

DIGITAL TYPE Cal. A239
WORLD TIMER ALARM

SEIKO QUARTZ

INSTRUCTIONS

INSTRUCCIONES GEBRAUCHSANWEISUNGEN
ISTRUZIONI INSTRUÇÕES 用法説明

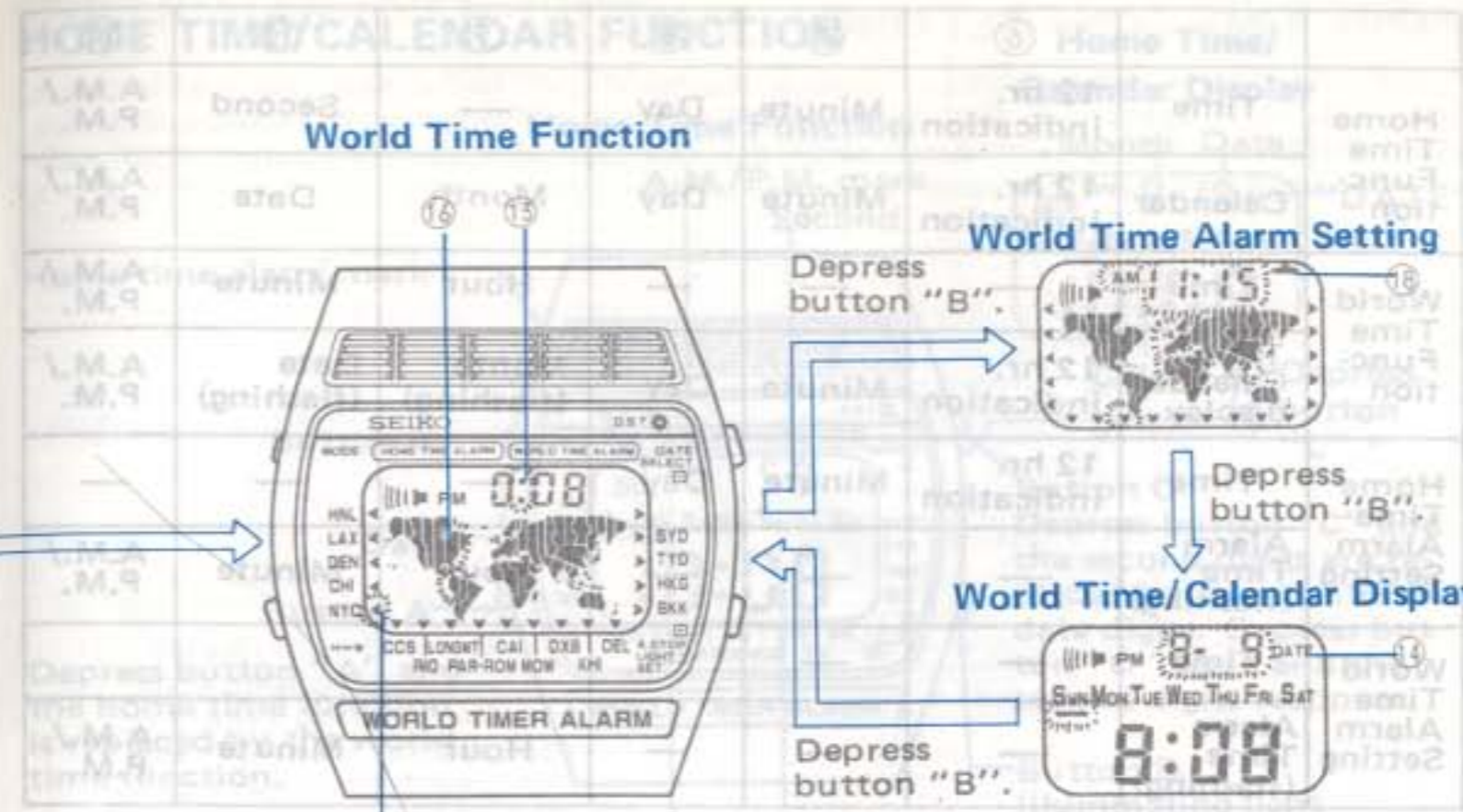
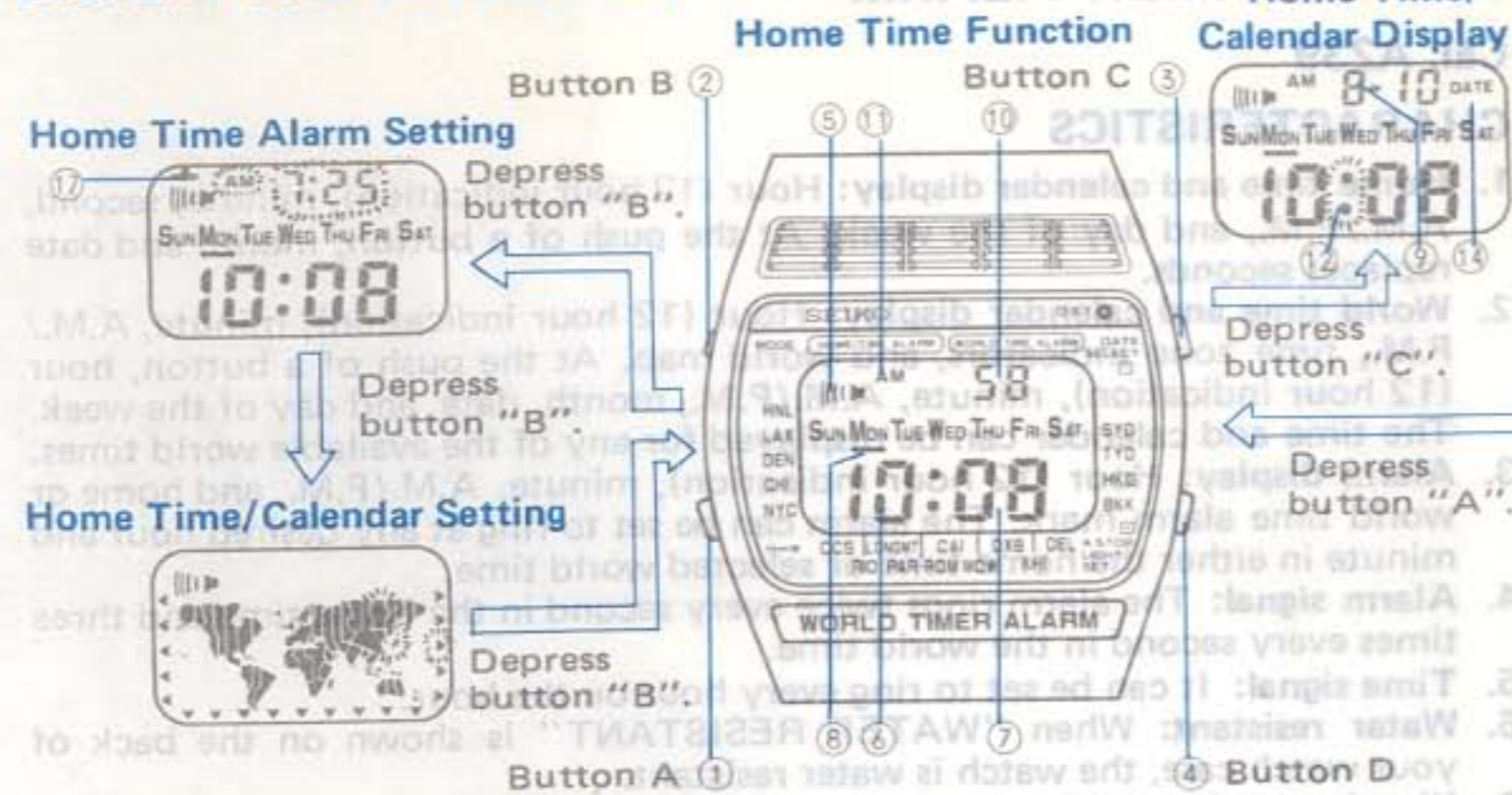
**SEIKO LC DIGITAL QUARTZ
WORLD TIMER ALARM**

Cal. A239

CHARACTERISTICS

1. Home time and calendar display: Hour (12 hour indication), minute, second, A.M./P.M., and day of the week. At the push of a button, month and date replaces seconds.
2. World time and calendar display: Hour (12 hour indication), minute, A.M./P.M., time zone indicators, and world map. At the push of a button, hour (12 hour indication), minute, A.M./P.M., month, date, and day of the week. The time and calendar can be displayed for any of the available world times.
3. Alarm display: Hour (12 hour indication), minute, A.M./P.M., and home or world time alarm mark. The alarm can be set to ring at any desired hour and minute in either the home time or selected world time.
4. Alarm signal: The alarm rings twice every second in the home time and three times every second in the world time.
5. Time signal: It can be set to ring every hour on the hour.
6. Water resistant: When "WATER RESISTANT" is shown on the back of your watch case, the watch is water resistant.
7. Illuminating light: Illuminates the displays in the dark.
8. Battery: Use a miniature battery SEIKO TR926W.

HOW TO USE DISPLAY AND BUTTON OPERATION



		⑥	⑦	⑧	⑨	⑩	⑪
Home Time Function	Time	12 hr. indication	Minute	Day	—	Second	A.M./P.M.
	Calendar	12 hr. indication	Minute	Day	Month	Date	A.M./P.M.
World Time Function	Time	—	—	—	Hour	Minute	A.M./P.M.
	Time/Calendar display	12 hr. indication	Minute	Day	Month (flashing)	Date (flashing)	A.M./P.M.
Home Time Alarm Setting	Time	12 hr. indication	Minute	Day	—	—	—
	Alarm Time (flashing)	—	—	—	Hour	Minute	A.M./P.M.
World Time Alarm Setting	Time	—	—	—	—	—	—
	Alarm Time (flashing)	—	—	—	Hour	Minute	A.M./P.M.

⑤ Alarm mark (||||) ⑫ Colon mark: It flashes every second when the time and calendar digits are displayed in the home time function. ⑬ Colon mark: It flashes every second in the world time function. ⑭ "DATE" mark ⑮ Time zone indicator ⑯ Selected time zone (flashing) ⑰ Home time alarm setting mark (→) ⑱ World time alarm setting mark (→)

HOME TIME/CALENDAR FUNCTION

Home Time/Calendar Display

Home Time Function

A.M./P.M. mark
Second

Calendar Display

Month Date
DATE mark

Home time alarm mark

Button B

Day

Button A

Depress button "A" and the home time function is replaced by the world time function.

Colon

Depress button "C".

Button C

Depress button "C" and the second digits are replaced by the month and date digits. Depress button "C" again and the second digits reappear.

Button D

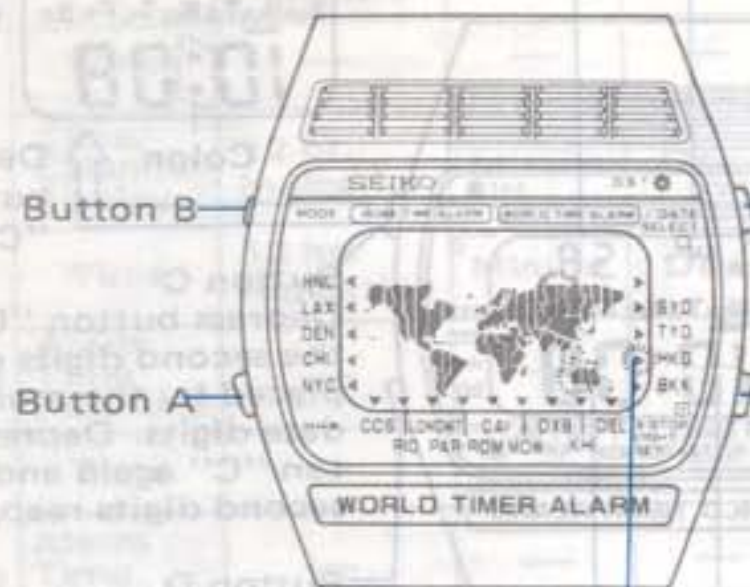
Illuminating light

Hour Minute

* In the time display the time signal will ring every hour on the hour. In the calendar display, the colon mark flashes once every second, the date mark is displayed, and the time signal will not ring every hour on the hour.

HOME TIME ZONE SETTING

From the home time display depress button "B" twice and the home time zone setting is activated. Set the desired home time zone by depressing button "D". After the home time zone setting is completed, depress button "C" once and the time and calendar setting is activated.



Time zone indicator

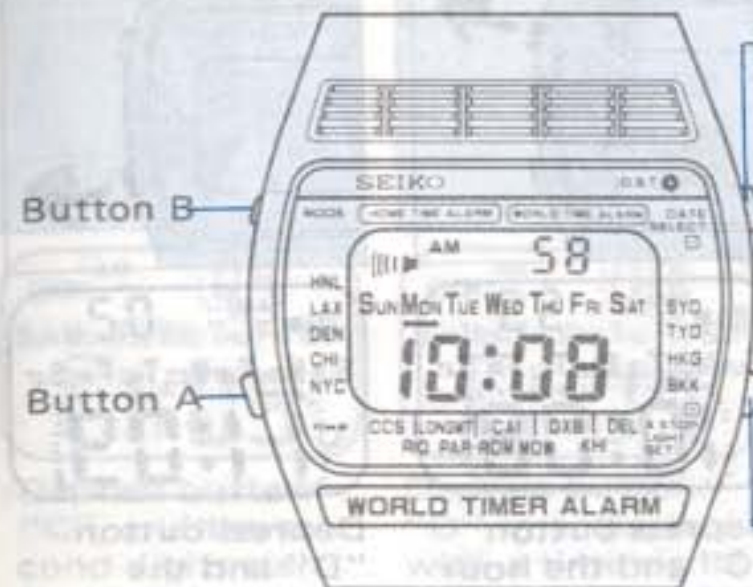
Button C

Button D

The time zone indicator moves counterclockwise and the flashing time zone moves from left to right, each time button "D" is depressed.

TIME/CALENDAR SETTING

From the home time display depress button "B" twice and depress button "C" once and the home time and calendar setting is activated. Before setting the time and calendar, be sure that the time zone indicator is set for the desired time zone. (See page 6.)



Button B

Button A

Button C

Selection of the function or digits to be adjusted is made in the following order by depressing button "C".

→ Home time zone setting function

↓
Summer time (daylight saving time) setting function

↓
Second → 1-minute → 10-minute

↓
Day ← Month ← Date ← Hour (A.M./P.M. mark)

Button D

One digit (flashing) is advanced by each depression of button "D" except in the following cases:

- 1) The second digits are reset to "00" and start immediately.
- 2) The daylight saving time mark is displayed and one hour is added or the daylight saving time mark is extinguished and one hour is subtracted. (Daylight saving time adjustment will add or subtract one hour to the home time only. It does not add or subtract one hour to the world time.)

HOW TO SET THE TIME AND CALENDAR AND HOME TIME ZONE

TIME ZONE →

SELECT

SET



From the home time display, depress button "B" twice to display the world map, and the time zone indicators. The selected time zone starts flashing.

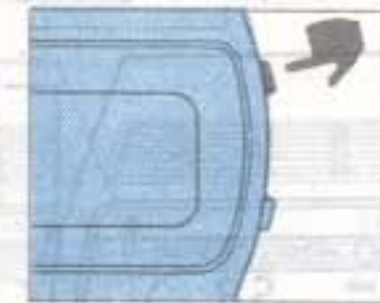
SUMMER TIME
(DAYLIGHT SAVING TIME) →

SELECT

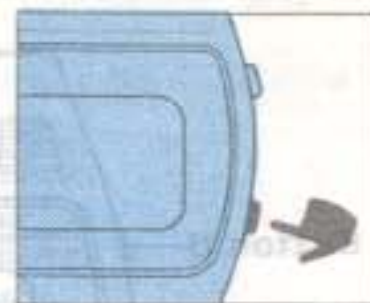
SET



Depress button "D" to set the time zone indicator at the desired time zone.



Depress button "C" and the hour (A.M./P.M.) and minute digits start flashing.



Depress button "D" and the daylight saving time indicator is displayed or extinguished and one hour is added or subtracted.

Remarks: The illustrations show how Monday, 10:08:59 A.M., August 20, Hong Kong is changed to Tuesday, 12:25:00 P.M., October 23, New York.

SECOND →

SELECT

SET

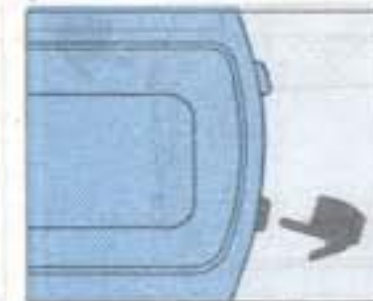
1-MINUTE →

SELECT

SET



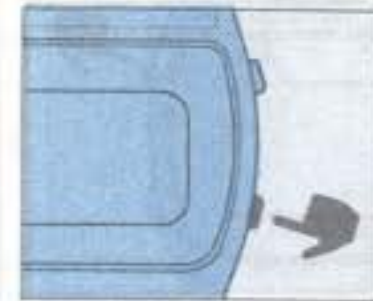
Depress button "C", and the second digits start flashing.



Depress button "D" in accordance with a time signal. The second digits are reset to "00" and start immediately.*



Depress button "C". The 1-minute digit starts flashing.



One digit (1-minute) is advanced by each depression of button "D".

* When the seconds count any numbers from "30" to "59" and the button "D" is depressed, one minute is added and the seconds are immediately reset to "00".

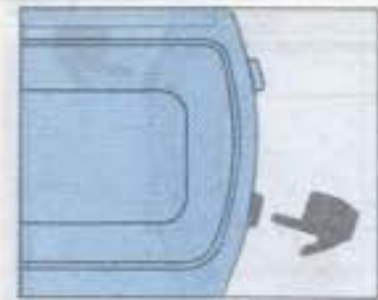
10-MINUTE

SELECT



Depress button "C", and the 10-minute digit starts flashing.

SET



One digit (10-minute) is advanced by each depression of button "D".

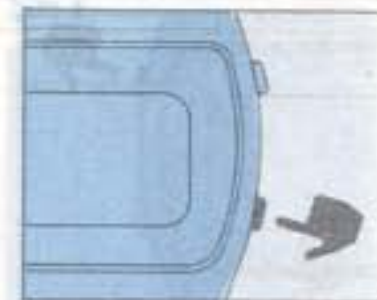
HOUR

SELECT



Depress button "C". The hour digits and "A.M." start flashing.

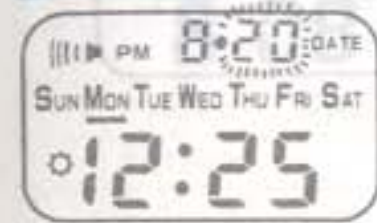
SET



One digit (hour) is advanced by each depression of button "D".

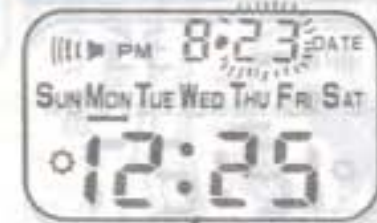
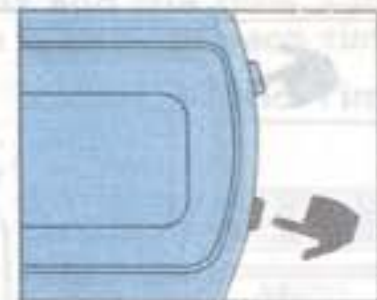
DATE

SELECT



Depress button "C". The date digits start flashing.

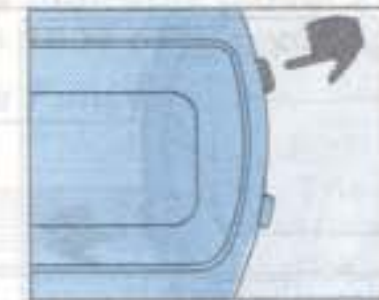
SET



One digit (date) is advanced by each depression of button "D".*

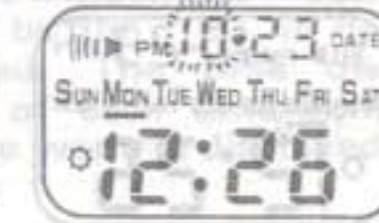
MONTH

SELECT



Depress button "C". The month digit starts flashing.

SET

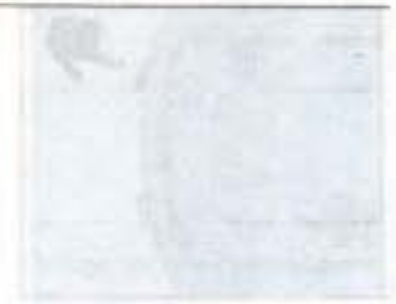
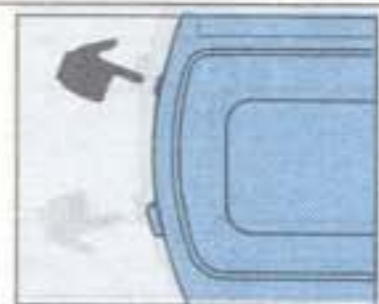
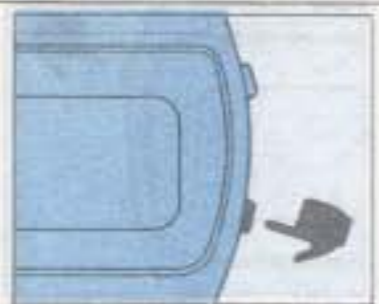
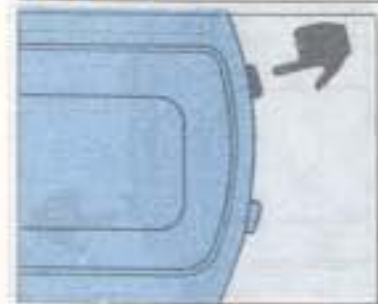


One digit (month) is advanced by each depression of button "D".

- * Date will be automatically adjusted for odd and even months except February of leap years.

DAY MONTH YEAR DATE

SELECT SET



Depress button "C". The day indicator starts flashing.

The day indicator is advanced by each depression of button "D".

After all adjustments are completed, depress button "B" to return to the home time display. If button "B" is not depressed the home time display will automatically return within 2 minutes.

Date will be automatically adjusted for odd and even months except February of leap years.

WORLD TIME FUNCTION

From the home time display depress button "A" once and the world time function is displayed with a single "peep". Depress either button "C" or "D" and the time zone moves from right to left or from left to right and the time zone indicator moves clockwise or counterclockwise. The time display of each time zone of the world is displayed.

World Time/Calendar Display

World Time Function

Depress button "B" twice.

Button C
The time zone moves from right to left and the time zone indicator moves clockwise each time button "C" is depressed. The time display of each time zone of the world is displayed.

Button D
The time zone moves from left to right and the time zone indicator moves counterclockwise each time button "D" is depressed. The time display of each time zone of the world is displayed.

TABLE OF TIME DIFFERENTIAL AMONG CITIES

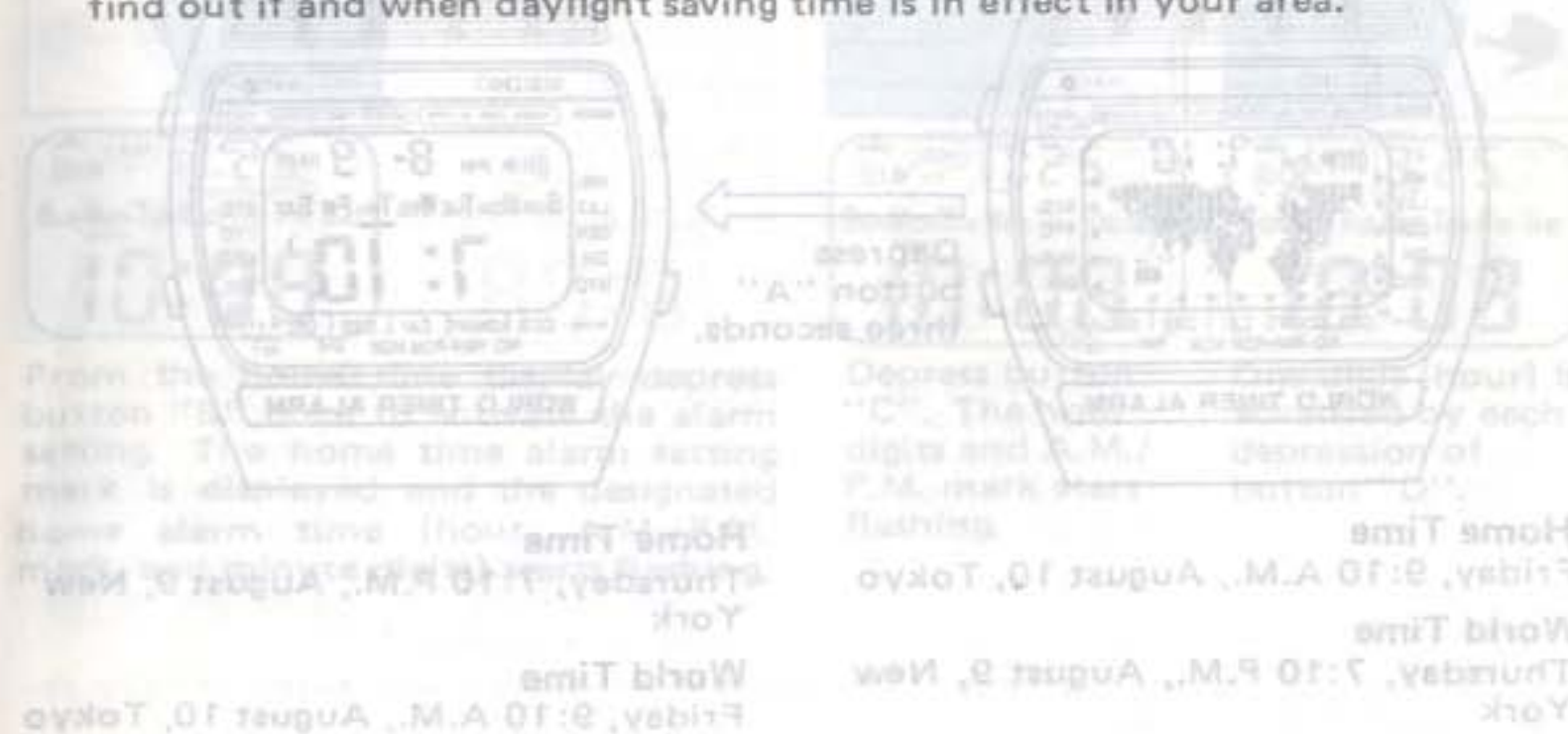
(GMT) = Greenwich mean time; (+) = Gain over GMT; (-) = Loss from GMT.

Gain/Loss (hour)	Name of city	City code (abbr. of city name)	Gain/Loss (hour)	Name of city	City code (abbr. of city name)
0	LONDON (GMT)	LON*	+10	SYDNEY	SYD*
+1	PARIS	PAR/ROM*	+11		
+2	CAIRO	CAI	+12		
+3	MOSCOW	MOW	-11		
+4	DUBAI	DXB	-10	HONOLULU	HNL
+4 1/2			-9		
+5	KARACHI	KHI	-8	LOS ANGELES	LAX*
+5 1/2	NEW DELHI	DEL	-7	DENVER	DEN*
+6			-6	CHICAGO	CHI*
+6 1/2	RANGOON	RGN	-5	NEW YORK	NYC*
+7	BANGKOK	BKK	-4	CARACAS	CCS
+7 1/2	SINGAPORE	SIN	-3	RIO DE JANEIRO	RIO
+8	HONGKONG	HKG*	-2		
+9	TOKYO	TYO	-1		

* Summer time (daylight saving time) used. The gain/loss (hour) over/from GMT will have to be adjusted by one hour when daylight saving time is in use.

Remarks:

The time zones on the world map are roughly laid out according to the standards decided upon in 1978 by each country. (Note: Standards are subject to change at any time by any country.) In addition, since daylight saving time is not used uniformly throughout the world, please check to find out if and when daylight saving time is in effect in your area.



HOW TO INTERCHANGE THE WORLD TIME ZONE AND THE HOME TIME ZONE

From the home time display, depress button "A" and the world time is displayed with a single "peep". Depress button "A" for three seconds and the world time and the home time are interchanged.

World Time Function



Depress button "A" three seconds.

Home Time Function



Home Time
Friday, 9:10 A.M., August 10, Tokyo

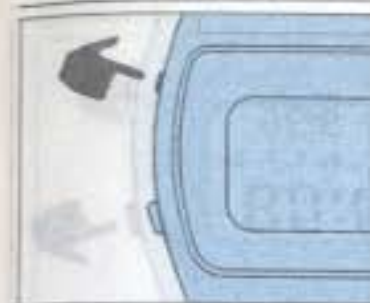
World Time
Thursday, 7:10 P.M., August 9, New York

Home Time
Thursday, 7:10 P.M., August 9, New York

World Time
Friday, 9:10 A.M., August 10, Tokyo

HOW TO SET THE HOME TIME ALARM

PREPARATION



From the home time display depress button "B" once to activate the alarm setting. The home time alarm setting mark is displayed and the designated home alarm time (hour, A.M./P.M. mark, and minute digits) starts flashing.

HOUR

SELECT



Depress button "C". The hour digits and A.M./P.M. mark start flashing.

SET



One digit (hour) is advanced by each depression of button "D".

Remarks: The illustrations show how the home time alarm is set for 9:30 A.M.

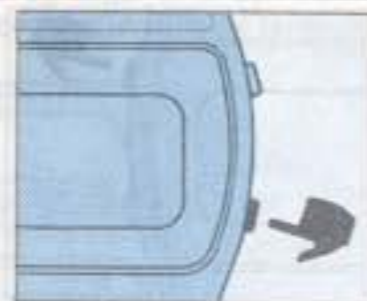
10-MINUTE

SELECT



Depress button "C". The 10-minute digit starts flashing.

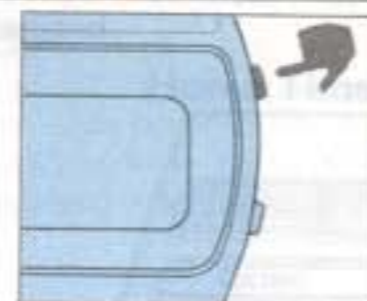
SET



One digit (10-minute) is advanced by each depression of button "D".

1-MINUTE

SELECT



Depress button "C". The 1-minute digit starts flashing.

SET



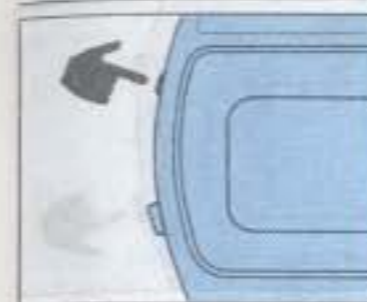
One digit (1-minute) is advanced by each depression of button "D".

After all adjustments are completed, depress button "B" to return to the home time display.*

* If button "B" is not depressed, the home time display will automatically return within 2 minutes.

HOW TO SET THE WORLD TIME ALARM

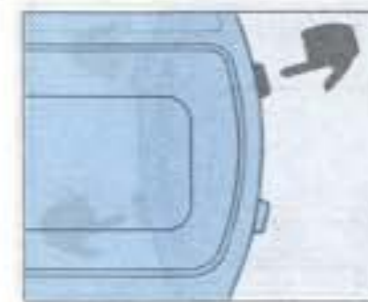
PREPARATION



In the world time display, depress button "B" once. The world time alarm setting mark is displayed and the designated world alarm time (hour, A.M./P.M. and minute digits), the time zone indicator and the selected time zone start flashing.

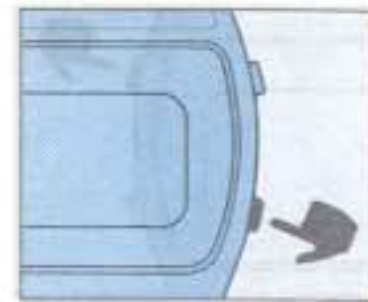
TIME ZONE

SELECT



Depress button "C". The time zone indicator and the selected time zone start flashing. The designated world alarm time is extinguished.

SET



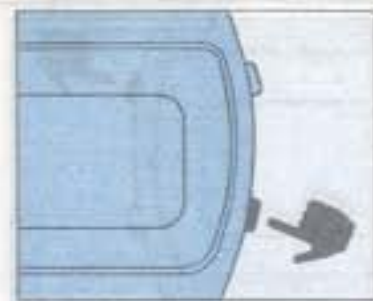
The time zone indicator moves counterclockwise and the selected time zone moves from left to right by each depression of button "D".

Remarks: The illustrations show how the world time alarm is set for 1:30P.M.

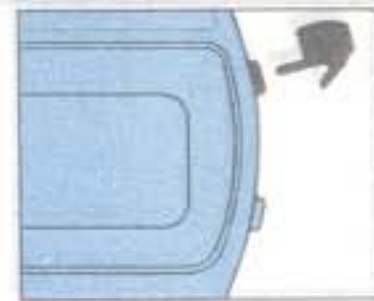
HOUR → **10-MINUTE** →
SELECT **SET** **SELECT** **SET**



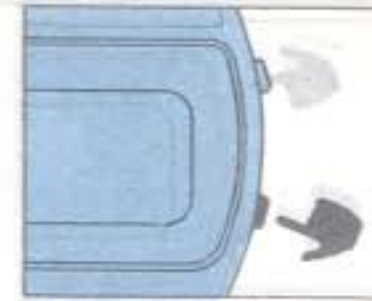
Depress button "C". The hour digits and "A.M./P.M." mark start flashing.



One digit (hour) is advanced by each depression of button "D".



Depress button "C". The 10-minute digit starts flashing.



One digit (10-minute) is advanced by each depression of button "D".

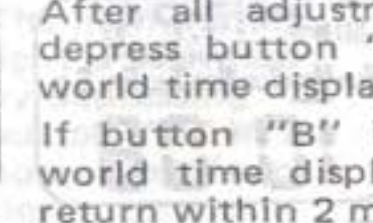
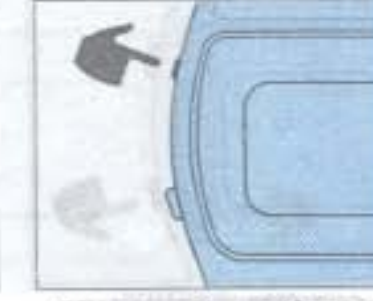
1-MINUTE
SELECT **SET**



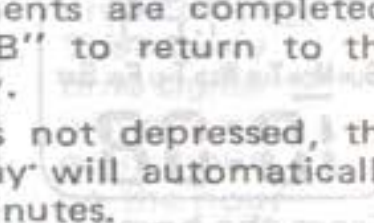
Depress button "C". The 1-minute digit starts flashing.



One digit (1-minute) is advanced by each depression of button "D".



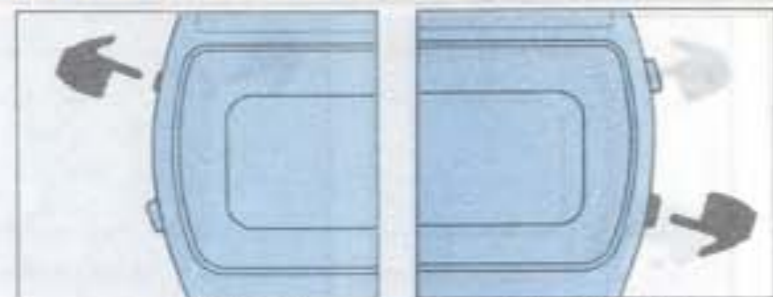
After all adjustments are completed, depress button "B" to return to the world time display.



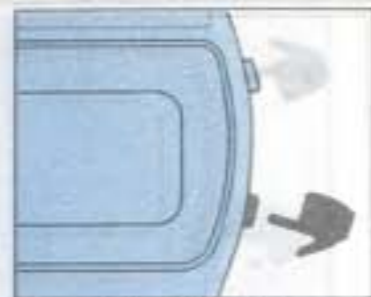
If button "B" is not depressed, the world time display will automatically return within 2 minutes.

HOW TO ENGAGE AND DISENGAGE THE ALARM

HOME TIME ALARM

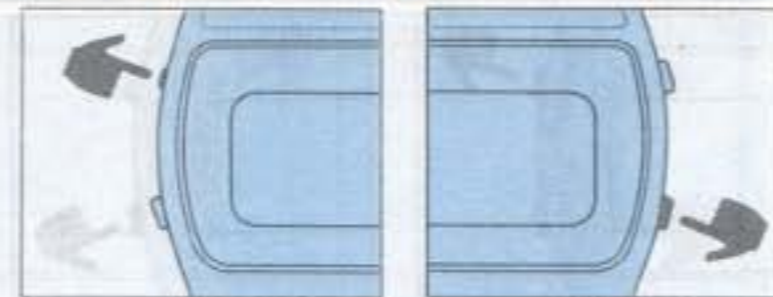


From the home time display depress button "B" to activate the home time alarm setting.

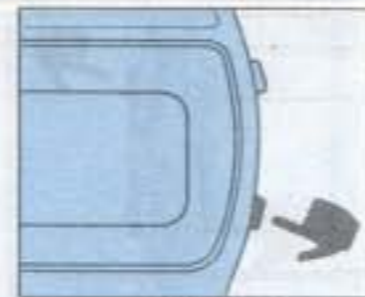


The alarm mark is displayed or extinguished by each depression of button "D".

WORLD TIME ALARM



From the world time display depress button "B" to activate the world time alarm setting.

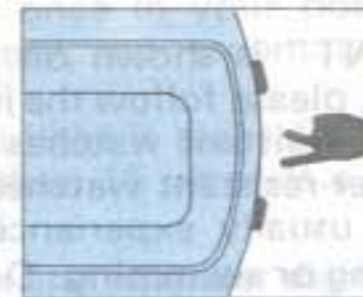


The alarm mark is displayed or extinguished by each depression of button "D".

HOW TO STOP ALARM TEST ILLUMINATING LIGHT HOURLY TIME SIGNAL THE ALARM



The home time alarm and the world time alarm will ring for 15 seconds and stop. However, the alarm can be stopped manually by depressing button "D".



In the home time display or the world time display when you depress buttons "C" and "D" at the same time the alarm will ring with "peep", "peep".



The illuminating light is activated by depressing button "D" in the home time function.

1. The hourly time signal will ring every hour on the hour when the seconds are set to be displayed in the home time zone.
2. The hourly time signal will not ring every hour on the hour when the calendar is set to be displayed in the home time zone.

TO PRESERVE THE QUALITY OF YOUR WATCH

Your watch contains a highly precise electronic circuit and crystal oscillator and to maintain its high accuracy you should not subject it to violent shocks or extreme temperature.

Be sure to check if "WATER RESISTANT" is shown on the back of your watch case. If your watch is water resistant, please follow the instructions below.

- With the exception of the SEIKO water-resistant watches specially designed for diving or swimming, all SEIKO water-resistant watches are designed and manufactured to withstand the water usually experienced in daily living. However, they are not designed for diving or swimming. Do not wear regular SEIKO water-resistant watches while diving or swimming.
- If the watch is exposed to water, rinse it in fresh water and then wipe it thoroughly dry.
- Do not depress any buttons when the watch is wet.
- Do not loosen the battery hatch except for replacing the battery.
- Have your SEIKO watch checked by an AUTHORIZED SEIKO DEALER periodically to be sure that the case, button, gasket and crystal seal remain intact.

Note: If your watch is not water resistant, care should be taken not to get it wet as water may damage the module. If a non-water resistant watch becomes wet, we suggest that you have it checked by an AUTHORIZED SEIKO DEALER to be sure that no watch damage occurred.

BATTERY CHANGE

The miniature battery (SEIKO TR926W) which powers your watch should last approximately one year. However, because it is inserted at the factory, the actual life of the battery once in your possession may be less than one year. When replacing the battery, we recommend that you contact an AUTHORIZED SEIKO DEALER.

Note: If use of the light is more frequent than 5 times a day and the alarms are used for more than 15 seconds a day, the battery life may be less than the specified period.

Before the time and calendar digits are adjusted after battery change, be sure to note that all the buttons must be depressed at the same time or each button must be depressed successively, and check to see if the display indicates 12:00:00 A.M.

8. Pile: Utiliser une pile miniature SEIKO TR926W.
7. Eclairage du cadran: Illuminer tout l'affichage dans l'obscurité.
- "WATER RESISTANT" sur la base du boîtier.
6. Etanchéité à l'eau: La montre est étanche à l'eau, si elle porte l'indication "WATER RESISTANT".
5. Signal horaire: Peut être réglé pour sonner à chaque heure sur l'heure.
4. Tonalité de sonnerie: La sonnerie retient deux fois par seconde en mode d'heure mondiale.
3. Affichage de la sonnerie: En passant l'indication 12 heures, minutes, A.M. (matin)/P.M. (après-midi) et temps de sonnerie d'heure locale et mondiale. La sonnerie peut être réglée pour retentir à n'importe quelle heure et minute de l'heure locale ou de l'heure mondiale choisie.
2. Affichage de l'heure mondiale et du calendrier: En appuyant sur la touche de l'heure mondiale, l'heure mondiale et le calendrier sont affichés.
1. Affichage de l'heure locale et du calendrier: En appuyant sur la touche de l'heure locale, l'heure locale et le calendrier sont affichés.