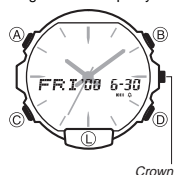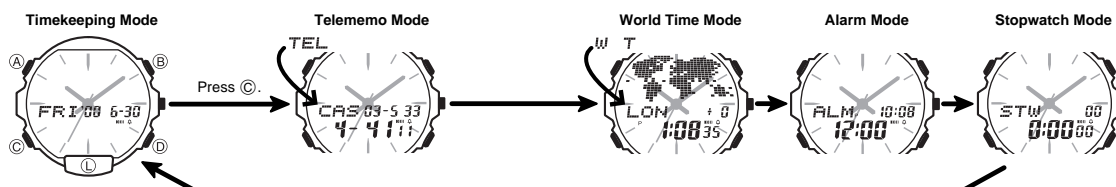## GETTING ACQUAINTED

Congratulations upon your selection of this CASIO watch. To get the most out of your purchase, be sure to carefully read this manual and keep it on hand for later reference when necessary.

- Button operations are indicated using the letters shown in the illustration.
- Each section of this manual provides you with the information you need to perform operations in each mode. Further details and technical information can be found in the "REFERENCE" section.

Crown

GENERAL GUIDE
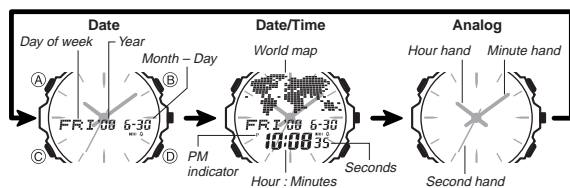
- Press Ⓒ to change from mode to mode.
- In any mode, press Ⓛ to illuminate the display.
- **If the digital display of your watch is continuously changing, see "Auto Display Function" for information on how to stop it.**

Timekeeping Mode	Telememo Mode	World Time Mode	Alarm Mode	Stopwatch Mode

Press Ⓒ.

TIMEKEEPING

Use the Timekeeping Mode to set and view the current time and date.
- In the Timekeeping Mode, press Ⓓ to change the display format as shown below.

Date	Date/Time	Analog
Day of week *Year*	*World map*	*Hour hand* *Minute hand*
Month – Day		
	PM indicator	*Seconds*
	Hour : Minutes	*Second hand*

- The time zone that corresponds to your Home City code (see below) flashes on the Date/Time screen's world map.

Read This Before You Set the Time and Date !
The digital times displayed in the Timekeeping Mode and World Time Mode are linked. Because of this, make sure you select a city code for your Home City (the city where you normally use the watch).
- This watch features separate digital and analog timekeeping. Note that the digital time and analog time are independent of each other, and must be set separately.

To set the digital time and date
City code

1. In the Timekeeping Mode, hold down Ⓐ until the second digits start to flash, which indicates the setting screen.
2. Press Ⓒ to move the flashing in the sequence shown below to select other settings.

Seconds → DST → City Code → Hour
Day ← Month ← Year ← Minutes

3. When the setting you want to change is flashing, press Ⓓ to change it as described below.

Setting	Do this...
Seconds	Press Ⓓ to reset to 00.
DST	Press Ⓓ to toggle between Daylight Saving Time and standard time. See "Daylight Saving Time (DST)" for details.
City Code, Hour, Minutes, Year, Month, Day	Press Ⓓ(+) to change the setting.

- See "CITY CODE TABLE" for a complete list of available codes.
- Pressing Ⓓ while the seconds count is in the range of 30 to 59 resets the seconds to 00 and adds 1 to the minutes. In the range of 00 to 29, the minutes count is unchanged.
4. Press Ⓐ to exit the setting screen.

Note
- The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.
- The year can be set in the range of 2000 to 2039.
- The watch's built-in full automatic calendar automatically makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch's battery replaced.

To toggle between 12-hour and 24-hour timekeeping
While the Date/Time screen is on the display in the Timekeeping Mode, press Ⓑ to toggle between 12-hour and 24-hour timekeeping for the digital time.
- With the 12-hour format, the **P** (PM) indicator appears to the left of the hour digits for times in the range of noon to 11:59 p.m. and no indicator appears to the left of the hour digits for times in the range of midnight to 11:59 a.m.
- With the 24-hour format, times are displayed in the range of 0:00 to 23:59, with **24** indicator.
- The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is also applied in all other modes.

Daylight Saving Time (DST)
Daylight Saving Time advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight Saving Time.

To toggle the Timekeeping Mode time between DST and Standard Time
1. In the Timekeeping Mode, hold down Ⓐ until the second digits start to flash, which indicates the setting screen.
2. Press Ⓒ to move the flashing to the DST On/Off setting.
3. Press Ⓓ to toggle between Daylight Saving Time and standard time.
   - Note that you cannot switch between standard time and Daylight Saving Time while GMT is selected as the city code.
4. Press Ⓐ to exit the setting screen.
   - The **DST** indicator appears on the display to indicate that daylight saving time is turned on.

GMT differential

To set the analog time
1. Pull the crown out.
   - This causes the second hand to stop.
2. Set the minute and hour hands by turning the crown.
3. Push the crown back in to restart timekeeping.

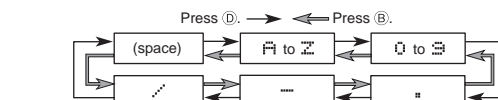## TELEMEMO

Remaining memory
Number of records stored

Telememo lets you store up to 30 records, each containing name and telephone number data. Records are automatically sorted based on the characters of the name. You can recall records by scrolling through them on the display.
- See "CHARACTER LIST" for details on how the watch sorts records.
- The name can show only three characters at a time, so longer text scrolls continuously from right to left.
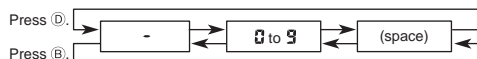- All of the operations in this section are performed in the Telememo Mode, which you enter by pressing Ⓒ.

Name   *Telephone number*

To create a new Telememo record
Text area

1. In the Telememo Mode, press Ⓑ or Ⓓ until the new data screen appears.
   - The new data screen is the one that is blank (contains no name and telephone number).
   - If the message *FULL* appears on the display, it means that memory is full. To store another record, you will first have to delete some of the records stored in memory.
2. Hold down Ⓐ until the flashing cursor (▬) appears in the text area of the display, which indicates the setting screen.
3. Use Ⓑ and Ⓓ to change the character at the cursor position in the text area. The character changes in the following sequence.

Number area
New Data screen

Press Ⓓ. ⟶   ⟵ Press Ⓑ.

(space) → A to Z → 0 to 9
. ' - ← ..... ← :

4. When the character you want is at the cursor position, press Ⓒ to move the cursor to the right.
5. Repeat steps 3 and 4 until the name is complete.
   • You can input up to eight characters for the name.
6. After you input the name, press Ⓒ as many times as necessary to move the cursor to the number area.
   • You can input up to eight characters for the name. When the cursor is located at the eighth space of the name, moving the cursor to the right causes it to jump to the first digit of the number. When the cursor is at the 12th digit of the number, moving it to the right (by pressing Ⓒ) causes it to jump to the first character in the name.
7. Use Ⓑ and Ⓓ to change the character (hyphen, number, or space) at the cursor position in the number area. The character changes in the following sequence.

Press Ⓓ.

| — | ← | 0 to 9 | ← | (space) |

Press Ⓑ.

8. When the character you want is at the cursor position, press Ⓒ to move the cursor to the right.
9. Repeat steps 7 and 8 until you complete number input.
   • You can input up to 12 digits for the number.
   • The number initially contains all hyphens. You can leave the hyphens or replace them with numbers or spaces.
10. Press Ⓐ to store your data and return to the Telememo record screen (without the cursor).
   • When you press Ⓐ to store data, the message *SORT* may appear on the display for a while, indicating that data is being sorted. After the sort operation is complete, the Telememo record screen appears.

To recall Telememo records
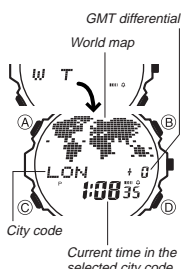In the Telememo Mode, use Ⓓ(+) and Ⓑ(–) to scroll through Telememo records on the display.

To edit a Telememo record
1. In the Telememo Mode, scroll through the records and display the one you want to edit.
2. Hold down Ⓐ until the flashing cursor appears on the display.
3. Use Ⓒ to move the flashing to the character you want to change.
4. Use Ⓑ and Ⓓ to change the character.
   • For details on inputting characters, see "To create a new Telememo record" (step 3 for name input and 7 for number input).
5. After making the changes that you want, press Ⓐ to store them and return to the Telememo record screen.

To delete a Telememo record
1. In the Telememo Mode, scroll through the records and display the one you want to delete.
2. Hold down Ⓐ until the flashing cursor appears on the display.
3. Press Ⓑ and Ⓓ at the same time to delete the record.
   • The message *CLR* appears to indicate that the record is being deleted. After the record is deleted, the cursor appears on the display, ready for input.
4. Input data or press Ⓐ to return to the Telememo record screen.

WORLD TIME

GMT differential
World map
City code
Current time in the selected city code

World Time shows the current time in 27 cities (29 time zones) around the world.
• For full information on city codes, see the "CITY CODE TABLE".
• The time zone that corresponds to the selected city code flashes on the world map.
• All of the operations in this section are performed in the World Time Mode, which you enter by pressing Ⓒ.

To view the time in another city code
While in the World Time Mode, press Ⓓ to scroll forward through the city codes (time zones) and Ⓑ to scroll back.
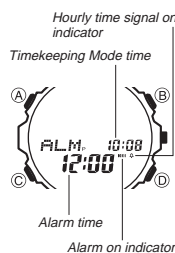• If the current time shown for a city is wrong, check your Timekeeping Mode time and Home City code settings and make the necessary changes.

To toggle a city code time between standard time and Daylight Saving Time
1. In the World Time Mode, use Ⓑ and Ⓓ to display the city code (time zone) whose standard time/Daylight Saving Time setting you want to change.
2. Hold down Ⓐ for about two seconds to toggle Daylight Saving Time (**DST** displayed) and standard time (**DST** not displayed).
   • The **DST** indicator is on the display whenever you display a city code for which Daylight Saving Time is turned on.
   • Note that the DST/Standard Time setting affects only the currently displayed city code. Other city codes are not affected.
   • Note that you cannot switch between standard time and Daylight Saving Time while *GMT* is selected as the city code.

ALARM

Hourly time signal on indicator
Timekeeping Mode time
Alarm time
Alarm on indicator

You can set a Daily Alarm. When an alarm is turned on, the alarm tone sounds when the alarm time is reached. You can also turn on an Hourly Time Signal that causes the watch to beep twice every hour on the hour.
• The alarm and Hourly Time Signal operate in accordance with the current digital time (Timekeeping Mode time).
• All of the operations in this section are performed in the Alarm Mode, which you enter by pressing Ⓒ.

To set the alarm time

1. In the Alarm Mode, hold down Ⓐ until the hour digits of the alarm time start to flash.
   • This automatically turns on the alarm.
2. Press Ⓒ to move the flashing between the hour and minutes.
3. While a setting is flashing, use Ⓓ(+) to change it.
   • When setting the alarm time using the 12-hour format, take care to set the time correctly as a.m. (no indicator) or p.m. (**P** indicator).
4. Press Ⓐ to return to the alarm display screen.

Daily Alarm Operation
The alarm sounds at the preset time each day for about 20 seconds, or until you stop it by pressing any button.
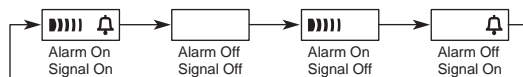• The alarm and hourly time signal sound in all modes.

To test the alarm
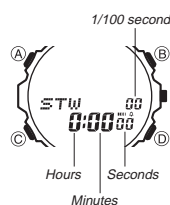In the Alarm Mode, hold down Ⓓ to sound the alarm.

To turn the Daily Alarm and Hourly Time Signal on and off
In the Alarm Mode, press Ⓑ to cycle through the on and off settings as shown below.

Alarm On Indicator/Hourly Time Signal On Indicator

))))) 🔔		)))))		🔔
Alarm On Signal On	Alarm Off Signal Off	Alarm On Signal Off		Alarm Off Signal On

STOPWATCH

1/100 second
Hours
Seconds
Minutes

The stopwatch lets you measure elapsed time, split times, and two finishes.
• The display range of the stopwatch is 23 hours, 59 minutes, 59.99 seconds.
• The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.
• The stopwatch measurement operation continues even if you exit the Stopwatch Mode.
• All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing Ⓒ.
• The time on the screen may not appear to stop immediately when you press the button to stop an elapsed time operation or perform a split time operation in the Stopwatch Mode. Despite this, the time recorded by your button operation is accurate.

To measure times with the stopwatch
Elapsed Time

Ⓓ	Ⓓ	Ⓓ	Ⓓ	Ⓑ
Start	**Stop**	**Re-start**	**Stop**	**Clear**

Split Time

Ⓓ	Ⓑ	Ⓑ	Ⓓ	Ⓑ
Start	**Split**	**Split release**	**Stop**	**Clear**

Two Finishes

Ⓓ	Ⓑ	Ⓓ	Ⓑ	Ⓑ
Start	**Split** First runner finishes.	**Stop** Second runner finishes. Record time of first runner.	**Split release** Record time of second runner.	**Clear**

REFERENCE

This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

Auto Display Function

Auto Display function of this watch continually changes the contents of the digital display. Note that you cannot use any of the watch's other functions while the Auto Display function is operating.

To turn the Auto Display off
Hold down Ⓒ for about two seconds until the watch beeps.

To turn the Auto Display on
Hold down Ⓒ for one to two seconds until the watch beeps.
• Note that the Auto Display function cannot be performed while you are making settings.

Auto Return Features
• If you leave a screen with flashing digits or a cursor on the display for two or three minutes without performing any operation, the watch automatically saves anything you have input up to that point and exits the setting screen.
• If you leave the watch in Telememo or Alarm Mode for about two or three minutes without performing any operation, it automatically changes to the Timekeeping Mode.

Data and Setting Scrolling
The Ⓑ and Ⓓ buttons are used in various modes and setting screens to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.

Initial Screens
When you enter the Telememo or World Time Mode, the data you were viewing when you last exited the mode appears first.

World Time
• The current time in all World Time Mode cities is calculated in accordance with the Greenwich Mean Time (GMT) differential for each city, based on the current Home City time setting in the Timekeeping Mode.
• Daylight Saving Time (DST) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight Saving Time.
• The GMT differential is the time difference of the time zone where the city is located from Greenwich Mean Time.
• GMT differential is calculated by this watch based on Universal Time Coordinated (UTC) data.

Backlight Precautions
In any mode, press Ⓛ to illuminate the display for about two seconds.
• The electro-luminescent panel that provides illumination loses power after very long use.
• The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
• The watch may emit an audible sound whenever the display is illuminated. This is due to vibration of the EL panel used for illumination, and does not indicate malfunction.
• The backlight automatically turns off whenever an alarm sounds.
• Frequent use of the backlight shortens the battery life.

CHARACTER LIST

1	(space)	11	J	21	T	31	3
2	A	12	K	22	U	32	4
3	B	13	L	23	V	33	5
4	C	14	M	24	W	34	6
5	D	15	N	25	X	35	7
6	E	16	O	26	Y	36	8
7	F	17	P	27	Z	37	9
8	G	18	Q	28	0	38	.
9	H	19	R	29	1	39	—
10	I	20	S	30	2	40	/

CITY CODE TABLE

City Code	City	GMT Differential	Other major cities in same time zone
–––		–11	PAGO PAGO
HNL	HONOLULU	–10	PAPEETE
ANC	ANCHORAGE	–9	NOME
LAX	LOS ANGELES	–8	SAN FRANCISCO, LAS VEGAS, VANCOUVER, SEATTLE, DAWSON CITY
DEN	DENVER	–7	EL PASO, EDMONTON
CHI	CHICAGO	–6	HOUSTON, DALLAS/FORT WORTH, NEW ORLEANS, MEXICO CITY, WINNIPEG
NYC	NEW YORK	–5	MONTREAL, DETROIT, MIAMI, BOSTON, PANAMA CITY, HAVANA, LIMA, BOGOTA
CCS	CARACAS	–4	LA PAZ, SANTIAGO, PORT OF SPAIN
RIO	RIO DE JANEIRO	–3	SAO PAULO, BUENOS AIRES, BRASILIA, MONTEVIDEO
–––		–2	
–––		–1	PRAIA
GMT LON	LONDON	+0	DUBLIN, LISBON, CASABLANCA, DAKAR, ABIDJAN
PAR	PARIS	+1	MILAN, ROME, MADRID, AMSTERDAM, ALGIERS, HAMBURG, FRANKFURT, VIENNA, STOCKHOLM, BERLIN
CAI	CAIRO	+2	ATHENS, HELSINKI, ISTANBUL, BEIRUT, DAMASCUS, CAPE TOWN
JRS	JERUSALEM		
JED	JEDDAH	+3	KUWAIT, RIYADH, ADEN, ADDIS ABABA, NAIROBI, MOSCOW
THR	TEHRAN	+3.5	SHIRAZ
DXB	DUBAI	+4	ABU DHABI, MUSCAT
KBL	KABUL	+4.5	
KHI	KARACHI	+5	MALE
DEL	DELHI	+5.5	MUMBAI, CALCUTTA
DAC	DHAKA	+6	COLOMBO
RGN	YANGON	+6.5	
BKK	BANGKOK	+7	JAKARTA, PHNOM PENH, HANOI, VIENTIANE
HKG	HONG KONG	+8	SINGAPORE, KUALA LUMPUR, BEIJING, TAIPEI, MANILA, PERTH, ULAANBAATAR
TYO	TOKYO	+9	SEOUL, PYONGYANG
ADL	ADELAIDE	+9.5	DARWIN
SYD	SYDNEY	+10	MELBOURNE, GUAM, RABAUL
NOU	NOUMEA	+11	PORT VILA
WLG	WELLINGTON	+12	CHRISTCHURCH, NADI, NAURU ISLAND

*Based on data as of June 2000.

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