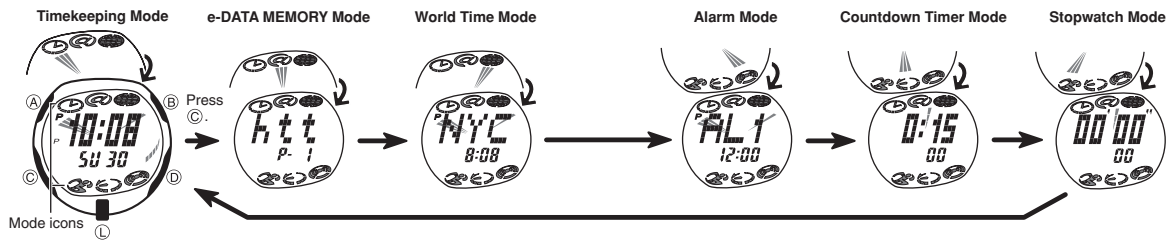


General Guide

- Press **C** to change from mode to mode.



- In any mode, press **L** to illuminate the display.
- Each mode has its own icon. When you enter a mode, the corresponding icon performs an animation sequence.

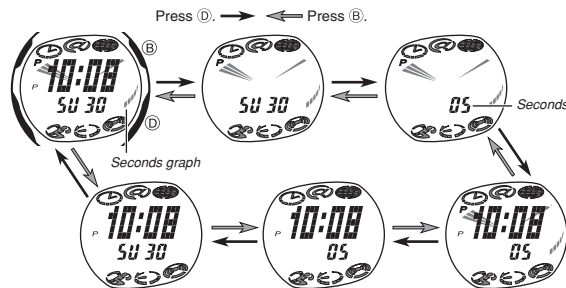
Timekeeping

Use the Timekeeping Mode to set and view the current time and date.

- In the Timekeeping Mode, the graphic analog hands indicate the same time as the digital time.
- There are two PM indicators (P), one for the digital time and one for the graphic analog hands.

To select the Timekeeping Mode display format
Use **D** and **B** to cycle through the available screen formats as shown below.

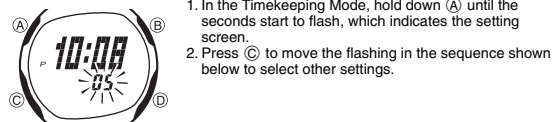
- The screens that include graphic analog hands also have a graph that counts seconds (seconds graph).



Read This Before You Set the Time and Date !

The 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) before you set the time and date.

To set the time and date



- When the setting you want to change is flashing, use **D** and **B** to change it as described below.

Setting	Screen	Button Operations
Seconds	10:00 05	Press D to reset to 00.
DST	DST OFF	Press D to toggle between Daylight Saving Time (DST) and Standard Time (OFF).
City code	TYO 10:00	Use D (+) and B (-) to change the setting.
Hour, Minutes	10:00 05	
12/24-Hour Format	10:00 12 H	Press D to toggle between 12-hour (12H) and 24-hour (24H) timekeeping.
Year, Month, Day	20 02 8-30	Use D (+) and B (-) to change the setting.

- For full information on city codes, see the "City Code Table".
- See "Daylight Saving Time (DST)" for details about DST setting.
- 4. Press **A** to exit the setting screen.
- With the 12-hour format, the P (PM) indicator appears on the display for times in the range of noon to 11:59 p.m., and no indicator appears 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, without any indicator.
- The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is applied in all modes.
- The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.

Daylight Saving Time (DST)

Daylight Saving Time (summer 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

- In the Timekeeping Mode, hold down **A** until the seconds start to flash, which indicates the setting screen.
- Press **C** to display the DST setting screen.
- Press **D** to toggle between Daylight Saving Time (DST displayed) and Standard Time (OFF displayed).
- Note that you cannot switch between Standard Time and Daylight Saving Time while DST is selected as the Home City code.
- Press **A** to exit the setting screen.
- The DST indicator appears on the display to indicate that Daylight Saving Time is turned on.



e-DATA MEMORY

You can use the watch's e-DATA MEMORY to store e-mail addresses, Web page URLs, and other text data. You can also use a password to limit access to e-DATA MEMORY contents.

- You can input up to 63 characters for each e-DATA MEMORY record. See "e-DATA MEMORY Management" for information about the number of records you can store.
- All of the operations in this section are performed in the e-DATA MEMORY Mode, which you enter by pressing **C**.

To create a new e-DATA MEMORY record

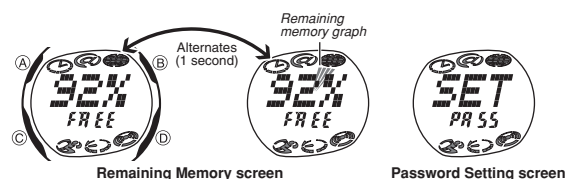
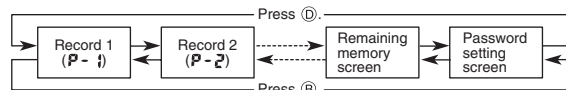
- In the e-DATA MEMORY Mode, press **D** and **B** at the same time to display the remaining memory screen.
- If 32X is shown for remaining memory, it means that memory is full. To store another record, you will first have to delete some of the records stored in memory.
- Hold down **A** until the flashing cursor (|) appears on the display, which indicates the setting screen.
- The setting screen also shows the record number that is automatically assigned to the new record.
- Input the text you want.
- When inputting the text, use **D** (+) and **B** (-) to cycle through characters at the current cursor location, and **C** to move the cursor to the right. See "Inputting Text".



- Press **A** to store your data and return to the e-DATA MEMORY record screen (without the cursor).
- Pressing **A** causes the message SET to appear for about one second as the data is stored. After that, the e-DATA MEMORY record screen appears.
- The text can show only three characters at a time, so longer text scrolls continuously from right to left. The last character is indicated by the symbol ¶ after it. Press **A** to stop and restart scrolling.
- Records are stored in memory in the sequence they are created.

To recall e-DATA MEMORY records

In the e-DATA MEMORY Mode, use **D** (+) and **B** (-) to cycle through e-DATA MEMORY records as shown below.



- The Remaining Memory screen shows remaining memory as a percent value and as a graph.
- Memory is full when the percent value shows 0% and the remaining memory graph forms a full circle.
- You can use the Password Setting screen to register, edit, or delete your password. See "Using a Password to Protect e-DATA MEMORY Data" for more information.

To edit an e-DATA MEMORY record

1. In the e-DATA MEMORY Mode, use **(D)** (+) and **(B)** (-) to display the record you want to edit.
2. Hold down **(A)** until the flashing cursor appears on the display.
3. Use **(C)** to move the flashing to the character you want to change.
4. Use **(D)** (+) and **(B)** (-) to change the character.
5. After making the changes you want, press **(A)** to store them and return to the e-DATA MEMORY record screen.

To delete an e-DATA MEMORY record

1. In the e-DATA MEMORY Mode, use **(D)** (+) and **(B)** (-) to display the record you want to delete.
2. Hold down **(A)** until the flashing cursor appears on the display.
3. Press **(B)** and **(D)** 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 **(A)** to return to the e-DATA MEMORY record screen.

Using a Password to Protect e-DATA MEMORY Data

You can register a 4-digit password to keep e-DATA MEMORY data secure.

Important!

Use a 4-digit password that is easy for you to remember, but difficult for others to decipher. If you forget the password, you will have to have your watch initialized (which deletes all data in memory) in order to access the e-DATA MEMORY again. To have the watch initialized, contact the store or dealer where you purchased it, and ask to have the AC operation performed.

To register a new password

1. In the e-DATA MEMORY Mode, use **(D)** (+) and **(B)** (-) to display the Password Setting screen.
 - This displays a screen that shows **SET PASS**.
2. Hold down **(A)** for about two seconds until **NEW** appears, with the first **(C)** flashing.
 - This is the New Password Setting screen.
3. Use **(D)** (+) and **(B)** (-) to scroll through numbers at the first digit.
4. When the first digit is the number you want, press **(C)** to advance to the next digit.
 - You cannot use **(C)** to advance to the next digit unless you input a value at the current digit first.
5. Repeat steps 3 and 4 to input all four digits of the password you want.
 - Pressing **(A)** while inputting a new password clears your input and returns to the Password Setting screen.
6. After all four of the password digits are the way you want, press **(C)** to register them.
 - Pressing **(C)** causes the message **SET** to appear for about one second as the password is stored. After that, the Password Setting screen appears.
 - After registering a password, you can input, recall, edit and delete data, if you want.
 - After you exit the e-DATA MEMORY Mode, you will have to input the password every time you want to enter it again.

To input the password

1. Enter the e-DATA MEMORY Mode.
2. On the Password Input screen (**PASS**), press **(D)** or **(B)**. This causes the first digit of the password to flash.
3. Input the password.
 - Use **(D)** (+) and **(B)** (-) to scroll through numbers at each digit.
 - Press **(C)** to advance to the next digit.
 - Pressing **(A)** while inputting the password clears your input and returns to the Password Input screen.
4. After the password is the way you want, press **(C)**.
 - If the input password matches the one registered, the message **OK!** appears, followed by an e-DATA MEMORY screen.
 - If the password does not match, the message **ERR** appears, followed by the Password Input screen.

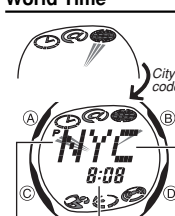
To change the password

1. Enter the e-DATA MEMORY Mode by inputting the current password.
2. Use **(D)** (+) and **(B)** (-) to display the Password Setting screen.
3. Perform the procedure starting from step 2 under "To register a new password" to specify the new password.

To delete the password

1. Enter the e-DATA MEMORY Mode by inputting the current password.
2. Use **(D)** (+) and **(B)** (-) to display the Password Setting screen.
3. Hold down **(A)** for about two seconds until **NEW** appears, with the first **(C)** flashing.
4. Press **(B)** and **(D)** at the same time to delete the password.
 - The message **CLR** appears to indicate that the password is being deleted. After the password is deleted, the Password Setting screen appears.

World Time



World Time shows the current time in 27 cities (29 time zones) around the world.

- On the World Time Mode screen, the graphic analog hands show the current Timekeeping Mode time.
- All of the operations in this section are performed in the World Time Mode, which you enter by pressing **(C)**.

To view the time in another city code
In the World Time Mode, press **(D)** to scroll through city codes (time zones) to the east or **(B)** to scroll to the west.

- For full information about city codes, see the "City Code Table".
- 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.

Current time in the zone of the selected city code
Timekeeping Mode time

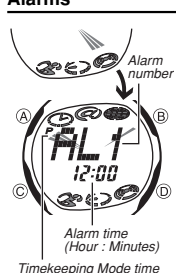
- When the currently selected time zone is one that includes mostly ocean, a value indicating the zone's Greenwich Mean Time differential appears in place of a city code.

To toggle a city code time between Standard Time and Daylight Saving Time

1. In the World Time Mode, use **(B)** and **(D)** to display the city code (time zone) whose Standard Time/Daylight Saving Time setting you want to change.
 2. Hold down **(A)** 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 **WLT** is selected as the city code.

Alarms



You can set up to five independent multi-function alarms with hour, minutes, month, and day. When an alarm is turned on, the alarm tone sounds when the alarm time is reached. One of the alarms is a snooze alarm, while the other four are one-time alarms that sound for 20 seconds. You can also input reminder text that appears 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 snooze alarm repeats every five minutes, up to seven times.
- On the Alarm Mode screen, the graphic analog hands show the current Timekeeping Mode time.
- Alarm settings (and Hourly Time Signal settings) are available in the Alarm Mode, which you enter by pressing **(C)**.

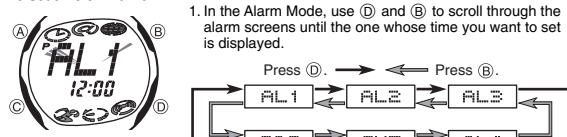
Alarm Types

The alarm type is determined by the settings you make, as described below.

- **Daily alarm**
Set the hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set.
- **Date alarm**
Set the month, day, hour and minutes for the alarm time. This type of setting causes the alarm to sound at the specific time, on the specific date you set.
- **1-Month alarm**
Set the month, hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set, only during the month you set.
- **Monthly alarm**
Set the day, hour and minutes for the alarm time. This type of setting causes the alarm to sound every month at the time you set, on the day you set.

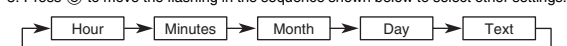
To set an alarm time

1. In the Alarm Mode, use **(D)** and **(B)** to scroll through the alarm screens until the one whose time you want to set is displayed.



- To set a one-time alarm, display one of the screens indicated by an alarm number from **AL1** through **AL4**. To set the snooze alarm, display the screen indicated by **SNZ**.

2. After you select an alarm, hold down **(A)** until the hour setting of the alarm time starts to flash, which indicates the setting screen.
 - This operation automatically turns on the alarm.
3. Press **(C)** to move the flashing in the sequence shown below to select other settings.



- Selecting the text causes the text input cursor (**|||**) to appear. There are eight spaces in the text, so you have to press **(C)** eight times to move to the Hour setting.

4. While a setting is flashing, use **(D)**, **(B)**, and **(C)** to change it as described below.

Setting	Screen	Button Operations
Hour, Minutes	SET - 12:00	Use (D) (+) and (B) (-) to change the setting. • With the 12-hour format, set the time correctly as a.m. (no indicator) or p.m. (P indicator).
Month, Day	SET - 7--	• To set an alarm that does not include a month and/or day, set -- for each setting.
Text	 - 7:11	Use (D) (+) and (B) (-) to cycle through characters at the current cursor location, and (C) to move the cursor to the right. See "Inputting Text".

5. Press **(A)** to exit the setting screen.
 - If you input reminder text, the text appears in place of the alarm number.
 - If the reminder text is more than three characters, it will scroll from right to left.
 - If an alarm includes a month and/or day settings, its alarm screen alternates between the alarm time and alarm date at two-second intervals.



One-time alarm on indicator

Alarm Operation

All mode icons start to flash starting from the point the Timekeeping Mode time reaches one hour before an alarm time. This pre-alarm feature lets you know that an alarm time is about to be reached.

- When the actual alarm time is reached, the alarm tone sounds at the preset time for 20 seconds, regardless of the mode the watch is in. In the case of the snooze alarm, the alarm repeats up to seven times every five minutes until the alarm is turned off.
- To stop the alarm tone after it starts to sound, press any button.
- The pre-alarm feature works in the Timekeeping Mode only. To stop the pre-alarm after it starts, press any button. Note, however, that pressing (C) also changes to the e-DATA MEMORY Mode, while pressing (D) also changes the display format.
- If you input reminder text for an alarm, the text appears for one minute on the Timekeeping Mode screen when the alarm time is reached. You can clear the reminder text display by changing the Timekeeping Mode screen format or by exiting the Timekeeping Mode.
- Performing any one of the following operations during a 5-minute interval between snooze alarms cancels the current snooze alarm operation.
 - Displaying the Timekeeping Mode setting screen
 - Displaying the Σ WZ setting screen
 - Changing the DST setting of the Home City code in the World Time Mode

To test the alarm

In the Alarm Mode, hold down (D) to sound the alarm.

To turn an alarm on and off

- In the Alarm Mode, use (D) and (B) to select an alarm.
 - Press (A) to toggle it on and off.
- Turning on a one-time alarm (F1L 1 through F1L 4) displays the one-time alarm on indicator (III) on its Alarm Mode screen. Turning on the snooze alarm displays the snooze alarm on indicator (III) on its Alarm Mode screen.
 - The applicable alarm on indicator (III) or (III) is displayed in all modes when an alarm is turned on.
 - The applicable alarm on indicator (III) or (III) flashes while the alarm is sounding.
 - The SNZ indicator flashes during the 5-minute intervals between alarms.

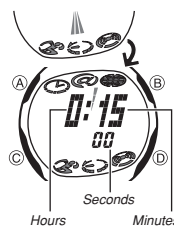
To turn the Hourly Time Signal on and off

- In the Alarm Mode, use (D) and (B) to select the Hourly Time Signal (Σ I Σ).
 - Press (A) to toggle it on (ST) and off (OFF).
- The Hourly Time Signal on indicator (A) is shown on the display in all modes while this function is turned on.



Hourly time signal on indicator

Countdown Timer



- You can set the countdown timer within a range of 1 minute to 24 hours. An alarm sounds when the countdown reaches zero.
- You can also select auto-repeat, which automatically restarts the countdown from the original value you set whenever zero is reached.
 - The initial default countdown start time when you purchase the watch or after you have its battery replaced is 15 minutes.
 - On the Countdown Timer Mode screen, the graphic analog hand moves counter-clockwise to count down the seconds.
 - Countdown timer functions are available in the Countdown Timer Mode, which you can enter using (C).

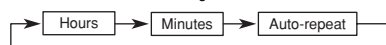
To use the countdown timer

- Press (D) while in the Countdown Timer Mode to start the countdown timer.
- When the end of the countdown is reached and auto-repeat is turned off, the alarm sounds for 10 seconds or until you stop it by pressing any button. The countdown time is automatically reset to its starting value after the alarm stops.
 - When the end of the countdown is reached and auto-repeat is turned on, the alarm sounds, but the countdown starts again automatically whenever the countdown reaches zero.
 - The countdown timer measurement operation continues even if you exit the Countdown Timer Mode.
 - Press (D) while a countdown operation is in progress to pause it. Press (D) again to resume the countdown.
 - To completely stop a countdown operation, first pause it (by pressing (D)), and then press (B). This returns the countdown time to its starting value.

To set up the countdown timer



- In the Countdown Timer Mode, hold down (A) until the hour setting of the countdown start time starts to flash, which indicates the setting screen.
- Press (C) to move the flashing in the sequence shown below to select other settings.

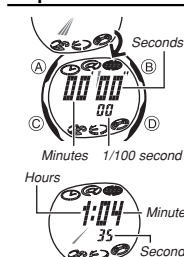


- While a setting is flashing, use (D) and (B) to change it as described below.

Setting	Screen	Button Operations
Hours, Minutes	0:15	Use (D) (+) and (B) (-) to change the setting.
Auto-repeat	REP ON	Press (D) to toggle auto-repeat on (REP) and off (OFF).

- To specify a countdown start time of 24 hours, set 0:00.
- Press (A) to exit the setting screen.
- The auto-repeat on indicator (L) appears on the display while this function is turned on.
- Frequent use of auto-repeat and the alarm can run down battery power.

Stopwatch



The stopwatch lets you measure elapsed time, split times, and two finishes.

- The display range of the stopwatch is 23 hours, 59 minutes, 59 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.
- Exiting the Stopwatch Mode while a split time is frozen on the display clears the split time and returns to elapsed time measurement.
- On the Stopwatch Mode screen, the graphic analog hand moves clockwise to count the seconds.
- All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing (C).

More than 60 minutes

To measure times with the stopwatch

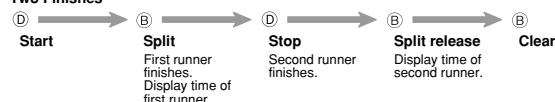
Elapsed Time



Split Time



Two Finishes



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



Auto Display continually changes the contents of the digital display.

To turn off Auto Display

Press any button (except for (L)) to turn off Auto Display. This returns to the Timekeeping Mode.

To turn on Auto Display

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

- Note that Auto Display cannot be performed while a setting screen is on the display.

Auto Return Features

- If you leave the watch in the e-DATA MEMORY or Alarm Mode for two or three minutes without performing any operation, it automatically changes to the Timekeeping Mode.
- 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 any settings you have made up to that point and exits the setting screen.

Data and Setting Scrolling

The (B) and (D) 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 e-DATA MEMORY, World Time, or Alarm Mode, the data you were viewing when you last exited the mode appears first.

Timekeeping

- Resetting the seconds to 00 while the current count is in the range of 30 to 59 causes the minutes to be increased by 1. In the range of 00 to 29, the seconds are reset to 00 without changing the minutes.
- 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.

e-DATA MEMORY Management

e-DATA MEMORY can hold up to 315 characters total, while each record can contain up to 63 characters. The maximum number of records depends on the number of characters per record, as shown below.

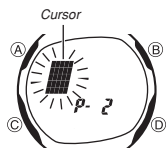
- 63 characters per record: 5 records
- 7 characters per record: 40 records

When you purchase the watch, e-DATA MEMORY contains one record, with the text: <http://world.casio.com>. This text is also stored automatically whenever memory contents are cleared by battery replacement.

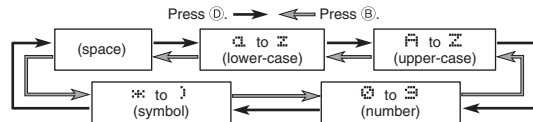
Inputting Text

The following describes how to input text in the e-DATA MEMORY and Alarm Modes.

To input characters



- When the cursor is on the display, use **A** and **B** to cycle through the available letters, numbers and symbols, in the sequence shown below.



- When the character you want is at the cursor position, press **C** to move the cursor to the right.
 - Repeat steps 1 and 2 to input the rest of the characters you want.
- See the "Character List" for information about the characters you can input.

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.
- 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

The backlight uses an EL (electro-luminescent) panel that causes the entire display to glow for easy reading in the dark. In any mode, press **D** 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

a	á	n	ñ	A	À	N	N	0	0	@	á	·	''
b	é	o	ó	B	É	O	Ó	1	1	~	~	·	^
c	ç	p	þ	C	Ç	P	Þ	2	2	/	/	&	§
d	á	q	á	D	Á	Q	Á	3	3	\	\	=	≡
e	é	r	r	E	É	R	R	4	4	?	?	+	+
f	í	s	š	F	Í	S	Š	5	5	#	#	((
g	š	t	ť	G	Š	T	Ť	6	6	!	!))
h	Ĥ	u	Ů	H	Ĥ	U	Ů	7	7	%	%		
i	í	v	v	I	Í	V	V	8	8	.	.	=	
j	ĵ	w	w	J	Ĵ	W	W	9	9	:	:		
k	Ķ	x	š	K	Ķ	X	Š	*	*	:	:		
l	ł	y	Ÿ	L	Ł	Y	Ÿ	-	-	'	'	?	
m	ñ	z	ž	M	Ñ	Z	Ž	-	-	.	.	?	

City Code Table

City Code	City	GMT Differential	Other major cities in same time zone
-11		-11	PAGO PAGO
HNL	HONOLULU	-10	PAPEETE
ANC	ANCHORAGE	-09	NOME
LAX	LOS ANGELES	-08	SAN FRANCISCO, LAS VEGAS, VANCOUVER, SEATTLE, DAWSON CITY
DEN	DENVER	-07	EL PASO, EDMONTON
CHI	CHICAGO	-06	HOUSTON, DALLAS/FORT WORTH, NEW ORLEANS, MEXICO CITY, WINNIPEG
NYC	NEW YORK	-05	MONTREAL, DETROIT, MIAMI, BOSTON, PANAMA CITY, HAVANA, LIMA, BOGOTA
CCS	CARACAS	-04	LA PAZ, SANTIAGO, PORT OF SPAIN
RIO	RIO DE JANEIRO	-03	SAO PAULO, BUENOS AIRES, BRASILIA, MONTEVIDEO
-2		-02	
-1		-01	PRAIA
GMT		+00	DUBLIN, LISBON, CASABLANCA, DAKAR, ABIDJAN
LON	LONDON	+00	
PAR	PARIS	+01	MILAN, ROME, MADRID, AMSTERDAM, ALGIERS, HAMBURG, FRANKFURT, VIENNA, STOCKHOLM, BERLIN
CAI	CAIRO	+02	ATHENS, HELSINKI, ISTANBUL, BEIRUT, DAMASCUS, CAPE TOWN
JRS	JERUSALEM	+02	
JED	JEDDAH	+03	KUWAIT, RIYADH, ADEN, ADDIS ABABA, NAIROBI, MOSCOW
THR	TEHRAN	+3.5	SHIRAZ
DXB	DUBAI	+04	ABU DHABI, MUSCAT
KBL	KABUL	+4.5	
KHI	KARACHI	+05	MALE
DEL	DELHI	+5.5	MUMBAI, KOLKATA
DAC	DHAKA	+06	COLOMBO
RGN	YANGON	+6.5	
BKK	BANGKOK	+07	JAKARTA, PHNOM PENH, HANOI, VIENTIANE
HKG	HONG KONG	+08	SINGAPORE, KUALA LUMPUR, BEIJING, TAIPEI, MANILA, PERTH, ULANBAATAR
TYO	TOKYO	+09	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 December 2001.