## **About This Manual**



- The operational procedures for Modules 3319 and 3781 are identical. All of the illustrations in this manual show Module 3319.
- Button operations are indicated using the letters shown in the illustration.
- In the illustration.
  All of the displays in this manual show black-on-white.
  For the sake of simplicity, the sample displays in this manual do not show the analog hands of the watch.
- 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

# **General Guide**

- Press © to change from mode to mode.
- In any mode (except when a setting screen is on the display), press (B) to illuminate

Stopwatch Mode Timekeeping Mode World Time Mode Countdown Timer Mode Alarm Mode Hand Setting Mode GMT 10~08 00 00

## Timekeeping

This watch features separate digital and analog timekeeping. The procedures for setting the digital time and analog time are different.

In the Timekeeping Mode, you can press 
to change the display format as shown

[Module 3319] Day of the Week Month - Day Day of week Month - Day 6-30 Press (D) 08

Month - Day Day of the Week Hour Minutes 10:08 Press D 10:08

Use the Timekeeping Mode to set and view a digital display of the current time and date

- Use the Timekeeping Mode to set and view a digital display of the current time and date When setting the digital time, you can also configure settings for summer time (Daylight Saving Time or DST), your Home City code (the code for the city where you normally use the watch), the 12/24-hour format, and the illumination duration.

   This watch is preset with a number of city codes, each of which represents the time zone where that city is located. When setting the digital time, it is important that you select the correct city code for your Home City. If your location is not included in the preset city codes, select the preset city code that is in the same time zone as your location.

  Note that all of the times for the World Time Mode sity and account in the content of the conte
- Note that all of the times for the World Time Mode city codes are displayed in accordance with the digital time and date settings you configure in the Timekeeping Mode.
- After you correctly set your Home City time and date, you can set the watch up for timekeeping with a different city code simply by changing the Home City code in the Timekeeping Mode.

## To set the digital time and date



- In the Timekeeping Mode, hold down (A) until the seconds start to flash, which indicates the setting
- seconds start to tlash, which indicates the section.

  2. Press © twice to move the flashing to the Home City code setting (see the illustration below), and then use ® and ® to select the code you want.

   Make sure you se
- 3. Press © to move the flashing in the sequence shown below to select the other settings.



4. When the setting you want to change is flashing, use (B) and (D) to change it as

Screen	To do this:	Do this:			
36	Reset the seconds to 00	Press D.			
QF .	Toggle between Daylight Saving Time ( $\square \cap$ ) and Standard Time ( $\square \cap$	Press D.			
TYO	Change the Home City code	Use (D) (east) and (B) (west).			
*10 08 *1	Change the hour or minutes	Use () (+) and () (-).			
12H	Toggle between 12-hour (1 ⊇H) and 24-hour (⊇4H) timekeeping	Press D.			
2004	Change the year	Use () (+) and () (-).			
6-30	Change the month or day				
LT   Select three seconds or one second as the illumination duration		Press D.			

- \*1 Some models display the time as "III:III
- 5. Press (A) to exit the setting screen
- Tress (a) to exit the setting screen.
   Resetting the seconds only (without changing the DST, Home City code, hour, or minute setting) causes the analog minute hand setting to be adjusted automatically.
   See "Digital Time Daylight Saving Time (DST) Setting" below for details about the DST setting.
   The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is applied in all medice.
- applied in all modes.

   For details about illumination duration, see "Display Illumination"

Digital Time Daylight Saving Time (DST) Setting
Daylight Saving Time (summer time) advances the digital 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 digital time between DST and Standard Time



- ng Mode digital time between DST and Standard Time
  1. In the Timekeeping Mode, hold down (a) until the seconds
  start to flash, which indicates the setting screen.
  2. Press (a) conce to display the DST setting screen.
  3. Press (b) to toggle between Daylight Saving Time (BT)
  displayed) and Standard Time (BT displayed).
  4. Press (b) to exit the setting screen.
   The DST indicator appears on the Timekeeping, Alarm,
  and Hand Setting Mode to indicate that Daylight Saving
  Time is turned on.

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### Setting the Analog Time

Perform the procedure below when match the time of the digital display. re below when the time indicated by the analog hands does not



- 1. In the Timekeeping Mode, press © five times to enter the Hand Setting Mode.
  2. Hold down (a) until the current digital time starts to flash, which indicates the analog setting screen.
  3. Press (b) to advance the analog time setting by 20 seconds.

   Holding down (a) advances the analog time setting at high speed. high speed
- If you need to advance the analog time setting a long way, hold down 

  until the time starts advancing at high speed, and then press 

  This locks the high-speed hand movement, so you can release the two buttons. High-speed hand movement continues until you press any button. It will also stop automatically after the time advances 12 hours or if an alarm (daily alarm, Hourly Time Signal, or countdown beeper) starts to sound.

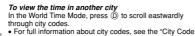
  The service of the service
- 4. Press (A) to exit the setting screen.
- The watch will automatically adjust the minute hand slightly to match its internal second count when you exit the setting screen.
  To return to the Timekeeping Mode, press ©.

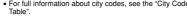
### **World Time**



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

All of the operations in this section are performed in the World Time Mode, which you enter by pressing ©





lable.

If the current time shown for a city is wrong, it probably means there is a problem with your Timekeeping Mode time and/or Home City code settings. Go to the Timekeeping Mode and make the necessary adjustments.



## To toggle a city code time between Standard Time and Daylight Saving Time 1. In the World Time Mode, use ① to display the city code whose Standard Time/Daylight Saving Time setting you



whose Standard Time/Daylight Saving Time setting you want to change.

2. Hold down (A) for about two seconds to toggle between 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 you cannot switch between Standard Time and Daylight Saving Time while GMT is selected as the city code.

## Countdown Timer



minute to 60 minutes. An alarm sounds when the countdown reaches zero. The countdown timer also has an auto-repeat feature and a progress beeper that signals

All of the operations in this section are performed in the Countdown Timer Mode, which you enter by pressing



Configuring the Countdown Timer The following are the settings you should configure before actually using the countdown timer. Countdown start time; Auto-repeat on/off; Progress beeper on/off

 See "To configure the countdown timer" for information about setting up the timer

Auto-repeat When auto-repeat is turned on, the countdown automatically restarts from the countdown start time when it reaches zero. If left running, the countdown is repeated a total of eight times, after which it stops automatically.

When auto-repeat is turned off, the countdown stops when it reaches zero and the

## Countdown Timer Beeper Operations

The watch beeps at various times during a countdown so you can keep informed about the countdown status without looking at the display. The following describes the types of beeper operations the watch performs during a countdown.

- Countdown End Beeper
  The countdown end beeper lets you know when the countdown reaches zero.

   When the progress beeper is turned off, the countdown end beeper sounds for about 10 seconds, or until you press any button to stop it.

   When the progress beeper is turned on, the countdown end beeper sounds for

Progress Beeper When the progress beeper is turned on, the watch uses beeps to signal countdown Starting from five minutes before the end of the countdown, the watch emits four countdown.

short beeps are emitted to signal when the five-minute point is reached.

Starting from five minutes before the end of the countdown, the watch emits four short beeps at the top of each countdown minute.
 30 seconds before the end of the countdown, the watch emits four short beeps.
 The watch emits a short beep for each of the last 10 seconds of the countdown.
 If the countdown start time is six minutes or greater, the watch emits a short beep for each second of the final 10 seconds before the five-minute point is reached. Four



- 1. While the countdown start time is on the display in the Countdown Timer Mode, hold down (a) until the current countdown start time starts to flash, which indicates the setting screen.
- setting screen.

  If the countdown start time is not displayed, use the procedure under "To use the countdown timer" to display it.

  Press © to move the flashing in the sequence shown below to select other settings.



3. When the setting you want to change is flashing, use 

B and 
to change it as described below.

Setting	Screen	Button Operation
Start Time	05′00	Use (iii) (+) and (iii) (-) to change the setting.  • You can set a start time in the range of 1 to 60 minutes in 1-minute increments.
Auto-repeat		Press   to toggle auto-repeat on (  toggle aut
Progress Beeper	NO4	Press $\textcircled{0}$ to toggle the progress beeper on $(\textcircled{DN})$ and off $(\textcircled{DF})$ .

- Press (A) to exit the setting screen.
   You can also perform steps 1 and 2 of the above procedure whenever you need to view the current auto-repeat and progress beeper settings.



Press (1) while in the Countdown Timer Mode to start the

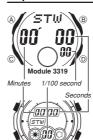
- Press (① while in the Countdown Timer Mode to start true countdown timer.

   The countdown timer operation continues even if you exit the Countdown Timer Mode.

   Press (② while a countdown operation is in progress to pause it. Press (② again to resume the countdown.

   To completely stop a countdown operation, first pause it (by pressing ①), and then press (④). This returns the countdown time to its starting value.

## Stopwatch



The stopwatch lets you measure elapsed time, split times,

- and two finishes.The display range of the stopwatch is 59 minutes 59 99 seconds

- 59.99 seconds.
   The stopwards continues to run, restarting from zero after it reaches its limit, until you stop it.
   The stopwards measurement operation continues even if you exit the Stopwartch Mode.
   Exiting the Stopwarch Mode while a split time is frozen
- on the display clears the split time and returns to elapsed time measurement. All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing ©.

## To measure times with the stopwatch

## Elapsed Time Stop Stop Start Re-start Split Time

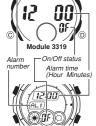


Clear

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## **Alarms**



You can set five independent Daily Alarms. When an alarm is turned on, the alarm tone sounds when the alarm time is reached. One of the alarms is a snooze alarm,

time is reached. One of the alarms is a snooze alarm, while the other four are one-time alarms. You can turn on an Hourly Time Signal that causes the watch to beep twice every hour on the hour. There are six screens in the Alarm Mode. Four are for one-time alarms (indicated by numbers from RL 1 through RL4), one is for a snooze alarm (indicated by SNZ), and one is for the Hourly Time Signal (indicated by S $\mathbb{I}$ G). 
• All of the operations in this section are performed in the Alarm Mode, which you enter by pressing  $\textcircled{\mathbb{G}}$ .

## To set an alarm time



1. In the Alarm Mode, use (D) to scroll through the alarm ... the Alam Moue, use (1) to scroll through the alar 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 AL 1 through AL 4. To set the snooze alarm, display the screen indicated by SNZ.
   The snooze alarm repeats every five minutes.

  After you select an alarm, hold down ③ until the hour setting of the alarm time
- After you select an alarm, not down (a) until the hour setting or the alarm time starts to flash, which indicates the setting screen.
   This operation automatically turns on the alarm.
   Press (a) to move the flashing between the hour and minute settings.
   While a setting is flashing, use (b) (a) and (b) (-) 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).

- 5. Press (A) to exit the setting screen.

### **Alarm Operation**

The alarm sounds at the preset time for about 20 seconds, regardless of the mode the watch is in. In the case of the snooze alarm, the alarm operation is performed a total of seven times, every five minutes, or until you turn the alarm off.

• Alarm and Hourly Time Signal operations are performed in accordance with the

- Timekeeping Mode digital time.

  To stop the alarm tone after it starts to sound, press any button
- 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 SNZ setting screen

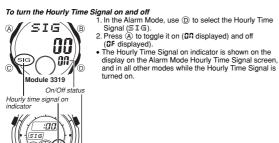
To test the alarm In the Alarm Mode, hold down ① to sound the alarm

## To turn an alarm on and off



larm on indicato (3:0)

- 1. In the Alarm Mode, use ① to select an alarm.
  ② 2. Press ④ to toggle it on (②n displayed) and off (②r displayed).
  ③ Turning on a one-time alarm (RL 1 through RL 4) displays the alarm on indicator on its Alarm Mode
- Turning on the snooze alarm (SNZ) displays the alarm on indicator and snooze alarm indicator on the Alarm Mode snooze alarm screen, and in all other modes.
- In all modes (except for the Alarm Mode), the alarm on indicator is shown for any alarm that is currently turned
- sounding.
- The snooze alarm indicator flashes during the 5-minute intervals between alarms.



## **Display Illumination**



Display illumination uses an EL (electro-luminescent) panel that causes the entire display to glow for easy reading in the dark. The watch's auto light switch reading in the dark. The watch's auto light switch automatically turns on display illumination when you angle the watch for reading towards your face.

The auto light switch must be turned on (indicated by the auto light switch indicater) for it to operate.

See "Illumination Precautions" for more important



To illuminate the display
In any mode (except when a setting screen is on the display), press (B) to turn on illumination.

- The above operation turns on illumination regardless of the current auto light switch
- You can use the procedure below to select either one second or three seconds as the illumination duration. When you press  $(\hat{\mathbb{B}})$ , the illumination will remain on for about one second or three seconds, depending on the current illumination duration setting.



- To specify the illumination duration

  1. In the Timekeeping Mode, hold down (a) until the seconds start to flash, which indicates the setting

  - sections start to itash, which indicates the setting screen.

    2. Press © nine times so the illumination duration setting screen is on the display.

    3. While the illumination duration setting is flashing, press © to toggle the setting between one second (x) and these seconds (M).
  - three seconds (\*\*).
    4. Press (A) to exit the setting screen.

## About the Auto Light Switch

While the auto light switch is enabled, illumination turns on for about one second or three seconds, whenever you position your wrist as described below in any mode.

Moving the watch to a position that is parallel to the ground and then tilting it towards you more than 40 degrees causes illumination to turn on.



- Always make sure you are in a safe place whenever you are reading the watch using the auto light switch. Be especially careful when running or engaged in any other activity that can result in accident or injury. Also take care that sudden illumination by the auto light switch does not surprise or distract
- sudden litumination by the auto fight switch upos not surprise or usually others around you.

  When you are wearing the watch, make sure that its auto light switch is turned off before riding on a bicycle or operating a motorcycle or any other motor vehicle. Sudden and unintended operation of the auto light switch can create a distraction, which can result in a traffic accident and serious personal injury.

To turn the auto light switch on and off In any mode, hold down (a) for about two seconds to toggle the auto light switch on (auto light switch indicator displayed) or off (auto light switch indicator not displayed).

• The auto light switch indicator is on the display in all modes while the auto light

in order to protect against running down the battery, the auto light switch automatically turns off approximately six hours after you turn it on.

## 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.

Graphic Area The following describes the information indicated by the graphic area in each mode

# [Module 3319]

The material and a second of the graphic area in each measure		
Mode	Graphic Area	
Timekeeping	Timekeeping Mode seconds	
World Time	Timekeeping Mode seconds	
Countdown Timer	Countdown time minutes	
Stopwatch	Stopwatch time seconds	
Alarm	No indication	
Hand Setting	No indication	

Graphic area



Mode	Graphic Area A	Graphic Area B	
Timekeeping	Timekeeping Mode seconds	Timekeeping Mode minutes	
World Time	Timekeeping Mode seconds	Timekeeping Mode minutes	
Countdown Timer	Countdown time minutes	Countdown time seconds	
Stopwatch	Stopwatch time seconds	Stopwatch time 1/10 seconds	
Alarm	No indication	No indication	
Hand Setting	No indication	No indication	

## Auto Return Feature

If you leave a screen with flashing digits on the display for two or three minutes without performing any operation, the watch automatically exits the setting screen

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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 World Time or Alarm Mode, the data you were viewing when you last exited the mode appears first.

## Timekeeping

- Imekeeping

  Resetting the seconds to 60 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 60 without changing the minutes.

  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 year can be set in the range of 2000 to 2039.

  The watch's built-in full automatic calendar 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 batteries replaced.

### **World Time**

- The World Time Mode times are calculated from the current Home City time setting in the Timekeeping Mode, using the Greenwich Mean Time (GMT) differentials
- associated with each city code.

  The GMT differential is a value that indicates the time difference between Greenwich
- Mean Time and the time zone where a city is located.
   GMT differential is calculated by this watch based on Universal Time Coordinated (UTC) data.

### Illumination Precautions

- The electro-luminescent panel that provides illumination loses power after very long
- use.

  Display illumination 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.
- Illumination automatically turns off whenever an alarm sounds
- Frequent use of the light shortens the battery life



- Auto light switch precautions

  More than 15 degrees too high

  Avoid wearing the watch on the inside of your wrist. Doing so causes the auto light switch to operate when it is not needed, which shortens battery life. If you want to wear the watch on the inside of your wrist, turn off the
  - weat the water of the make of your wist, thin in the auto light switch feature.

     Illumination may not turn on if the face of the watch is more than 15 degrees above or below parallel. Make sure that the back of your hand is parallel to the ground.
- Illumination turns off in about one second or three seconds, even if you keep the watch pointed towards your face.
- watch pointed towards your race.

  Static electricity or magnetic force can interfere with proper operation of the auto light switch. If illumination does not turn on, try moving the watch back to the starting position (parallel with the ground) and then tilt it back towards you again. If this does not work, drop your arm all the way down so it hangs at your side, and then bring it back up again.
- Under certain conditions, illumination may not turn on until about one second after you turn the face of the watch towards you. This does not necessarily indicate
- malfunction of the auto light switch.

   You may notice a very faint clicking sound coming from the watch when it is shaken back and forth. This sound is caused by mechanical operation of the auto light switch, and does not indicate a problem with the watch.

## City Code Table

HNL	City Code	City	GMT Differential	Other major cities in same time zone	
ANC			-11.0	Pago Pago	
LAX Los Angeles —08.0 San Francisco, Las Vegas, Vancouver, Seattle/Tacoma, Dawson City DEN Denver —77.0 El Paso, Edmonton CHI Chicago —06.0 Huston, Dallas/Fort Worth, New Orleans, Mexico City, Winnipag NYC New York —05.0 Monteal, Detroit, Minni, Boston, Panama City, Havana, Lima, Bogota CCS Caracas —04.0 La Paz, Santiago, Port Of Spain RIO Rio De Janeiro —03.0 Sao Paulo, Buenos Aires, Brasilia, Montevideo ————————————————————————————————————	HNL	Honolulu	-10.0	Papeete	
Dawson City  DEN Denver — 07.0 E Paso, Edmonton  CHI Chicago — 06.0 Moxico City, Winnipeg  NYC New York — 05.0 Moxico City, Winnipeg  NYC New York — 05.0 Hortreal, Detroit, Miami, Boston, Panama City, Havana, Lima, Bogota  CCS — Caracas — 04.0 La Paz, Santiago, Port Of Spain  RIO Rio De Janeiro — 03.0 Sao Paulo, Buenos Aires, Brasilia, Montevideo  ———————————————————————————————————	ANC	Anchorage	-09.0	Nome	
CHI   Chicago   -06.0   Houston, Dallas/Fort Worth, New Orleans, Mexico City, Winnipeg   NYC   New York   -05.0   Montreal, Detroit, Miami, Boston, Panama City, Havana, Lima, Bogota   Havana, Lima, Havana, Havana, Lima, Bogota   Havana, Lima, Havana, Lima, Havana, Lima, Havana, Lima, Bogota   Havana, Lima, Havana, Lima, Havana, Lima, Havana, Lima, Havana, Lima,	LAX	Los Angeles	-08.0		
NYC	DEN	Denver	-07.0		
Havana, Lima, Bogota	CHI	Chicago	-06.0	Houston, Dallas/Fort Worth, New Orleans, Mexico City, Winnipeg	
RiO Be Janeiro	NYC	New York	-05.0		
		Caracas	-04.0	La Paz, Santiago, Port Of Spain	
CAI	RIO	Rio De Janeiro	-03.0	Sao Paulo, Buenos Aires, Brasilia, Montevideo	
GMT   Condon   +00.0   Dublin, Lisbon, Casablanca, Dakar, Abidjan			-02.0		
Dublin, Lisbon, Casabianca, Dakar, Abojan			-01.0	Praia	
LON	GMT		.00.0	Dublin Lichen Cacablanca Dakar Abidian	
Hamburg, Frankfurt, Vienna, Stockholm	LON	London	+00.0	Dubiiri, Lisbori, Gasabiarica, Dakar, Abidjan	
USB			+01.0	Hamburg, Frankfurt, Vienna, Stockholm	
JRS		Cairo	.02.0		
THR	JRS	Jerusalem	+02.0	Cape Town	
DXB         Dubai         +04.0         Abu Dhabi, Muscat           KEL         Kabu         +04.5           KHI         Karachi         +05.0         Male           DEL         Delhi         +05.5         Mumbai, Kolkata           DAC         Dhaka         +06.0         Colombo           RGN         Yangon         +06.5         BKK           BKK         Bangkok         +07.0         Jakarta, Phnom Penh, Hanoi, Vientiane           HKG         Hong Kong         +08.0         Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar					
KBL         Kabul         +04.5           KHI         Karachi         +05.0         Male           DEL         Delhi         +05.5         Mumbal, Kolkata           DAC         Dhaka         +06.0         Colombo           RGN         Yangon         +06.5         Edward           BKK         Bangkok         +07.0         Jakarta, Phnom Penh, Hanoi, Vientiane           HKG         Hong Kong         +08.0         Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar		Tehran			
KHI         Karachi         +05.0         Male           DEL         Delhi         +05.5         Mumbal, Kolkata           DAC         Dhaka         +06.0         Colombo           RGN         Yangon         +96.5         September 1           BKK         Bangkok         +07.0         Jakarta, Phnom Penh, Hanoi, Vientiane           HKG         Hong Kong         +08.0         Singapore, Kuala Lumpur, Beijing, Taipel, Manila, Perth, Ulaanbaatar			+04.0	Abu Dhabi, Muscat	
DEL Delhi +05.5 Mumbai, Kolkata DAC Dhaka +06.0 Colombo RGN Yangon +06.5 BKK Bangkok +07.0 Jakarta, Phnom Penh, Hanoi, Vientiane HKG Hong Kong +08.0 Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar					
DAC Dhaka +08.0 Colombo RGN Yangon +08.5 BKK Bangkok +07.0 Jakarta, Phnom Penh, Hanoi, Vientiane HKG Hong Kong +08.0 Singapore, Kuala Lumpur, Beijing, Taipel, Manila, Perth. Ulaanbaatar		Karachi	+05.0	Male	
RGN Yangon +06.5 BKK Bangkok +07.0 Jakarta, Phnom Penh, Hanoi, Vientiane HKG Hong Kong +08.0 Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar					
BKK Bangkok +07.0 Jakarta, Phnom Penh, Hanoi, Vientiane HKG Hong Kong +08.0 Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar				Colombo	
HKG Hong Kong +08.0 Singapore, Kuala Lumpur, Beijing, Taipei, Manila, Perth, Ulaanbaatar					
Perth, Ulaanbaatar	BKK	Bangkok	+07.0		
TYO Tokyo +09.0 Seoul, Pyongyang	HKG	Hong Kong	+08.0		
	TYO	Tokyo	+09.0	Seoul, Pyongyang	
ADL Adelaide +09.5 Darwin	ADL	Adelaide	+09.5	Darwin	
SYD Sydney +10.0 Melbourne, Guam, Rabaul	SYD	Sydney	+10.0	Melbourne, Guam, Rabaul	
NOU Noumea +11.0 Port Vila	NOU	Noumea	+11.0	Port Vila	
WLG Wellington +12.0 Christchurch, Nadi, Nauru Island	WLG	Wellington	+12.0	Christchurch, Nadi, Nauru Island	