

# SHARP®

ELECTRONIC ORGANIZER

MEMO MASTER ALARM

MODEL

**EL-6081**

OPERATION MANUAL



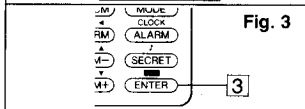
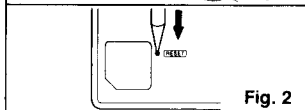
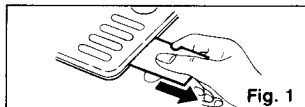
## NOTICE

- Sharp strongly recommends that separate permanent written records be kept of all important data. Data may be lost or altered in virtually any electronic memory product under certain circumstances. Therefore, Sharp assumes no responsibility for data lost or otherwise rendered unusable whether as a result of improper use, repairs, defects, battery replacement, use after the specified battery life has expired, or any other cause.
  - Sharp assumes no responsibility, directly or indirectly, for financial losses or claims from third persons resulting from the use of this product and all of its functions, such as stolen credit card numbers, the loss of or alteration of stored data, etc.
- 
- The instructions for the EL-6081 consist of this Operation Manual and the Quick Guide. Carry the Quick Guide with you in case there is something you do not understand.

## Using the EL-6081 for the First Time

Be sure to perform the following operation before using the EL-6081 for the first time.

- 1 Pull out the insulation sheet. (Fig. 1)  
(This sheet was inserted at the factory to prevent battery wear. Operation of the EL-6081 begins when it is pulled out.)
- 2 Press the **RESET** switch on the back. (Fig. 2)
- 3 Press **ENTER**. (Fig. 3)
- 4 Repeat steps 2 and 3 once more.



- 5 On the battery replacement date label on the back of the EL-6081 record the date of removal of the insulation sheet. (Fig. 4)  
(Use this as a reminder when to replace the battery next time.)

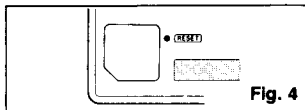


Fig. 4

- 6 Set the date and time of the clock. (Refer to page 10.)

## Cautions

- Do not carry the EL-6081 in the pocket of your slacks or trousers.
- Do not drop it or apply excessive force.
- Do not subject the EL-6081 to extreme temperatures.
- Clean only with a soft, dry cloth.

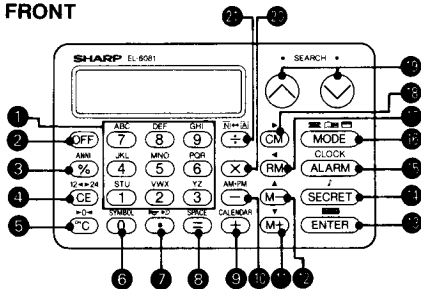
[ If service is required, use only a SHARP servicing dealer, SHARP approved service facility, or SHARP repair service where available. ]

## <Contents>

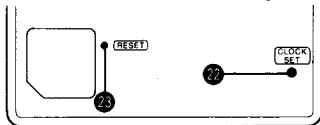
	Page
Using the EL-6081 for the First Time .....	1
Cautions .....	2
1. Part Names .....	4
2. Display Symbols .....	7
3. Moving the Cursor .....	8
4. Changing Operation Modes .....	8
5. Turning the Key Touch Tone On and Off .....	10
6. Clock Mode .....	10
7. Telephone Mode .....	19
8. Schedule Mode .....	26
9. Secret Function .....	37
10. Calculator Mode .....	42
11. Memory .....	45
12. Battery Replacement .....	48
13. When Abnormal Conditions Cause a Malfunction .....	51
14. Specifications .....	52


# 1 Part Names


## FRONT



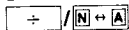
## BACK



- ① **Alphanumeric keys** STU  
1 — GHI  
9
- ② **Power OFF key** OFF
- ③ **Percent/ANNiversary key**  
% / ANNI.
- ④ **Clear Entry/12-24 Hour key**  
CE / 12 ◀▶ 24
- ⑤ **Power ON-Clear/Seconds Adjustment key** ONC / ▶ 0 ◀
- ⑥ **Zero/SYMBOL Key** 0 / SYMBOL
- ⑦ **Decimal Point/Daily Alarm-Hourly Alarms ON-OFF key** . / 
- ⑧ **Equals/SPACE key** = / SPACE
- ⑨ **Addition/CALENDAR key**  
+ / CALENDAR
- ⑩ **Subtraction/AM-PM key**  
- / AM-PM

- ⑪ **Memory Plus/Cursor Down key**  
M + / ▼
- ⑫ **Memory Minus/Cursor Up key**  
M - / ▲
- ⑬ **ENTER/Memory Check key**  
ENTER / M-CK
- ⑭ **SECRET/Touch Tone key**  
SECRET / 
- ⑮ **CLOCK/ALARM key** CLOCK / ALARM
- ⑯ **MODE key** MODE
- ⑰ **Recall Memory/Cursor Left key**  
RM / ◀
- ⑱ **Clear Memory/Cursor Right key**  
CM / ▶
- ⑲ **SEARCH keys** V • ^
- ⑳ **Multiplication key** x

- **Division/Number-Alphabet key**



- **CLOCK SET switch (on the back)**



- **RESET switch (on the back)**








•RESET

In this manual, the keys are represented by simplified symbols according to the function.

Press the **CLOCK SET** and **RESET** switches with a ball-point pen or similar object. Do not use an object with a breakable or sharp tip.





## 2 Display Symbols


- A** : Alphabetic characters and symbols can be entered in the alphanumeric line.
-  : Operation in **the telephone mode**.
-  : Operation in **the schedule mode**.
-  : Secret items can be entered or recalled.
-  : The hourly alarm will sound (brief alarms every hour on the hour).
-  : The daily alarm will sound.
- AM : The displayed time is morning.
- PM : The displayed time is afternoon.
- ↑ : **More information** exists above the current display. (Press .)
- ↓ : **More information** exists below the current display. (Press .)
- At times, 力 and 英 may appear faintly on the screen. This, however, will not affect the operation of the EL-6081.


### 3 Moving the Cursor

The cursor can be moved by , ,  or .

 : Moves the cursor to the right.

 : Moves the cursor to the left.

 : Moves the cursor to the leftmost column of the upper line.

 : Moves the cursor to the leftmost column of the lower line.

• Hold  or  for rapid movement.

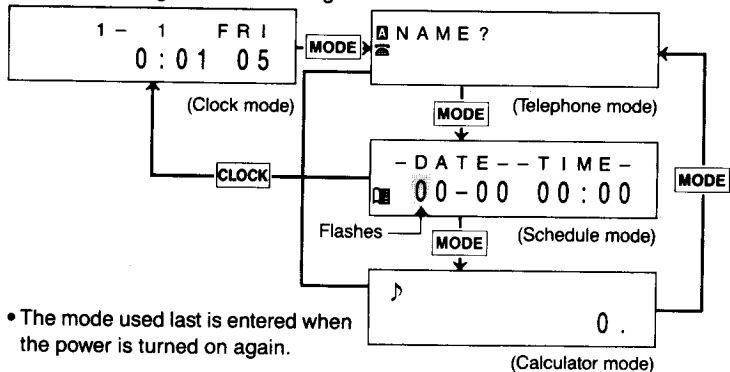
### 4 Changing Operation Modes

The EL-6081 is equipped with four operation modes: clock, telephone, schedule, and calculator.

• Press  to select the clock mode.


• Press  to select the telephone, schedule, or calculator mode.



The mode changes in the following order:




- The mode used last is entered when the power is turned on again.

## 5 Turning the Key Touch Tone On and Off

The EL-6081 can beep each time a key is pressed. This tone is switched on and off by pressing  when the EL-6081 is in the calculator mode.

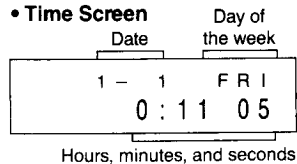
 appears or disappears every time  is pressed.

The key touch tone will sound when  is displayed.

## 6 Clock Mode

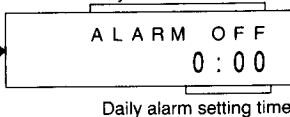
The following two screens are displayed in the clock mode:



### • Time Screen



### • Daily Alarm Screen

Indicates whether the daily alarm is ON or OFF.



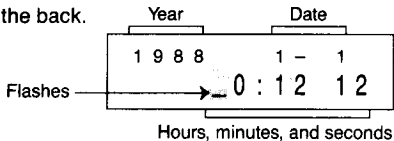
 Switches every time  is pressed.

## 1. Setting the time

The time and date are set at the same time.

**Example: Setting the date and time to September 10th, 1988, and 10:05 AM**

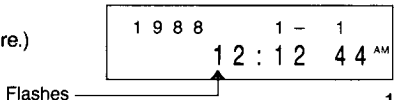
- 1 Press **CLOCK** to display the time screen.
- 2 Press the **CLOCK SET** switch on the back.



- 3 Press **12 ◀▶ 24** to set the 12-hour or 24-hour clock.

The display switches between the 12-hour and 24-hour clocks every time **12 ◀▶ 24** is pressed. **AM** or **PM** is displayed for the 12-hour clock, but neither is displayed for the 24-hour clock.

**12 ◀▶ 24** (The 12-hour clock is set here.)



- 4 Enter the hours and minutes, respectively. ★1

STU 1 0 0 MNO 5 (AM·PM ★2)

(Enter two digits each for the hours and minutes. 5 minutes is entered as "05".)

The seconds are reset to 00 when a time is entered or the cursor is moved.

Flashes

1 9 8 8 1 - 1  
10 : 05 00 AM

- 5 Enter the year, month, and date, respectively.

▶ ▶ ▶ ▶ 0 GHI 9 STU 1 0

Use ▶ to move to the month, since there is no need to change the year (1988 is already shown).

(Enter two digits each for the month and date.)

1 9 8 8 0 9 - 1 0  
10 : 05 00 AM

Flashes

- 6 Press ENTER in unison with an external time signal.

The clock begins to count the seconds. ★3

9 - 1 0 S A T  
10 : 05 00 AM

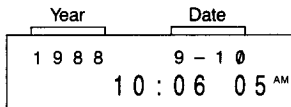
- If an impossible year, month, date, or time is entered, “**ERROR!**” will be displayed momentarily when **ENTER** is pressed.

Enter the proper time and press **ENTER** again.

- ★ 1: Time can be entered either by the 12-hour or 24-hour clock, regardless of the clock system set at **3**.
- ★ 2: Pressing **AM·PM** displays, in the following order:  
AM → PM → no symbol (24-hour clock) → AM ...
- ★ 3: The day of the week is displayed as the seconds begin to count. The EL-6081 automatically determines the proper day of the week when the year, month, and date are set. It also judges automatically the length of the month and for leap years.  
The built-in calendar extends between January 1st, 1901, and December 31st, 2098.

## 2. Checking the year

Press **CALENDAR** to display the year when the time screen is displayed. Press **CALENDAR** to return to the original display.



## 3. Correction

### (1) Resetting the time

- 1 Press **CLOCK** to display the time screen.
- 2 Press the **CLOCK SET** switch on the back.
- 3 Press **▶**, **◀**, **▲** or **▼** to move the cursor over the number to be corrected. This number then flashes.
- 4 Enter the correct number.
- 5 Press **ENTER**.



## (2) Adjusting the seconds

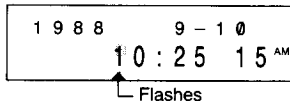
The EL-6081 will always function with the correct time if the seconds are adjusted periodically (about once a month) after the time has been set. This function corrects the time without setting the entire time entry again.

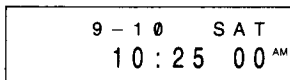
- 1 Press **CLOCK** to display the time screen.
- 2 Press the **CLOCK SET** switch on the back.
- 3 Press **▶0◀**.

Pressing **▶0◀** sets the seconds to 00 if it is pressed between 00 and 29 seconds, and advances to 00 of the next minute if it is pressed between 30 and 59 seconds.

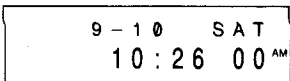
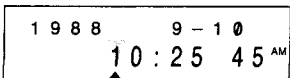
**Example 1: Setting the clock to 10:25 when it is 15 seconds fast**

**CLOCK** CLOCK  
SET






**Example 2: Setting the clock to 10:26 when it is 15 seconds slow**



#### **4. Switching the 12-24 hour clock**

- 1** Press **CLOCK** to display the time screen.
- 2** Press the **CLOCK SET** switch on the back.



- 3 Press **12**  **24**.

The clock system switches between the 12-hour and 24-hour clocks every time **12**  **24** is pressed.

- 4 Press **ENTER**.

## 5. Turning the hourly alarms on and off

When  is displayed, a beep will sound every hour on the hour.

 appears or disappears every time  is pressed while the time screen is displayed.

## 6. Daily alarm

When the clock reaches the set time, it beeps for one minute.

Press either **ALARM**, **ONC**, **CE** or **OFF** to turn off the alarm sound.

### (1) Setting the daily alarm time

- 1 Press **CLOCK** to display the daily alarm screen.
- 2 Press the **CLOCK SET** switch on the back.
- 3 Enter the time.

- 4 Press **ENTER**.

The daily alarm time is set. The daily alarm is also automatically switched on.



- The clock system for the daily alarm time is the same as that being used for the clock.

- 5 Press **CLOCK** after setting is completed.

The time screen will be displayed again.

## **(2) Turning the daily alarm on and off**

The daily alarm will sound when  is displayed.

 appears or disappears every time  is pressed while the daily alarm screen is displayed.

## **(3) Changing the daily alarm time**

The daily alarm time is changed by setting a new time. (Refer to “(1) Setting the daily alarm time”.)

## 7 Telephone Mode

Telephone numbers are stored in this mode. It can also be used to store a brief timetable, etc.

In this mode, up to 6 lines (72 columns) can be entered for each item. Each line consists of 12 columns. The first line is called the alphanumeric line, and can contain letters, symbols, and numbers. The remaining 5 lines (60 columns) are called the number lines, and can contain only numbers.

### 1. Entering characters in the alphanumeric line





Press **MODE** to select the telephone mode, and then press **ONC** to display the item entry prompt.

#### (1) Entering letters

Letters can be entered while **A** is displayed.




**A** appears or disappears every time **N ↔ A** is pressed.

### Example: Entering "TU"

- 1 Press  twice. "T" will be displayed.
  - As  is pressed repeatedly, the displayed letter changes in the following order: S → T → U → S ...
- 2 Press . The cursor moves to the next column.
  - This step can be omitted if the same key is not used to enter successive letters.
- 3 Press  three times. "U" will be displayed.

### (2) Entering symbols

Symbols can be entered while  is displayed.

- 1 Press . As  is pressed repeatedly, the displayed symbol changes in the following order: \$ → ¥ → ➡ → \$ ...
- 2 To enter consecutive symbols, press .

### (3) Entering numbers

Numbers can be entered while **A** is not displayed.

Press  through  to enter numbers.

### (4) Entering hyphens (–), dots (•), or spaces ( )

Press , , or .

## 2. Storing in memory

**Example: Storing SMITH ROBERT 212-555-1212, 212-555-4321**

1 Press  to select the telephone mode, and then press .

2 Enter the name in the alphanumeric line.


STU 1	MNO 5	GHI 9	GHI 9	GHI 9	STU 1	STU 1	GHI 9	GHI 9	SPACE	PQR 6	PQR 6
PQR 6	MNO 5	MNO 5	MNO 5	ABC 7	ABC 7	DEF 8	DEF 8	PQR 6	PQR 6	PQR 6	STU 1
STU 1											

3 Press  or  to move the cursor to the next line.

SMITH ROBERT
—

4 Enter the telephone numbers in the number lines.

VWX 2	STU 1	VWX 2	—	MNO 5	MNO 5	MNO 5
—	STU 1	VWX 2	STU 1	VWX 2		
VWX 2	STU 1	VWX 2	—	MNO 5	MNO 5	MNO 5
—	JKL 4	YZ 3	VWX 2	STU 1		

2	1	2	—	5	5	5	—	4	3	2	1	↑
												
—												

5 Press **ENTER** to store in memory.

- Telephone items stored are internally sorted in the following order:  
Spaces → letters → numbers → — → • → symbols (\$ → ¥ → ➡)

### 3. Recall

Items can be recalled even in the clock or calculator modes. However, it is not possible to recall items while setting the time or daily alarm time in the clock mode.

#### (1) Sequential search

Press **V** or **Λ**.

**V** : Recalls items in forward order.

**Λ** : Recalls items in reverse order.

Hold down these keys for rapid recall.



## (2) Direct search

Enter the first character(s) of the item and press  or  to recall that item directly.

If no appropriate item is found in the memory after a direct search, "**NOT FOUND!**" is displayed momentarily and the display returns to the item entry prompt.

## 4. Correction

### < Correcting during an entry >

1 Press , , , or  to move the cursor to the character to be corrected.

2 Enter the correct character.

3 Press .

• Or re-enter the item after pressing .

### < Correcting a stored item >

1 Press  or  to recall the item to be corrected.

2 Press  or . The cursor will flash.

3 Follow the correction procedure described under “**Correcting during an entry**” above.

## 5. Deletion

1 Recall the item to be deleted.

2 Press .

3 Press .

• To cancel the deletion, press any key other than .



## 6. Calculation using data stored in the memory (data memo calculation)

Currency conversions and other calculations can be performed using data stored in the telephone mode.

**Example: Converting \$2.75 to yen when \$1 = ¥130**

First, “\$ ➡ ¥ RATE” is stored in the alphanumeric line and “130” is stored in the number line.

SYMBOL	▶	SYMBOL	SYMBOL	SYMBOL	▶	SYMBOL	SYMBOL	SPACE	PQR 6	PQR 6
PQR 6	ABC 7	STU 1	STU 1	DEF 8	DEF 8	▼	STU 1	YZ 3	0	ENTER

- The number used for calculation is stored on the second line (13th through 24th columns), including the decimal point.

Data memo calculation cannot be performed if numbers are entered beyond the 3rd line.

- The cursor will not move past the 2nd line if a decimal point is entered in the 2nd line.

Press  or  to recall the conversion item.

\$2.75 equals ¥357.5.

	\$ → ¥	R A T E
	1 3 0	

	3 5 7 . 5
--	-----------

If the number used for calculation is a telephone number or if it exceeds 10 digits, an error will occur ("E" will be displayed).

Perform the correct operation after pressing .

## 8 Schedule Mode

The schedule mode is used for storing schedule information (month, date, hour, minutes, and schedule details) in the memory.

In this mode, up to 2 lines can be entered for each item. The upper line is called the alphanumeric line and is used for entering schedule details (12 columns). The lower line is called the number line, and 2 digits each can be entered for the month, date, hour, and minutes.

Letters, symbols, and numbers can be entered in the alphanumeric line. Only numbers can be entered in the number line.

## 1. Storing in memory

**Example: Storing a schedule item (e.g., MEETING at 2:30 PM on September 28th)**

- 1 Press **MODE** to select the schedule mode, and then press **ONC**.
- 2 Begin entry from the lower (number) line.

0	GHI 9	VWX 2	DEF 8	AM·PM	0	VWX 2
---	----------	----------	----------	-------	---	----------

YZ 3	0
---------	---

 (The month, date, hour, and minutes should each consist of two digits.)

A	—
0	9 - 28 02 : 30 PM

- After entry of the minutes, the cursor moves to the upper line.
- Time can be entered either by the 12-hour or 24-hour clock. However, when the item is recalled, the clock system for the schedule mode is the same as that of the clock mode.
- When not entering the time, press **▲** after entering the month and date. The time will be entered as 00:00, and the cursor will move to the upper line.

- Pressing **AM·PM** displays, in the following order:

AM → PM → no symbol → AM ...

Changing symbols with **AM·PM** can be performed when the cursor is on the lower (number) line.

- Enter the schedule details on the upper (alphanumeric) line.

MNO 5	DEF 8	DEF 8	▶	DEF 8	DEF 8	STU 1
STU 1	GHI 9	GHI 9	GHI 9	MNO 5	MNO 5	GHI 9

**A** M E E T I N G  
 09-28 02:30 PM

- Press **ENTER** to store in memory.

- If the user attempts to store an impossible date or time, "**ERROR!**" is displayed. Enter the correct date and time and press **ENTER**.
- The EL-6081 assigns a year to each date input on the assumption that it is in the future, compared to the date of the clock mode.

(Example: If an entry is made for August 20th when the current clock mode date is September 10th, 1988, the entry will be stored under August 20th, 1989.)

- Schedule items stored are sorted chronologically from the current clock mode date.

## 2. Recall

### (1) Sequential search

Press  or .

: Recalls items in forward order.

: Recalls items in reverse order.

### (2) Detail search

Press  to move the cursor to the upper line, enter the first character(s) of the schedule details and press  or  to recall that item directly.

### (3) Date search

Enter the date and press  or  to recall that item directly.

If no appropriate item is found in the memory after a detail search or a date search, **"NOT FOUND!"** is displayed momentarily and the display returns to the item entry prompt.

### **3. Correction**

Correction is performed by the same procedure used for the telephone mode (page 23).

### **4. Deletion**

Schedule items can be deleted by the following two methods:

#### **(1) Deletion by recall**

This is performed by the same procedure used for the telephone mode (page 24).

#### **(2) Automatic deletion using the auto-delete function**

With each passing day, according to the clock mode, items from previous days are automatically deleted.

- If the date of the clock mode is changed, items of an earlier date than the new date will be considered as past items, and will be deleted by the auto-delete function.

### **5. Schedule lists (weekly schedule display function)**

The EL-6081 can display the number of schedule items for up to 10 or 9 days in the future from the current clock mode date.



1 Press **MODE** to select the schedule mode, and then press **ONC**.

2 Press **CALENDAR**.

The days of the week will be displayed in the upper line and the number of items for each day in the lower line.

3 Press **ONC** after checking the weekly schedule.

The display returns to the item entry prompt.

### < Example Display >

1	2	3		4	5	
S	S	M	T	W	T	F
S	M	T	W	T	F	S
1	F	2	3	3		

← Day of the week

← Number of items

6

1 Saturday (Current day is shown first.)

2 Sunday

3 Monday

4 Saturday of next week

5 Sunday one week after 2

6 "F" is displayed when there are 10 or more stored items for that day.

## 6. Anniversaries

The schedule mode is equipped with an anniversary function which allows the storage of 10 anniversaries in addition to ordinary schedule data. Each item consists of an anniversary detail (12 columns), and the month and date.

### (1) Entry

**Example: Storing of an anniversary (April 30 WEDDING)**

1 Press **MODE** to select the schedule mode.

2 Press **ANNI.**.

ANNIVERSARY?  
00-00

Flashes

3 Begin entry from the lower line.

Enter the month and date, using two digits each, respectively.

0 JKL 4 YZ 3 0

- After entry of the date, the cursor moves to the upper line.

A —  
04-30

4 Enter the details.

VWX 2	VWX 2	DEF 8	DEF 8	▶	DEF 8	▶
DEF 8	GHI 9	GHI 9	GHI 9	MNO 5	MNO 5	GHI 9

A W E D D I N G

0 4 - 3 0

5 Press **ENTER** to store in memory.

- Up to 10 anniversaries can be stored in the memory.  
If **ENTER** is pressed to store items when the ten-item capacity is insufficient, **"FULL! NOT IN"** will be displayed and the item will not be stored in the memory. If this occurs, delete unnecessary or less important anniversary items, and repeat the operation.
- The stored items will be sorted in chronological order from January 1st to December 31st.

## (2) Recall•Correction•Deletion

Press **ANNI.** to display the anniversary item entry prompt after selecting the schedule mode.

Items can be recalled, corrected, or deleted by the same procedure used for ordinary schedule items.

- There is no auto-delete function (refer to page 30) for items entered using the anniversary function.

## **7. Checking the day of the week (day of the week confirmation function)**

There are three ways to check the day of the week.

### **(1) Day confirmation by recalling schedule items**

- 1 Press **MODE** to select the schedule mode.
- 2 Recall that day's schedule to confirm the day of the week.
- 3 Press and hold **CALENDAR**.

### **(2) Day confirmation by designating the month and date**

- 1 Press **MODE** to select the schedule mode.
- 2 Enter the date in the lower line, then press and hold **CALENDAR**.

### **(3) Day confirmation by designating the year, month, and date**

- 1** Press **MODE** to select the schedule mode.
- 2** Enter the month, date, and year in the lower line, then press and hold **CALENDAR**.  
The year is entered in the hours and minutes column of the schedule item.

## **8. Alarms for schedule mode**

The schedule mode is equipped with the following three alarms:

### **(1) Advance alarm**

There is slow beeping for 20 seconds, 10 minutes before the designated schedule item.

### **(2) Schedule alarm**

There is rapid beeping for 20 seconds when the time set for a schedule item is reached.

### **(3) Anniversary alarm**

There is rapid beeping for approximately 5 seconds on every hour from 9:00 AM to 3:00 PM during a designated anniversary.

The items are displayed when the alarm sounds. ("SECRET DATA" is displayed if the item is secret. Refer to page 37 regarding secret data.)

Press either **ALARM**, **ONC**, **CE**, or **OFF** to turn off the alarm sound. The alarm cannot be turned off for items in the schedule mode. It will always sound for the designated stores.

- The schedule and anniversary alarms will not sound in the following cases:  
When the advance alarm is stopped the schedule alarm for that item will not sound.  
Once the anniversary alarm is stopped, there will be no more alarms during that anniversary.
- Multiple alarms set for the same time will sound in the following order of priority:
  - ① Schedule alarm
  - ② Advance alarm
  - ③ Daily alarm
  - ④ Anniversary alarm
  - ⑤ Hourly alarms

## 9 Secret Function


This function is used to prevent other people from gaining access to items stored in the telephone or schedule mode. This function requires a password registration.

### 1. Registering the password (Setting up the secret function)

**Example: Registering "ADG"**

1 Press **MODE** to select the telephone (or schedule) mode, and then press **ONC**.

2 Press **SECRET**.

"PASS. W SET?" will be displayed and  will flash.

- If "PASSWORD?" is displayed, a password has already been registered. To register "ADG" as the new password, delete the current password. (Refer to page 46 for the deletion procedure.)

3 Enter the password "ADG" and press **SECRET**.

ABC 7	DEF 8	GHI 9	<b>SECRET</b>
----------	----------	----------	---------------

 will stop flashing and the password will be registered.

- If the password is forgotten, it will be necessary to clear both the password and the secret items. Be sure to jot the password down somewhere safe.
- Only one password can be registered, but many secret items can be entered. Up to 6 characters (letters, symbols, numbers, hyphens, dots, or spaces) can be entered as a password. Spaces entered in the password must be followed by some other character.

## 2. Closing and opening the secret function


### (1) Closing the secret function

1 Press **MODE** to select the telephone (or schedule) mode, and then press **ONC**.

2 Press **SECRET** when  is displayed.

The password will be displayed and the entire display will flash.

3 Press **SECRET** again.

“**SECRET CLOSE**” will be displayed momentarily, and  will disappear to indicate that the secret function has been closed.

- The secret function can also be closed by pressing **OFF** to turn off the power, or by pressing **SECRET** while recalling stored items.




## (2) Opening the secret function

1 Press **MODE** to select the telephone (or schedule) mode, and then press **ONC**.


2 Press **SECRET**.

"**PASSWORD?**" will be displayed.

3 Enter the password and press **SECRET**.

"**SECRET OPEN**" will be displayed momentarily and  will be displayed to indicate that the secret function is open.

- The secret function can also be opened by entering the password and pressing **SECRET** after pressing **ONC**.

(In the schedule mode, enter the password and press **SECRET** after pressing **ONC** and moving the cursor to the upper line with .)

## 3. Storing secret items

Items stored while the secret function is open become secret.

Items stored while the secret function is closed become non-secret even after registering a password.


- 1 Open the secret function. (Refer to page 39.)
- 2 Store the item using the same procedure used for non-secret items.
  - It will no longer be possible to recall secret items after the secret function has been closed. (Refer to page 38.)

#### **4. Recalling secret items**

Secret items can only be recalled when the secret function is open.

- 1 Open the secret function. (Refer to page 39.)
- 2 Press  or  to recall the item.

Secret items can also be recalled with the direct search procedure used for non-secret items.

- Items for which  flashes are secret items.
- In the telephone mode, secret items are recalled before non-secret items.

#### **5. Correcting and deleting secret items**

After opening the secret function, secret items can be corrected or deleted using the same procedures used for non-secret items.

## 6. Changing the password

1 Open the secret function. (Refer to page 39.)

2 Press **ONC** **SECRET**.

The password will be displayed and the entire display will flash.

3 Press **▶**.

**■** and the first character of the password will flash.

4 Enter the new password.

5 Press **SECRET**.

**■** will stop flashing and the password will be changed.

### Note

If an incorrect password is used when opening the secret function, the display will appear as shown. Press **ONC** and repeat the procedure using the correct password.

x	x	x	x	x	x	x	x	x	x	x	x	x	x
0	0	0	0	0	0	0	0	0	0	0	0	0	0

## 10 Calculator Mode

The EL-6081 can calculate numbers of up to 10 digits.

### 1. Calculation

Press **MODE** to select the calculator mode.

Before performing a calculation, press **ONC** **CM** to clear the memory and display.

Example	Operation	Display
$(-24 + 2) \div 4 = -5.5$	<b>ONC</b> <b>-</b> 24 <b>+</b> 2 <b>÷</b> 4 <b>=</b>	-5.5
$34 + 57 = 91$ $45 + 57 = 102$	34 <b>+</b> 57 <b>=</b> 45 <b>=</b>	91. 102.
$68 \times 25 = 1700$ $68 \times 40 = 2720$	68 <b>×</b> 25 <b>=</b> 40 <b>=</b>	1700. 2720.
$200 \times 10\% = 20$	200 <b>×</b> 10 <b>%</b>	20.

$9 \div 36 = 25(\%)$	9 <input type="text" value="÷"/> 36 <input type="text" value="%"/>	25.
$200 + (200 \times 10\%) = 220$	200 <input type="text" value="+"/> 10 <input type="text" value="%"/>	220.
$500 - (500 \times 20\%) = 400$	500 <input type="text" value="-"/> 20 <input type="text" value="%"/>	400.
$4^6 = (4^3)^2 = 4096$	4 <input type="text" value="×"/> <input "="" type="text" value="="/> <input "="" type="text" value="="/> <input type="text" value="×"/> <input "="" type="text" value="="/>	4096.
$1/8 = 0.125$	8 <input type="text" value="÷"/> <input "="" type="text" value="="/>	0.125
$25 \times 5 = 125$ $-) 84 \div 3 = 28$ $+ ) 68 + 17 = 85$ <hr/> 182	<input type="text" value="CM"/> 25 <input type="text" value="×"/> 5 <input type="text" value="M+"/> 84 <input type="text" value="÷"/> 3 <input type="text" value="M-"/> 68 <input type="text" value="+"/> 17 <input type="text" value="M+"/> <input type="text" value="RM"/>	M 125. M 28. M 85. M 182.

$135 \times (12 + 14) = 3510$ $(12 + 14) \div 5 = 5.2$	<div>CM 12 + 14 M+</div> <div>135 × RM =</div> <div>RM ÷ 5 =</div>	M 26. M 3510. M 5.2
$2 + 3 \rightarrow 2 + 4 = 6$	2 + 3 CE 4 =	6.
$1234567891 \times 145$ $= 179012344195$	<div>1234567891 × 145 =</div> <div>CE</div> <div><math>(17.90123441 \times 10^{10} = 179012344100)</math></div>	E 17.90123441 17.90123441

## Errors

When the integer part of a calculation result or any integer in the memory exceeds 10 digits, or other impossible operations are attempted, an ERROR will occur.

("E" will appear in the upper line.)

Press **ONC** to clear the error.

Overflow errors can be cleared with **CE**.

## 11 Memory

### 1. Memory check

1 Press **MODE** to select the telephone (or schedule) mode, and then press **ONC**.

2 Press **M·CK**.

The number of characters that can still be stored is displayed.

3 Press **M·CK** again.

The number of items stored in the telephone and schedule modes is displayed.

- The two displays described above (remaining characters and number of items) alternate every time **M·CK** is pressed.

Press any key other than **M·CK** to return the display to the item entry prompt.

#### Note

The EL-6081 can store up to 1752 characters in its memory (excluding memories of the anniversary function and the calculator mode).

If **ENTER** is pressed in an attempt to store items when the remaining memory capacity is insufficient, "**FULL! NOT IN**" will be displayed and the item will not be stored. In this case, press **ONC**, and either delete previously stored items or change the item to be stored so that it will not exceed the memory capacity. Repeat the storing procedure once again.

When storing characters, one column in the alphanumeric line is counted as one character, and two columns in the number lines are counted as one character. If there is an odd number of columns in the number lines, the leftover digit is counted as one character. In addition to the space taken up by visible characters, four characters are used as separators for each item.

If nothing is entered in an alphanumeric line, one space character will be stored in the memory.

## **2. Clearing the memory (Reset operation)**

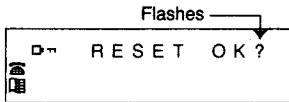
The data stored in the EL-6081 contains secret items and non-secret items.

When clearing all items, first clear the secret items and then the non-secret items.



1 Press **ONC**.

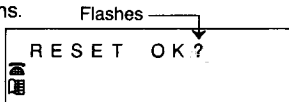
2 Press the **RESET** switch on the back.



3 Press **ENTER**.

This clears only the password and secret items.

4 Press the **RESET** switch again.



5 Press **ENTER**.

The non-secret items has been cleared.

The clock is also reset by this operation and starts from 0:00, January 1, 1988.

- To cancel the deletion, press any key other than **ENTER** after pressing the **RESET** switch.
- If there is no password registration, steps 1, 4, and 5 will clear all the data in the EL-6081.

## 12 Battery Replacement

Be sure to replace the battery once a year. (Use the battery replacement date label as a reminder when to replace the battery.) However, when the display appears faint and is difficult to read within one year, the battery is exhausted. Replace it immediately with a new battery.

Loss or alteration of stored data may occur when replacing the battery. **Be sure to keep a written record of all important data.**

Install a new lithium battery (CR2016) following the procedure described below.

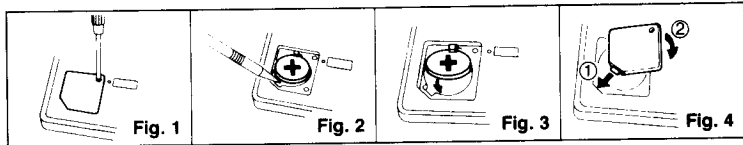
**Be sure to complete steps 3 to 4 within one minute.**

- 1 Press **OFF** to turn the power off.
- 2 Remove the screw from the battery cover on the back of the EL-6081 and remove the battery cover. (Fig. 1)
- 3 Remove the old battery with a ball-point pen or similar object. (Fig. 2)
- 4 Install the new battery with the plus (+) side up, first hooking it under the tab.

- 5 Replace the battery cover and secure the screw after making sure that the plus (+) side of the battery is facing up. (Fig. 4)
- Loss of or alteration of stored data may occur if 6 is performed with the wrong polarity.

- 6 Press **ONC**.

If nothing is displayed, press the **RESET switch** and press **ONC** again.



- 7 Press **MODE** to select the mode, and press **V** to check all data. Correct or re-enter data if it has been lost or altered, and check all data once more.
- 8 Use **CLOCK** and the **CLOCK SET switch** to correct the time for the clock mode and the time set for the daily alarm.

### Note

If any method or operation is mistaken during the battery replacement, the screen may not display anything or meaningless displays may appear after step [6]. If this happens, or if data cannot be corrected properly by step [7], perform the following procedure (However, this procedure will delete all data.):

- 1 Press the **RESET** switch.
- 2 Press **ENTER**.
- 3 Press the **RESET** switch and **ENTER** once more.

### Precautions

- Keep the battery out of the reach of children.
- A worn battery left in the EL-6081 may leak and damage the EL-6081.
- Explosion risk may be caused by incorrect handling.
- It is only allowed to replace with the same type of this battery.

### Automatic Power-Off Function

If no keys are pressed for approximately 7 minutes, the power will automatically turn off to conserve the battery. The memory contents will remain intact. (The actual time may vary depending upon the conditions of use.)

## 13 When Abnormal Conditions Cause a Malfunction

If the EL-6081 is subjected to strong, extraneous electrical noises or shocks during use, an abnormal condition may occur in which no keys (including **ONC**) will respond. If this happens, press the **RESET switch** on the back of the EL-6081 and any key other than **ENTER**.

### Note

The above operation may clear all memory and reset the clock.

## 14 Specifications

Model:	EL-6081
Display:	Upper line: 12 columns (characters), 2 columns (symbols) Lower line: 12 columns (characters), 2 columns (symbols)
Memory capacity:	1752 bytes (schedule (excluding the anniversary function) and telephone modes) 10 items (anniversary function) 1 value (calculator mode)
< <b>Clock Mode</b> >	
Crystal oscillation frequency:	32,768Hz
Accuracy:	± 30 seconds/month (at 25°C (77°F))

Displayed information: Year, month, date, day of the week, hour, minutes, seconds, AM/PM

Clock system: Switchable from a 12-hour clock to a 24-hour clock

**< Telephone Mode >**

Functions: Entry and recall of names and numbers, data memo calculation

**< Schedule Mode >**

Functions: Entry and recall of schedule (details, date, time) and anniversaries (details and date), day of the week confirmation, weekly schedule display

**< Calculator Mode >**

Digits: 10

Functions: Key touch tone on/off, addition, subtraction, multiplication, division, percent, memory calculations, etc.

### **< General Specification >**

Power supply:	3V DC (lithium battery CR2016; 1)
Power consumption:	0.003 W
Battery life:	Approx. 1 year (when alarm sounds 20 seconds, the key touch tones sound 100 times, and the display is on 30 minutes, each per day at 25°C (77°F)).
Operating temperature:	0°C — 40°C (32°F — 104°F)
Dimensions:	108 (W) × 68 (D) × 7.2 (H) mm (4-1/4 " (W) × 2-11/16 " (D) × 9/32 " (H)) (excluding the wallet)
Weight:	84 g (0.19 lb) (including the battery and wallet)
Accessories:	1 lithium battery (installed), Operation Manual, Quick Guide



# MEMO

## MEMO

**EL-6081**

**LIMITED WARRANTY:**

SHARP ELECTRONICS CORPORATION warrants this product to the first consumer purchaser to be free from defective materials and workmanship. Under this warranty the product will be repaired or replaced, at our option, without charge for parts or labor, with the exception of batteries, when returned to a SHARP CONSUMER FACTORY SERVICE CENTER listed in the instruction booklet supplied with your unit.

This warranty does not apply to any appearance items not to any product whose exterior has been damaged or defaced, nor to any product subjected to misuse, abnormal service or handling, nor to any products altered or repaired by other than a SHARP CONSUMER FACTORY SERVICE CENTER. This warranty does not apply to any product purchased outside the United States, its territories, or possessions.

The period of this warranty covers one (1) year on parts and one (1) year on labor from date of purchase.

This warranty entitles the first consumer purchaser to have the warranted parts and labor rendered at no cost for the period of the warranty described above when the unit is carried or shipped, prepaid, to a SHARP CONSUMER FACTORY SERVICE CENTER together with proof of purchase.

THIS SHALL BE THE EXCLUSIVE WRITTEN WARRANTY OF THE FIRST CONSUMER PURCHASER AND NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, SHALL EXTEND BEYOND THE PERIOD OF THE TIME LISTED ABOVE. IN NO EVENT SHALL SHARP BE LIABLE FOR CONSEQUENTIAL ECONOMIC DAMAGE OR CONSEQUENTIAL DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW A LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR AN EXCLUSION OF CONSEQUENTIAL DAMAGE, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO YOU. IN ADDITION, THIS WARRANTY GIVES SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

SERVICE CENTER ADDRESS SHARP ELECTRONICS CORPORATION  
SHARP SERVICE CENTER  
1300 Naperville Drive  
Romeoville, Illinois 60441  
(312) 759-8555

# SHARP

## SHARP ELECTRONICS CORPORATION

**CORPORATE HEADQUARTERS AND EXECUTIVE OFFICES:**

Sharp Plaza, Mahwah, New Jersey 07430-2135

Phone: (201) 529-8200

**REGIONAL SALES OFFICES AND DISTRIBUTION CENTERS:**

Eastern: Sharp Plaza, Mahwah, New Jersey 07430-2135

Phone: (201) 529-8200

Midwest: 1300 Naperville Drive, Romeoville, Illinois 60441

Phone: (312) 759-8555

Western: Sharp Plaza 20600 South Alameda Street, Carson, California 90810

Phone: (213) 637-9488

# SHARP CORPORATION

OSAKA, JAPAN

PRINTED IN JAPAN

8J12.8KS(TINSE5126CCZZ)