

APPENDIX

Error Messages

This is the list of error messages that may appear on the display, followed by their meanings.

Message	Occasion/Meaning
Battery end!	Displayed when the power is on or during an operation. The batteries are starting to lose their charge. Change the batteries.
Illegal command!	Displayed when printing a stored text. The illegal command is included in the text. Press [MARGIN RELEASE] and resume printing after deleting the illegal command.
Already exists!	Displayed when you try to copy or change the title of a text, line frame or format that already exists.
Non existent!	Displayed when you try to delete, copy or change the title of a text, line frame or format.
Memory full!	Displayed when there is no space left in the memory for storage. Delete unnecessary texts (see page 51).
Top margin!	Displayed when paper returns to the top margin position by pressing [↑] .
Page end!	Displayed when paper reaches the auto page end position. Press [MARGIN RELEASE] to release.
Double text title! Press ☆ to execute or press UNDO to cancel	Text under the same title already exists on the micro floppy disk. Press [☆] to overwrite or press [UNDO] to cancel the operation.
Floppy disk drive not ready!	The micro floppy disk is not inserted (correctly) in the disk drive.
Data error!	The micro floppy disk is not working correctly.
Memory full! Press UNDO key	Displayed when you try to read a text from a micro floppy disk. The text memory is full.
Floppy disk full! Press UNDO key	Displayed when you try to write a text from the text memory. The micro floppy disk is full.
Paper jammed! (AP810 only)	Displayed when using a cut sheet feeder. The paper is jammed in the cut sheet feeder or the cut sheet feeder cassette has run out of paper. Take out the jammed paper and print again, or supply new paper.
Write protected!	The micro floppy disk is write-protected. Remove the disk. Use another initialized disk or move the write-protect tab on the disk (see page 56) and insert again. Then press [☆] to execute.
Ribbon end! (AP810 only)	Displayed when printing. The ribbon cassette is used up.
Printing!	Displayed when attempting to recall text which is being printed during background printing.
Are you sure? Press ☆ to execute or press UNDO to cancel	Displayed when executing block delete. Press [☆] to delete the block or press [UNDO] to cancel the operation. Be careful since you cannot recover the block after pressing [☆] .
↵	Entered text exceeds approx. 30 pages. To continue typing, press [TEXT] , then store the remaining text under a new title.

Specifications*

AP810 (AP160/AP610)

Memory Capacity

Text/Format/Frame Protection 31KB standard, expandable to 63KB
Approximately one year

Display

Capacity 80 characters x 2 lines
Type Liquid crystal display
Tilt 15° – 30°

Micro Floppy Disk Drive (option for AP810)

Type Single-sided double density
Disk 3-1/2 inch micro floppy disk
Capacity 160KB approx. correspondence 75 pages

Specifications subject to change without notice.

* For other specifications, see the "BASIC FUNCTIONS" manual.

FCC Regulations (U.S.A. only)

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type-tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules*, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the computer with respect to the receiver.
- Move the computer away from the receiver.
- Plug the computer into a different outlet so that the computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:
"Interference Handbook".

This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00450-7.

* Use of shielded cable is required to comply with class "B" limits of FCC Rules.
The above statement applies to the 120V product.

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• **Global Search and Replace (P. 29)**

Recall stored text ----- [CODE] and [R] ----- Type search word ----- ☆ ----- Type replace word -----
[CODE] and [LEFT MARGIN]

• **Hyphen Search (P. 49)**

[CODE] and [Y] --- Move cursor--- [CODE] and [-]

• **Insertion (P. 8)**

Move cursor ----- Type ----- [RELOC]

• **Line Frames (P. 45)**

Storing

[FRAME] ----- ☆ ----- Type title ----- ☆ ----- Draw line frame

Activating

[FRAME] ----- ☆ ----- Type title ----- ☆ ----- [PRINT]

Deleting

[CODE] and [FRAME] ----- 1 ----- Type title ----- ☆ ----- ☆
----- [RETURN] ----- [Move cursor ----- [TAB SET]] -----

Changing titles

[CODE] and [FRAME] ----- 2 ----- Type title ----- ☆ ----- Type new title ----- ☆

• **Mail Merge Printing (P. 15)**

Creating form letters

[TEXT] ----- Type title ----- ☆ ----- Type ----- [[CODE] and [G] ----- Type field number ([1] - [2] [0]) -----
☆] ----- Type ----- [TEXT]

Creating mailing lists

[TEXT] ----- Type title ----- ☆ ----- [[Type ----- [1]] ----- [1]] ----- [TEXT]

Executing mail merge

[TEXT] ----- Type title ----- [CODE] and [PRINT] ----- Move cursor (Mail List) ----- Type title ----- [PRINT]

Executing selective mail merge

[TEXT] ----- Type title ----- [CODE] and [PRINT] ----- Move cursor (Mail List) ----- Type title -----
☆ ----- Type field number ([1] - [2] [0]) ----- → ----- Type ----- ↓ ----- Type field number ([1] - [2] [0]) -----
→ ----- Type ----- [PRINT]

• **Manual Page Break (P. 51)**

Setting

Move cursor ----- [CODE] and [V]

Releasing

Move cursor ----- ⊗

• **Merge (P. 26)**

Recall stored text ----- Move cursor ----- [CODE] and [A] ----- 1, 2 or 3 ----- Type title ----- ☆

• **Micro Floppy Disk (P. 57)**

Writing

[CODE] and [W] ----- 1 ----- Move cursor (← or →) ----- ☆

Reading

[CODE] and [W] ----- 2 ----- Move cursor (← or →) ----- ☆

Deleting

[CODE] and [W] ----- 3 ----- Move cursor (← or →) ----- ☆ ----- ☆

Directory

[CODE] and [W] ----- 4 ----- Move cursor (← or →) ----- [PRINT]

Initializing

[CODE] and [W] ----- 5 ----- ☆

• **Multilingual Capability (P. 53)**

Setting message language and keyboard character setting

[CODE] and [N] ----- Move cursor ----- ☆ ----- Move cursor ----- ☆

Returning to original settings

[CODE] and [N] ----- ⊗

• **Multiple Formats (P. 31)**

Setting rulers

Move cursor ----- **FORMAT** ----- Set new format ----- ↓ ----- **RETURN** ----- ☆

Deleting rulers

Display text ----- Move cursor ----- **FORMAT** ----- ☒

Changing rulers

Display text ----- Move cursor ----- **FORMAT** ----- Set new format ----- ↓ ----- **RETURN** ----- ☆

• **Page Format (P. 37)**

Storing

FORMAT ----- 1 ----- Type title ----- ☆ ----- Set items (format ruler) ----- ↓ -----

Set items (format menu) ----- ☆

Activating

FORMAT ----- 1 ----- Type title ----- ☆ ----- ☆

Deleting

CODE and **FORMAT** ----- 1 ----- 1 ----- Type title ----- ☆ ----- ☆
[**RETURN** ----- [Move cursor ----- **TAB SET**] -----]

Changing titles

CODE and **FORMAT** ----- 1 ----- 2 ----- Type title ----- ☆ ----- Type new title ----- ☆

• **Partial Printing (P. 13)**

TEXT ----- Type title ----- ☆ ----- Move cursor ----- ☆ ----- **PRINT**

• **Print Control Menu (P. 11)**

TEXT ----- Type title ----- **CODE** and **PRINT** ----- Move menu cursor ----- **PRINT**

• **Printing Stored Texts (P. 11)**

TEXT ----- Type title ----- **PRINT**

• **Printing Texts with Stop Codes (P. 14)**

TEXT ----- Type title ----- **PRINT** ----- Type ----- **PRINT**

• **Recalling Stored Texts (P. 21)**

TEXT ----- Type title ----- ☆ ----- Move cursor ----- Modify text ----- **PRINT** or **TEXT**

• **Search (P. 27)**

Recall stored text ----- **CODE** and **R** ----- Type search word ----- **RIGHT MARGIN** -----

Modify the word ----- **RIGHT MARGIN**

• **Search and Replace (P. 28)**

Recall stored text ----- **CODE** and **R** ----- Type search word ----- ☆ ----- Type replace word -----

[**RIGHT MARGIN** ----- **LEFT MARGIN**]

• **Soft Hyphenation (P. 49)**

CODE and -

• **Stop Codes (P. 10)**

CODE and **J** ----- Type ----- **CODE** and **J** ----- Type

• **Stop Position Format (P.41)**

Storing

FORMAT ----- 2 ----- Type title ----- ☆ ----- [Move carrier ----- ☆] ----- **FORMAT**

Activating

FORMAT ----- 2 ----- Type title ----- ☆ ----- ☆ ----- [Type ----- ☆] ----- **FORMAT**

Deleting

CODE and **FORMAT** ----- 2 ----- 1 ----- Type title ----- ☆ ----- ☆
[**RETURN** ----- [Move cursor ----- **TAB SET**] -----]

Changing titles

CODE and **FORMAT** ----- 2 ----- 2 ----- Type title ----- ☆ ----- Type new title ----- ☆

• **Stopping/Restarting Printing (P. 14)**

PRINT ----- **PRINT**

• **Storing Texts (P. 9)**

Set page format ----- Set selectors (Operation and AUTO/JUST) ----- **TEXT** ----- Type title -----

☆ ----- Type ----- **TEXT**

• **Title Library (P. 50)**

Displaying

TEXT (or **FRAME** ----- **☆**, **FORMAT** and select menu) ----- **RETURN** ----- Move cursor (**←** or **→**) ----- **☆**

Printing

TEXT ----- **PRINT**

• **Tray Selection (AP810 only) (P. 52)**

Tray A

Move cursor ----- **CODE** and **E**

Tray B

Move cursor ----- **CODE** and **D**