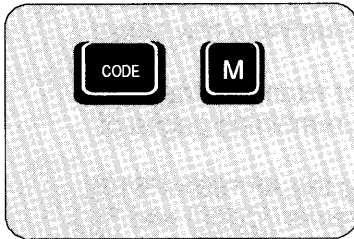


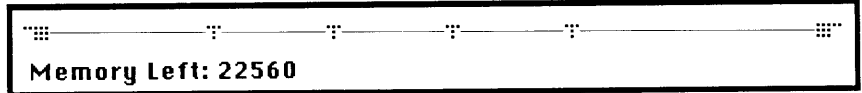
## Displaying the Amount of Remaining Text Memory

This function is used to display the amount of remaining text memory available for storage.



1. Press **CODE** and **M**.

The amount of remaining text memory is displayed in number of characters. The display clears in a few seconds.

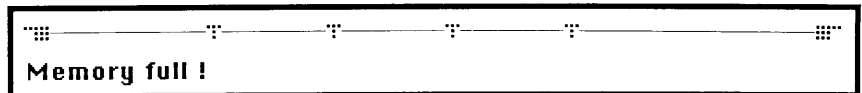


### NOTE

- The actual number of characters (letters, numbers, punctuation, etc.) which can be stored in the text memory is slightly less than the displayed amount since automatic function symbols count as characters when stored in the text memory.
- The remaining memory space can be displayed during text storage.

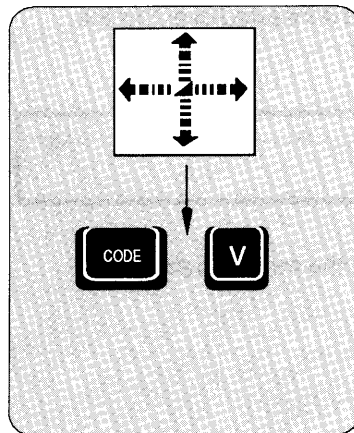
## When the Text Memory is Full

If the memory fills up completely during text storage, the alarm sounds and "Memory full!" is displayed. When this happens, first press **CODE** and **TEXT** then delete unnecessary texts. For line frames, first press **CODE** and **FRAME**. For formats, first press **CODE** and **FORMAT**.



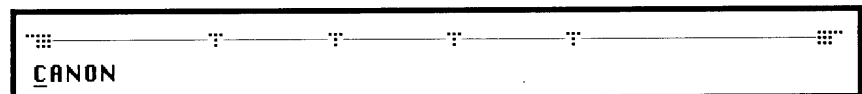
## Manual Page Break

This function allows you to adjust the page length when you edit or store texts. The manual page break command symbol is displayed as a hollow triangle followed by a dotted line (◁-----).



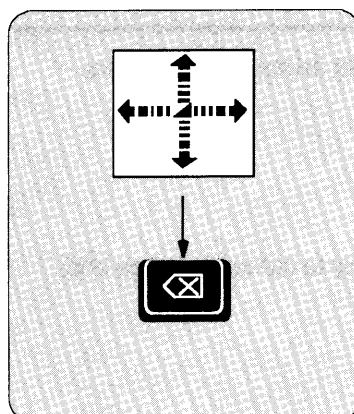
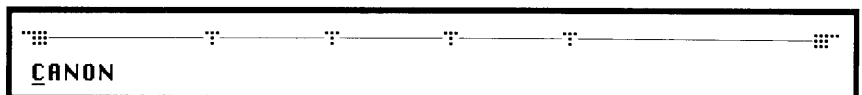
### Setting manual page break

1. Move the cursor to the line which will start a new page.



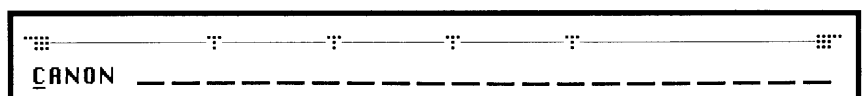
2. Press **CODE** and **V**.

A manual page break command symbol is inserted over the line.  
(◁-----)

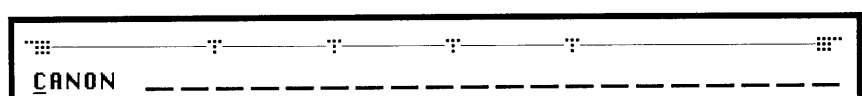


### Releasing manual page break

1. Move the cursor to the first character in the first line of the page.  
(◁-----)



2. Press **☒** to delete the manual page break command symbol.

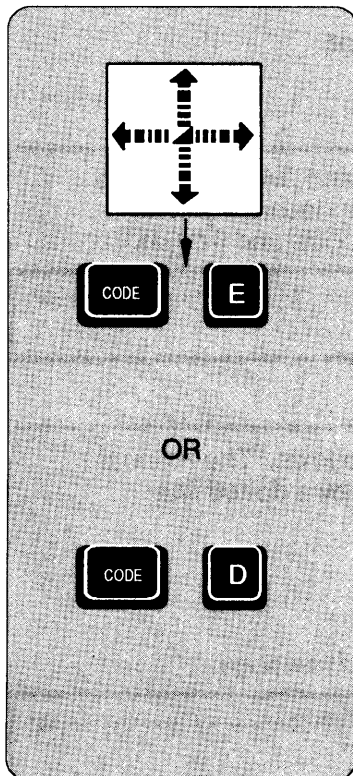


## Tray Selection (AP810 only)

There are two trays on the optional cut sheet feeder (AP40), tray A (top) and tray B (bottom). You can choose to print your texts on paper from either of the trays by inserting a tray select command symbol in your text.

This is particularly useful when printing letters of two or more pages. For example, tray A could contain letterhead on which the first page of a letter is typed. The remaining pages of the letter could then be printed on ordinary stationery from tray B.

When a cut sheet feeder is not installed on the typewriter (or when using the AP160/AP610), the tray select command symbols function the same as manual page breaks (`[CODE]` and `[V]`).



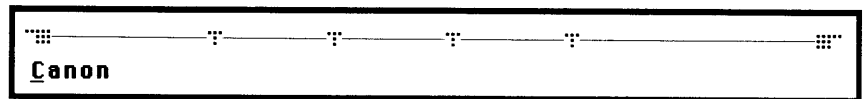
### Typing tray select command symbols

1. Move the cursor to the bottom of the last page of text you want to be printed from the currently specified tray.

2. Press `[CODE]` and `[E]`.

The tray select command symbol for tray A is inserted over the line. Paper will be fed from tray A when printing.

( `[CODE]` ----- )

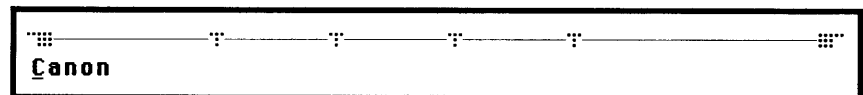


or

Press `[CODE]` and `[D]`.

The tray select command symbol for tray B is inserted over the line. Paper will be fed from tray B when printing.

( `[CODE]` ----- )

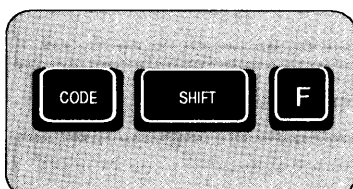


#### NOTE

- Tray select command symbols typed in the text have priority over the manual setting on the cut sheet feeder.

## Canceling Page End Settings (AP810 only)

This function allows you to cancel page end settings in the original format immediately before printing texts when using a tractor feeder.



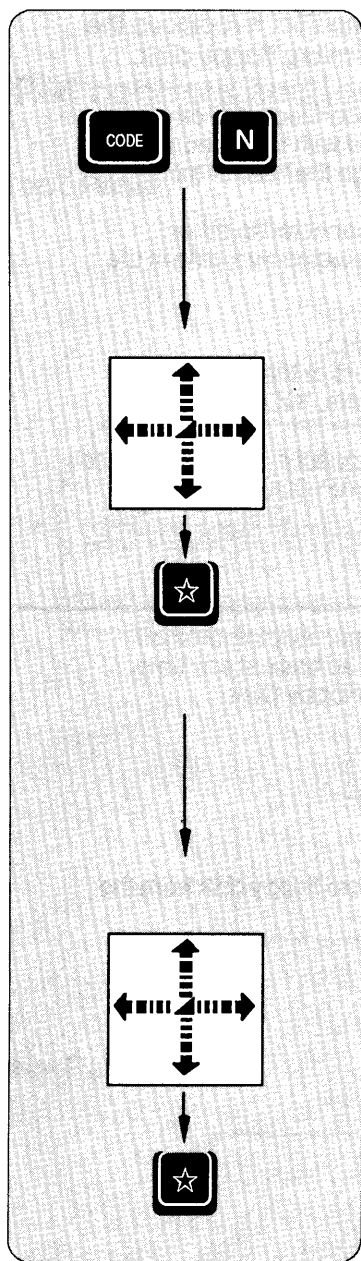
1. Press `[CODE]`, `[SHIFT]` and `[F]` simultaneously to cancel the page end setting.

The message "Press PRINT" is displayed.

# Multilingual Capability

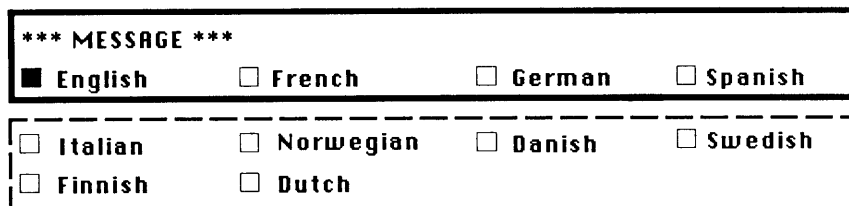
You can select different message languages and keyboard character settings from the menu on the display.

For keyboard characters of each country, see page 37 in the Basic Functions manual.



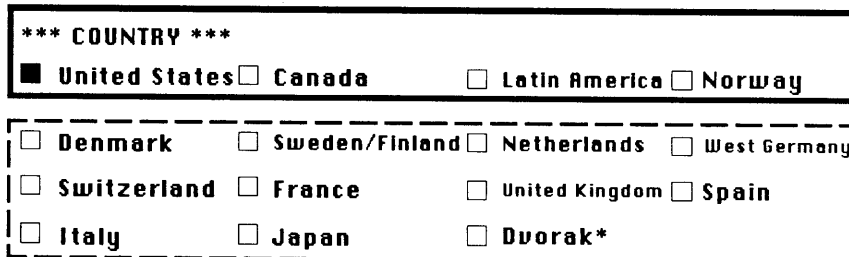
## Selecting the message language and keyboard character setting

1. Press **CODE** and **N**.  
The following menu is displayed.



2. Move the cursor to the desired language by pressing **←**, **→**, **↑** or **↓**.

3. Press **☆**.  
The message language is selected and the following menu is displayed.

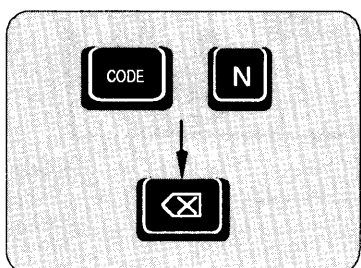


(\*U.S.A. only)

4. Move the cursor to select the keyboard character setting by pressing **←**, **→**, **↑** or **↓**.
5. Press **☆**.  
The keyboard is set for the specified country.

### NOTE

- These settings are retained even when the power is turned off.



## Returning to the original factory settings

1. Press **CODE** and **N**.
2. Press **☆**.  
The message and keyboard return to the original factory settings.

# PART 11 USING MICRO FLOPPY DISKS (OPTION)

The contents of the text memory can be stored onto a micro floppy disk with the disk drive. When you recall a text, the original is left on the micro floppy disk, and a copy is read into the text memory.

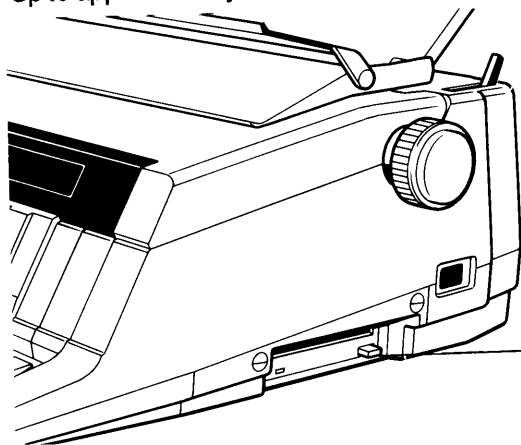
After correcting or modifying the text, you can store it onto the micro floppy disk under the same title or you can change the title. If you store the text under the same title, it replaces the original on the micro floppy disk. Otherwise, the original remains on the micro floppy disk.

## NOTE

- Text which has been stored on micro floppy disks with the AP86 connected to other Canon typewriters or with the VP-DD01 can be recalled and used with the Canon AP-DD03 or vice versa. When using the directory function, though the titles of the stored text can not be displayed. They can only be printed out.
- When reading text stored on micro floppy disks with the AP86 connected to other Canon typewriters or with the VP-DD01, the files and titles are selected by typing in the following way:  
/File name/title  
(The slash marks must be typed along with the file and title names.)
- When using either the AP86 connected to other Canon typewriters or the VP-DD01 with disks written by the AP160/AP610 or AP800 series typewriters, "NONAC" is automatically assigned as the file name.
- If you already have the AP86 Micro Floppy Disk Unit, you can connect it to this typewriter through the AP-IF03 Interface. It is used in the same way as the AP-DD03.

## AP-DD03 Micro Floppy Disk Unit (AP810 only)

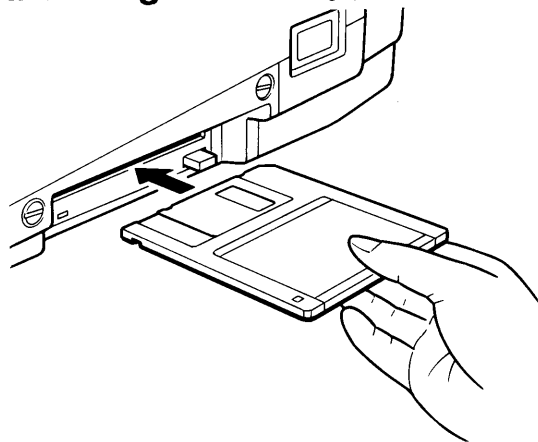
The AP-DD03 Micro Floppy Disk Drive Unit is a built-in memory expansion device. Any information stored in the text memory can be written onto an AP81 Micro Floppy Disk and read back at any time. Up to approximately 75 letter-size pages can be stored on a single AP81 Micro Floppy Disk.



### Release button:

Used to remove the micro floppy disk from the AP-DD03.

## Inserting micro floppy disks



Grasp the AP81 micro floppy disk with the write-protect notch to the left and toward you. Insert it slowly into the drive slot in the direction of the arrow until a click is heard.

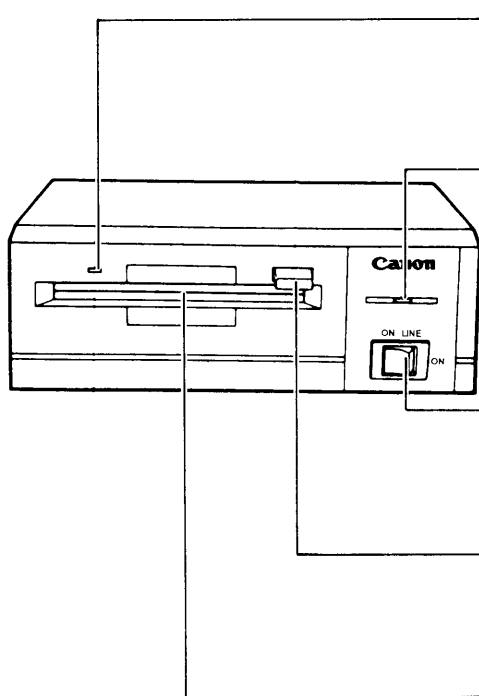
# AP86 Micro Floppy Disk Unit

The AP86 Micro Floppy Disk Unit is a memory expansion device which can be connected to your typewriter via the AP-IF03 Interface Unit.

Any information stored in the text memory can be written onto an AP81 Micro Floppy Disk and read back at any time. Up to approximately 75 letter-size pages can be stored on a single AP81 Micro Floppy Disk.

## AP86 controls and indicators

### Front Panel



**Access lamp:**

Lights while the AP86 is being accessed. Do not remove the micro floppy disk while this lamp is on.

**Ready/Error lamp:**

Lights when the Power switch on the rear panel is turned on. If this lamp changes from green to red, it indicates that an error has occurred and that the AP86 will not work. To resume operation, turn the Power switch off and then on again.

**On-line/Off-line switch:**

This switch should always be set to Off-line since the AP86 permits data transfer even in the Off-line setting.

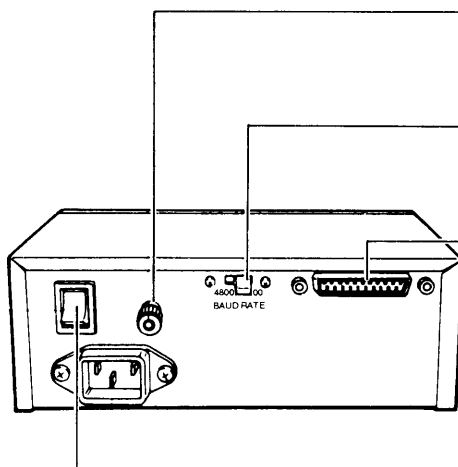
**Release button:**

Used to remove the micro floppy disk from the AP86.

**Slot:**

The micro floppy disk is inserted in this slot.

### Rear Panel



**Ground:**

Connect this to the ground wire of the signal cable.

**Baud rate switch:**

Used to set the baud rate. The baud rate must be set to 9600.

**Connector:**

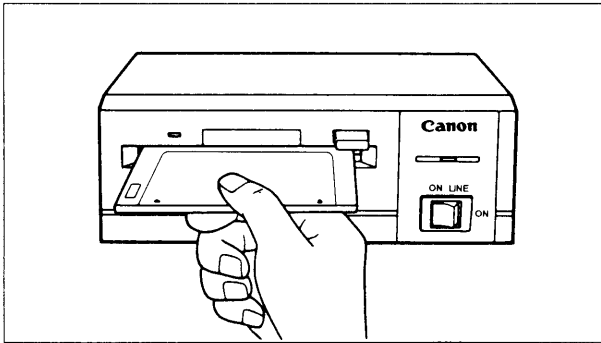
For the AP-IF03 signal cable.

**Power switch:**

Turning this switch on lights the green Ready/Error lamp on the front panel.

## Removing the shipping inserts

The AP86 is shipped with cardboard inserts in its drive to avoid any damage to the read/write heads during transportation. Before using the AP86, remove these inserts from the drive.

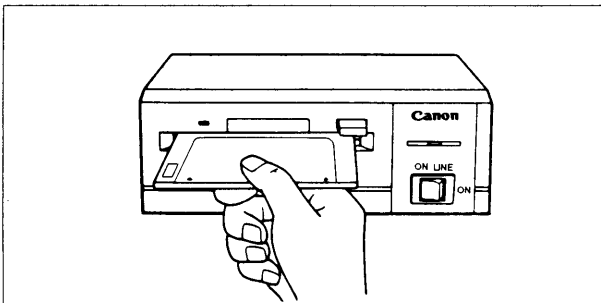


Push the release button, and the shipping insert will pop out of the drive. Remove the insert by slowly pulling it straight toward you.

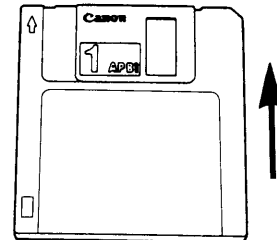
### IMPORTANT :

- Never remove the micro floppy disk from the drive while the drive access lamp is on.
- When turning the system on, turn on the electronic typewriter first, then turn on the AP86. When shutting off the power, turn off the AP86 before turning off the electronic typewriter.
- To avoid overheating and possible damage, never put objects on top of the AP86. (Overheating is also likely to cause read/write errors.)

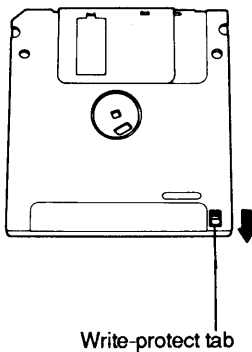
## Inserting micro floppy disks



Grasp the AP81 micro floppy disk with the write-protect notch to the left and toward you. Insert it slowly into the drive slot in the direction of the arrow until a click is heard.



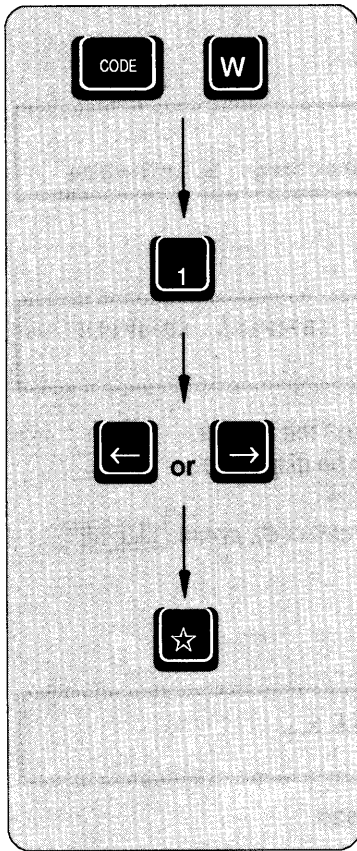
## Write protection



Micro floppy disks are furnished with a write-protect tab, which is used to protect the disks from accidental erasure of recorded data. A micro floppy disk is write-protected and cannot be overwritten (read only) if its write-protect tab is slid in the direction of the arrow as shown in the figure. The micro floppy is made writeable by sliding the tab in the opposite direction.

# Writing to Micro Floppy Disks

This function allows you to write the texts of the text memory onto a micro floppy disk. You can write all texts (including page formats, stop position formats and line frames) stored in the text memory onto a micro floppy disk.



1. Press **CODE** and **W**.  
The following menu is displayed.

```
*** FLOPPY DISK DRIVE ***
 1. Write  2. Read  3. Delete  4. Directory  5. Initialize
```

2. Press **1**.  
Titles are displayed.

```
Title: SAMPLE1 /SAMPLE1  SAMPLE2  SAMPLE3  SAMPLE4  →
```

3. Press **←** or **→** to move the cursor through the title list.
  - "→" indicates that there are more titles to be displayed. If you want to see the other titles, press **→**.
  - To write two or more texts (up to a maximum of 6), press **TAB SET** after selecting each title.

4. Press **☆**.  
The title(s) to be written is underlined.

```
SAMPLE 1   SAMPLE 3   SAMPLE 4
Please wait...
```

The underline disappears after the text is written.

- NOTE**
- When you select a title which already exists on the micro floppy disk, the underline does not disappear.

```
SAMPLE1  SAMPLE5  SAMPLE7
Double text title! Press ☆ to execute or press UNDO to cancel
```

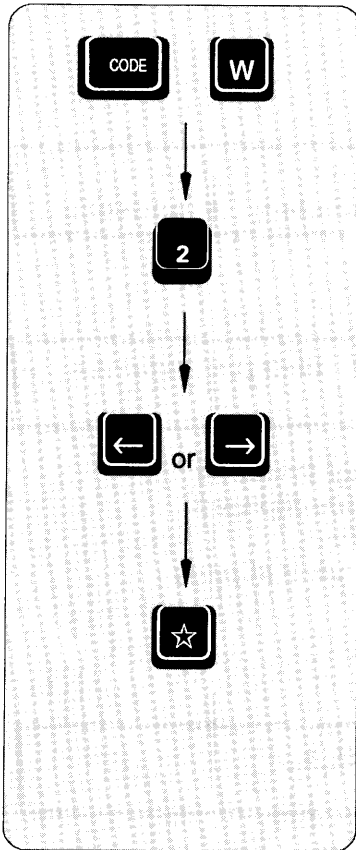
- Press **☆** to overwrite or press **UNDO** to cancel the operation.
- The original text remains in the text memory.
- If your typewriter is the AP160/AP610, press and hold both right and left **CODE** keys and the space bar to cancel the operation.
- When the micro floppy disk is full, the following message is displayed.

```
SAMPLE1  SAMPLE5  SAMPLE7
Floppy disk full! Press UNDO key
```

Press **UNDO** and delete unnecessary texts (see page 59).

# Reading from Micro Floppy Disks

This function allows you to read the texts from the micro floppy disk into the text memory. These texts can either replace or add to the contents of the text memory.



1. Press **CODE** and **W**.  
The following menu is displayed.

```
*** FLOPPY DISK DRIVE ***
  1. Write  2. Read  3. Delete  4. Directory  5. Initialize
```

2. Press **2**.  
Titles are displayed.

```
Title: SAMPLE1  /SAMPLE1  SAMPLE2  SAMPLE3  SAMPLE4  →
```

3. Press **←** or **→** to move the cursor through the title list.
  - "→" indicates that there are more titles to be displayed. If you want to see the other titles, press **→**.
  - To read two or more texts (up to a maximum of 6), press **TAB SET** after selecting each title.

4. Press **☆**.  
The title(s) to be read is underlined.

```
SAMPLE 1    SAMPLE 3    SAMPLE 4
Please wait...
```

The underline disappears after the text is read.

**NOTE**

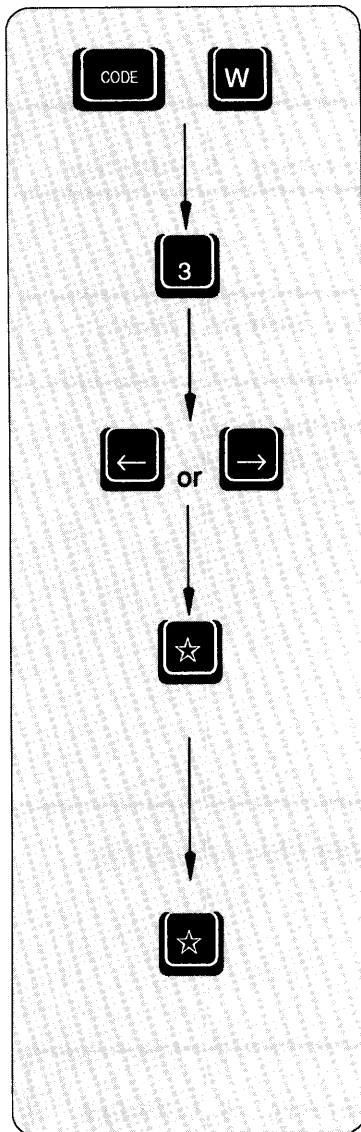
- When you select a title which already exists in the text memory, the underline does not disappear.

```
SAMPLE1  SAMPLE5  SAMPLE7
Double text title! Press ☆ to execute or press UNDO to cancel
```

- Press **☆** to overread or press **UNDO** to cancel the operation.
- The original text remains on the micro floppy disk.
- If your typewriter is the AP160/AP610, press and hold both right and left **CODE** keys and the space bar to cancel the operation.

# Deleting Texts from Micro Floppy Disks

This function allows you to delete texts from a micro floppy disk.



1. Press **CODE** and **W**.  
The following menu is displayed.

**\*\*\* FLOPPY DISK DRIVE \*\*\***

**1. Write 2. Read 3. Delete 4. Directory 5. Initialize**

2. Press **3**.  
Titles are displayed.

**Title: SAMPLE1 /SAMPLE1 SAMPLE2 SAMPLE3 SAMPLE4 →**

3. Press **←** or **→** to move the cursor through the title list.
  - "→" indicates that there are more titles to be displayed. If you want to see the other titles, press **→**.
  - To delete two or more texts (up to a maximum of 6), press **TAB SET** after selecting each title.

4. Press **☆**.  
The following message is displayed.

**Are you sure? Press ☆ to delete or press UNDO to cancel**

- If your typewriter is the AP160/AP610, press and hold both right and left **CODE** keys and the space bar to cancel the operation.

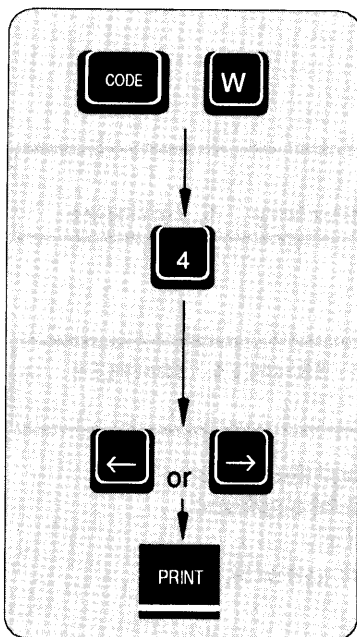
5. Press **☆**.  
The following message is displayed.

**SAMPLE 1      SAMPLE 3      SAMPLE 4**  
**Please wait...**

The underline disappears after the text is deleted.

# Directory

This function allows you to display or print the titles of all texts stored on a micro floppy disk.



1. Press **CODE** and **W**.  
The following menu is displayed.

```
*** FLOPPY DISK DRIVE ***  
1. Write 2. Read 3. Delete 4. Directory 5. Initialize
```

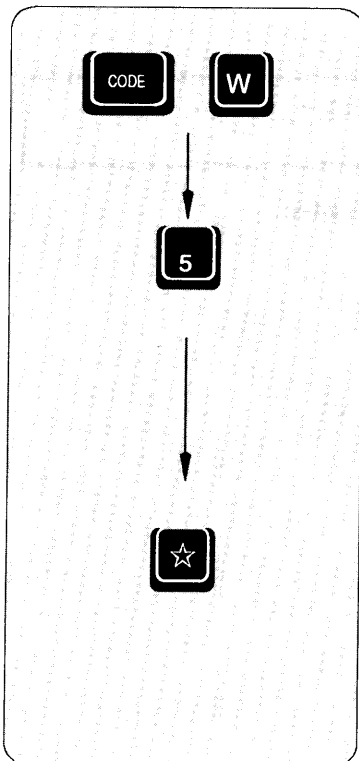
2. Press **4**.  
Titles are displayed.

```
SAMPLE1 SAMPLE10 SAMPLE12 SAMPLE15 SAMPLE5 SAMPLE7 →
```

3. Press **←** or **→** to move the cursor through the title list.  
• "→" indicates that there are more titles to be displayed.  
If you want to see the other titles, press **→**.
4. Press **PRINT** to print the titles.

# Initializing Micro Floppy Disks

This function allows you to erase all existing information on the micro floppy disk, making the entire memory space available for new storage.



1. Press **CODE** and **W**.  
The following menu is displayed.

```
*** FLOPPY DISK DRIVE ***  
1. Write 2. Read 3. Delete 4. Directory 5. Initialize
```

2. Press **5**.  
The following message is displayed.

```
Are you sure? Press ☆ to initialize or press UNDO to cancel
```

• If your typewriter is the AP160/AP610, press and hold both right and left **CODE** keys and the space bar to cancel the operation.

3. Press **☆**.  
The microfloppy disk is initialized and the following message is displayed.

```
Please wait...
```