

SHARP®

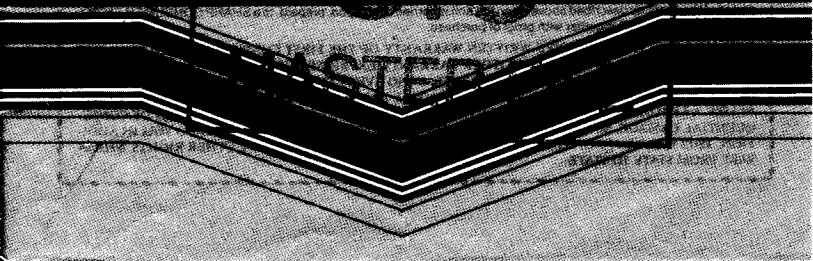
ELECTRONIC ORGANIZER

MEMO MASTER 100

MODEL

EL-6071

OPERATION MANUAL



EL-6071

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.

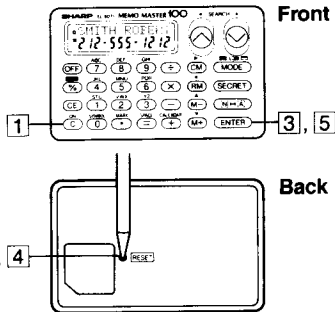
THIS SHALL BE THE EXCLUSIVE WRITTEN WARRANTY OF THE FIRST CONSUMER PURCHASER AND NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, SHALL EXTEND BEYOND THE PERIOD OF THE TIME LISTED ABOVE. IN NO EVENT SHALL SHARP BE LIABLE FOR CONSEQUENTIAL ECONOMIC DAMAGE OR CONSEQUENTIAL DAMAGE TO 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.

Using the EL-6071 for the First Time

The EL-6071's memory was cleared at the factory. However, to ensure a blank memory, perform the following operation before using the EL-6071 for the first time. (The memory contents will be cleared by this operation.)

• Procedure

- 1 Press **ON/C**.
- 2 Press the **RESET** switch on the back.
- 3 Press **ENTER**.
- 4 Press the **RESET** switch again.
- 5 Press **ENTER**.



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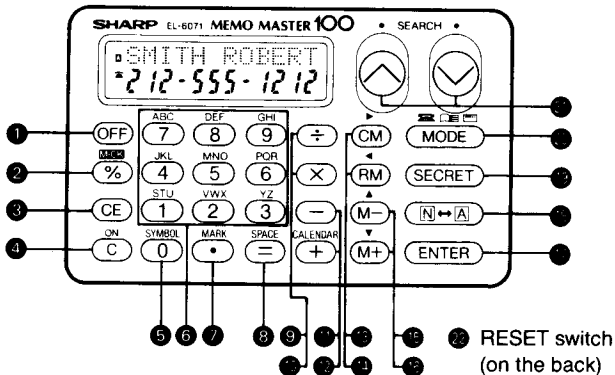
The instructions for the EL-6071 consist of this Operation Manual and the Quick Guide. Carry the Quick Guide with you in case there is something you do not understand. Most operations are described in the Quick Guide.

1 Cautions

- Do not carry the EL-6071 in the pocket of your slacks or trousers. Sitting down with the EL-6071 in the pocket may damage the EL-6071, particularly the display.
- Do not drop or apply excessive force as the display may break.
- Do not leave the EL-6071 where it may be subject to extreme temperatures, such as in a closed vehicle under direct sunlight or near a heater.
- Clean with a soft, dry cloth. Do not use volatile cleaners (thinner, benzene, etc.) or a wet cloth.
- At times, 力, 英, ㊦, ㊧, **AM** and **PM** may appear faintly on the display. This, however, will not affect the operation of the EL-6071.



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

2 Part Names



- ① Power OFF key
- ② Percent/Memory Check key
- ③ Clear Entry key
- ④ Power ON/Clear key
- ⑤ Zero/SYMBOL key
- ⑥ Alphanumeric keys
- ⑦ Decimal point/Schedule priority MARK key
- ⑧ Equals/SPACE key
- ⑨ Division key
- ⑩ Multiplication key
- ⑪ Subtraction/Hyphen key
- ⑫ Addition/CALENDAR key
- ⑬ Clear memory/Right cursor key
- ⑭ Recall memory/Left cursor key
- ⑮ Memory minus/Up key
- ⑯ Memory plus/Down key
- ⑰ ENTER key
- ⑱ Number-Alphabet key
- ⑲ SECRET key
- ⑳ MODE key
- ㉑ SEARCH keys
- ㉒ RESET switch (on the back)




When Abnormal Conditions Cause a Malfunction

If the EL-6071 is subjected to strong, extraneous electrical noises or shocks during use, an abnormal condition may occur in which no keys (including ) will respond. If this happens, press the **RESET switch** on the back of the EL-6071 and **any key other than** .





Note: Memory contents may be cleared with the above reset operation.


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


3 Display Symbols

- A** : Indicates that alphabetic characters and symbols can be entered in the alphanumeric line.
-  : Indicates that **the telephone mode** is activated.
-  : Indicates that **the schedule mode** is activated.
-  : Indicates that the secret items can be entered and recalled.
- ↑ : Indicates that **more information** exists above the current display.
- ↓ : Indicates that **more information** exists below the current display.
- , |||| : The cursor indicates the position where an alphabetic character, number or symbol is to be entered by lighting or flashing.

4 Cursor Movement





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 repeat movement.
- If ↑ or ↓ is displayed, the undisplayed information in the direction of the arrow can be displayed by pressing  or .

5 Memory Check

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

2 Press **M-CK %** to display how many more characters can be stored in memory.

1 8 3 8 C H A R A

(1838 more characters can be stored.)

3 Press **M-CK %** again to display how many telephone and schedule items are stored.

T E L	S C D L
3	1

(3 items stored in telephone mode and 1 item stored in schedule mode.)

These displays are toggled by pressing **M-CK %**.

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




The EL-6071 can store up to 1936 characters in its telephone and schedule memory. If **ENTER** is pressed 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 **ON C**, 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, each character in the alphanumeric line is counted as one character, and two digits in the number lines are counted as one character. If there is an odd number of digits in the number lines, the leftover digit is counted as one character. Further to the space taken up by characters, four space characters are used for separators.

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

6 Clearing Memory (Reset Operation)

Press  before clearing memory.


<Clearing the password and secret items>

- If a password is registered

Clear the password and secret items before clearing the memory contents. Follow this procedure. (If a password is not registered, skip this procedure. Follow the next procedure.)

1 Press the **RESET** switch.

2 Press .

(To cancel this operation, press any key other than .)

Flashes
↓



The EL-6071 will return to the mode that was active before the **RESET switch** was pressed and the password and secret items will have been cleared.

< **Clearing the memory contents** >

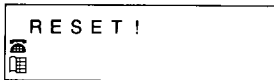
- If a password is not registered

1 Press the **RESET switch**.

2 Press **ENTER**.

(To cancel this operation, press any key other than **ENTER**.)

Flashes
↓



The EL-6071 will return to the mode that was active before the **RESET switch** was pressed.

7 Calculation

Press **MODE** to select the calculator mode. The calculator mode operates the same way as most other calculators. Before performing a calculation, press

ON
C **CM**.

Calculation	Example	Operation	Display (answer)
Arithmetic	$(-24) \div 4 - 2 = -8$	ON C - 24 ÷ 4 - 2 =	-8.
	<ul style="list-style-type: none"> Calculations with a negative number can only be performed when the negative number is the first operand and is made negative by pressing ON C -. 		
Constant	$34 + 57 = 91$	34 + 57 =	91.
	$45 + 57 = 102$	45 =	102.
	$68 \times 25 = 1700$	68 x 25 =	1700.
	$68 \times 40 = 2720$	40 =	2720.
	<ul style="list-style-type: none"> Subtraction: subtrahend is constant. Division: divisor is constant. 		

		Operation	Display (answer)
Exponential	$4^6 = (4^3)^2 = 4096$	4 <input type="text" value="x"/> <input type="text" value="="/> <input type="text" value="="/> <input type="text" value="x"/> <input type="text" value="="/>	4096.
Reciprocal	$\frac{1}{8} = 0.125$	8 <input type="text" value="÷"/> <input type="text" value="="/>	0.125
Memory	Totaling $25 \times 5 = 125$ $-) 84 \div 3 = 28$ $+) 68 + 17 = 85$ <hr/> Total = 182	<p>Before beginning, clear memory.</p> <p> <input type="text" value="CM"/> 25 <input type="text" value="x"/> 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"/> </p>	M 125. M 28. M 85. M 182.
	Constant memory $135 \times (12 + 14) = 3510$ $(12 + 14) \div 5 = 5.2$	<input type="text" value="CM"/> 12 <input type="text" value="+"/> 14 <input type="text" value="M+"/> 135 <input type="text" value="x"/> <input type="text" value="RM"/> <input type="text" value="="/> <input type="text" value="RM"/> <input type="text" value="÷"/> 5 <input type="text" value="="/>	M 26. M 3510. M 5.2
Percent	10% of 200?	200 <input type="text" value="x"/> 10 <input type="text" value="%"/>	20.
	9 is what % of 36?	9 <input type="text" value="÷"/> 36 <input type="text" value="%"/>	25.

Calculation	Example	Operation	Display (answer)
Add-on/ discount	10% add-on to 200	200 <input type="text" value="+"/> 10 <input type="text" value="%"/> (or 200 <input type="text" value="x"/> 10 <input type="text" value="%"/> <input type="text" value="+"/> <input type="text" value="="/>)	220.
	20% discount on 500	500 <input type="text" value="-"/> 20 <input type="text" value="%"/> (or 500 <input type="text" value="x"/> 20 <input type="text" value="%"/> <input type="text" value="-"/> <input type="text" value="="/>)	400.
Application	Interest calculation • Principal: 1,000,000 • Annual interest: 5% What is the total of principal plus interest?	1 <input type="text" value="+"/> 5 <input type="text" value="%"/> <input type="text" value="x"/> 100 <input type="text" value="="/> (After 1 year) <input type="text" value="="/> (After 2 years) <input type="text" value="="/> (After 3 years)	1.05 105. 110.25 115.7625 (Unit: 10,000)
Approximate calculation (Overflow error)	1234567891 × 145 = 179012344195	1234567891 <input type="text" value="x"/> 145 <input type="text" value="="/> → 17.90123441 (Clearing error) <input type="text" value="CE"/> → 17.90123441 ↑ Indicates 10 billions (Approximate 179,012,344,100)	E

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 to clear the error.

Overflow errors can be cleared with .

8 Power Supply

The EL-6071 uses one lithium battery (CR2016).

- Automatic Power-Off Function

If no keys are pressed for about 7 minutes, the power will automatically turn off to conserve the battery. Memory contents will remain intact.

(The actual time may vary depending upon the condition of use.)

To resume operation, press .

When the battery becomes exhausted, the display will appear faint and will be difficult to read when looked at correctly.

Caution Regarding Battery Replacement

The contents of the memory will be lost when the battery is replaced, so be sure to keep a written record of all important data.

When the battery becomes exhausted, replace it as described below:

- 1 **Turn the power off** and remove the screw in the battery cover on the back of the EL-6071 and remove the battery cover. (Fig. 1)
- 2 Remove the old battery with a ball-point pen or similar object. (Fig. 2)
Install the new battery with the plus ⊕ side up. (Fig. 3)

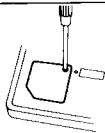


Fig. 1



Fig. 2

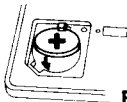


Fig. 3

- 3 Replace the battery cover and secure the screw. (Fig. 4)
- 4 Proceed with the reset operation, refer to **Clearing Memory (Reset Operation)** on page 11.

- The reset operation must be performed after replacing the battery, or the EL-6071 may not operate properly (i.e. “ナマエ?” may be displayed).

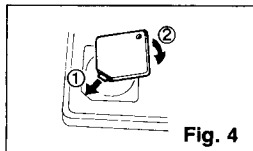


Fig. 4

Precautions

- Keep the battery out of the reach of children.
- A worn battery left in the EL-6071 may leak and damage the EL-6071.
- Explosion risk may be caused by incorrect handling.
- It is only allowed to replace with the same type of this battery.

9 Specifications

Model:	EL-6071
Display:	Upper line: 12 columns, 2 symbols Lower line: 12 columns, 2 symbols
< Telephone mode >	Name and number, entry and recall
< Schedule mode > Memory capacity:	Schedule details, date and time, entry and recall 1936 bytes (Total for both Telephone and Schedule modes)
< Calculator mode > Digits:	10
Functions:	Addition, subtraction, multiplication, division, percent, memory calculation, etc.

- SHARP assumes no responsibility for data lost or otherwise rendered unusable as a result of calculator repairs, defects or battery replacement, or for damage caused by mishandling or dropping of the EL-6071. Be sure to transfer all important entries to paper.
- Sample applications shown in the manual are intended as EXAMPLEs only. SHARP assumes no responsibility, directly or indirectly, for financial losses or claims from third persons resulting from the use of these EXAMPLEs.
- SHARP assumes no responsibility, directly or indirectly, for financial losses or claims from third persons resulting from the use of this product and its functions.

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