight alarm off.
- When an alarm is reached while the backlight alarm is turned on, the flashing of the backlight and the timing of the alarm tones may not be exactly matched. This is normal and does not indicate malfunction.

About the emergency code and message display

The following table shows the emergency codes and messages that appear on the display.

Emergency Codes - Messages
LL-ALL WELL
I-REQUIRE DOCTOR
-SERIOUS INJURIES (not displayed)
X-UNABLE TO PROCEED
K-INDICATE DIRECTION TO PROCEED
F-REQUIRE FOOD AND WATER
JL-NOT UNDERSTOOD

Source: THE CONVENTION ON INTERNATIONAL CIVIL AVIATION ANNEX 12 SIXTH EDITION AMENDMENTS 11 [SEARCH AND RESCUE] "Ground-air visual signal code"

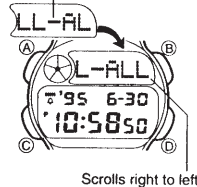
Note

- The emergency codes and messages that appear on the display of the watch are only part of the full list of codes contained in the above named source document. Also, the codes and messages produced by the watch may differ somewhat from the signal codes contained in the source document.
- Ground-air visual signal codes are letters (such as LL, I, etc.) that are written on the ground in order to communicate emergency information to aircraft flying overhead. They are part of a comprehensive system of distress codes. Ground-air visual signal codes used alone do not communicate distress messages.

To view emergency codes and messages

In the Timekeeping Mode, press (B) to change the day of the week display to an emergency code and message display.

- Emergency codes and messages appear in the sequence shown in the "About the emergency code and message display".
- The display automatically changes back to the day of the week after the entire sequence of emergency codes and messages appear.
- Pressing (B) at any time while the emergency codes and messages are being displayed changes back to the day of the week display.

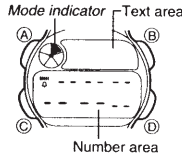


Emergency code - message

CONTACT CODE MODE

The Contact Code Mode lets you store up to 20* sets of contact data (such as telephone numbers). Stored data is sorted automatically into alphabetic sequence based on the text area text.

* The Contact Code Mode shares memory with the Identification Mode. This means that the maximum number of Contact Code Mode entries you can store is reduced by one each time you store Identification Mode.

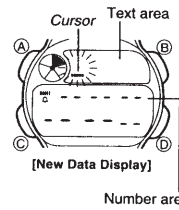


To check remaining memory

In the Contact Code Mode, hold down (B) and (D) to display how much memory remains for input of data. The value that appears shows how many more data items (Contact Code Mode and ID Mode) you can input.

- This watch has three built-in ID Mode titles, which are programmed in memory when you first purchase the watch and which are automatically set whenever the watch's battery is replaced. Because of this, the remaining memory display shows a value of 17 (20 - 3) whenever it is performed immediately after you purchase the watch or have the batteries changed.

To input new Contact Code data



- In the Contact Code Mode, press (B) or (D) until the new data display appears.
 - If there is no Contact Code data stored in memory yet, the new data display appears as soon as you enter the Contact Code Mode.
 - If the message FULL appears in the text area, it means that memory is full. To store more data, you will first have to delete some of the data stored in memory.
- Press (A) and a cursor appears in the text area.
- Input a name in the text area and a contact number in the number area.
 - You can input up to eight characters in the text area, and 12 digits in the number area.

Use (B) and (D) to input characters, and (C) to move the cursor around the display. For details, see "How to input characters".

- Make sure that you distinguish between the letter 0 and the number 0 (zero). Inputting a zero for the letter 0 will affect automatic sorting.
- After inputting your data, press (A) to store it and return to the Contact Code Mode.
- The text area can show only five characters at a time, so longer messages scroll continuously right to left.

To recall Contact Code data

In the Contact Code Mode, press (D) to scroll forward through stored data items or (B) to scroll in reverse.

- Holding down either button scrolls through the data at high speed.
- The data item that is displayed when you exit the Contact Code Mode is still displayed the next time you enter the Contact Code Mode.

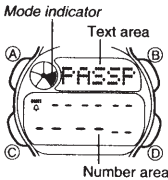
To edit Contact Code data items

- In the Contact Code Mode, scroll through the data items and display the one you want to edit.
- Press (A) and a cursor appears in the text area.
- Use (C) to move the cursor to the character you want to change.
- Change the character.
 - See "How to input characters" for details.
- After making the changes that you want, press (A) to store it and return to the Contact Code Mode.

To delete Contact Code data

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

IDENTIFICATION (ID) MODE



With the Identification (ID) Mode, you can input up to 20* sets of data, each of which contains a title (such as passport, credit card, etc.) and a number. Data is automatically sorted into the alphabetic sequence of the titles.

* The ID Mode shares memory with the Contact Code Mode. This means that the maximum number of ID Mode entries you can store is reduced by one each time you store Contact Code Mode.

Important!

The ID Mode is useful for storing important data like passport numbers, licence numbers, credit card numbers, etc. Note, however, that storing such important data in the watch's memory runs the risk of it being misused should you lend the watch to someone, or should the watch become lost or stolen. Because of this, the manufacturer strongly recommends that you store such important information in coded form that cannot be understood by others.

Note that CASIO COMPUTER CO., LTD. shall not be held liable to you or any third party for any losses or damages suffered through the misuse of data stored in the memory of this watch.

About titles

- This watch has three built-in ID Mode titles: PASSPORT, LICENSE, and CREDIT (credit card). You can use these built-in titles as they are, append eight more characters to a built-in title (to indicate a credit card company name, for example), or change a built-in title to a different one.
- In addition to the three built-in titles, you can also input your own titles, up to eight characters long.
- You can input more than one set of data using the same title.

About automatic sorting

ID Mode data items are automatically sorted according to their titles. The three built-in titles come first, followed by the titles you input, in alphabetical order.

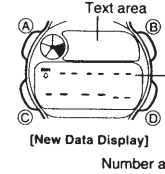
To check remaining memory



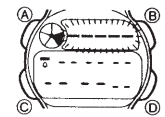
In the ID Mode, hold down (B) and (D) to display how much memory remains for input of data. The value that appears shows how many more data items (Contact Code Mode and Identification Mode) you can input.

- This watch has three built-in ID Mode titles, which are programmed in memory when you first purchase the watch and which are automatically set whenever the watch's battery is replaced. Because of this, the remaining memory display shows a value of 17 (20 - 3) whenever it is performed immediately after you purchase the watch or have the batteries changed.

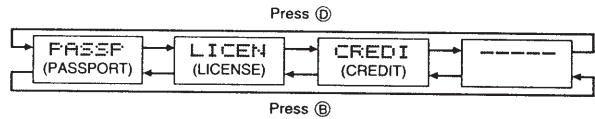
To input new ID Mode data



- In the ID Mode, press (B) or (D) until the text area of the display shows either one of the built-in titles or the new data display.
 - If the message FULL appears in the text area, it means that memory is full. To store more data, you will first have to delete some of the data already stored in memory.



- Press (A) and the characters in the text area begin to flash.
- Use (D) and (B) to display a built-in title or new title input (-----). Each press of (B) and (D) changes the selected title in the following sequence.



- The built-in titles PASSPORT, LICENSE, and CREDIT always appear in the above sequence, along with the display for input of a new title. Titles you previously created when inputting other data do not appear.

- If you want to input your own title for the data, select -----.
- Press (C) and a cursor appears in the text area.
 - Input a title in the text area and a number in the number area.
 - You can input up to eight characters in the text area, and 12 digits in the number area.

Use (B) and (D) to input characters, and (C) to move the cursor around the display. For details, see "How to input characters".

- If you are using a built-in title, you can append up to eight characters to the built-in title.
 - To use a built-in title as it is without appending text, press (C) eight times to move the cursor to the number area.
- After inputting your data, press (A) to store it and return to the normal ID Mode data display.
- The text area can show only five characters at a time, so longer titles scroll continuously right to left.

To recall ID Mode data

In the ID Mode, press (D) to scroll forward through stored data items or (B) to scroll in reverse.

- Holding down either button scrolls through the data at high speed.
- The data item that is displayed when you exit the ID Mode is still displayed the next time you enter the ID Mode.

To edit ID Mode data items

- In the ID Mode, scroll through the data items and display the one you want to edit.
- Press (A) and the characters in the text area begin to flash.
 - You can also use this procedure to edit built-in title names.
- Use (C) to move the cursor to the character you want to change.
- Change the character.
 - See "How to input characters" for details.
- After making the changes that you want, press (A) to store it and return to the ID Mode.

To delete ID Mode data items

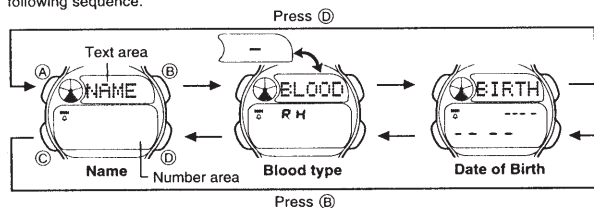
- In the ID Mode, scroll through the data items and display the one you want to delete.
- Press (A) and the characters in the text area begin to flash.
- Press (B) and (D) at the same time to delete the ID data item.
- Press (A) to return to the ID Mode.

VITAL STATISTICS MODE

The Vital Statistics Mode provides space in memory for storage of your name, blood type, and the date of your birth.

To recall Vital Statistics data

In the Vital Statistics Mode, press (D) or (B) to change the data on the display in the following sequence.

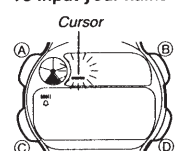


- The name display always appears first whenever you enter the Vital Statistics Mode.

Important!

- In the blood type display, the text area shows the blood type (A, B, O, AB) and the number area indicates the Rh factor (+ or -). If no blood type data is stored in memory (after you purchase the watch or have the battery replaced), the text area shows "-" and the number area shows "RH". Since these indicators can easily be misunderstood as meaning "RH negative," we recommend that you input the correct blood type data as soon as possible when necessary.
- Use the Vital Statistics Mode to store your own personal data (name, blood type, date of birth). Once you input your personal data, take care that the watch is not borrowed by another person. Otherwise, emergency medical personnel may assume that your data in the Vital Statistics Mode applies to the person who borrowed the watch.
- Data stored in the Vital Statistics Mode is cleared when you have the battery of the watch replaced. Be sure to input data again after battery replacement.

To input your name

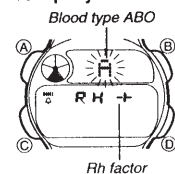


- In the Vital Statistics Mode, display the NAME screen.
- Press (A) and a cursor appears in the text area.
- Input your name into the text area.
 - You can input up to 20 characters for your name.

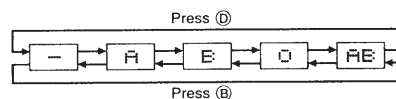
Use (B) and (D) to input characters, and (C) to move the cursor around the display. For details, see "How to input characters".

- You can clear the characters currently input for the name by pressing (B) and (D) at the same time.
- After inputting your data, press (A) to store it and return to the normal NAME screen.
- The text area can show only five characters at a time, so a longer name scrolls continuously right to left.

To input your blood type

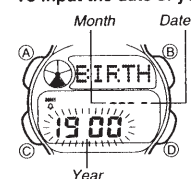


- In the Vital Statistics Mode, display the BLOOD screen.
- Press (A) and the blood type ABO appears in the text area.
- Use (B) and (D) to scroll through the available blood types in the following sequence:



- Press (C) to advance to specification of the Rh factor.
 - At this time the current Rh factor (- or +) will flash on the display.
- Press (B) or (D) to select either - (negative) or + (positive).
- After inputting your data, press (A) to store it and return to the normal BLOOD screen.

To input the date of your birth

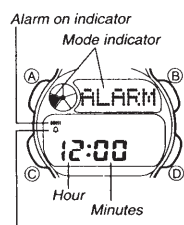


- In the Vital Statistics Mode, display the BIRTH screen.
- Press (A) and the year digits flash in the number area because they are selected.
- Press (C) to change the selection in the following sequence:



- Press (D) to increase the selected digits and (B) to decrease them. Holding down either button changes the selected digits at high speed.
- The year can be set in the range of 1900 to 2039.
- After inputting your data, press (A) to store it and return to the normal BIRTH screen.

ALARM MODE



Hourly time signal on indicator

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.

To set the alarm time

- Press (A) while in the Alarm Mode. The hour digits flash on the display because they are selected.
 - This operation will switch the Daily Alarm on automatically.
- Press (C) to change the selection in the following sequence.

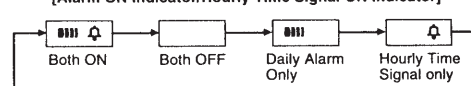


- Press (D) to increase the selected digits. Holding down (D) changes the selection at high speed.
 - The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
 - When setting the alarm time using the 12-hour format, take care to set the time correctly as morning (no indicator) or afternoon (P).
- After you set the alarm time, press (A) to return to the Alarm Mode.

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

Press (D) while in the Alarm Mode to change the status of the Daily Alarm and Hourly Time Signal in the following sequence.

[Alarm ON Indicator/Hourly Time Signal ON Indicator]

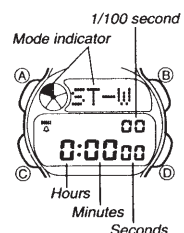


To test the alarm

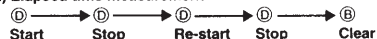
Hold down (B) while in the Alarm Mode to sound the alarm.

STOPWATCH MODE

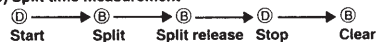
The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 23 hours, 59 minutes, 59.99 seconds.



(a) Elapsed time measurement



(b) Split time measurement



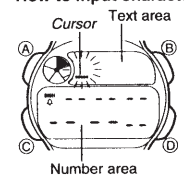
(c) Split time and 1st-2nd place times



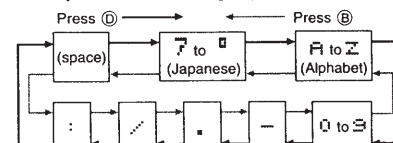
INPUTTING TEXT

The following describes how to input text in the Contact Code Mode, ID Mode, and Vital Statistics Mode.

How to input characters



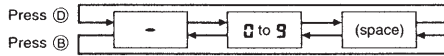
- When the cursor is blinking in the text area, use (D) and (B) to scroll through the available letters, numbers and symbols, in the following sequence.



- Holding down either button scrolls through at high speed.
 - You can input Japanese characters (katakana), English alphabetic characters, numbers, and symbols in the text area. For a complete list of characters you can input, see the "Character List" at the end of this manual.
- When the character you want at the cursor position is shown, press (C) to move the cursor to the right.

3. Repeat steps 1 and 2 until your text is complete.

- The text area in the Contact Code Mode and ID Mode can hold up to eight characters. When the cursor is located at the eighth space of the text area in these modes, 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 (D) or (B) changes the input at the current cursor location in the following sequence:



- 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).

AUTO DISPLAY FUNCTION



The Auto Display function continually changes the emergency codes and messages in the upper part of the display. Note that you cannot use any of the watch's other functions while the Auto Display function is operating.

- See "About the emergency code and message display" for details on emergency codes and messages.

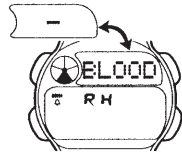
To turn the Auto Display off

Hold down (C) for about three seconds until the watch beeps.

To turn Auto Display on

Hold down (C) for about three seconds until the watch beeps.

BLOOD TYPE DISPLAY



In the blood type display of the Vital Statistics Mode, the upper part of the display shows the blood type (A, B, O, AB) and the lower part of the display indicates the Rh factor (+ or -). If no blood type data is stored in memory (after you purchase the watch or have the battery replaced), the upper display shows "-" and the lower display shows "RH". Since these indicators can easily be misunderstood as meaning "RH negative," we recommend that you input the correct blood type data as soon as possible when necessary.

AUTO DISPLAY FUNCTION



This watch has an Auto Display function that continually changes the contents of the upper display. If the contents of the upper part of the display seem to be continually changing when you purchase this watch, it means that the Auto Display function is turned on. You will not be able to use any of the watch's other functions while the Auto Display function is operating.

To turn off the Auto Display function, hold down the watch's lower left button for about two or three seconds, until the watch beeps.

CAUTION

The following causes all data stored in memory to be deleted. Be sure to always keep separate written copies of all important data.

Malfunction or repairs / Dead battery / Battery replacement

Note the following important points concerning personal data stored in the memory of this watch.

- Personal data stored in the memory of this watch runs the danger of being misused whenever the watch is in the hands of another party.
- To protect against the misuse of personal data, input it in coded form that cannot be understood by others.
- CASIO COMPUTER CO., LTD. shall not be held liable to you or any third party for any losses or damages suffered through the misuse of data stored in the memory of this watch.

CHARACTER LIST

1	space	14	ス	27	い	40	5
2	ア	15	セ	28	ヒ	41	リ
3	イ	16	ソ	29	フ	42	ル
4	ウ	17	タ	30	ハ	43	レ
5	エ	18	チ	31	ホ	44	ロ
6	オ	19	ツ	32	マ	45	ワ
7	カ	20	テ	33	メ	46	ワ
8	キ	21	ト	34	ヤ	47	ウ
9	ク	22	ナ	35	ユ	48	フ
10	ケ	23	ニ	36	エ	49	リ
11	コ	24	ノ	37	ヘ	50	ホ
12	ク	25	ネ	38	イ	51	リ
13	シ	26	ル	39	エ	52	キ

53	ツ	65	G	77	S	89	4
54	ト	66	H	78	T	90	5
55	ナ	67	I	79	U	91	6
56	エ	68	J	80	V	92	7
57	ニ	69	K	81	W	93	8
58	ロ	70	L	82	X	94	9
59	ア	71	M	83	Y	95	-
60	エ	72	N	84	Z	96	.
61	C	73	O	85	0	97	/
62	D	74	P	86	1	98	:
63	E	75	Q	87	2		
64	F	76	R	88	3		