

住所変更

CASIO®

CASIO COMPUTER CO., LTD.

6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan

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MO9601-A
HA310252C-2

DC-4000

**OPERATION MANUAL
MANUAL DE OPERACION
MODE D'EMPLOI**

CASIO®

English	E-1
Español	S-1
Français	F-1

English

Congratulations on your selection of this CASIO product! Be sure to keep this manual in a safe place for future reference when necessary.

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Read this first!

■ Keep written copies of important data.

CASIO COMPUTER CO., LTD. assumes no responsibility for any damage or loss caused by deletion of data as a result of malfunction, repairs, or battery replacement.

■ RESET the unit before first use.

This operation deletes all data in memory!

1. Press RESET button on front of the unit. "RESET?" appears on the display.
2. Press **OK** to reset or any other key to abort.

• Initial settings after RESET

Home Time Zone: Tokyo (TYO)
Home Time: 12:00AM, January 1, 1995
World Time Zone: London (LON)
12/24-Hour Setting: 12-hour

■ Important Precautions

- Keep away from direct flame.
- Keep away from heat: direct sunlight, near heaters, etc.
- Never try to disassemble the unit.
- Clean exterior only with a soft cloth moistened in a weak solution of a mild neutral detergent and water.
- Items described in this manual are subject to change without notice.
- CASIO COMPUTER CO., LTD. assumes no responsibility for any loss or claims by third parties which may arise from the use of this product.

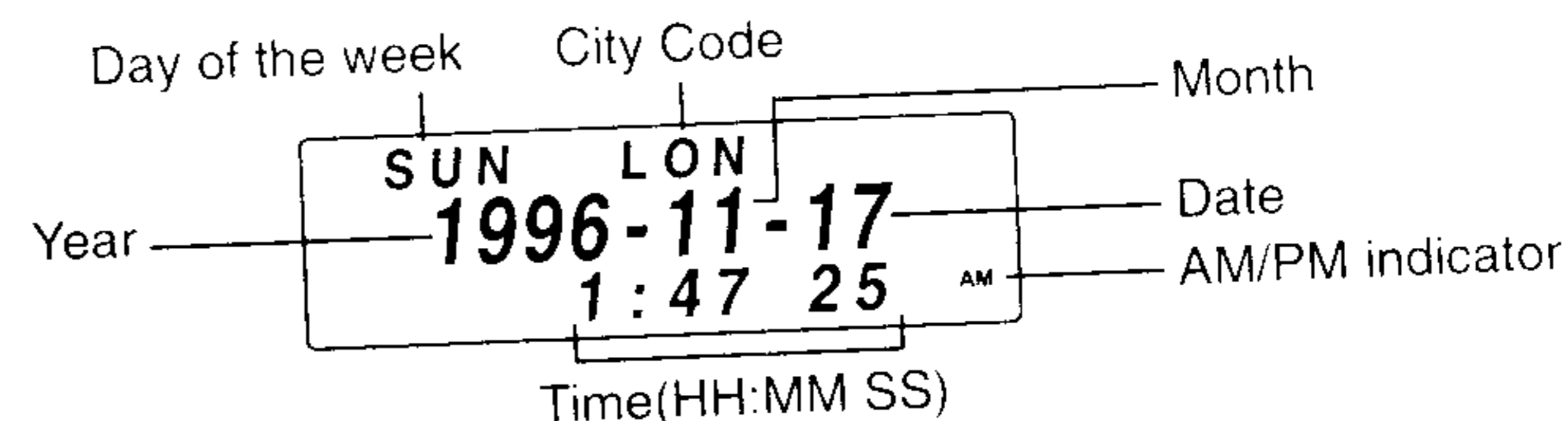
Timekeeping Function

Each press of **HOME/WORLD** changes between the Home Time, World Time, and Alarm.

To change the World Time city

Use **HOME/WORLD** to display the World Time and then use \triangle and ∇ to scroll through the cities.

E-4



To set the Home Time city

Always set the Home Time city first!

Example

City: HKG (Hong Kong)

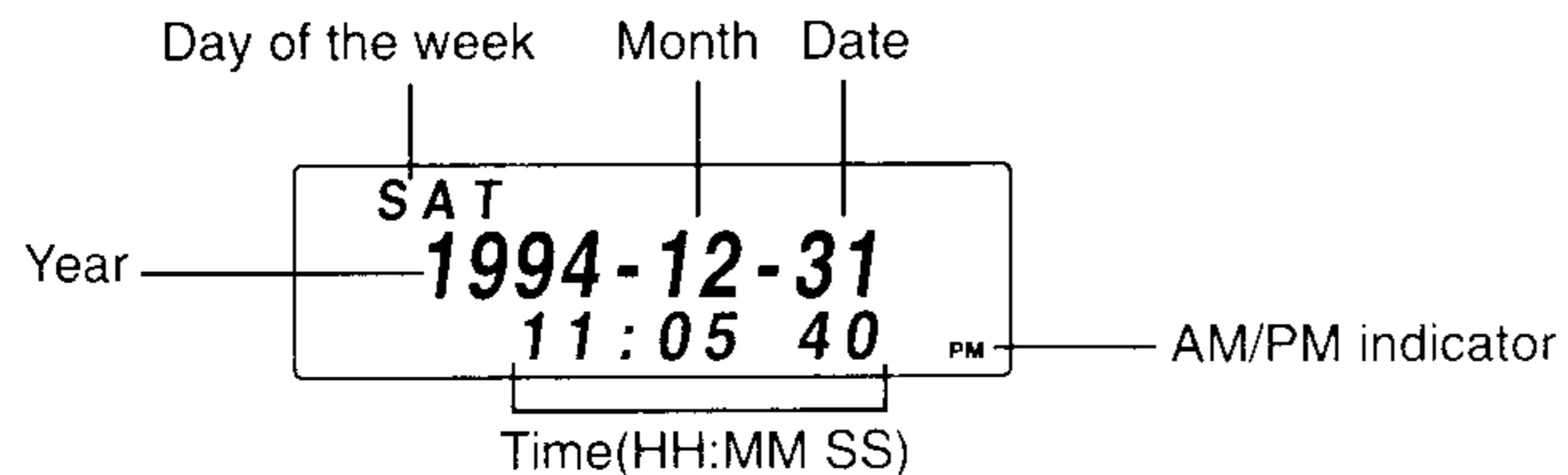
Key Operation	Display
HOME/WORLD	SUN 1995- 1- 1 12:05 20 AM
EDIT (about 2 seconds)	TYO 1995-01-01 12:05 25 AM

E-5

△ / ▽ • Scroll through city names until HKG appears	HKG 1994-12-31 11:05 30 PM
OK	SAT 1994-12-31 11:05 30 PM

To set the Home Time

Always set the Home Time city first!



Example

Date: 1996-11-17 (November 17, 1996); Time: 9:45 AM

Key Operation	Display
HOME/WORLD	SAT 1994-12-31 11:05 20 PM
EDIT (about 2 seconds)	HKG 1994-12-31 11:05 30 PM
▶	HKG 1994-12-31 11:05 PM
19961117 AM/PM 0945 • Specify PM when necessary	HKG 1996-11-17 09:45 AM

<p>OK</p> <ul style="list-style-type: none"> • This resets the seconds to 00. 	<p>SUN 1996-11-17 9:45 10 AM</p>
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- Be sure to input leading zeros when necessary.
- use the following to specify noon and midnight.

	Noon	Midnight
12-hour format	12 PM	12 AM
24-hour format	12	00

To switch World Time between standard and daylight saving time

1. Display the World Time.
 2. Press **DST**.
- Changing the setting of one World Time city affects all World Time cities.

DST indicator

<p>SUN LON 1996-11-17 2:48 50 AM</p>
--

To switch Home Time between standard and daylight saving time

1. Display the Home Time.
2. Hold down **EDIT** for about two seconds.
3. Press **DST**.
4. Press **OK**.

To switch between 12-hour and 24-hour format

1. Display the Home Time.
2. Hold down **EDIT** until the seconds begin to flash.
3. Press **12/24** to change between 12-hour and 24-hour timekeeping.
4. Press **OK**.

Alarm Function

- The alarm sounds for 20 seconds when the alarm time is reached.
- To stop the alarm when it is sounding, press any key.

To set the alarm time

ALARM

12:00 AM

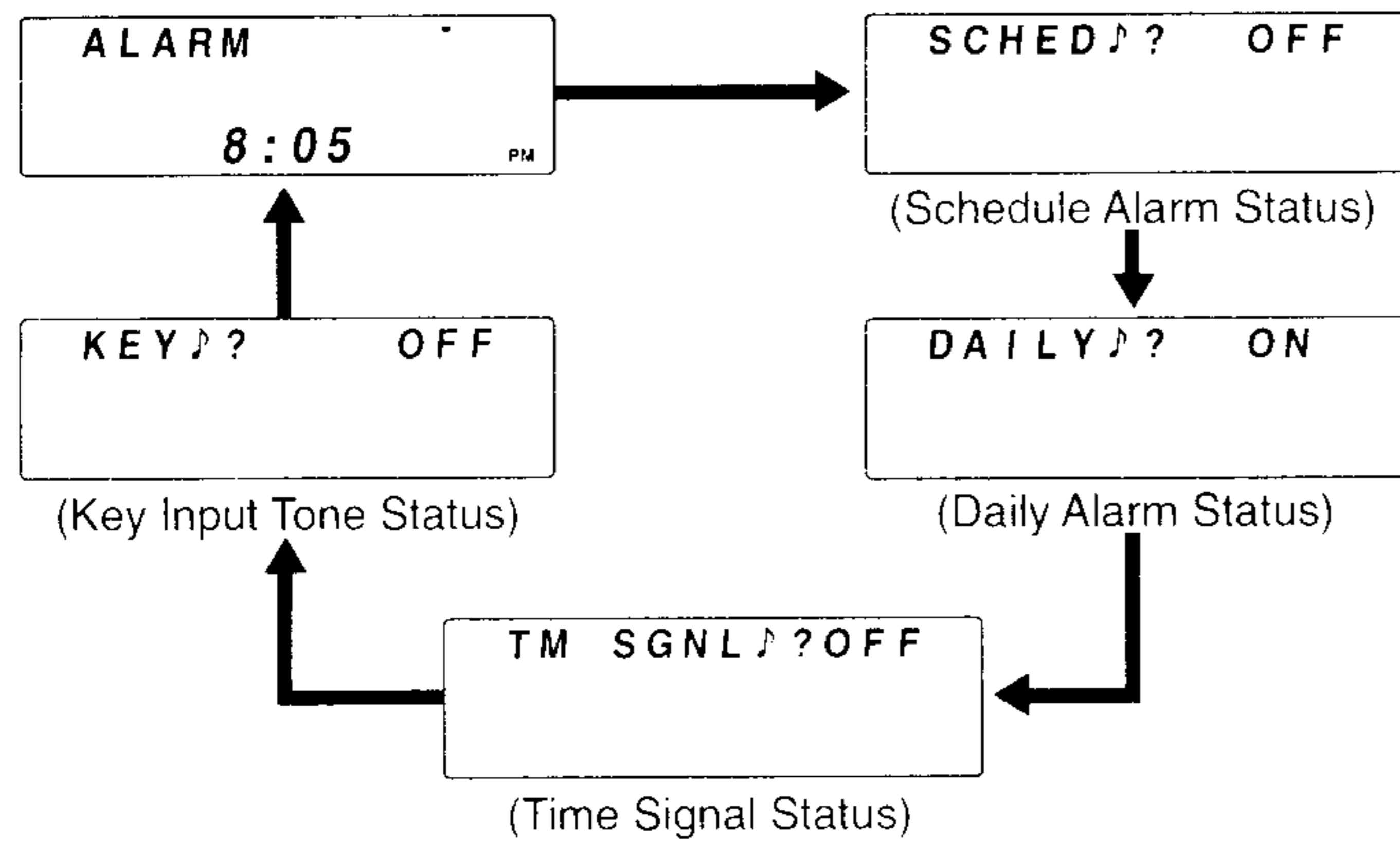
└── Current alarm time setting

Example 8:05 PM

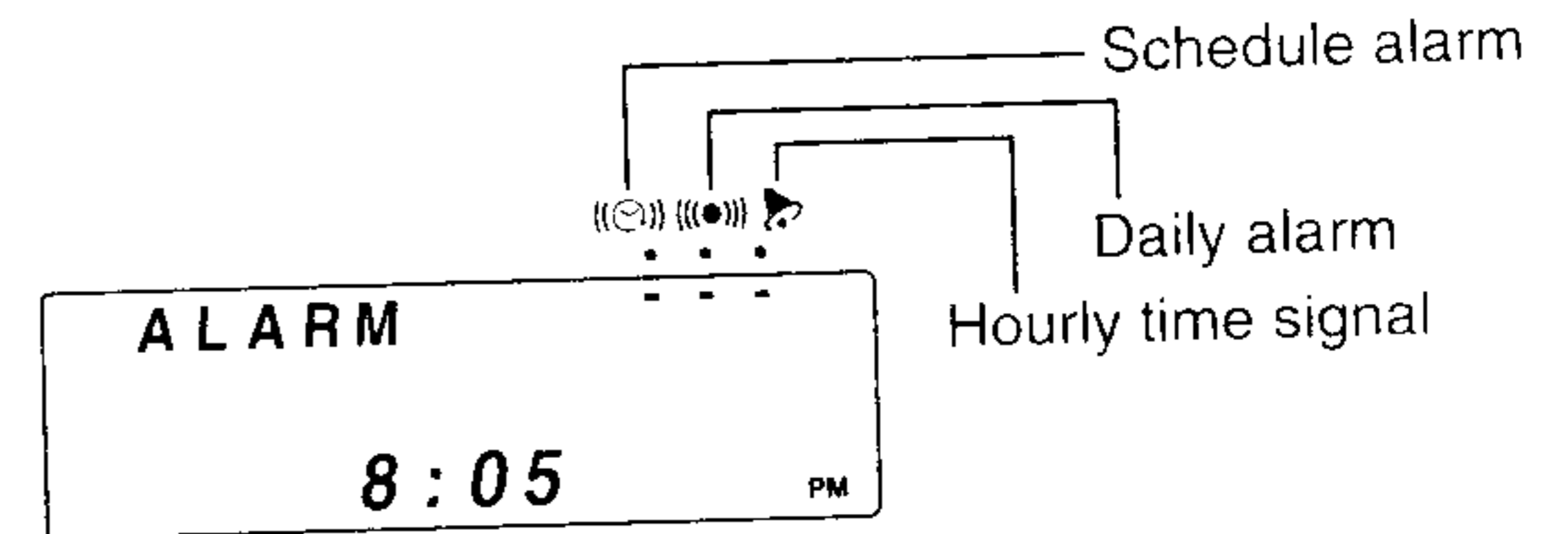
Key Operation	Display
ALARM ALARM ALARM	ALARM 12:00 AM
EDIT	ALARM? 12:00 AM
0805 AM/PM • Specify PM when necessary	ALARM? 08:05 PM
OK	ALARM - 8:05 PM

To turn alarms on and off

1. Press **ALARM ALARM ALARM** to display the alarm screen.
2. Press **↓**. Each time you do, the display changes as shown below.



3. While the display for the alarm you want is shown, press **OK** to turn it on or off.
- The current status of each alarm is shown by display indicators. The alarm is on when the indicator mark is shown, and off when the indicator mark is not shown.



Inputting Characters

- Memory (total of Telephone Directory, Schedule Keeper, Memo, and Conversion Memory) can hold up to 1,792 characters.
- You can input alpha-characters or numbers while the cursor is in the top line of the display (text area), and only numbers while the cursor is in the second and third lines (number area).
- Press **ALPHA/NUM** to switch between alpha mode (indicated by [A] on the display) and number mode in the text area.
- While in the text area, press **SMBL** to input symbols. Each press changes the symbol at the cursor location in the sequence: - , . : / ' ¥ \$ £. Press ► to move the cursor to the right.
- While in the number area, press **SMBL** to input a hyphen.
- To change a character, use ◀ and ▶ to move the cursor and then input the new character.
- To delete all input characters, press **CLEAR**.

To input Telephone Directory data

- Name: 24 characters; Telephone number: 24 digits; Fax number: 24 digits

Example

Name: CASIO; Tel: 045-012-3456; Fax: 045-012-7890

Key Operation	Display
TELEPHONE	NAME ?
CASIO OK	NUMBER 1 ?
045-012-3456 OK	NUMBER 2 ? 045-012-3456
045-012-7890 OK	NAME ?





- Data is automatically sorted into alphabetical sequence according to the names.

To input Schedule Keeper data

- Up to 24 characters per data item.

Example

MEETING, 10-3 (October 3), 2:00 to 5:00PM

Key Operation	Display
TELEPHONE TELEPHONE	SCHEDULE? 
MEETING OK	DATE TIME1?  - - : AM
10030200 AM/PM OK	DATE TIME2?  10- 3 2:00 PM  - - AM

10030500 AM/PM OK	SCHEDULE? 
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
- Schedule Keeper data is sorted by date and time.
- When a Schedule Keeper time is reached, an alarm sounds for 20 seconds.

To input Memo data

- Memo name: 24 characters; Data: 24 digits

Example

Memo name: JODY'S BIRTHDAY; Data: 10-5 (October 5)

Key Operation	Display
TELEPHONE TELEPHONE TELEPHONE	MEMO? 

JODY SMBL SMBL SMBL SMBL SMBL SMBL SMBL ► S SPACE BIRTHDAY OK	JODY'S BIRTH ► —
10-5 OK	MEMO? [X]

- Memo data is not sorted.

Recalling Data

- **Scroll Search**

1. Use **TELEPHONE** to enter the mode (Telephone Directory, Schedule Keeper, Memo) that contains the data you want.
2. Use ▾ to scroll down, △ to scroll up. Hold down to scroll at high speed.

- **Initial Character Search**

1. Use **TELEPHONE** to enter the mode (Telephone Directory, Schedule Keeper) that contains the data you want.
2. Input the initial characters of the data you want.
3. Press △ or ▾ to start the search.
4. If you get more than one, you can scroll.

- **Schedule Keeper Month Search**

1. Press **TELEPHONE TELEPHONE** to enter the Schedule Keeper.
2. Press **CLEAR** and the message SEARCH DATE? appears.
3. Input two digits to specify a month (i.e. 01 = January) or four digits to specify a month and date (i.e. 0101 = January 1).
4. Press △ or ▾ to start the search.
5. If you get more than one, you can scroll.

- **Redial Function (Telephone Directory)**

Press **REDIAL** to display the last item you recalled.

- The indicators ◀ and ▶ appear on the display when data continues off either side. Use ◀ and ▶ to scroll data.

Editing Data

To edit data

1. Recall data and press **EDIT**.
2. Input data as you normally would.

To delete data

1. Recall data and press **EDIT**.
2. Press **CLEAR** and the message "DELETE?" appears on the display.
3. Press **OK** to delete or **CLEAR** to abort.

Secret Memory Area

Important!

If you forget your password, you will have to RESET and delete everything in memory!


To register a password

Example

Password: ABC1

Key Operation	Display
TELEPHONE	NAME ? ()
SECRET	PASSWORD ? ()

<p>ABC ALPHA/NUM 1 OK</p> <ul style="list-style-type: none"> Your password can be up to 12 characters long. 	<p>NAME ?</p>
--	---------------

- Once you are in the secret memory area (indicated by ) , you can input, recall, edit, and delete data, and changed between the Telephone Directory, Schedule Keeper and Memo just as you do in the normal (non-secret) memory area.

To enter the secret memory area

1. **TELEPHONE SECRET**
2. Input the current password and press **OK**. If the password is not correct, the password you input will appear on the display with the cursor located under its first letter.

To exit the secret memory area

Press **TELEPHONE SECRET** to exit the secret memory area.

To change the password

1. **TELEPHONE SECRET**
 2. Input the current password and press **OK**.
 3. Press **CLEAR SECRET** to display the current password.
 4. Press **EDIT**.
 5. Change to the new password and press **OK** to store.
- To abort at any time before pressing **OK** in step 5, press **TELEPHONE**.

Conversion Mode

Length/Distance	Inches (INCH) ↔ Centimeters (CM)
	Feet (FEET) ↔ Meters (M)
	Miles (MILE) ↔ Kilometers (KM)
Volume/Capacity	U.S. fluid ounces (FL.OZ) ↔ Milliliters (ML)
	U.S. gallons (GAL) ↔ Liters (L)

Weight	Ounces (OZ) ↔ Grams (G)
	Pounds (LB) ↔ Kilograms (KG)
Temperature	Fahrenheit (°F) ↔ Celsius (°C)

To perform a conversion

Example

How many kilometers are 50 miles?

Key Operation	Display
CONV CONV	CONVERSION? 00
Use \triangle and ∇ to scroll through pairs.	MILE → KM 1.609344

50	MILE → KM 50.
<ul style="list-style-type: none"> Use \blacktriangleleft or \blacktriangleright to specify direction and perform the calculation. 	MILE → KM 80.4672

- = takes the conversion result to the Calculator Mode.
- +, -, ×, ÷, %, $\sqrt{\quad}$ takes the conversion result to the Calculator Mode and uses it in the calculation operation you started.

To create your own conversion pair

Example

To create a currency conversion pair in which 1 dollar equals 1.5 marks.

Key Operation	Display
CONV CONV	CONVERSION? [A]
SMBL SMBL SMBL SMBL SMBL SMBL SMBL SMBL SMBL	\$ → [A]
▶▶▶▶ DM OK	RATE? 0.
1.5 OK	CONVERSION? [A]

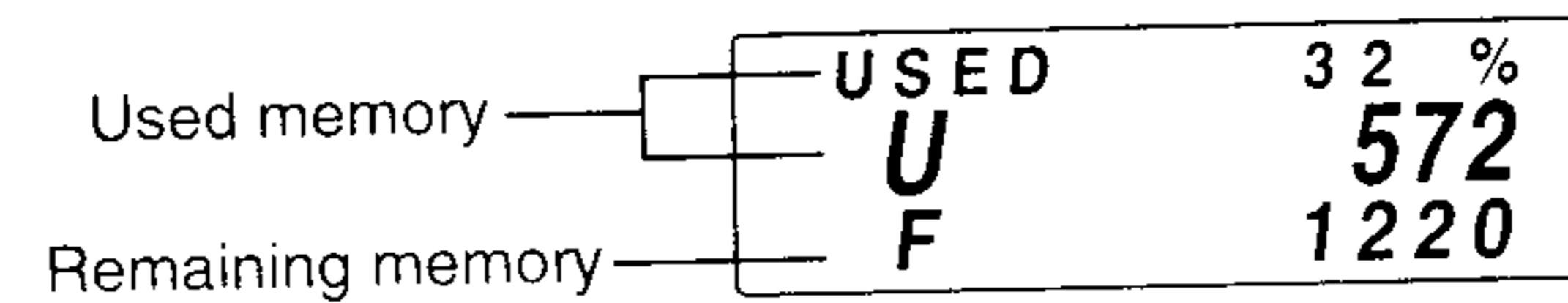
To edit your conversion pairs

1. Display the data pair and press **EDIT**.
2. Move the cursor using ◀/▶, and input the new pair.
3. Press **OK** to advance to the rate.
4. Input the new rate and press **OK** to store changes.

To delete your conversion pairs

1. Display the data pair and press **EDIT**.
2. Press **CLEAR** and the message "DELETE?" appears on the display.
3. Press **OK** to delete or **CLEAR** to abort.

Memory Capacity Display



Calculator Mode

Press **CAL** to enter the Calculator Mode.

■ Calculation Examples

Examples	Operation	Display
	AC	0.
53 + 123 - 63 =	53 + 125 (Error) + C 123 + - 63 =	125. 123. 113.
963 × (23 - 56) =	23 - 56 × 963 =	- 31'779.
(56 × 3 - 89) ÷ 5.2 + 63 =	56 × 3 - 89 ÷ 5.2 + 63 =	78.1923076923
1234567 × 7418529 =	1234567 × 7418529 = C AC	E 9.15867109194 9.15867109194 0.
$\sqrt{3} \times 5 =$	3 √ × 5 =	8.6602540378
12 + 23 =	23 + + 12 =	K+ 35.
45 + 23 =	45 =	K+ 68.

$7 - 5.6 =$

$2 - 5.6 =$

$2.3 \times 12 =$

$4.5 \times 12 =$

$45 \div 9.6 =$

$78 \div 9.6 =$

12% of 1500

Percentage of 660
against 880

15% add-on of 2500

25% discount of 3500

What will the selling price
and profit be when the
purchasing price of an item
is \$480 and the profit rate
to the selling price is 25%?

$5.6 **-** **-** 7 **=**$

$2 **=**$

$12 **×** **×** 2.3 **=**$

$4.5 **=**$

$9.6 **÷** **÷** 45 **=**$

$78 **=**$

$1500 **×** 12 **%**$

$660 **÷** 880 **%**$

$2500 **×** 15 **%** **+**$

$3500 **×** 25 **%** **-**$

$480 **+** 25 **%**$

$**-**$

(Profit)

If you made \$80 last week and \$100 this week, what is the percent increase?

$$\begin{array}{r}
 80 \times 9 = 720 \\
 -) 50 \times 6 = 300 \\
 \hline
 20 \times 3 = 60 \\
 \hline
 480
 \end{array}$$

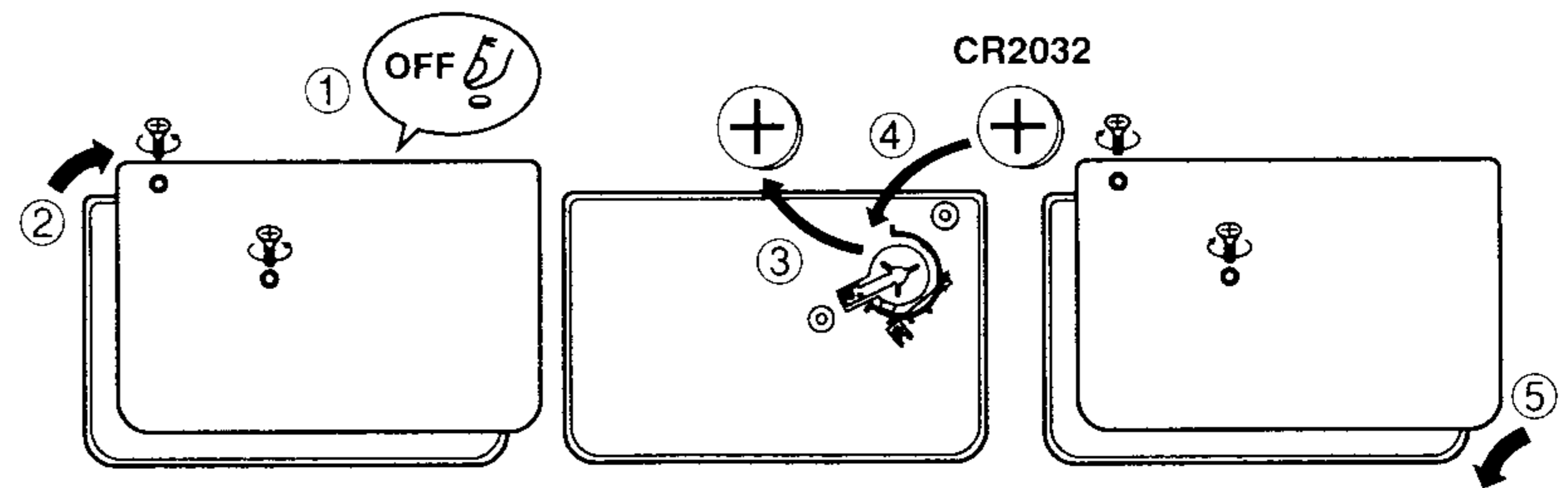
100 \square 80 \square % 25.

AC	MC	80	\times	9	M+	M	720.
		50	\times	6	M-	M	300.
		20	\times	3	M+	M	60.
					MR	M	480.

About the Power Supply

- Replace the battery when the display becomes dim.
- Replacing the battery deletes memory data. Keep written copies of all data.

To replace the battery



Battery Precautions

- Keep + side of battery facing up (so you can see it).
- Keep batteries out of the reach of small children. If swallowed, consult with a physician immediately.

Messages

Message	Remarks
MEMORY FULL	<ul style="list-style-type: none"> Delete some data in memory to make room for the new data.
NO RECORD	<ul style="list-style-type: none"> There is no data in memory.
NOT FOUND	<ul style="list-style-type: none"> No data in memory matches your specification.
PASSWORD?	<ul style="list-style-type: none"> Your operation requires entry into the secret memory area. Input the password.

World Time City Table

Code	City Name	Time Difference	Other Cities in Zone
-11	(GMT-11)	- 11	Midway
HNL	Honolulu	- 10	
ANC	Anchorage	- 09	
LAX	Los Angeles	- 08	San Francisco, Seattle, Las Vegas
DEN	Denver	- 07	El Paso
CHI	Chicago	- 06	Dallas, Mexico City, Houston
NYC	New York	- 05	Washington D.C., Boston, Montreal
CCS	Caracas	- 04	Santiago
RIO	Rio de Janeiro	- 03	Sao Paulo, Buenos Aires
- 2H	(GMT-2)	- 02	
- 1H	(GMT-1)	- 01	Azores
LON	London	+ 00	Greenwich Mean Time
PAR	Paris	+ 01	Rome, Madrid, Amsterdam
CAI	Cairo	+ 02	Athens, Helsinki, Beirut, Jerusalem

Code	City Name	Time Difference	Other Cities in Zone
JED	Jeddah	+ 03	Kuwait, Nairobi
THR	Tehran	+ 03:30	Abadan, Shiraz
DXB	Dubai	+ 04	Abu Dhabi
KBL	Kabul	+ 04:30	
KHI	Karachi	+ 05	
DEL	Delhi	+ 05:30	Bombay, Calcutta, Colombo
DAC	Dhaka	+ 06	
RGN	Yangon	+ 06:30	
BKK	Bangkok	+ 07	Jakarta, Hanoi
HKG	Hong Kong	+ 08	Beijing, Taipei, Singapore, Manila
TYO	Tokyo	+ 09	Seoul, Pyongyang
ADL	Adelaide	+ 09:30	Darwin
SYD	Sydney	+ 10	Guam
NOU	Noumea	+ 11	Port Vila
WLG	Wellington	+ 12	Auckland

Specifications

Model: DC-4000

Memory capacity: 1,792 bytes

Power supply: One lithium battery (CR2032)

Power consumption : 0.0014 W

Battery life*: Approximately 2 years (1 hour use per day)

Auto Power Off: Approximately 6 minutes after last key operation

Ambient temperature range: 0°C~40°C (32°F~104°F)

Dimensions: Folded: 12.8 (H) × 114 (W) × 73.5 (D) mm

(1/2" (H) × 4 1/2" (W) × 2 7/8" (D))

Unfolded: 7.9 (H) × 114 (W) × 143 (D) mm

(1/4" (H) × 4 1/2" (W) × 5 5/8" (D))

Weight: 63 g (2.2 oz) including battery

* The battery in the unit when you purchase it is for factory testing. It may not provide full service life.