

CASIO

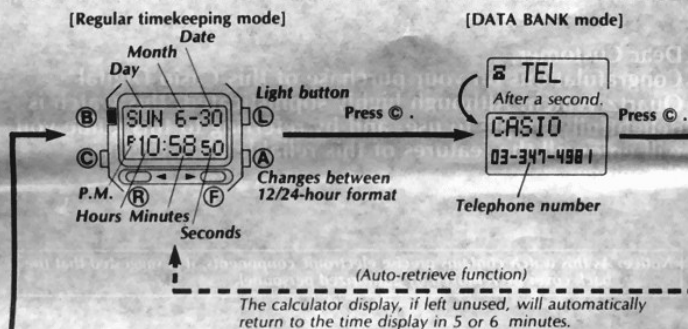
Module No. 285

User's Guide

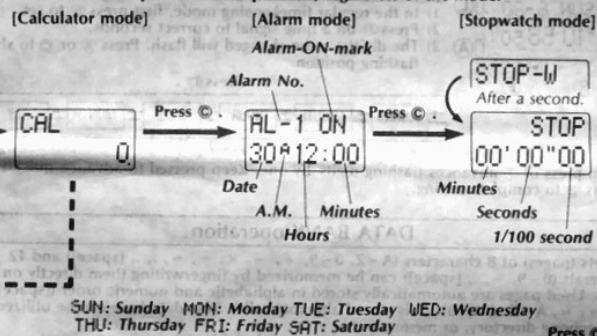
Dear Customer,
Congratulations on your purchase of this Casio Digital Quartz Watch. Although highly sophisticated, this watch is delightfully simple to use, and by referring to this guide you will enjoy all the features of this reliable ultra-precise timepiece.

Notice: As this watch contains precise electronic components, it is suggested that the back cover be removed by authorized personnel.

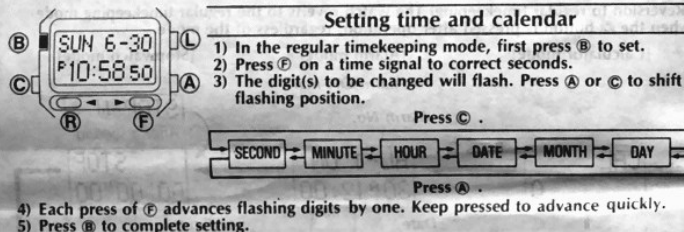
Reading the display



(Reversion to regular timekeeping) The watch reverts to the regular timekeeping mode when the C button is pressed after operation, regardless of the mode.

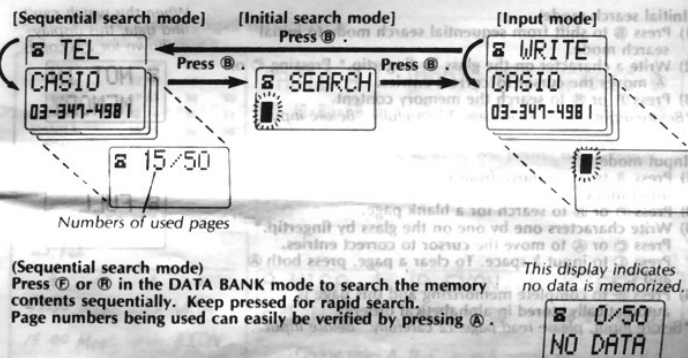


Setting time and calendar



DATA BANK operation

- 50 sets (pages) of 8 characters (A-Z, 0-9, +, -, ×, ÷, =, :, ., [space]) and 12 numerals (0-9, -, ., [space]) can be memorized by fingerwriting them directly on the glass. Used pages are automatically stored in alphabetic and numeric order ([space], :, +, -, =, A-Z, ., 1-9). (0 is stored alphabetically). This data base can be utilized as a telephone directory, or memo.
- This watch has two search methods — sequential and initial (by fingerwriting).



(Initial search mode)

- Press B to shift from sequential search mode to initial search mode.
- Write a character on the glass by fingertip. Pressing C or A moves the cursor to correct entries.
- Press F or B to search the memory content.
*Before input, please read page 12 carefully "Before input".

When this watch can't find data, this display is shown for 2 seconds.

NOT IN MEMORY

(Input mode)

- Press B twice to move from sequential search mode to input mode.
- Press F or B to search for a blank page.
- Write characters one by one on the glass by fingertip. Press C or A to move the cursor to correct entries. Press C to input a space. To clear a page, press both A and C.
- Press B to complete memorizing and this page is automatically stored in alphabetical order.
*Before input, please read page 12 carefully "Before input".

This display indicates no blank pages.

FULL

Applications: Using pages successively

• Ex. Inputting a timetable

PARIS	17 10	30	58
LONDON	17 40	30	50
BERN	17 55	30	50
PARIS	18 14	36	52
MANILA	18 25	30	50
ROME	18 40	30	50
SEOUL	19 00	30	50
PARIS	19 15	50	27

PARIS: A
17 10-30-58

PARIS: B
18 14-36-52

PARIS: C
19 15-50-27

Giving titles A, B, C, ... will permit easy retrieval of the timetable in alphabetical order.

• Ex. Inputting appointment times

25. Feb.
11:30 Meet with VISA
16:00 Meet with EXON
18:15 Meet with GE

A. VISA
2-25 11 30

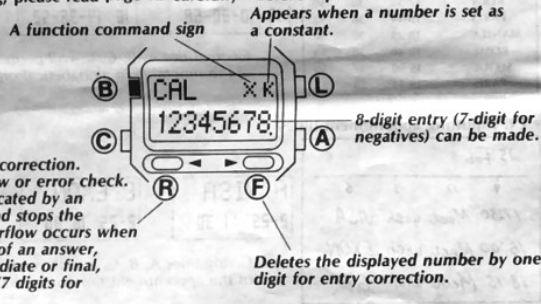
B. EXON
2-25 16 00

C. GE
2-25 18 15

Giving titles A, B, C, ... will permit easy retrieval of the appointment times in alphabetical order.

Calculator operation

- Calculations can be performed by fingerwriting numerals and command signs in formula sequence on the glass. Before calculating, please read page 12 carefully "Before input".



Be sure to press the B button when starting calculations.

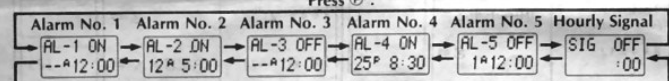
EXAMPLE	OPERATION	READ-OUT	EXAMPLE	OPERATION	READ-OUT
Basic calculation: $(12 - 0.5) \times 3 \div 7 = 4.9285714...$	$\text{B} / 2 - 5 \times 3 \div 7 =$	49285714	$3 \times 4 = 12$	$\text{B} 4 \times 3 =$	12
Constant calculation: $3 + 4 = 7$ (4 is constant) $8 + 4 = 12$	$\text{B} 4 + + 3 =$ $8 =$	7 12	$8 \times 4 = 32$	$\div 8 =$	32
$3 - 4 = -1$	$\text{B} 4 - - 3 =$	-1	$3 \div 4 = 0.75$	$\text{B} 4 \div \div 3 =$	0.75
$8 - 4 = 4$	$8 =$	4	$8 \div 4 = 2$	$8 =$	2
			$25^2 = 625$	$\text{B} 25 \times \times =$	625
			$25^3 = 15625$	$=$	15625
			$25^4 = 390625$	$=$	390625

Five alarm times mode

Five alarm times can be set up to a month ahead independently. The alarm buzzer sounds for 20 seconds. To stop the buzzer, press any button.
(Sound demonstration) Press and hold (A) in each alarm mode to sound the buzzer. (Alarm-ON/OFF setting) In each alarm mode, every time (L) button is pressed, the alarm will be ON or OFF.

(Setting hourly time signal) In time signal mode (SIG), each press of (L) turns, the signal ON or OFF. When the signal is ON, the watch chimes every hour on the hour.
(Presetting alarm times)

1) Press (B) or (R) in the alarm mode to select an Alarm No.
Press (B).



2) Press (B) to set new alarm time. Press (B).
3) Each press of (B) advances flashing digits by one.* Keep pressed to advance quickly.
4) Each press of (A) shifts the flashing digits.**
5) Press (B) to complete setting.

*When the watch is in the 24-hour system, the alarm time is displayed also in that system.
**If a "--" sign is set in the date digits, it can be used as a daily alarm.

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Before input

- To input characters, write them directly on the glass with your fingertip. (No input is possible with a fingernail or pen).
- Write figures or alphabets slowly and carefully using the whole space of the glass, checking your entries on the display.
- Be sure to stop your finger whenever it comes to an inflection point of a figure or alphabet, and then move the finger again.
- When writing a figure, symbol or letter with multiple strokes, move your fingertip off the glass at the end of each stroke, and start the following stroke immediately.
- Making strokes not in the specified order or directions may input a wrong character.
- *Please read carefully "Notes on how to input".
- Input may become difficult in low temperatures or when the air is too dry.
- Avoid operation when moisture or dirt are present on the watch face. Wipe off with a dry, soft cloth.
- When writing with the watch off your wrist, the back of the case should be in contact with your hand or arm.
- A special process has been used in manufacturing the crystal surface to allow the touch sensor function. This is protected with a special coating to resist dirt and scratches. Special care should be given to the crystal. This care should include avoiding scratches if at all possible as this can cause touch key sensor input problems.

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Specifications

Accuracy at normal temperature: ± 15 seconds per month
Display capacity:

- Regular timekeeping mode
- Hours, minutes, seconds, am/pm, month, date and day
- Time system: Changeover between 12- and 24-hour formats
- Calendar system: Auto-calendar pre-programmed until the year 2019

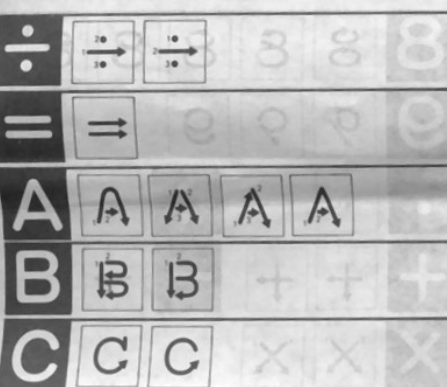
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Notes on how to input

The following points should be observed when you write figures:

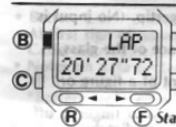


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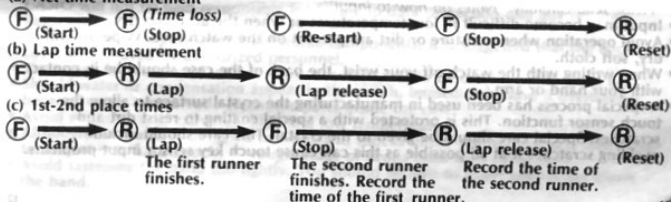
Stopwatch operation



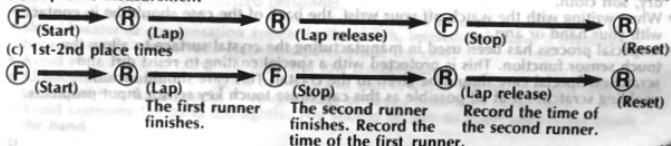
A signal confirms start/stop operation.
(Working range) The stopwatch display is limited to 59 minutes 59.99 seconds. Thereafter it can be reset and started again.

Lap/reset button (R) Start/stop button (F)

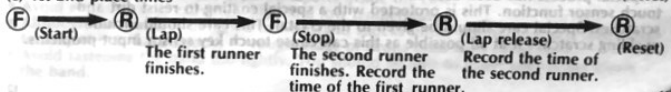
(a) Net time measurement



(b) Lap time measurement



(c) 1st-2nd place times



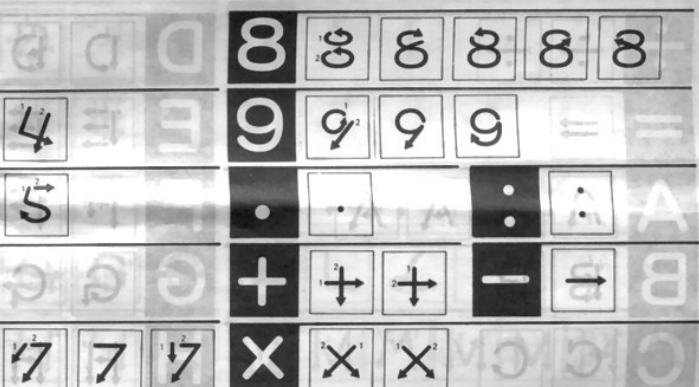
Care of your watch

- Battery Life:** 12 months battery life starts when battery is factory installed.
- At first sign of power fade (no light or dim display), renew battery at sales store or Casio distributor.
- Notes on data protection**
All input data will be deleted in the following cases:
* Battery replacement
* Dead battery
* Breakdown and repair
* Simultaneous push of buttons, (A), (B), (C), and (L)
CASIO will not be held responsible for failure in data protection and any resultant damage.
- As this watch contains precise electronic components, it is suggested that the back cover be removed by authorized personnel.
- The watch is sweat-resistant but not water-resistant. So be careful not to get it wet.
- Should water or condensation appear in the watch, immediately have it overhauled because water can corrode electronic parts inside the case.
- Avoid exposing it to extremely high and low temperatures.
- Although the watch is designed to withstand shocks under normal use, it is inadvisable to subject it to hard knocks — rough usage or drops onto hard surfaces —.
- Avoid fastening the band too tightly. You should be able to insert your finger inside the band.

DATA BANK mode

- 50 sets (pages) of 8 letters and 12 numerals can be memorized.
- * Automatic name sorting function (in alphabetic and numeric order)
- * Page numbers being used can easily be verified.
- * Initial search
- * Sequential search
- Five alarm times mode
- Five alarm times can be set up to a month ahead independently.
- Hourly time signals
- Stopwatch mode
- Measuring capacity: 59 minutes 59.99 seconds
- Measuring unit: 1/100th of a second
- Measuring modes: Normal time, net time, split time (lap) time and 1st-2nd place times
- Calculator mode
- 8 digits (7 digits for negatives)
- Abilities: Four basic calculations, chain & mixed operations, constants for $+/-$, $\times/÷$, π , e
- Overflow check: Indicated by the "OVER" sign, locking the calculator mode
- Battery: One lithium battery (Type: CR-2016)
- Approx. 12 months operation (Under following conditions: light - 1 second/day, buzzer - 20 seconds/day, calculation - 60 minutes/day)

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