SHARP®

ELECTRONIC ORGANIZER

MEMO MASTER

MODEL
EL-6060
EL-6061

OPERATION MANUAL

EL-6060/EL-6061
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.

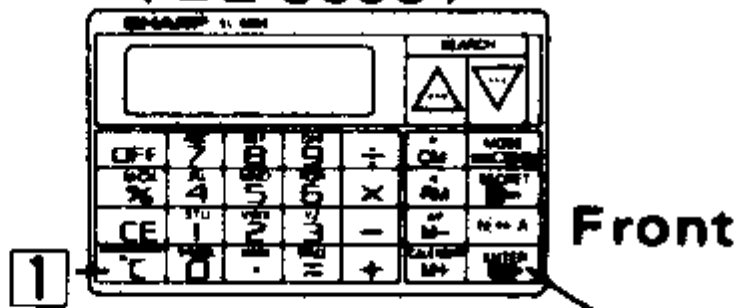
When Using for the First Time

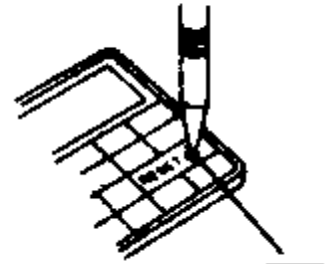
Your calculator's memory has been cleared at the factory. However, to ensure a blank memory, perform the following operation before using the calculator for the first time. (The memory contents will be cleared by this operation.)

- **Procedure**

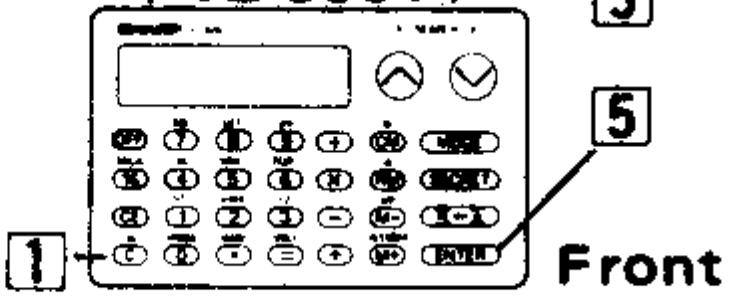
1. Press [ON/C].
2. Press the **RESET switch** on the back.
3. Press [ENTER].
4. Press the **RESET switch** again.
5. Press [ENTER].

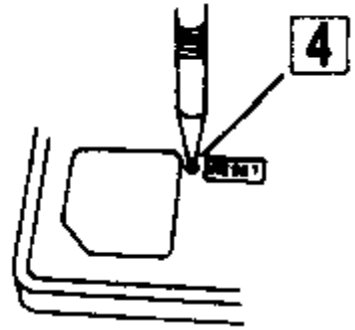
⟨ EL-6060 ⟩





⟨ EL-6061 ⟩





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The instruction for the EL-6060 and EL-6061 consists 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.

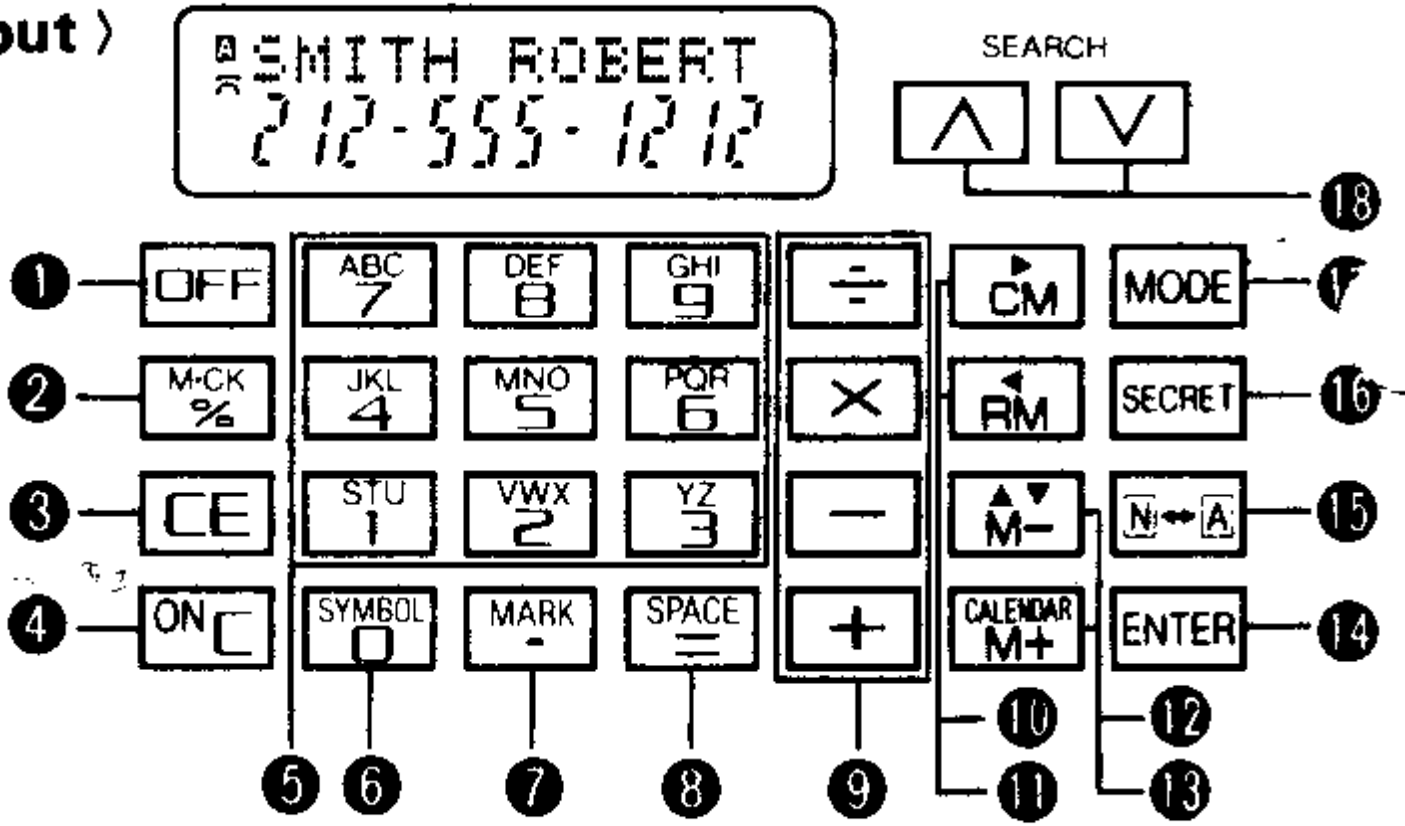
CAUTIONS

- Do not carry the calculator in the pocket of your slacks or trousers. Sitting down with the calculator in the pocket may damage the calculator, particularly the display.
- Do not drop or apply excessive force as the display may break.
- Do not leave the calculator 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.
- If service is required, use only a SHARP servicing dealer, SHARP approved service facility, or SHARP repair service where available.
- The information in this manual is for both models EL-6060 and EL-6061 unless otherwise specified.

PART NAMES

⑲ RESET switch (on the back)

〈 Key Layout 〉



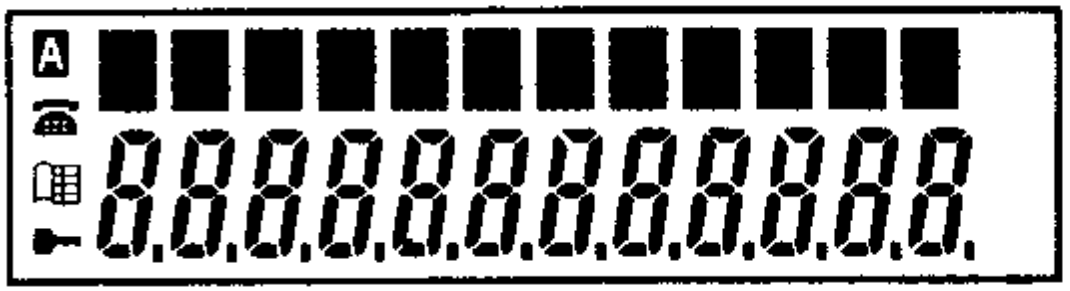
❶ Power OFF key
❷ Percent/Memory Check key
❸ Clear Entry key
❹ Power ON/Clear key
❺ Alphanumeric keys
❻ Zero/SYMBOL key
❼ Decimal point/Schedule priority MARK key
❽ Equals/SPACE key
❾ Arithmetic keys
❿ Clear memory/Right cursor key
⓫ Recall memory/Left cursor key
⓬ Memory minus/Cursor up-down key
⓭ Memory plus/ CALENDAR key
⓮ ENTER key
⓯ Number-Alphabet key
⓰ SECRET key
⓱ MODE key
⓲ SEARCH keys
⓳ RESET switch

When Abnormal Conditions Cause a Malfunction

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

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 an object with a sharp tip.

THE DISPLAY



A : Indicates that alphabetic characters and symbols can be entered in the upper display.

: Indicates that **the telephone mode** is activated.

: Indicates that **the schedule mode** is activated.

: Indicates that the secret item can be entered and recalled.

, : The cursor — indicates the position where an alphabetic character, number or symbol is to be entered by lighting or flashing.

CURSOR MOVEMENT

The cursor can be moved by [M−], [CM] or [BM].

[M−] : Moves the cursor to the leftmost column of the lower display when the cursor is in the upper display. Moves the cursor to the leftmost column of the upper display when the cursor is in the lower display.

[CM] : Moves the cursor to the right. When the cursor is in the rightmost column of the lower display and [CM] is pressed, it will move to the leftmost column of the upper display.

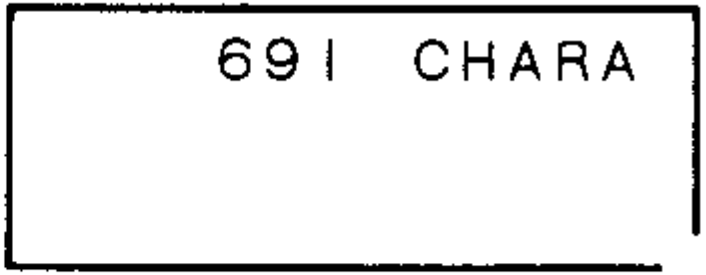
[RM] : Moves the cursor to the left. When the cursor is in the leftmost column of the upper display and [RM] is pressed, it will move to the rightmost column of the lower display.

Hold [CM] or [RM] for rapid movement.

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.



(691 more characters can be stored.

3 Press [M-CK %] again to display how many different telephone and schedule items are already stored.

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

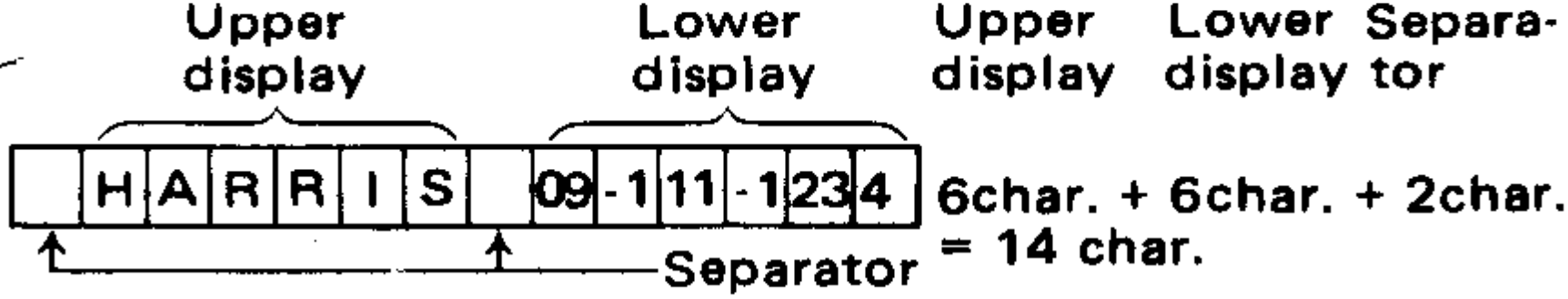
The above displays are toggled by pressing [M-CK %] .
Press any key other than [M-CK %] to return to the initial mode.

= Reference=

The memory contents are stored as shown below:

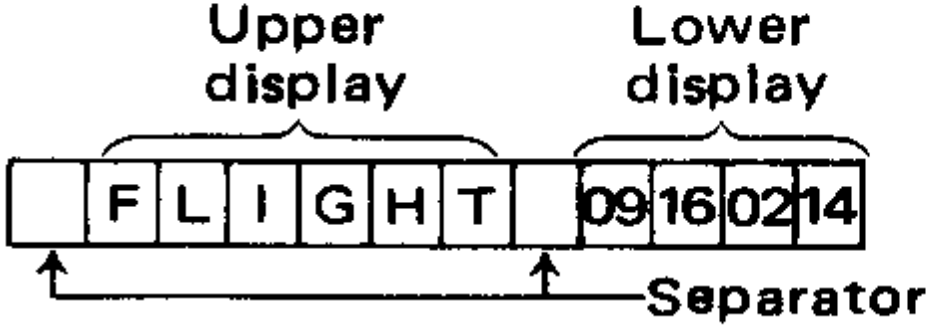
- Telephone mode

ex. HARRIS 09-111-1234



● Schedule mode

ex. FLIGHT 09-16 02:14



Upper display: 6char.
Lower display: 4char.
Separator: 2char.
= 12 char.

For upper display, 1 column is counted as one character.
For lower display, 2 columns are counted as one character (a single column is counted as one character).
One space is also required at the start of the upper and lower displays as a separator.
A space counted as one character is automatically entered even if nothing is entered in the upper display.

Up to 728 characters can be stored in this calculator.

- A total of 52 items can be stored if 6 columns are entered in the upper display and 12 columns in the lower display.
  Upper display Lower display Separator
  6 char. + 6 char. + 2 char. = 14 char.
  $728 \div 14 = 52$
- A total of 60 items can be entered if 6 columns are entered in the upper display and 8 columns in the lower display.
  Upper display Lower display Separator
  6 char. + 4 char. + 2 char. = 12 char.
  $728 \div 12 = 60.666...$
  "FULL! NOT IN" is displayed when you enter data and press [ENTER] if the memory does not have a sufficient capacity to store the entered data. Press [ON/C] . In this case, however, the data entered before you pressed the [ENTER] is not stored in memory.
  Delete existing data in the memory or reduce data which you want to enter so that it can be stored in the memory.

CLEARING MEMORY (RESET OPERATION)

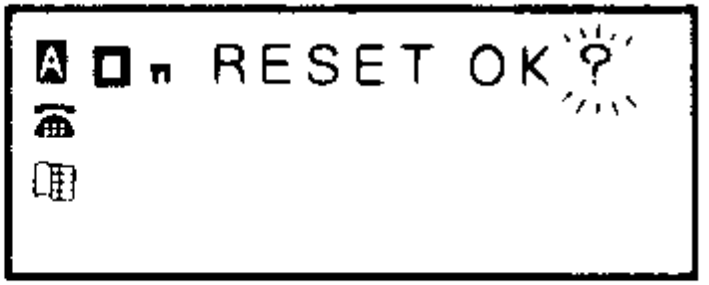
Press [ON/C] before clearing memory.

〈Clearing the password and secret items〉

● If a password is registered

If a password is already registered, the user must clear the password and secret items first, before clearing the memory contents, follow this procedure. (If a passsword is not registered, the user only needs to clear the memory contents, follow the next procedure, skip this procedure.)

1 Press the **RESET switch**



2 Press ENTER.
(To cancel the operation, press any key other than ENTER.)

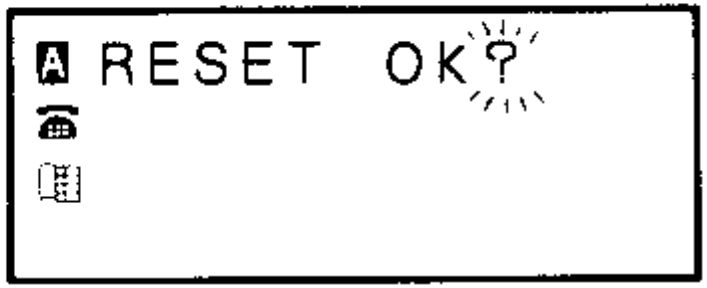
The calculator will return to the mode that was active before the **RESET switch** was pressed and the password and secret items will have been cleared.

Clearing the memory contents〉

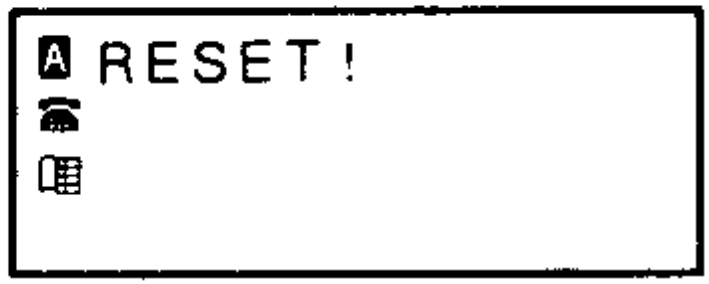
- If a password is not registered

Flashes

1 Press the **RESET switch**.



2 **Press** [ENTER] .
(To cancel the operation, press any key other than [ENTER].)



The calculator will return to the mode that was active before the RESET switch was pressed.

CALCULATION

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

Calculation	Example	Operation	Display (answer)
Arithmetic	$(-24) \div 4 - 2 = -8$	[C] [−] 24 [÷] 4 [−] 2 [=]	−8.
	• Calculations with a negative number can only be performed when the negative number is the first operand and is made negative by pressing [C] [−].		
Constant	34 + 57 = 91 45 + 57 = 102	34 [+] 57 [=] (Constant addend) 45 [=]	91. 102.
	68 × 25 = 1700 68 × 40 = 2720	68 [×] 25 [=] (Constant multiplicand) 40 [=]	1700. 2720.
	• Subtraction: subtrahend is constant. Division: divisor is constant.		

Calculation	Example	Operation	Display (answer)
Exponential	$4^6 = (4^3)^2 = 4096$	4 [×] [=] [=] [×] [=]	4096.
Reciprocal	$\frac{1}{8} = 0.125$	8 [÷] [=]	0.125
Memory	Totaling 25 x 5 = 125 −) 84 ÷ 3 = 28 +) 68 + 17 = 85 Total = 182	Before beginning, clear memory. [CM] 25 [×] 5 [M+] 84 [÷] 3 [M−] 68 [+] 17 [M+] [RM]	M 125. M 28. M 85. M 182.
	Constant memory 135 x (12 + 14) = 3510 (12 + 14) ÷ 5 = 5.2	[CM] 12 [+] 14 [M+] 135 [×] [RM] [=] [RM] [÷] 5 [=]	M 26. M 3510. M 5.2
Percent	10% of 200?	200 [×] 10 [%]	20.
	9 is what % of 36?	9 [÷] 36 [%]	25.

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

Errors

When the integer part of a calculation result or any integer in the memory exceeds 10 digits, or other impossible operations are tried, an **ERROR** will occur. ("E" will appear in the upper display.)

Press [ON C] to clear the error.

Approximate calculation errors can be cleared with [CE] .

POWER SUPPLY

This calculator 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 consumption, but the memory contents will remain intact. (The actual time may be shorter or longer than 7 minutes depending on conditions.)
  To resume operation, press [ON].

When the battery is 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:

〈 **EL-6060** 〉

1. Press [OFF] to turn off the power.
2. Pull out the battery drawer as shown in Fig. 1.
3. Remove the old battery and insert a new battery with the ⊕ side up. (See Fig. 2.)
4. Slide the battery drawer into the calculator while pressing down lightly on the battery. (See Fig. 3.)

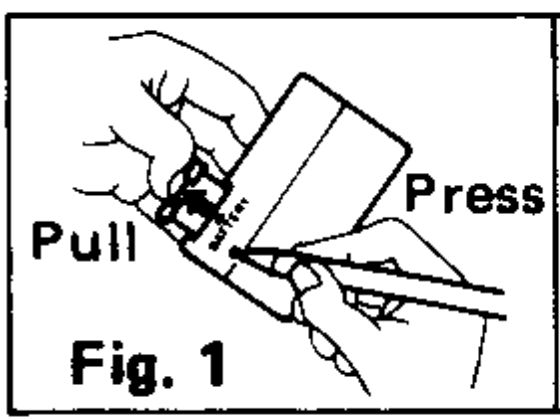


Fig. 1

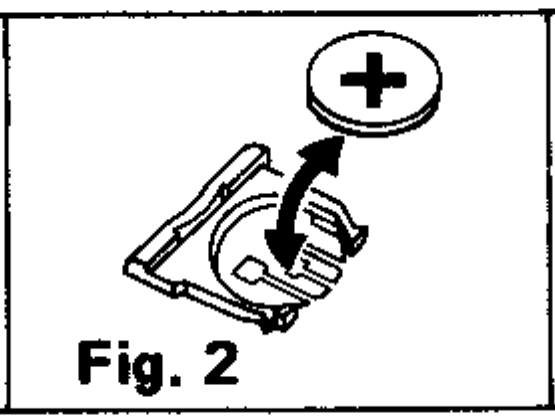


Fig. 2

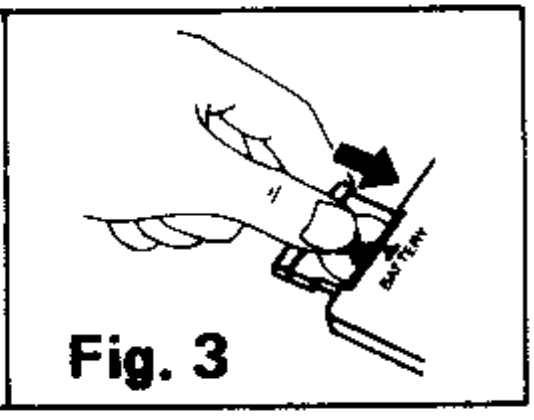


Fig. 3

5 Proceed to the reset operation, refer to the **CLEARING MEMORY (RESET OPERATION)** on page 14.

⟨ EL-6061 ⟩

1 Press OFF to turn off the power.

2 Remove the screw in the battery cover on the back of the calculator and remove the battery cover as shown in Fig. 1.

3 Remove the old battery with a pen or other pointed object. (See Fig. 2.)

4 Insert the new battery with the ⊕ side up. (See Fig. 3.)

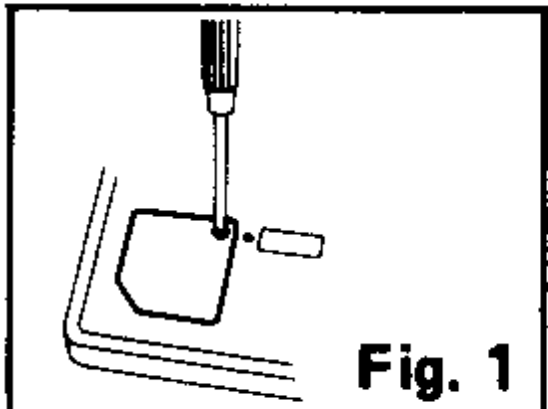


Fig. 1

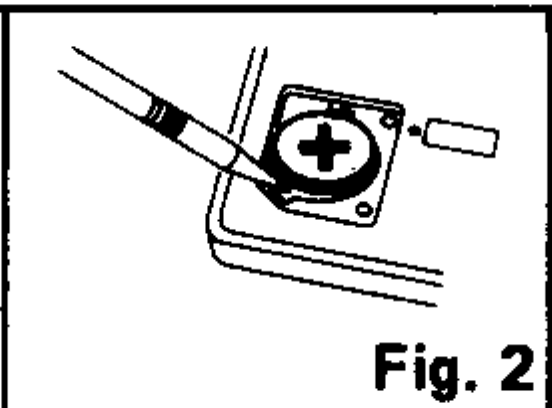


Fig. 2

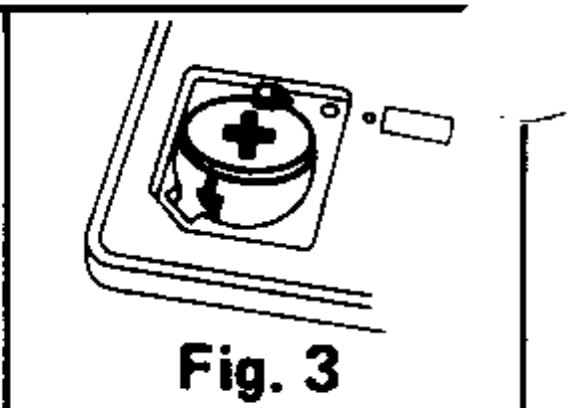


Fig. 3

5 Replace the battery cover and secure it with the screw. (See Fig. 4.)

6 Proceed to the reset operation, refer to the **CLEARING MEMORY (RESET OPERATION)** on page 14.

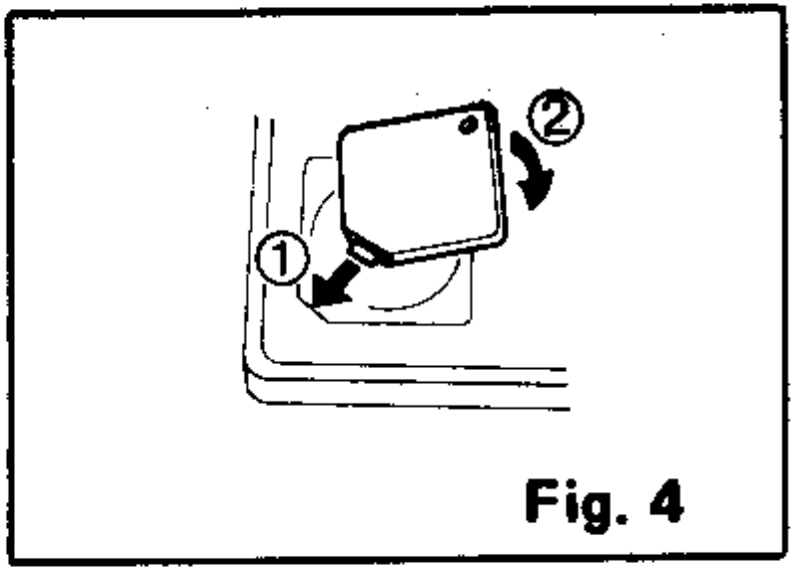


Fig. 4

〈Precautions〉

- Keep battery out of the reach of children.
- If worn battery is left in the calculator, it may leak and damage the calculator.
- Do not throw battery into fire or it may explode.

SPECIFICATIONS

Model	EL-6060/EL-6061
Display	Upper line: 12 columns 1 symbol Lower line: 12 columns 1 symbol
〈Telephone mode〉	name, number entry and recall
〈Schedule mode〉	schedule details, date and time entry and recall
Memory capacity	728 bytes (Refer to page 10 for the number of items that can be stored)
〈Calculator mode〉	
Calculator digits	10
Functions	addition, subtraction, multiplication, division, percent, memory calculation, data memo calculation, etc.

Power supply	3 V ⎓ DC (Lithium battery CR2016; 1)
Power consumption	0.00025W
Operating temperature	0°C ~ 40°C (32°F ~ 104°F)
(EL-6060)	
Battery life	Approx. 1,000 hours (When displayed continuously)
eight	35g (0.08 lb.)
Dimensions	85.5(W) x 54(D) x 3.8(H) mm 3-3/8"(W) x 2-1/8"(D) x 5/32"(H)
Accessories	1 lithium battery (installed), soft case, operation manual, quick guide

(EL-6061)

Battery life	Approx. 1,000 hours (When displayed continuously)
Weight	47g (excluding the wallet) (0.10 lb.)
Dimensions	108(W) x 68(D) x 7.2(H) mm 4-1/4"(W)x2-11/16"(D)x9/32"(H) (excluding the wallet)
Accessories	1 lithium battery (installed), operation manual, quick guide

- 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 calculator. 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.
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PRINTED IN JAPAN
7G29T(TINSE4994CCZZ)