Panasonic

Electronic Typewriter

MODEL NO. **RK-T55**

O P E R A T I N G

I N S T R U C T I O N S

Read these instructions completely before operating this set.

PRINTOUT SAMPLES

The various functions shown below are provided with this unit. For details, refer to the relevant pages in this book.

▶ …Reference page

Left Margin 19 ——————————————————————— **Right Margin** 19

Right Margin Flush 30 ⎰ Al U. Caneet, Director
⎱ Market Research Division

To: All Account Executives

Re: Takeover Projections ⎱ **Centering** 29

Tab 19

As mentioned at last week's meeting, this company is

Justify Printing considering a secret takeover of **Frankfurt Nutrition College**

Bold Printing 27

for research on <u>taste preferences</u> among college age consumers.

Underlined Printing 27

Discrete investigation of the school has allowed us to make

the following tentative projections:

COURIER 10
10 Pitch 25

Paragraph Indent 32 **Decimal Tab** 31

Cost of takeover: 20,854,000.00

Yearly operating expenses: 2,210,000.00

Yearly tuition income: 1,235,900.00

Fast food income: 612,000.00

Confidential research income: 19,300,000.00

SCRIPT 1012
(Optional)
12 Pitch 25

Based on the above figures, we hope to realize considerable profits within the
first two years, even without donations, the traditional source of the college's
supplemental income.

GOTHIC 15
(Optional)
15 Pitch 25

Your views on this matter are welcome. The next takeover strategy meeting will be
held on Wednesday, April 23.

ROMAN PS
(Optional)
PS Pitch 25

2

Thank you for your purchase of the Panasonic RK-T55 Electronic Typewriter.

The Operating Instructions for the RK-T55 are composed of the following six chapters.

Chapter 1 BEFORE USING

Chapter 2 BASIC OPERATIONS

Chapter 3 TEXT MEMORY

Chapter 4 SPELL VERIFY

Chapter 5 PRINTER

Chapter 6 APPENDIX

Cushion Removal

Before using the typewriter, first open the Dust Cover and remove the Cushion and the Sheet. Next, open the Top Cover, push the Packing Stopper in the direction of the arrow and remove it, then remove the Cushions.

Packing Stopper
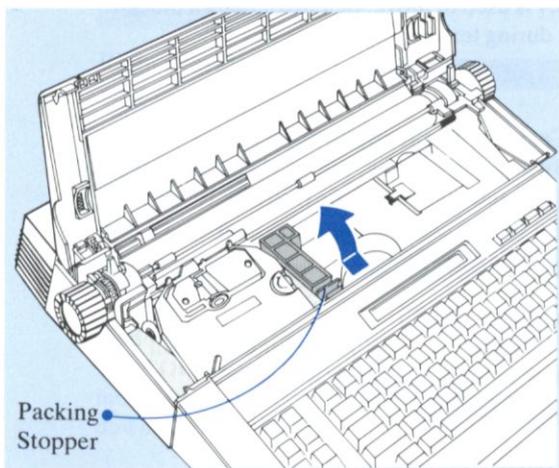
The serial number of this product may be found on the label at the right side of the bottom when the Top Cover is opened. Write down the serial number of this unit in the space provided and retain this book as a permanent record of your purchase to aid in identification in the event of theft.

MODEL NUMBER: **RK-T55**

BEFORE USING

BASIC OPERATIONS

TEXT MEMORY

SPELL VERIFY

PRINTER

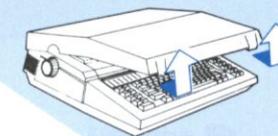APPENDIX

NAMES AND OPERATION
1-1 OF THE PARTS
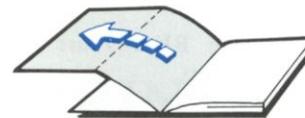
• It's a good idea to keep these Operating Instructions open at this page when using the unit.

a. Names and Operation of the Function Keys

Dust Cover
To use the unit first remove the Dust Cover, as shown in the figure.

Mode Key (MODE)
By pressing this key, the operation mode will change. "TPWR", "L/L", and "JUST" can be selected.
Refer to page 23.

Pitch Key (PITCH)
By pressing this key, the pitch will change. "10", "12", "15", and "PS" can be selected.
Refer to page 25.

Line Spacing Key (LINE SPACE)
By pressing this key, the line spacing will change. "1", "1½", and "2" can be selected.
Refer to page 25.

Left Margin Set Key (L MAR)
Refer to page 19.

Right Margin Set Key (R MAR)
Refer to page 19.

Tab Set Key (TAB SET)
Refer to page 19.

Tab Clear Key (TAB CLR)
Refer to page 20.

Code Key (CODE)
The **CODE** Key is used in combination with other keys to modify their functions. Make sure the **CODE** Key is held down when pressing the other key.

Keyboard Key (KB)
By pressing this key, the keyboard will change. "KBI" and "KBII" can be selected.
Refer to page 26.

Shift Lock Key and Shift Indicator (LOCK)
Press this key for continuous typing of capital letters or the symbols shown at the upper part of the keys. Press the **SHIFT** Key to cancel the shift lock.
●Shift Indicator
This indicator lights in the shifted condition.

Shift Key (SHIFT)
When a character key is pressed while this key is being pressed, the capital letter or the symbol shown on the top part of the key will be printed.

Margin Release Key (MAR REL)
The left or right margin is released temporarily. *Refer to page 20.*

Tab Key (TAB)
The Carriage moves to the next tab position. *Refer to page 20.*

Delete Key (⊗)
This key is used to delete printed characters or characters on the LCD Display.
Refer to pages 21 and 22.

Back Space Key [BACK SPACE (▲)]
The Carriage or the cursor on the LCD Display will move one character to the left.

●**Space Bar**
The Carriage moves by one space to the right.

●**Micro Spacing Key (MICRO SPACE)**
By pressing this key, the Carriage will move to the right by one micro pitch (⅟₆₀ inch).

●**Repeat Key (REPEAT)**
The operation of the key pressed immediately before this key will be repeated. *Refer to page 26.*

●**Quick Erase Key (QUICK ERASE)**
This key is used to automatically erase one word at a time.

Relocation Key and Express Back Space Key (RELOC • EXPRESS)
This key is used to move the Carriage to the position after the last printed character on the current line.
If the **RELOC • EXPRESS** Key is pressed while pressing the **CODE** Key, the Carriage will move to the left margin without a line feed.

Forward Key [FWD (▼)]
The cursor on the LCD Display will move one character to the right. When the unit is in the Typewriter (TPWR) Mode, the Carriage will move one space to the right.

●**Print ON/OFF Key (PRINT ON/OFF)**
This key is used to start or stop the printout of the text stored in the Text Memory.
Refer to pages 34 to 56.

●**Text IN/OUT Key (TEXT IN/OUT)**
This key is used for entering into the Text Memory Mode or for exiting from the Text Memory Mode.
Refer to pages 34 to 56.

●**Copy Key (COPY)**
This key is used to copy text to a new file.
Refer to pages 39 to 56.

●**Block Key (BLOCK)**
This key is used to move, delete, or copy a block of text during text editing.
Refer to pages 39 and 40.

●**Carriage Return Key (AUTO)**
By pressing this key, the "AUTO" Indicator will light, and the Automatic Carriage Return Mode will be set.
Refer to page 27.

●**External Key (EXT)**
By pressing this key, the "EXT" Indicator will light, and the External Mode will be set.
Refer to page 28.

●**Index Key (INDEX)**
Moves the paper forward one half line.

●**Underlined Key (xxx)**
By pressing this key, the "xxx" Indicator will light, and the Underlined Printing Mode will be set.

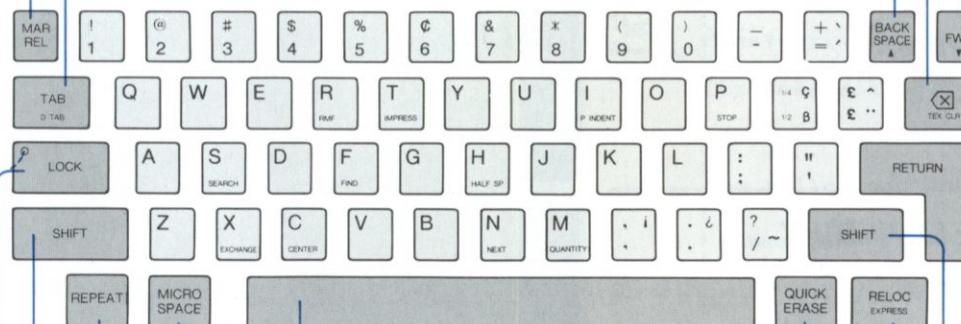●**Reverse Index Key (REV INDEX)**
Moves the paper backward one half line.

●**Bold Key (BOLD)**
By pressing this key, the "BOLD" Indicator will light, and the Bold Printing Mode will be set.

●**Return Key (RETURN)**
The Carriage moves to the left margin or paragraph indent position of the next line.

●**Shift Key (SHIFT)**

b. Names and Operation of the Main Parts

Platen Knob (left)
Either one of the knobs can be used to feed the paper up and down manually. By pressing the left Platen Knob inward you can rotate the Platen in small increments.

Top Cover
This cover must be opened to replace the Ribbon Cassette or the Correction Tape.

Carriage
The Ribbon Cassettes, the Correction Tape and the Cupwheel Printing Element are installed on the Carriage.
This mechanism moves to the left and right for printing, erasing, etc.

Function Indicators
●Operation Mode Indicators [MODE (TPWR•L/L•JUST)]
●Pitch Indicators [PITCH (10•12•15•PS)]
●Line Spacing Indicators [LINE SP (1•1½•2)]
●Keyboard Indicators [KB (KBI•KBII)]
●Printing Mode Indicators [xxx•BOLD]
●Carriage Return Mode Indicator [AUTO]
●External Mode Indicator [EXT]

Refer to pages 23 to 28.

Detent Lever
This lever is used to release the detent. When the detent is released, the Platen can be rotated freely. During normal typing, this lever should be in the detent position towards the rear of the machine.

Paper Guide
Refer to page 15.

Paper Bail and Rollers
These are used to hold the paper down. Set the rollers according to the width of the paper being used.

Pitch Scale
Scales for the three pitches of 10, 12 and 15 are shown. Use these scales for margin and tab setting.

Paper Support

Platen Knob (right)

Paper Bail Lever
By pulling back this lever, the Paper Bail will move away from the Platen. This allows the paper to be easily inserted and positioned for typing. By pulling it back further, the paper will be automatically inserted.

Paper Release Lever
This lever is used to release the paper. Pull this lever towards you to adjust the paper position, and then move it back to lock the paper.
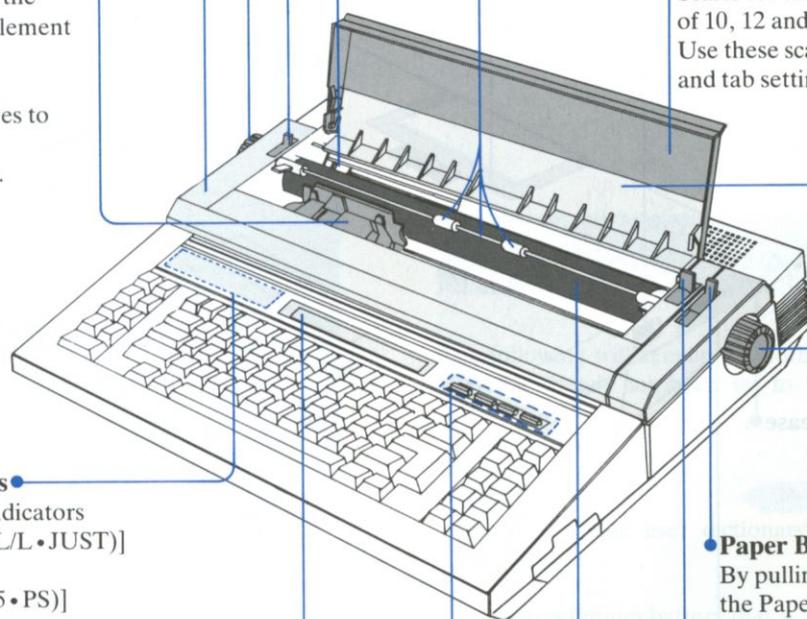
Platen

Spell Verify Function Keys and Spell Verify Indicator (SPELL VERIFY)
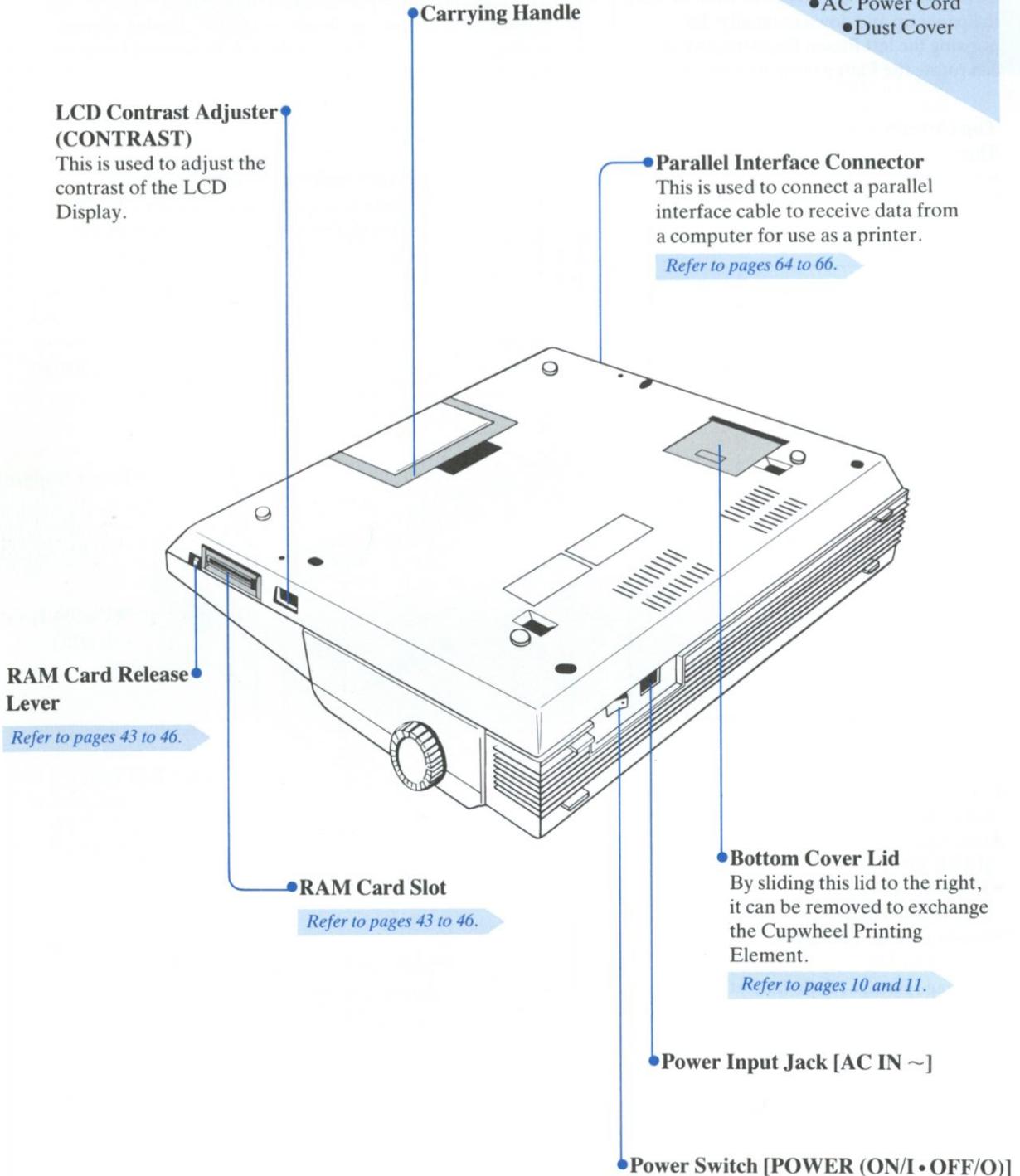Refer to pages 57 to 62.

LCD Display

NAMES AND OPERATION
OF THE PARTS

Accessories (included)
- Cupwheel Printing Element
- Correctable Film Ribbon Cassette (RP-T132)
- Lift-off Correction Tape (RP-T131)
- AC Power Cord
- Dust Cover

Carrying Handle

LCD Contrast Adjuster (CONTRAST)
This is used to adjust the contrast of the LCD Display.

Parallel Interface Connector
This is used to connect a parallel interface cable to receive data from a computer for use as a printer.
Refer to pages 64 to 66.

RAM Card Release Lever
Refer to pages 43 to 46.

RAM Card Slot
Refer to pages 43 to 46.

Bottom Cover Lid
By sliding this lid to the right, it can be removed to exchange the Cupwheel Printing Element.
Refer to pages 10 and 11.

Power Input Jack [AC IN ~]

Power Switch [POWER (ON/I • OFF/O)]

8

a. *Using Household AC Power*

Connect the AC Power Cord to the Power Input Jack in the unit and household AC Socket.

Power Input Jack

AC Power Cord

AC Socket
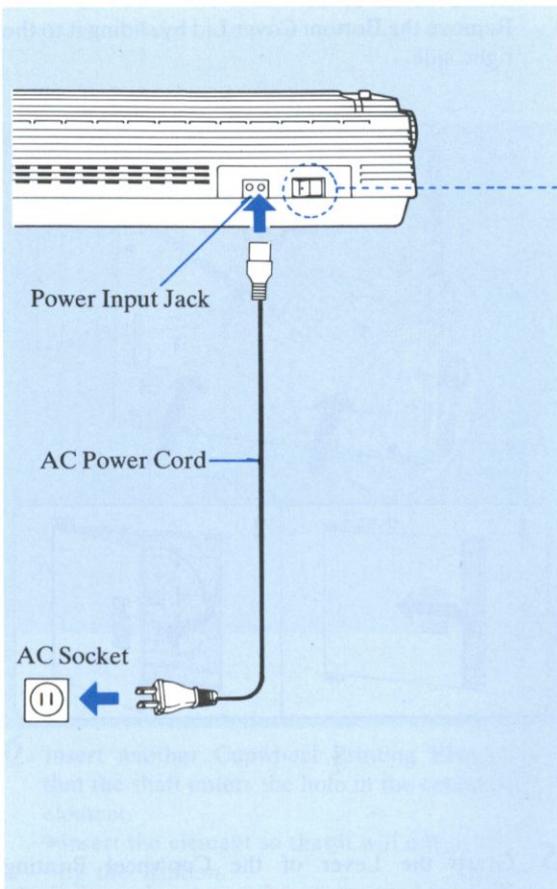
b. *Power Switch*

When the **POWER** Switch is set to "ON", the carriage moves to the left margin which was last set and the unit is ready for typing.
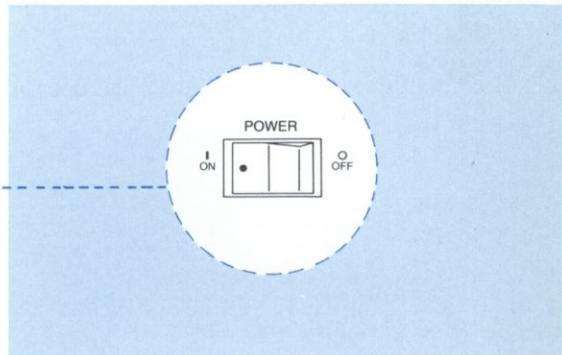
c. *Memory Back-up Function*

The following will remain memorized even after the **POWER** Switch has been set to "OFF":

- Stored Text
- Margins
- Tabs
- Contents of the user dictionary for Spell Verify Functions

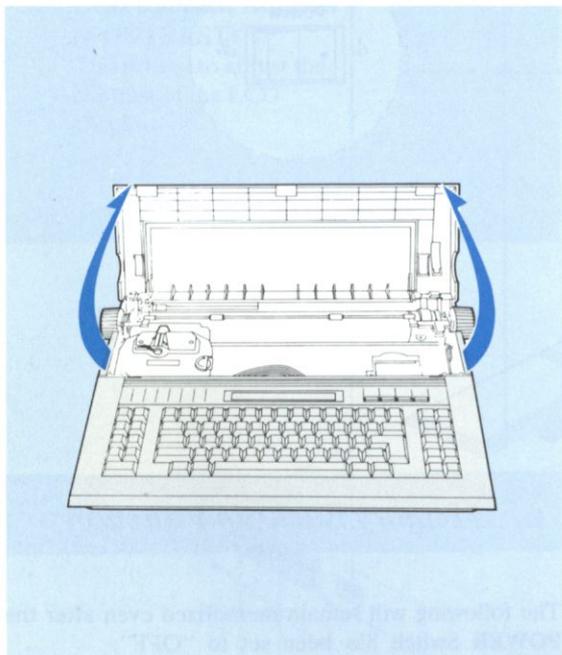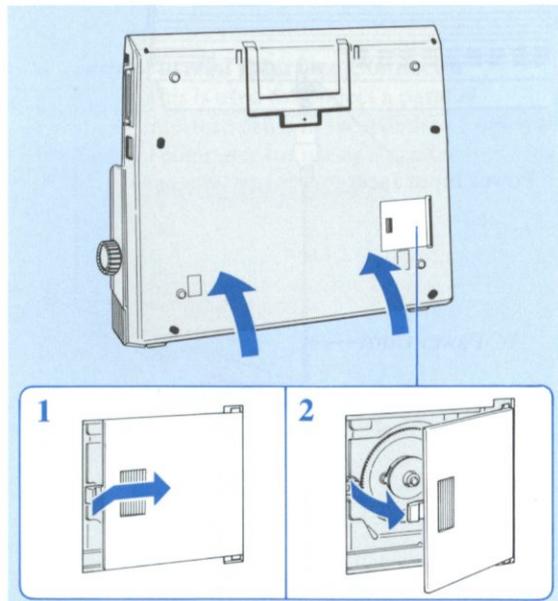The built-in lithium battery that is used to store these functions can be used for about 15 years.

1 Set the **POWER** Switch to the "OFF" position. Remove the AC Power Cord from the Power Input Jack.

2 Hold both sides of the Top Cover and open it.

3 Using your hand, gently move the Carriage to the right side.

4 Close the Top Cover again and place the Typewriter on its back.
Remove the Bottom Cover Lid by sliding it to the right side.
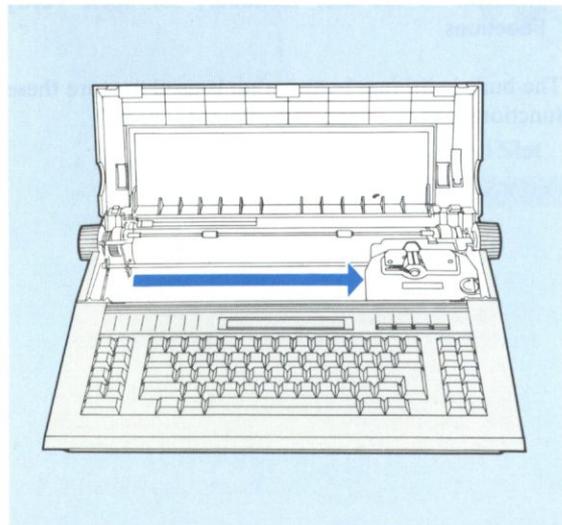
5 Grasp the Lever of the Cupwheel Printing Element between your fingers to release the lock. Then pull it directly out as shown in the figure.

Cupwheel
Printing Element
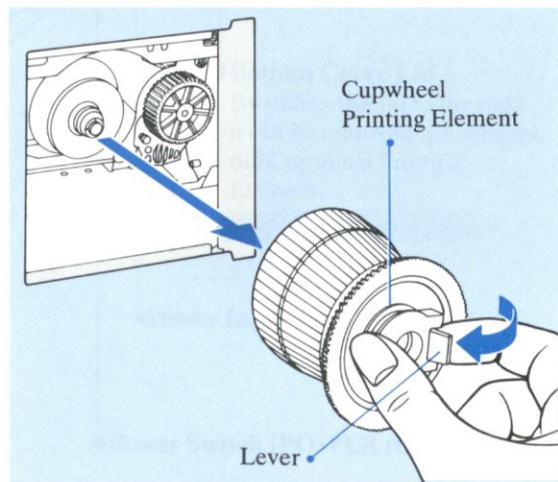
Lever

●If a Cupwheel Printing Element without the Lever is used, grasp its Knob and pull it directly out.

Cupwheel Printing Element

Knob
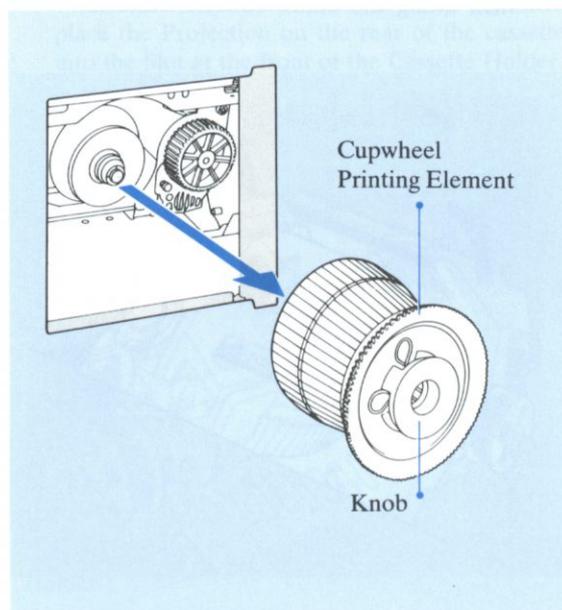
6 Insert another Cupwheel Printing Element so that the shaft enters the hole in the center of the element.
  ●Insert the element so that it will not get caught by the Ribbon.

Shaft
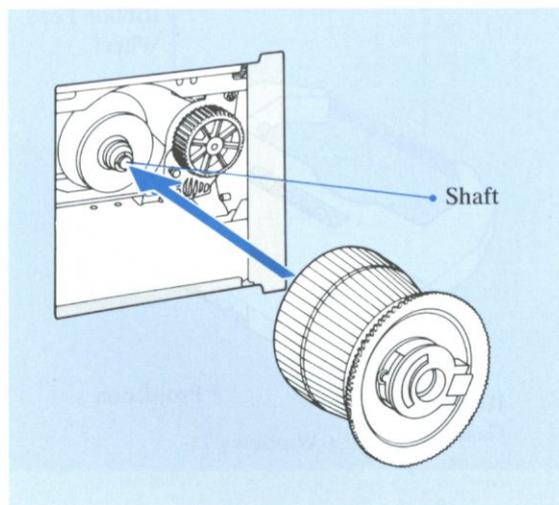
7 Confirm that the gear is engaged and then push in until a clicking sound is heard.

Gear
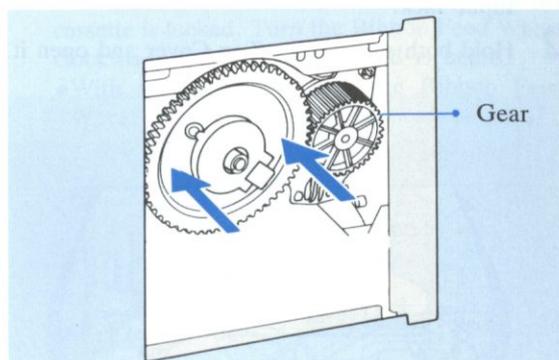
8 Hold the Knob of the Cupwheel Printing Element and turn it slightly to check that it rotates freely.

Knob
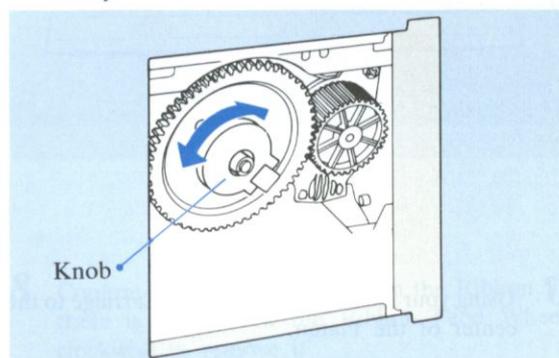
9 Slide the Bottom Cover Lid to its closed position.

10 Before setting the **POWER** Switch to "ON", confirm that the Cupwheel Printing Element has not been caught by the Ribbon.
If the Element has been caught, remove the Ribbon Cassette and install it again.

●Set the Pitch in accordance with the type of Cupwheel Printing Element.

If the power is switched on while the Cupwheel Printing Element is incorrectly installed, the buzzer will sound.
In this case, set the **POWER** Switch to "OFF" and install the Cupwheel Printing Element correctly.

REPLACING THE RIBBON
1-4 CASSETTE

1 Set the **POWER** Switch to the "OFF" position, and remove the AC Power Cord from the Power Input Jack.

*2* Hold both sides of the Top Cover and open it.

3 Using your hand, gently move the Carriage to the center of the Platen.
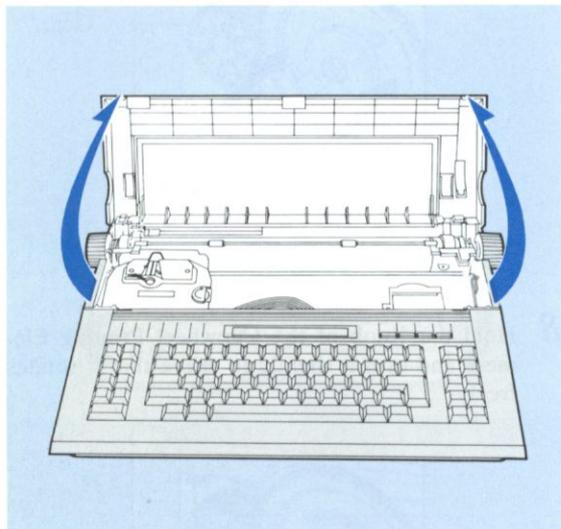
4 Hold the old Ribbon Cassette with both hands and remove it by first raising the front end and then lifting the entire Ribbon Cassette.
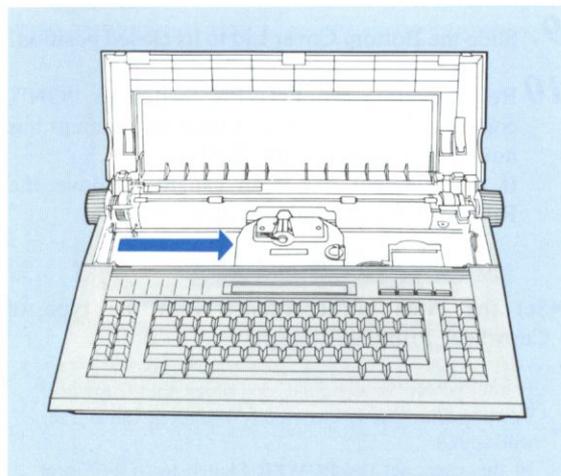
5 Turn the Ribbon Feed Wheel (on the new Ribbon Cassette) clockwise to tighten the Ribbon.

Ribbon

Ribbon Feed Wheel

Ribbon Cassette
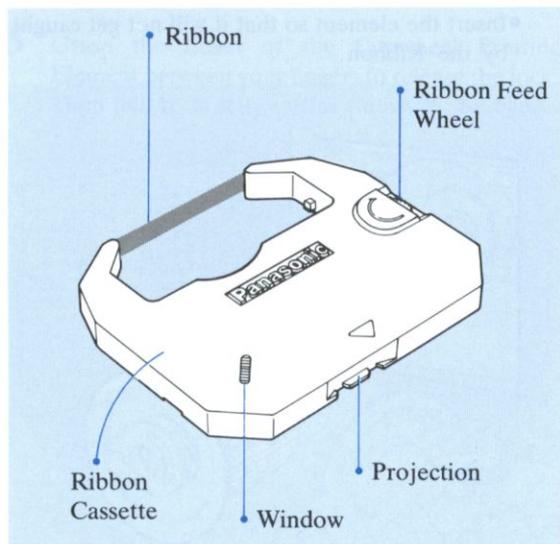
Window

Projection

6 Position the new Ribbon Cassette over the Cassette Holder so that the Window (through which the ribbon can be seen) is on the top, then place the Projection on the rear of the cassette into the Slot at the front of the Cassette Holder.

Ribbon Guides   Card Holder

Carriage Cover

Cassette Holder

Slot
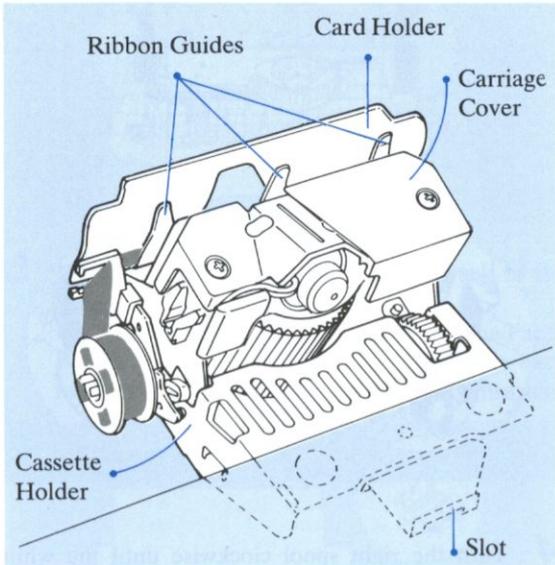
7 Set the Ribbon between the Carriage Cover and the Ribbon Guides and then gently press the front of the cassette with both hands until the cassette is locked. Turn the Ribbon Feed Wheel clockwise until a clicking sound is heard.
- With a new ribbon, turn the Ribbon Feed Wheel until the black ribbon can be seen.
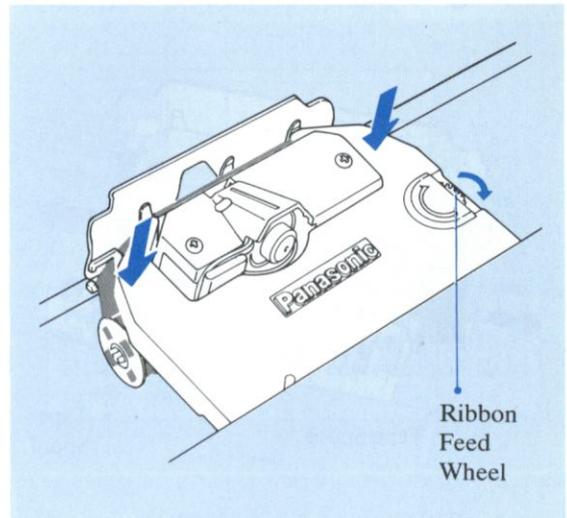
Ribbon Feed Wheel

8 Confirm that there is no slack in the Ribbon. If there is slack, turn the Ribbon Feed Wheel clockwise to remove it.

Do not apply excessive force to or bend the flat cable coming out from the Carriage.

REPLACING THE
1-5 CORRECTION TAPE

1 Remove the Ribbon Cassette by following steps 1~4 of "REPLACING THE RIBBON CASSETTE".

2 Remove the used Correction Tape by pulling the Tape Spools outwards on both sides.

Tape Spool   Tape Spool
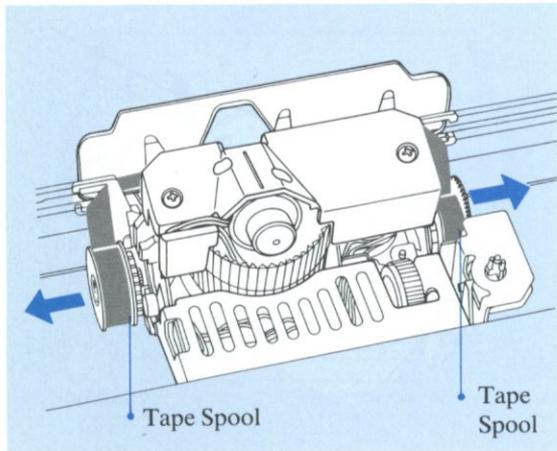
3 Place the new Correction Tape with the Full Spool on the left side, and then pass the tape between the Card Holder and the Ribbon Guides.

Ribbon Guides   Card Holder

Full Tape Spool   Empty Tape Spool
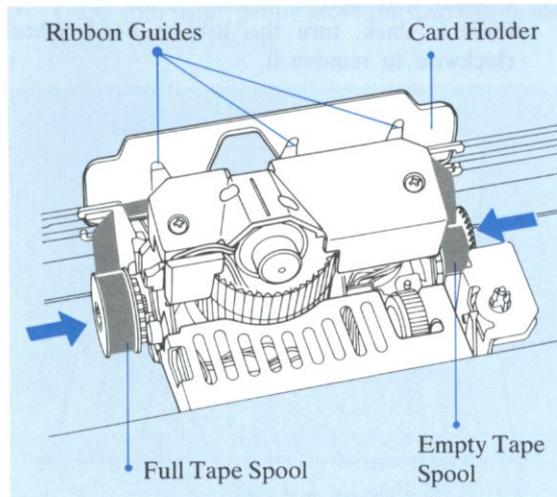
● Make sure that the inner surface of the tape on the spool faces toward the Platen.
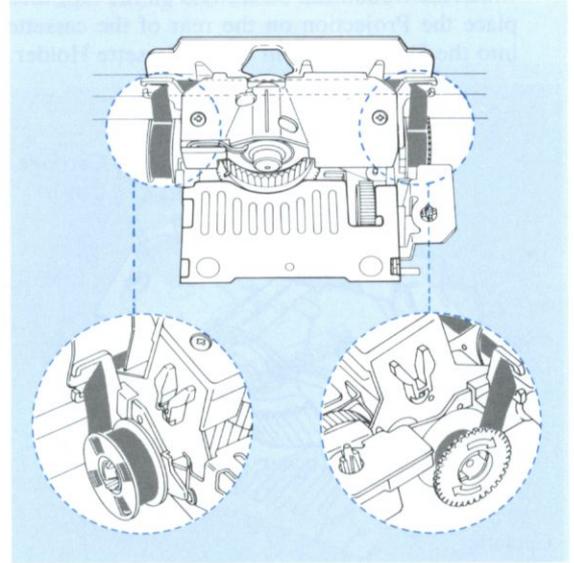
4 Turn the right spool clockwise until the white tape appears at the center of the Card Holder.

Empty Tape Spool
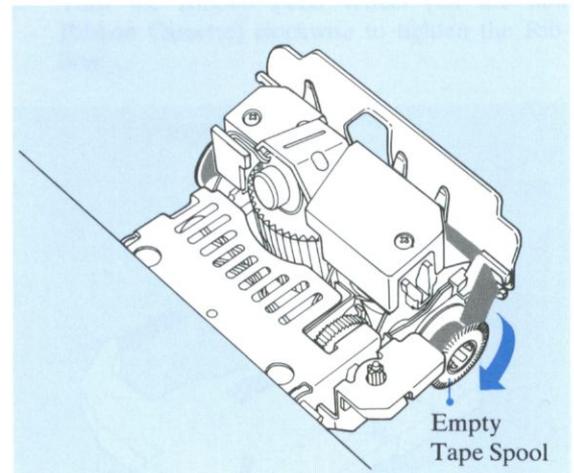
5 Install the Ribbon Cassette properly. (Follow the steps 5 through 8 of "REPLACING THE RIBBON CASSETTE".)

Always set the **POWER** Switch to "OFF" before exchanging the Correction Tape.
Do not touch the Carriage while the power is "ON".

a. Automatic Paper Insertion

1 Open the Paper Support and position the Paper Guide for the size of the paper you are using.

Paper Guide   Paper Support
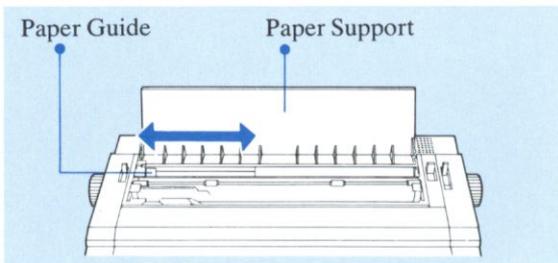
2 Insert the paper straight under the back of the Platen.
Pull back the Paper Bail Lever to move the Paper Bail away from the Platen. By pulling it back further, the paper will be automatically inserted.
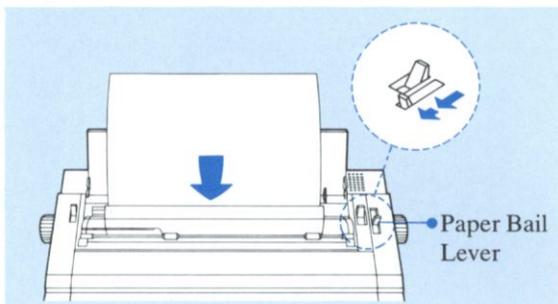
Paper Bail Lever

● If necessary, pull the Paper Release Lever and adjust the paper to the desired position.

Paper Release Lever
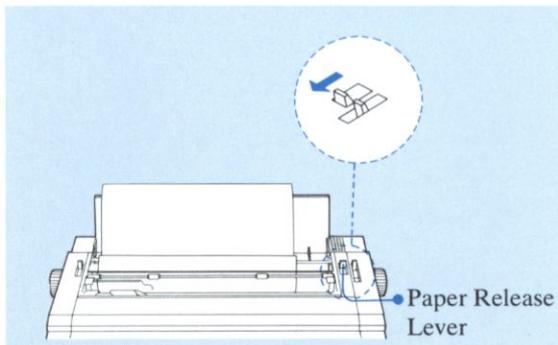
3 Return the Paper Release Lever and Paper Bail Lever to their original positions and then position the Paper Bail Rollers to hold down the paper.

Paper Bail Rollers

Paper Bail
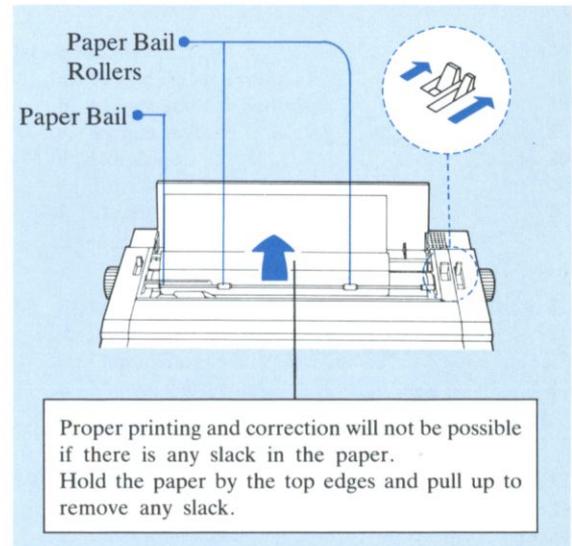
Proper printing and correction will not be possible if there is any slack in the paper.
Hold the paper by the top edges and pull up to remove any slack.

b. Paper-End Detection

When the end of the paper is reached, a buzzer will sound and the "PAPER END!!" message will appear on the LCD Display to indicate that the paper has run out. Typing can be continued, but at every new line the buzzer will sound and the "PAPER END!!" message will be displayed. Insert a new sheet of paper and continue typing.

```
PAPER  END !!
```
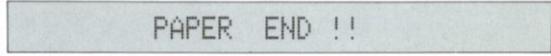
● Paper which has large areas of black print on it may sometimes cause "PAPER END!!" to appear on the LCD Display.

When you are printing the Text Memory contents or using the unit as a printer and the end of paper is detected, printing stops.
At this time, an additional line can be printed each time the **PRINT ON/OFF** Key is pressed.
After changing the paper, normal printing can be resumed by pressing the **PRINT ON/OFF** Key.

2 BASIC OPERATIONS

2-1 TYPING

a. Procedure for Typing

1 Verify that the Cupwheel Printing Element, Ribbon Cassette and Correction Tape are correctly installed.

Refer to pages 10 to 14.

2 Connect the AC Power Cord to the Power Input Jack in the unit and household AC Socket.

Refer to page 9.

3 Set the **POWER** Switch to the "ON" position. The Carriage will move to the left margin that was last set.

Refer to page 9.

4 Insert the paper straight under the back of the Platen.

Refer to page 15.

•Paper Bail Lever
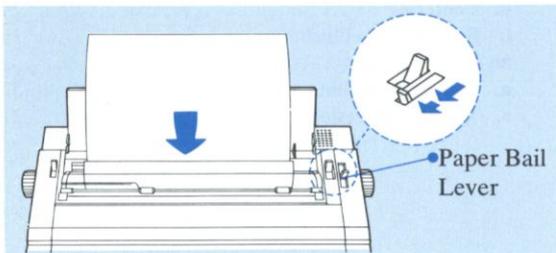
Typing may now proceed.
Check to see if the "TPWR" Indicator (MODE) is lit.
If the "L/L" Indicator or "JUST" Indicator is lit, press the **MODE** Key so that the "TPWR" Indicator lights.
If the External Mode Indicator (EXT) is lit, press the **EXT** Key to put out the Indicator.

Refer to pages 23 to 28.

"TPWR" Mode Indicator is lit

External Mode Indicator is out.
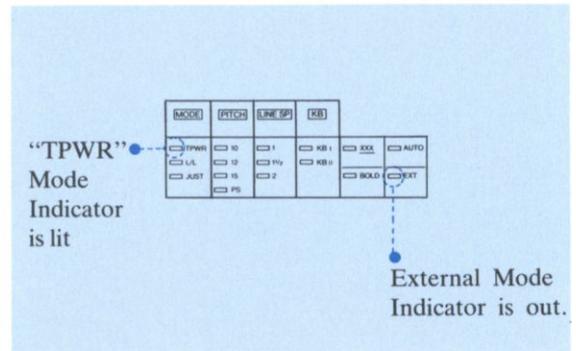
•Try typing the following word:

typewriter

•The characters have now appeared on the paper as:

typewriter

The typing of one character at a time onto the paper is called the Typewriter (TPWR) Mode.

You now know how to proceed with simple typing. Read through the following instructions in order to make full use of the unit's functions.

b. *Margin and Tab Settings*

TPWR Mode

Left margin   Tab   Tab   Tab   Right margin

BASIC OPERATIONS

Space Bar
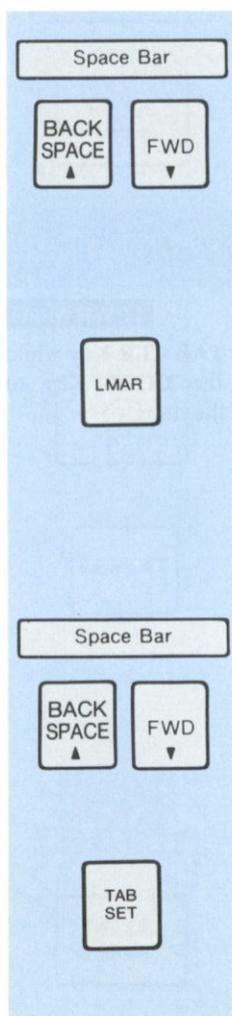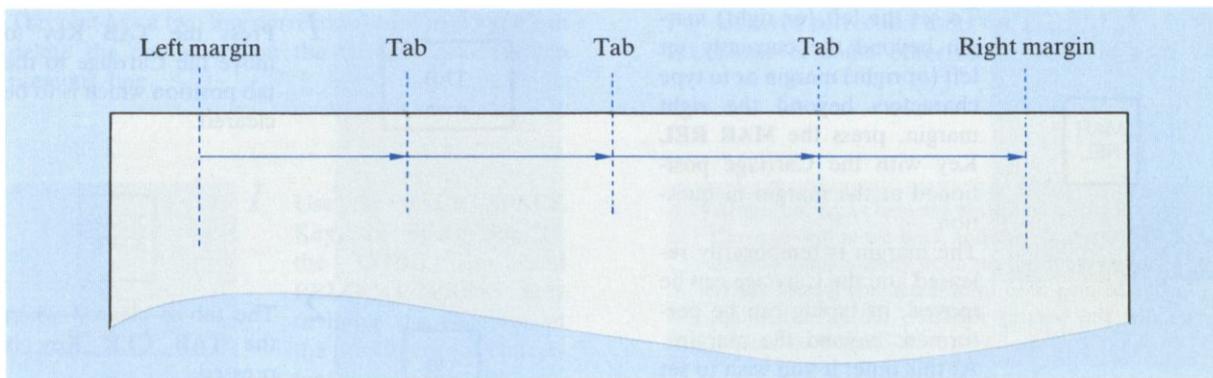
BACK SPACE ▲   **FWD ▼**

1   Press the **Space** Bar, the **BACK SPACE** Key or the **FWD** Key to move the Carriage to the desired left margin.

LMAR

2   Press the **L MAR** Key to set the left margin. The previous left margin is automatically cleared.

Space Bar

BACK SPACE ▲   **FWD ▼**

3   Press the **Space** Bar, the **BACK SPACE** Key or the **FWD** Key to move the Carriage to the desired tab position.

TAB SET

4   Press the **TAB SET** Key to set the first tab.
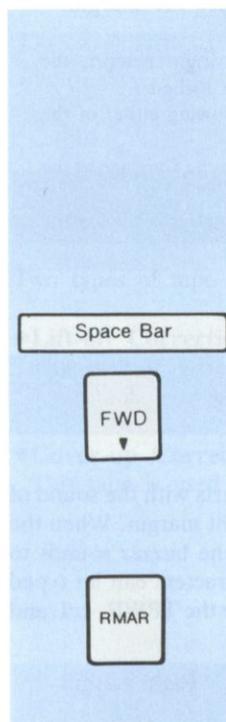
5   Repeat steps 3 and 4 to set other desired tab positions.
    • Up to 20 tabs can be set in one line.

Space Bar

FWD ▼

6   Press the **Space** Bar or the **FWD** Key to move the Carriage to the desired right margin.

RMAR

7   Press the **R MAR** Key to set the right margin. The previous right margin is automatically cleared.

This completes the settings for the left and right margins and for the tabs. To set the left and right margins only, skip steps 3, 4 and 5 and proceed. Press the **RETURN** Key to move the Carriage to the left margin on the next line and begin typing.

c. *Margin Release*

To set the left (or right) margin beyond the currently set left (or right) margin or to type characters beyond the right margin, press the **MAR REL** Key with the Carriage positioned at the margin in question.

The margin is temporarily released and the Carriage can be moved, or typing can be performed, beyond the margin.

At this time, if you wish to set the left (or right) margin, press the **L MAR** Key (or **R MAR** Key) to set the margin.

When the Carriage reaches the right margin, the buzzer sounds and the keys are locked.
The keys can be released by following either of the steps below:
- Press the **RETURN** Key to move the Carriage to the left margin on the next line.
- Press the **MAR REL** Key to temporarily release the margin and continue typing.

d. *Hot Zone*

The Hot Zone is the area that starts with the sound of the buzzer and ends with the right margin. When the Carriage enters the Hot Zone, the buzzer sounds to indicate that only another 8 characters can be typed on that line. The same applies for the TPWR, L/L and JUST Mode.

The buzzer sounds									Right margin
10	9	8	7	6	5	4	3	2	1

←——— Hot Zone ———→
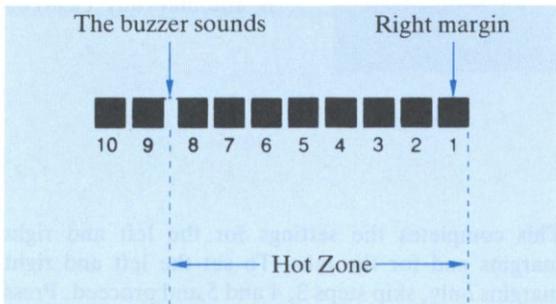
e. *Tab Clearing*

TPWR Mode
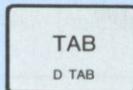
1 Press the **TAB** Key to move the Carriage to the tab position which is to be cleared.

2 The tab is cleared when the **TAB CLR** Key is pressed.

f. *Clearing All Tabs*

TPWR Mode
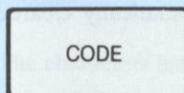
Press the **TAB CLR** Key while pressing the **CODE** Key to clear all the tabs.

a. *Automatic Correction*

TPWR Mode

This unit has a two line correction memory so you can delete the characters on the current line and the previous line.

For details of correction using the LCD Display in the L/L Mode or some other mode, refer to page 24.

1 Use the **BACK SPACE** Key, the **Space** Bar, or the **CODE** Key and **RELOC·EXPRESS** Key to move the Carriage to the position of the character to be corrected.

●To correct a mistake made in the previous line, press the **REV INDEX** Key while pressing the **CODE** Key to return the Carriage to the end of the previous line, then press the **BACK SPACE** Key to move the Carriage to the position of the character to be corrected.

●After printing a character at the end of the line, the Carriage will move back and the character will be deleted automatically when the ⊗ Key is pressed.
●When several characters have been printed superimposed, only the character printed last will be deleted automatically.

2 Press the ⊗ Key.
The character will be deleted.

Correction Tape

Two types of tape can be used for correction.

●**Lift-off Correction Tape**
This type of correction tape is used together with correctable film ribbon.

●**Cover-up Correction Tape**
This tape is used together with fabric ribbon.

3 At this time, to continue automatic correction press the **REPEAT** Key. This will cause the previously printed characters on the line to be deleted one at a time until the **REPEAT** Key is released.

4 Type the correct character.

5 When the **RELOC** Key is pressed, the Carriage returns to the last position and typing can be continued.

BASIC OPERATIONS

CORRECTION

b. *Quick Erase*

The Quick Erase feature allows you to correct one word at a time. Like Automatic Correction, this feature works only in the correction memory.

1 Using the **BACK SPACE** Key or **FWD** Key, move the Carriage or cursor to the last character of the word to be erased.
- If you have pressed the **Space** Bar after typing an incorrect word, make sure to press the **BACK SPACE** Key, before pressing the **QUICK ERASE** Key.

2 Press the **QUICK ERASE** Key.
The word will be erased.

3 Type the correct word.

By pressing the **QUICK ERASE** Key when the Carriage or cursor is in the middle of a word, the characters to the left of the current position will be corrected.

c. *Manual Correction*

TPWR Mode

To erase a character made in a line before the two line correction memory, perform manual correction.

1 Press the **REV INDEX** Key to position the Carriage on the line where the correction is to be made.

2 Use the **Space** Bar, the **BACK SPACE** Key, the **TAB** Key, or the **MICRO SPACE** Key to move the Carriage to the position of the character to be corrected.

3 Press the ⊗ Key and then the key of the character to be deleted, the respective character will be deleted.

4 Type the correct character.

5 Move the Carriage to the position of the last character which was typed to continue typing.

To manually erase a character printed in the "PS" pitch, first align the Carriage with the character using the **MICRO SPACE** Key.

a.   *Function Indications*

The various mode and function settings are indicated by the Function Indicators.
The appropriate indicator will light when the corresponding mode or function has been selected.

Details for each function are given in their respective section.

Function Indicators

MODE   PITCH   LINE SP   KB

- TPWR
- L/L
- JUST

- 10
- 12
- 15
- PS

- 1
- 1½
- 2

- KB I
- KB II

- XXX
- BOLD

- AUTO
- EXT

Carriage Return Mode [AUTO]

Operation Mode [MODE (TPWR • L/L • JUST)]

Pitch [PITCH (10 • 12 • 15 • PS)]

Line spacing [LINE SP (1 • 1½ • 2)]

External Mode [EXT]

Printing Mode [xxx • BOLD]

Keyboard [KB (KBI • KBII)]
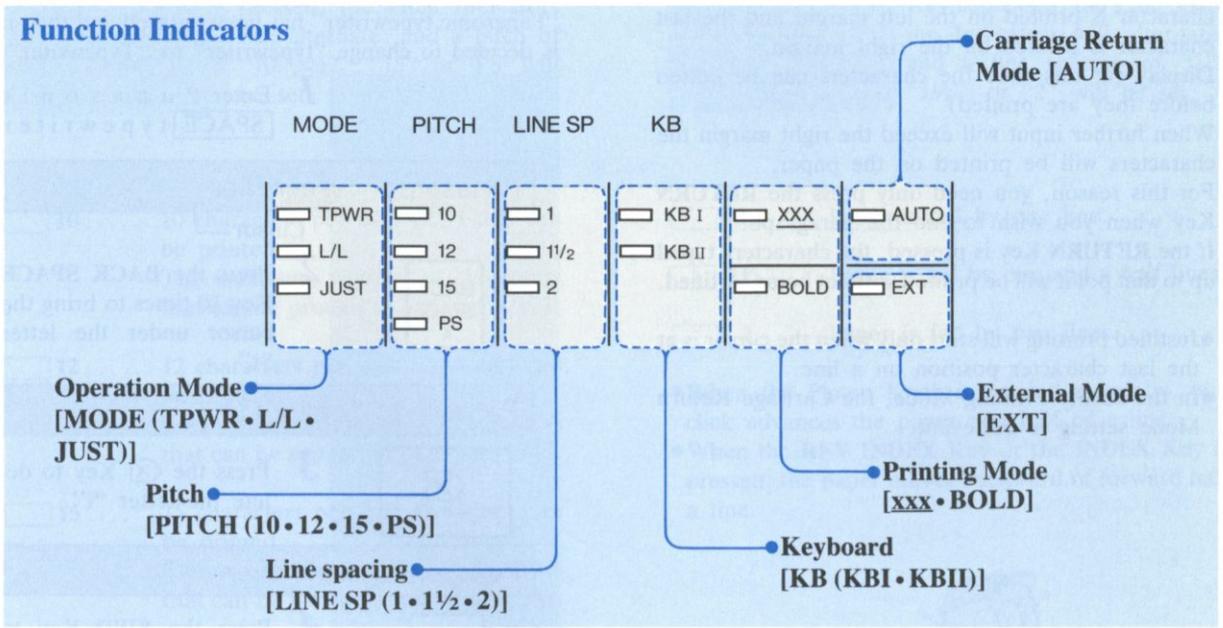
b.   *Operation Mode*

MODE

This selects the operation mode.
Each time the **MODE** Key is pressed, the Operation Mode Indicators will alternate between "TPWR", "L/L", or "JUST" Mode.

Typewriter (TPWR) Mode

The characters entered will be printed immediately. Margin and tab settings are executed in this mode. Set the margins and tabs in this mode.

Line by Line (L/L) Printing Mode

When character keys are pressed, the respective characters appear on the LCD Display and can be edited (inserted, deleted, corrected) on the display before they are printed.
When the **RETURN** Key or **TAB** Key is pressed, the characters in the line are printed.

DESCRIPTION OF FUNCTIONS

Justify (JUST) Printing Mode

This mode will print each line so that the first character is printed on the left margin and the last character is printed on the right margin.
Display (at this time the characters can be edited before they are printed).
When further input will exceed the right margin the characters will be printed on the paper.
For this reason, you need only press the **RETURN** Key when you wish to end the paragraph.
If the **RETURN** Key is pressed, the characters typed up to that point will be printed without being justified.

● Justified printing will start only when the cursor is at the last character position on a line.
● In the Justify Printing Mode, the Carriage Return Mode setting is irrelevant.

If the operation is interrupted and/or the buzzer sounds continuously, turn the unit off and then on. If the unit does not return to normal operation and/or the buzzer still sounds, check to see if the Ribbon Cassette or the Correction Tape has reached its end.

Editing (Insertion, Deletion) on the LCD Display

The following procedure is for the case when "Panasonic typewriter" has been entered and then it is decided to change "typewriter" to "Typewriter".

1 Enter P a n a s o n i c [SPACE] t y p e w r i t e r

`Panasonic typewriter_`

Cursor

BACK SPACE ▲

2 Press the **BACK SPACE** Key 10 times to bring the cursor under the letter "t".

`Panasonic typewriter`

⊗ TEXT CLR
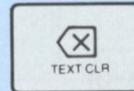
3 Press the ⊗ Key to delete the letter "t".

`Panasonic _ypewriter`

FWD ▼

4 Press the **FWD** Key to bring the cursor underneath the letter "y".

`Panasonic ypewriter`

SHIFT

+

T IMPRESS
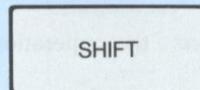
5 Press the **SHIFT** Key and the **T** Key to insert the letter "T".

`Panasonic Typewriter`

RELOC EXPRESS
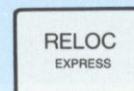
6 When the **RELOC** Key is pressed, the cursor will move to the end of the display, and further input becomes possible.

`Panasonic Typewriter_`

c. *Pitch*

Set according to the pitch of the Cupwheel Printing Element being used.
Each time the **PITCH** Key is pressed, the Pitch Indicators will alternate, and a pitch of "10", "12", "15", or "PS" will be set.

☐ **10** ...... 10 characters per inch (2.54 cm) can be printed.
The maximum number of characters that can be printed in one line is 121.

☐ **12** ...... 12 characters per inch (2.54 cm) can be printed.
This maximum number of characters that can be printed in one line is 145.

☐ **15** ...... 15 characters per inch (2.54 cm) can be printed.
This maximum number of characters that can be printed in one line is 181.

☐ **PS** ...... This adjusts the pitch for each character typed so that the space between each character printed is even. [Use a PS type Cupwheel. (optional)]
(Proportional Spacing)
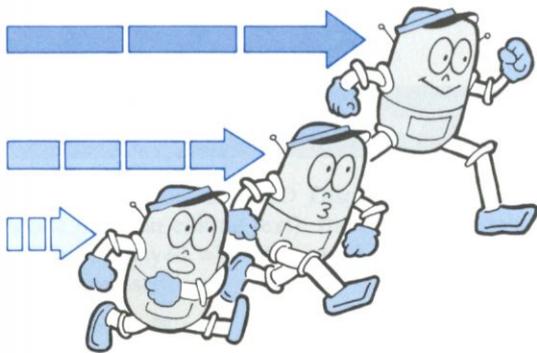
d. *Line Spacing*

This selects the amount of paper that is fed each time the **RETURN** Key is pressed.
Each time the **LINE SPACE** Key is pressed, the Line Spacing Indicators will alternate, and a line spacing of "1", "1½", or "2" will be set.

☐ **1** .... Paper is fed by one line.

☐ **1½** .... Paper is fed by one and a half lines.

☐ **2** .... Paper is fed by two lines.

• When the Platen Knob is rotated manually, one click advances the paper one half of a line.
• When the **REV INDEX** Key or the **INDEX** Key is pressed, the paper moves backward of forward half a line.
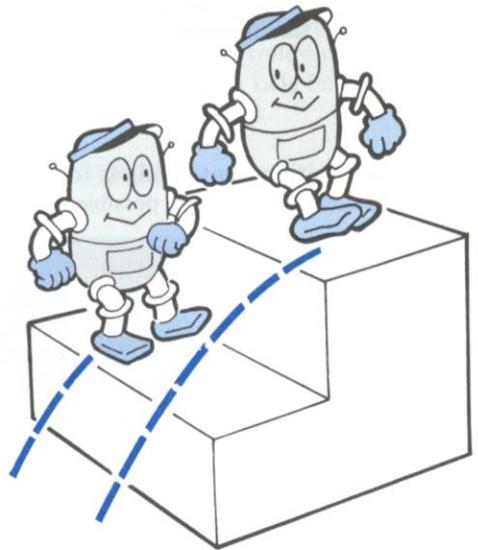
DESCRIPTION OF FUNCTIONS

e. Keyboard

Between two to four characters and symbols are contained in each key. The keyboard mode is thus selected to differentiate between these characters and symbols.

Each time the **KB** Key is pressed, the Keyboard Indicators will alternate, and "KBI" or "KBII" will be set.

☐ **KBI** .. The characters and symbols on the left side of the key can be typed.

☐ **KBII** .. The characters and symbols on the right side of the key can be typed.

KBI Shifted	¼ Ç	KBII Shifted
KBI Not shifted	½ β	KBII Not shifted
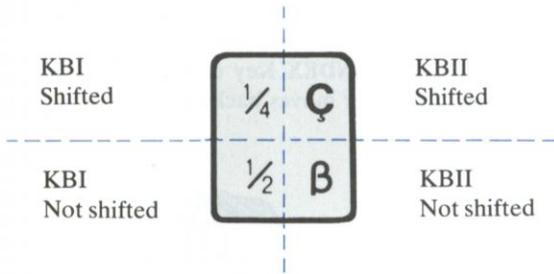
●**Combinations with accent symbols (dead keys)**
The following combinations are possible.

Since the five accent symbols (ˋ ´ ˆ ¨ ˜) are used together with other characters, the Carriage does not move after these symbols are printed.

äëïöü	ÄËÏÖÜ
áéíóú	ÁÉÍÓÚ
àèìòù	ÀÈÌÒÙ
âêîôû	ÂÊÎÔÛ
ãõñ	ÃÕÑ

Repeat Functions

The following keys have a repeat function when they are continuously pressed.
- ●**Space** Bar
- ●**BACK SPACE** Key
- ●**FWD** Key
- ●**RETURN** Key
- ●**INDEX** Key
- ●**REV INDEX** Key

Key repetition is also possible for the following keys by pressing the **REPEAT** Key after the respective key:
- ●Character keys
- ●**Space** Bar
- ●**BACK SPACE** Key
- ●**FWD** Key
- ●**RETURN** Key
- ● ⊠ Key
- ●**TAB** Key
- ●**INDEX** Key
- ●**REV INDEX** Key

f. *Printing Mode*

Bold printing and underlined printing can be performed automatically.
The Bold and Underline Mode can be set independently.

Underlined Printing

By pressing the __xxx__ Key, the Underlined Printing Indicator will light, and the Underlined Printing Mode will be set.
By pressing the __xxx__ Key again, the Underlined Printing Mode will be canceled.

☐ __xxx__ . . . .

Bold Printing

By pressing the **BOLD** Key, the Bold Printing Indicator will light, and the Bold Printing Mode will be set. By pressing the **BOLD** Key again, the Bold Printing Mode will be canceled.

☐ **BOLD** . . Bold Printing Indicator

• Bold printing is not executed for the following characters:

, . — ( ) ^ " ~

Printing Mode Display

• When editing on the LCD Display (either in L/L Mode or when editing text), the following symbols will be displayed when the __xxx__ Key or the **BOLD** Key is pressed.

▯ Bold mode start

▯ Bold mode end

▮ Underline mode start

▮ Underline mode end

g. *Carriage Return Mode*

This function selects whether a Carriage return is made automatically or manually in the Hot Zone.
By pressing the **AUTO** Key, the Automatic Carriage Return Indicator will light, and the Automatic Carriage Return Mode will be set.
By pressing the **AUTO** Key again, the Automatic Carriage Return Mode will be canceled.

☐ **AUTO** . . Automatic Carriage Return Indicator

When a "hyphen" or a "space" is entered within the "Hot Zone" (refer to page 20), the Carriage automatically moves to the left margin or the Paragraph Indent position of the next line.

• When in the Justify Printing Mode, the Carriage Return Mode setting is irrelevant.
• This operates as the Auto Line Feed Selector when using the unit as a printer.

Permanent Hyphen and Space

When in the Automatic Carriage Return Mode, this function allows typing to be continued without a Carriage return in the Hot Zone.

| CODE | + | Space Bar | Permanent Space |
| CODE | + | — | . . . . Permanent Hyphen |
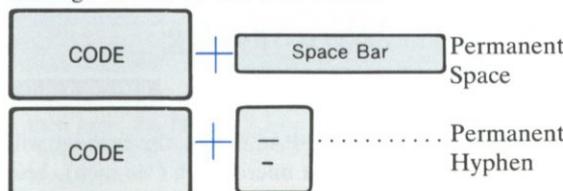
• A Permanent space is indicated as " ⎵ " on the LCD Display. (When editing on the LCD)

BASIC OPERATIONS

DESCRIPTION OF FUNCTIONS

h. *External Mode*

This function is used when print-out data is received from a computer.
Press the **EXT** Key to select the External Mode. Press the **EXT** Key again to cancel it. When the External Mode is selected, the following message will appear on the LCD Display.

    EXTERNAL MODE :   ON LINE

EXT .... External Mode Indicator
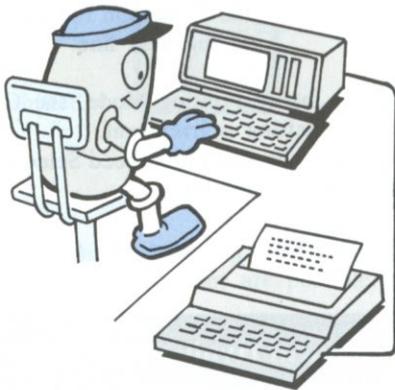
i. *Micro Spacing*

TPWR Mode

By pressing the **MICRO SPACE** Key, the carriage will move to the right by one micro pitch (1/60 inch). Use this key to align the carriage with a character when you wish to manually correct a character that was typed in "PS" (Proportional Spacing).

j. *Half Space*

TPWR Mode

The Half Space is used to insert a character into a word when you have already typed past it.

For example, if you have typed "The quick bron fox jumps" and you wish to insert "w" into "bron", you would use the following procedure.

●*Operation*

1 Back space and erase the incorrect word (bron).

2 Press the **BACK SPACE** Key once.
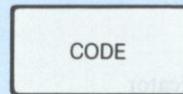
3 Press the **H** Key while pressing the **CODE** Key. As a result the Carriage will move one half space to the right.

4 Type the correct word (brown).

k.   *Centering*

Centering is performed as indicated below, depending on the carriage position.

- When the Carriage is at the left margin, centering is performed between the left and right margins.
- When the Carriage is at a paragraph indent position, centering is performed between that position and the right margin.
- When the Carriage is on a tab, centering is performed between that tab and the next tab.
- When the Carriage is on the last tab, centering is performed between that tab and the right margin.

● *Operation*

1 Press the **C** Key while pressing the **CODE** Key. The Carriage moves to the centering position and the following appears on the LCD Display.

- When centering is between the margins:

```
MARGIN CENTERING
```

- When centering is between tabs:

```
TAB CENTERING
```

2 Enter the words or sentences to be centered.

3 When the **RETURN** Key is pressed, the typed characters are printed. The Carriage returns to the left margin on the next line.
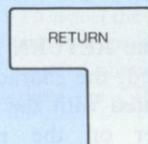
- When a line feed is not desired, press the **TAB** Key to move the Carriage to the next tab or to the right margin.

- When you try to enter a large number of characters and any further entry will go beyond the tabs or margins, or will be superimposed over already printed characters, the buzzer will sound and character input is no longer accepted.

- To cancel the Centering Mode, press the ⊗ Key and then press the **REPEAT** Key to delete all the entered characters until the buzzer sounds. Then press the ⊗ Key again.

BASIC OPERATIONS

DESCRIPTION OF FUNCTIONS

1. *Right Margin Flush*

This function prints each line so that the last character is printed on the right margin.

●*Operation*
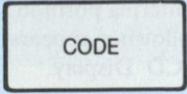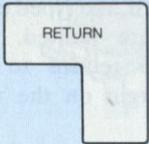
1 Press the **R** Key while pressing the **CODE** Key. The Carriage moves to the right margin and the following appears on the LCD Display:

```
CODE
+
R
RMF
```

```
RIGHT MARGIN FLUSH
```

●When you try to enter a large number of characters and any further entry will go beyond left margin, or will be superimposed over already printed characters, the buzzer will sound and character input is no longer accepted.

●To cancel the Right Margin Flush Mode, press the ⊗ Key and then press the **REPEAT** Key to delete all the entered characters until the buzzer sounds. Then press the ⊗ Key again.

2 Enter the words or sentences to be printed.

3 When the **RETURN** Key is pressed, the characters are printed with the last character on the right margin. The Carriage then moves to the left margin on the next line.

RETURN
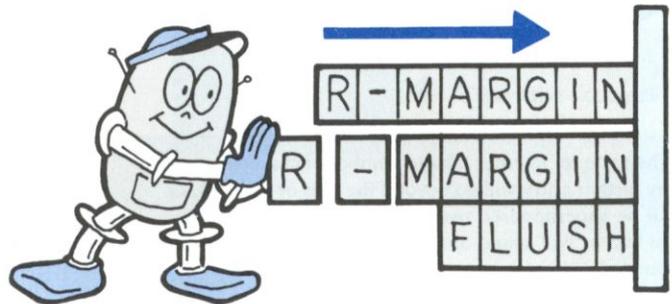
m.   *Decimal Tab*

When the **TAB** Key is pressed while pressing the **CODE** Key, the decimal points can be aligned at the set tab position.

• *Operation*

1 First, set a tab at the position where the decimal point is to be printed.

2 Press the **RETURN** Key, the **RELOC•EXPRESS** Key and **CODE** Key, or the **BACK SPACE** Key to return the Carriage. Press the **TAB** Key while pressing the **CODE** Key. This will move the Carriage to the position where the decimal point will be printed. The following will appear on the LCD Display to indicate the unit is waiting for input.

```
CODE

 +

TAB
D TAB
```

```
DECIMAL TAB
```

3 Enter the integral part of the number.
The entered number is displayed on the LCD Display.

4 When the decimal point (period) is entered, printing will be executed so that the decimal point is printed at the tab position.

5 Type the decimal portion of your input.

• Repeat the above steps (2 to 5) to type lists of statistics.

Example:

Tab position

```
3,220.1
 217.31
 116.0
```

• When the number is only an integral part and there is no decimal point, use the **TAB** Key, the **RETURN** Key, or the **TAB** Key and **CODE** Key simultaneously for printing.
• When a large number of characters is to be entered and any further entry will go beyond the left margin or will be superimposed over already printed characters, the buzzer sounds and character input is no longer accepted.
• To cancel the Decimal Tab Mode, press the ⊗ Key and then press the **REPEAT** Key to delete all the entered characters until the buzzer sounds. Then press the ⊗ Key again.

BASIC OPERATIONS
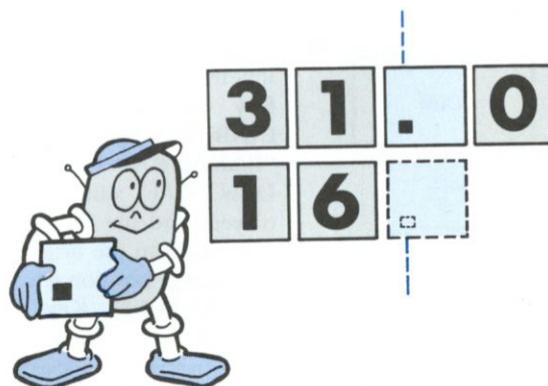
n. *Paragraph Indent*

This function is used when sentences are to be typed temporarily indented to the right.

Space Bar

BACK SPACE ▲ **FWD** ▼

CODE

+
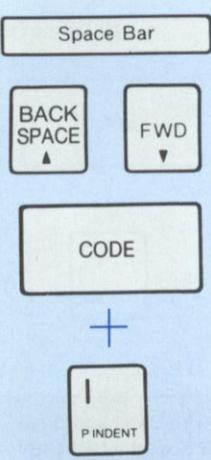
I P INDENT

1 Move the Carriage to the position where the indent is to be set by using the **Space** Bar, **BACK SPACE** Key or **FWD** Key.

2 Press the **I** Key while pressing the **CODE** Key. "PARAGRAPH IN-DENT ON" will be displayed, and the present position of the Carriage will be set as the temporary left margin.

```
PARAGRAPH INDENT ON
```

3 Type the characters.

4 When the **RETURN** Key is pressed, the Carriage moves to the indent position on the next line.

RETURN

5 Continue to type.

CODE

+
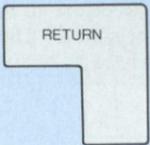
I P INDENT

6 To cancel the Paragraph Indent Mode, press the **I** Key while pressing the **CODE** Key again. "PARAGRAPH IN-DENT OFF" will be displayed, and the Carriage will return to the original left margin position when the **RETURN** Key is pressed.

```
PARAGRAPH INDENT OFF
```
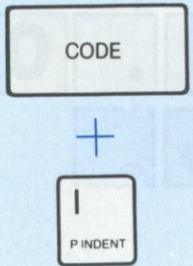
- The Paragraph Indent Mode does not function outside the left or right margin.
- When the margin is reset, the Paragraph Indent Mode will be canceled.

o. *Typing Impression Control*

This controls the impact of the printed characters. Select the impression level that is most suited for your needs.
(e.g. You may wish to choose "LEVEL 3" for carbon copies or choose "LEVEL 1" for a single sheet of thin paper.)

CODE

+
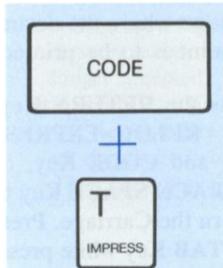
T IMPRESS

1 Press the **T** Key while pressing the **CODE** Key. Each time these keys are pressed the typing im-pression level will change. A typing impression level of 1, 2 or 3 can be selected.

2 The message on the LCD Display will show the level of the impression.

```
TYPING IMPRESSION : LEVEL 3
```

- Impression LEVEL 1 is softer than LEVEL 3.
- We recommend you to try impression "LEVEL 3" first, and if you feel the impression is too hard, try "LEVEL 2" or "LEVEL 1".

3 TEXT MEMORY

TEXT MEMORY

a. *How to Enter Text*

1 Set the left and right margins, tabs and printing pitch.

2 Press the **TEXT IN/OUT** Key. The following message is indicated for about a second on the LCD Display.

> TEXT MEMORY MODE

- The LCD Display message then changes to:

> FILE NAME = (FWD FOR LIST)

3 Input the file name using a maximum of 16 characters.
For example, input "LETTER1".
(When inputting the file name, all the letters will appear as capitals on the LCD Display.)
- The following will appear on the LCD Display.

> FILE NAME =LETTER1_

4 Press the **RETURN** Key. The following message will appear on the LCD Display.

> NEW FILE !!

- The LCD Display message then changes to:

> STORE LINE FORMAT Y/N ?

5 To memorize the registered line format, press the **Y** Key.
When not memorizing the line format, press the **N** Key.
- By pressing the **Y** Key, the current line format (Margins, Tabs, Printing Pitch) will be memorized, and will be used when printing. The " F " symbol will appear on the LCD Display.
The " F " symbol indicates that the line format has been memorized.

> LETTER1F◆_

- By pressing the **N** Key, the line format will not be memorized. When the text is printed, it will be printed in accordance with the current Margins, Tabs, and Printing Pitch settings.
The following message will appear on the LCD Display.

> LETTER1◆_

6 Enter the text without taking note of the margins.
The text appears on the LCD Display and thus can be checked while it is entered.
If the right margin is exceeded, the Word-wrap Function automatically moves the last word to the next line.
- Press the **RETURN** Key only when required at the end of paragraph. The return mark " ↵ " will then appear on the LCD Display.

b. How to Print Text
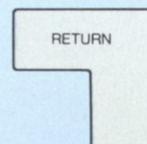
Functions Stored in the Text Memory

You can register the following functions. Each time a function is registered, the corresponding symbol will appear on the LCD Display.

- Bold Printing .... ▉ (start), ▉ (end)
- Underlined Printing........ � (start), ◢ (end)
- Tab..................... ↯
- Paragraph Indent .... ⊭ (start), ⌐ (end)
- Decimal Tab .... ▸.
- Right Margin Flush .... ▸|
- Margin Centering......... △

(TAB centering cannot be registered.)

- If you wish to enter Tabs or Decimal Tabs in a Text, it is recommended that you store the Line Format to avoid errors when the Text is printed.

Exiting from the Text Memory Mode

Press the **TEXT IN/OUT** Key when text is not to be printed in the Text Memory Mode. The following message appears on the LCD Display and you can exit from the Text Memory Mode.

TEXT IN/OUT

TEXT MEMORY MODE END
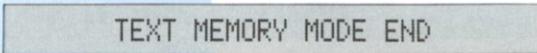
A total of 30 files can be registered. If an attempt is made to register more than this number of files, the following message will appear on the LCD Display.

TOO MANY FILES !
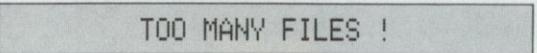
1 Set the line spacing.

2 When the line format is not stored, set the margins, printing pitch and carriage position.
   - When you wish to perform justified printing of a text, set the Operation Mode to "JUST".

3 Press the **TEXT IN/OUT** Key, enter the file name corresponding to the file whose contents are to be printed and press the **RETURN** Key.
   Immediately after the desired file has been selected, the cursor will be located at the top of the text.
   To start printing from an intermediate point in the text, move the cursor to the desired position.

TEXT IN/OUT

4 Press the **PRINT ON/OFF** Key.
   Printing starts from the cursor position.

PRINT ON/OFF

TEXT PRINTING

5 To stop printing temporarily, press the **PRINT ON/OFF** Key again.
   Printing then stops at the beginning of the next line.
   - The **PRINT ON/OFF** Key is used to start, temporarily halt and resume printing.
   - After temporarily stopping printing, you can type additional words on the paper but these words will not be stored in the Text Memory.

PRINT ON/OFF
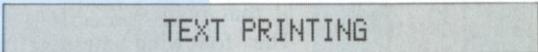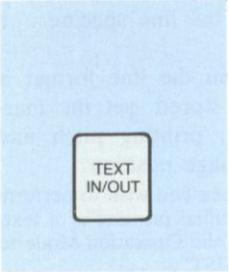
6 Upon completion of printing, an exit is automatically made from the Text Memory Mode.
- Press the **TEXT IN/OUT** Key to exit from the Text Memory Mode while printing has been temporarily stopped.
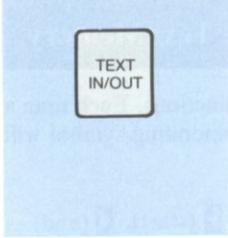
TEXT IN/OUT

c. *How to Edit Text*

TEXT IN/OUT

1 Press the **TEXT IN/OUT** Key, enter the file name corresponding to the file whose contents are to be edited and press the **RETURN** Key.

2 Proceed with the editing.

FWD .... The cursor moves one character at a time to the right. When it reaches the end of the line it moves automatically to the beginning of the next line.

BACK SPACE .... The cursor moves one character at a time to the left. When it reaches the beginning of the line it moves automatically to the end of the previous line.

CODE + FWD .... The cursor moves to the beginning of the next line.

CODE + BACK SPACE .... The cursor moves to the beginning of the previous line.

CODE + RELOC EXPRESS . The cursor moves to the beginning of the text.

RELOC EXPRESS .... The cursor moves to the end of the text.

⌫ TEXT CLR .... The character above the cursor is deleted.

Character keys .... When a character key is pressed, the character is inserted automatically to the left of the cursor.

Stop Codes

The RK-T55 will allow you to enter and instruct it to stop printing at a particular point so that you may insert variables within the body of the text.
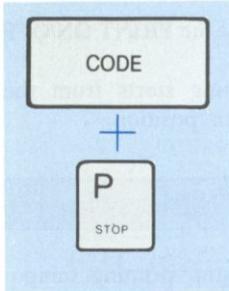
CODE
+
P
STOP

During text entry, input the Stop Code by pressing the **P** Key while pressing the **CODE** Key.
As a result, when the text is printed out, printing will stop at that point.
The following message appears on the LCD Display.

▤ STOP CODE

Type the variable information.
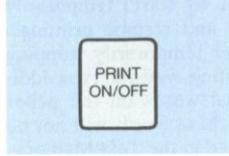
To resume printing, press the **PRINT ON/OFF** Key. The variable information will not become part of the stored text.

PRINT ON/OFF

TEXT IN/OUT

3 Upon completion of the editing, press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

TEXT MEMORY MODE END

- *Symbols on the LCD Display*
  ▤ .... Stop Code

d. *How to List the File Names*

There are two ways of listing file names, displaying them on the LCD Display and printing them.

To display the file names on the LCD Display

TEXT IN/OUT

1 Press the **TEXT IN/OUT** Key.

> TEXT MEMORY MODE

> FILE NAME = (FWD FOR LIST)

FWD ▼

BACK SPACE ▲

2 Press the **FWD** Key or **BACK SPACE** Key to display the file name on the LCD Display.
- By pressing the **FWD** Key, the file names will be displayed from the last file name that was input.
- By pressing the **BACK SPACE** Key, the file names will be displayed from the first file that was input.

> FILE NAME =LETTER1

RETURN

3 To print or edit the contents of text registered in a file, press the **RETURN** Key when the file name is displayed.
The contents of the file will be displayed on the LCD Display, and the unit will go into the text Edit Mode.

> LETTER1▣◆▶May 5, 1986◁

To print file names

TEXT IN/OUT

1 Press the **TEXT IN/OUT** Key.

> TEXT MEMORY MODE

> FILE NAME = (FWD FOR LIST)

PRINT ON/OFF

2 Press the **PRINT ON/OFF** Key.
The following message will appear on the LCD Display, and the file names together with the amount of memory used by each file and the remaining amount of memory will be printed.

> PRINT ON/OFF KEY FOR STOP

PRINT ON/OFF

3 To stop printing a file name list mid-way, press the **PRINT ON/OFF** Key. Printing will stop, and the status of the unit will return to step 1.

Example:

File names	Amount of memory used by each file
LETTER1	1030 CHR.
REPORT-MAY	2445 CHR.
ADDRESS	194 CHR.
Remaining amount of memory	{ 4331 CHR. LEFT

- The memory is used to memorize the file names and format. The amount of memory used by a file is actually greater than the number of registered characters.

TEXT MEMORY

e. *Word Search and Replace*

You can search for specific words in the Text Memory with ease.
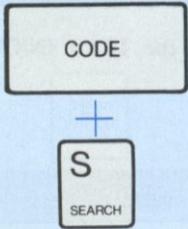
1 Press the **S** Key while pressing the **CODE** Key when editing text. The following message will appear on the LCD display.

CODE
+
S
SEARCH

`SEARCH WORD=_`

2 Enter the word or phrase to be found.
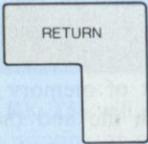
3 Press the **RETURN** Key. The search starts from the cursor position and the first found word is displayed.
- If the word is not found in the text, "NOT FOUND!!" appears and the cursor position remains unchanged.

RETURN

`NOT FOUND !!`

4 Each time you press the **N** Key while pressing the **CODE** Key, you can successively search for the same word.
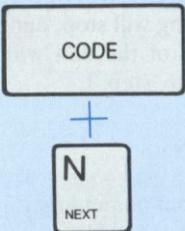
CODE
+
N
NEXT

5 To search for a different word, press the **S** Key while pressing the **CODE** Key, then enter the new word to be found.
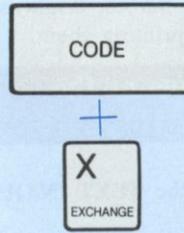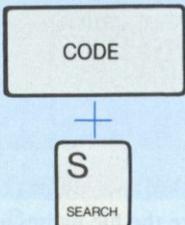
CODE
+
S
SEARCH

6 To exchange a word, use the previous procedure to find the word to be replaced.
When the word to be replaced is found, press the **X** Key while pressing the **CODE** Key.
At this point, message "REPLACE WORD=" will be displayed.

CODE
+
X
EXCHANGE
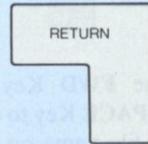
`REPLACE WORD=_`

7 Input the word which is to replace the "Searched word" and press the **RETURN** Key.
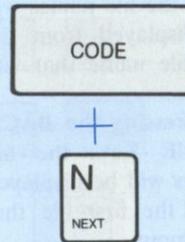
RETURN

8 If you wish to replace the next occurrence of the word, simply press the **N** Key while pressing the **CODE** Key to find it.
When the word has been found, press the **X** Key while pressing the **CODE** Key to replace it.

CODE
+
N
NEXT
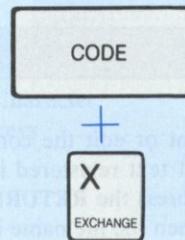
CODE
+
X
EXCHANGE

To input a return mark when searching for a word or inputting a word during a word replacing operation, press the **RETURN** Key while pressing the **CODE** Key.

f. *How to copy text to a new file*

This function allows you to copy a text to a new file name. This is useful when you wish to make changes to a text but also wish to keep the original contents of the text memorized.

TEXT IN/OUT	**1** Press the **TEXT IN/OUT** Key to put the unit into the Text Memory Mode. Then input the file name to be copied and press the **RETURN** Key to put the unit into the Text Edit Mode.

```
       TEXT MEMORY MODE
```

```
  FILE NAME  =  (FWD FOR LIST)
```

```
  FILE NAME  =LETTER1_
```

```
LETTER1▣◆▮May 5, 1986◁
```

COPY	**2** Press the **COPY** Key. The following message will appear on the LCD Display.

```
NEW FILE NAME=_
```

3 Input the new file name.

```
NEW FILE NAME=LETTER2_
```

RETURN	**4** Press the **RETURN** Key. The text will be copied to the next file, then the unit will leave the Text Mode.

```
       TEXT MEMORY MODE END
```

• If a text file with the same name as the new file already exists, the following message will appear on the LCD Display.

```
          ALREADY EXISTS
```

• If the **COPY** Key is inadvertently pressed, press it once again to cancel the key input.

g. *How to move, delete, or copy a block*

You can move, delete or copy a block of a text easily by using the **BLOCK** Key as follows.

TEXT IN/OUT	**1** Press the **TEXT IN/OUT** Key to put the unit into the Text Memory Mode. Then input the file name, and press the **RETURN** Key to put the unit into the Text Edit Mode.

```
       TEXT MEMORY MODE
```

```
  FILE NAME  =  (FWD FOR LIST)
```

```
  FILE NAME  =BLOCK_
```

```
BLOCK▣◆N̲ow is the time for all g
```

FWD ▼ / BACK SPACE ▲	**2** Using the **FWD** Key or **BACK SPACE** Key, move the cursor to the first character of the block which is to be moved, deleted or copied.

```
BLOCK▣◆Now is t̲he time for all g
```

BLOCK	**3** Press the **BLOCK** Key. The "▯" mark which indicates the beginning of the block will appear at the left of the cursor in the text displayed on the LCD Display.

```
BLOCK▣◆Now is ▯t̲he time for all
```

TEXT MEMORY

4 Using the **FWD** Key, move the cursor to the right of the last character of the block to be moved, deleted, or copied.

BLOCK▣◆Now is ▢the time for all

5 Press the **BLOCK** Key. The "▢" marker which indicates the end of the block, will appear to the left of the cursor in the text displayed on the LCD Display.

BLOCK▣◆Now is ▢the time ▢for all

6 Move the cursor to the position where the block is to be moved or copied.
● To delete the block, it is not necessary to move the cursor.

Now is ▢the time ▢for all good m

7 Press the **BLOCK** Key. The following message will appear on the LCD Display.

MOVE, DELETE OR COPY M/D/C ?

If the **BLOCK** Key was inadvertently pressed, press it once again to cancel the key input. The two Block marks which specify the block will remain.

8 To move, delete, or copy the block, press the **M** Key, the **D** Key, or the **C** Key.

● **Move**
M QUANTITY ...By pressing this key, the block will move to the new position.

BLOCK▣◆Now is for all the time g

● **Delete**
D ...The specified block will be deleted.

BLOCK▣◆Now is for all good men t

● **Copy**
C CENTER ...The block will be copied to the new position. (The original block will remain where it is.)

◁ is the time for all the time g

● To cancel a block specification, press the ⊗ Key to erase the block marks.
● When the Text Memory Mode is exited, the block marks will be cleared from the text.

h. *How to Clear Text*

TEXT IN/OUT

1 Press the **TEXT IN/OUT** Key and input the name of the file whose contents are to be cleared.

CODE

+

⊗ TEXT CLR
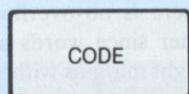
2 Press the **⊗** Key while pressing the **CODE** Key. The following message appears on the LCD Display. (Check whether the contents are to be cleared or not.)
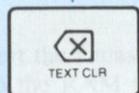
```
DELETE [LETTER1      ] Y/N ?
```

(Display applies when file "LETTER1" has been selected.)

Y

3 Press the **Y** Key to clear the text.
The previous text will be cleared, and the following message will appear on the LCD Display to indicate that preparations for inputting a new text have been completed.

```
FILE NAME = (FWD FOR LIST)
```

N NEXT

Press the **N** Key if you decide not to clear the text.

TEXT IN/OUT

4 Press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

```
TEXT MEMORY MODE END
```

i. *How to Change Line Format*

1 To store a new line format, first set the left and right margins, tabs and printing pitch with the TPWR Mode.

CODE

+
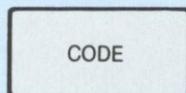
RELOC EXPRESS

2 Press the **RELOC • EXPRESS** Key while pressing the **CODE** Key in the Text Editing mode to move the cursor to the beginning of the text.

```
LETTER1⬛◆▮May 5, 1986↵
```
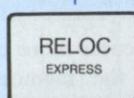
MAR REL

3 Press the **MAR REL** Key. The following message appears on the LCD Display.

```
CLEAR LINE FORMAT Y/N ?
```

(If the Line Format was not stored when the Text was originally entered, the following message will appear on the LCD Display.)

```
STORE NEW LINE FORMAT Y/N ?
```

Y

4 Press the **Y** Key. The following message appears on the LCD Display. (Press the **N** Key if you decide not to clear the line format.)

```
STORE NEW LINE FORMAT Y/N ?
```

Y

5 Press the **Y** Key. The new line format is stored. (Press the **N** Key if you decide not to store the line format.)

j. *Check of Remaining Memory*

CODE

+

M
QUANTITY

```
MEMORY 1234 CHR. LEFT
```

When the **M** Key is pressed while pressing the **CODE** Key in the Text Memory Mode, the amount of space left in the memory appears on the LCD Display.

If you try to enter more characters when the memory is already full, the following message will appear and at the same time the buzzer will sound. The characters you entered are not accepted.

```
MEMORY FULL !!
```

k. *Word-wrap*

Word-wrap is a function applying when text is entered or when phrases are inserted. It automatically shifts a word which has gone beyond the right margin to the beginning of the next line. When the end of the next line goes beyond the right margin because of this movement, the same operation is automatically performed and it continues until there is no overflow. This function makes editing easier since words are positioned between the left and right margins without being split.

Overflow portion

Left margin   Right margin

Inserted words

Moved to beginning of next line

Example:

Left margin   Space   Right margin

☐ INTERNATIONAL

INTERNATIONAL

By using the Panasonic RP-K008 RAM Card (optional), you can use the Text Memory more efficiently.

● Before installing or removing the RAM Card, be sure to turn OFF the **POWER** Switch.

a. *How to install the RAM Card*

Insert the Panasonic RP-K008 RAM Card (optional) into the RAM Card Slot with the Panasonic brand visible, as shown in the figure below.
Push it in until it locks with a "click".

• RAM Card Slot

• Panasonic RAM Card (RP-K008, optional)
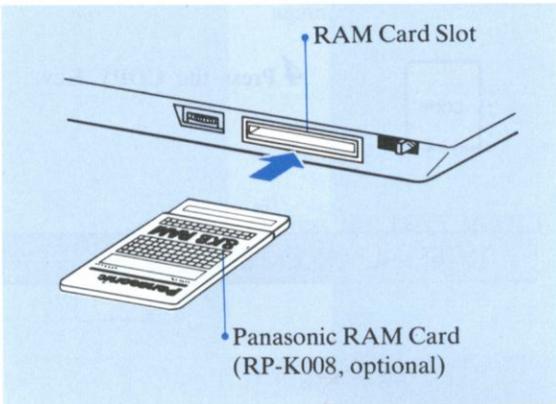
b. *How to remove the RAM Card*

Push the RAM Card Release Lever in the direction of the arrow until the lock releases, then remove the Panasonic RP-K008 RAM Card (optional).

RAM Card Release Lever

c. *How to use the RAM Card*
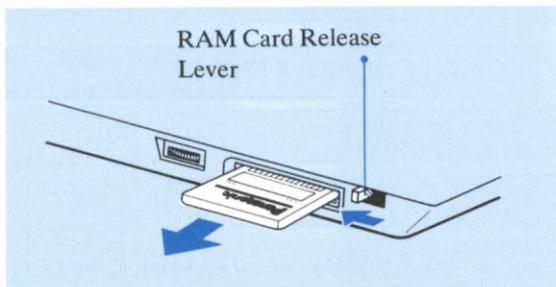
Use the RAM Card in the same way as described in 3-1 "TEXT MEMORY".
When using a RAM Card, before inputting the FILE NAME, select the Internal Memory or the External Memory (RAM Card).
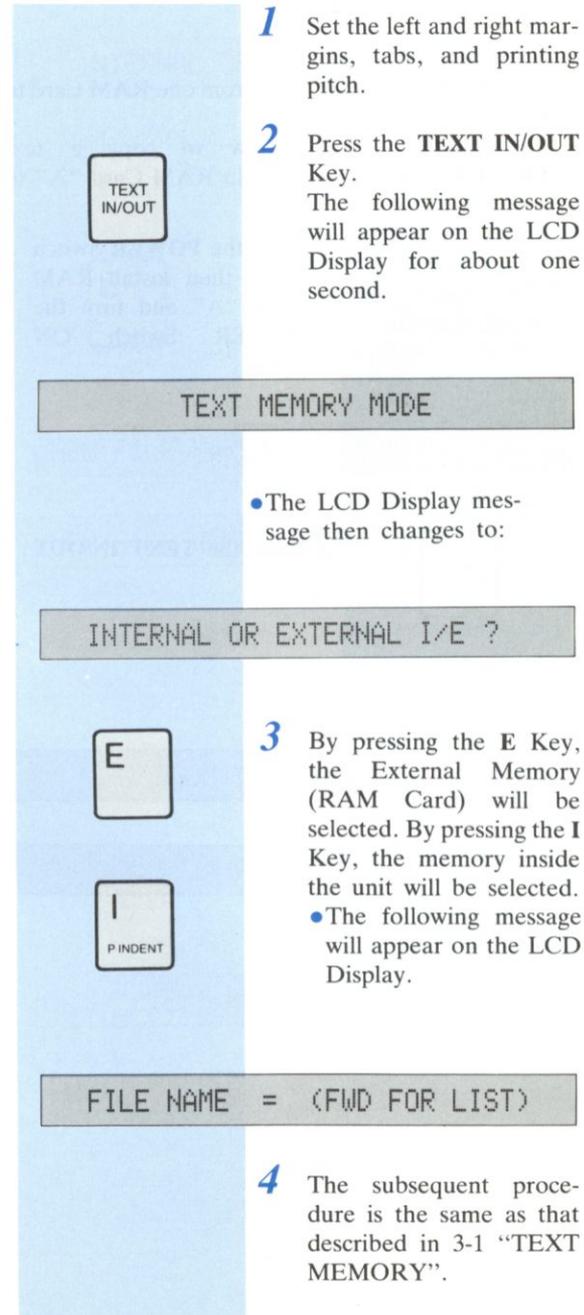
1 Set the left and right margins, tabs, and printing pitch.

2 Press the **TEXT IN/OUT** Key.
The following message will appear on the LCD Display for about one second.

TEXT IN/OUT

TEXT MEMORY MODE

● The LCD Display message then changes to:

INTERNAL OR EXTERNAL I/E ?

3 By pressing the **E** Key, the External Memory (RAM Card) will be selected. By pressing the **I** Key, the memory inside the unit will be selected.
● The following message will appear on the LCD Display.

E

I
P INDENT

FILE NAME = (FWD FOR LIST)

4 The subsequent procedure is the same as that described in 3-1 "TEXT MEMORY".

TEXT MEMORY

d. *How to copy text to a new file*

You can copy the contents of the Text memory in the unit to the Panasonic RP-K008 RAM Card (optional), or copy from the RAM Card to the memory in the unit.
Also, you can copy from one RAM Card to another.

An example of copying a text from one RAM Card to another is described below.
The example explains how to copy a text "LETTER1" which is stored in RAM Card "A" to RAM Card "B".

1 Turn the **POWER** Switch OFF, then install RAM Card "A" and turn the **POWER** Switch ON again.

2 Press the **TEXT IN/OUT** Key.

| TEXT IN/OUT |

```
        TEXT MEMORY MODE
```

```
    INTERNAL OR EXTERNAL I/E ?
```

3 Press the **E** Key to select External, then input the file name "LETTER1" and press the **RETURN** Key.

| E |

```
  FILE NAME  =  (FWD FOR LIST)
```

```
  FILE NAME  =LETTER1_
```

```
LETTER1▯♦▮May 5, 1986↵
```

4 Press the **COPY** Key.

| COPY |

```
  INTERNAL OR EXTERNAL I/E ?
```

5 Press the **I** Key to select Internal, then input file name "LETTER1" and press the **RETURN** Key.

| I / P INDENT |

```
  NEW FILE NAME=_
```

```
  NEW FILE NAME=LETTER1_
```

TEXT MEMORY

6 The file will be copied to the new file in the Text Memory of the unit, and the unit will exit the Text Memory Mode.

```
         TEXT MEMORY MODE END
```

7 Turn the **POWER** Switch OFF, remove RAM Card "A" and install RAM Card "B", then turn the **POWER** Switch ON again.

8 Press the **TEXT IN/OUT** Key.

```
TEXT
IN/OUT
```

```
          TEXT MEMORY MODE
```

```
 INTERNAL OR EXTERNAL I/E ?
```

9 Press the **I** Key to select Internal, then input the file name "LETTER1" and press the **RETURN** Key.

```
I
P INDENT
```

```
 FILE NAME  =  (FWD FOR LIST)
```

```
 FILE NAME  =LETTER1_
```

```
LETTER1▯◆▮May 5, 1986↵
```

10 Press the **COPY** Key.

```
COPY
```

```
 INTERNAL OR EXTERNAL I/E ?
```

11 Press the **E** Key to select External, then input the new file name "LETTER2" and press the **RETURN** Key.

```
E
```

```
 NEW FILE NAME=_
```

```
 NEW FILE NAME=LETTER2_
```

12 The text will be copied to the new file in RAM Card "B", then the unit will leave the Text Memory Mode.

```
         TEXT MEMORY MODE END
```

TEXT MEMORY

RAM CARD (OPTIONAL)

e. *How to initialize the RAM Card*

This is used to clear the entire memory contents of the RAM Card.

1 Install the RAM Card to be initialized and press the **TEXT IN/OUT** Key.

> TEXT MEMORY MODE

> INTERNAL OR EXTERNAL I/E ?

2 Press the **E** Key to select the External Memory (RAM Card).

> FILE NAME = (FWD FOR LIST)
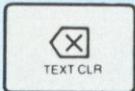
3 Press the ⊗ Key while pressing the **CODE** Key. The following message will appear on the LCD Display.

> INITIALIZE RAM CARD Y/N ?

4 Press the **Y** Key. The RAM Card will be initialized and the following message will appear on the LCD Display.

> COMPLETED ! !

> INTERNAL OR EXTERNAL I/E ?

- To interrupt initialization, press the **N** Key.

a. Procedure for entering text into file "LETTER1"

1 First make the following settings while observing the Pitch Scale.

- **Left margin** . . . . "10" position
- **Tab** . . . . "15" position
- **Right margin** . . . . "70" position

2 Press the **RETURN** Key.

3 Press the **TEXT IN/OUT** Key. The following message appears on the LCD Display.

```
        TEXT MEMORY MODE
```
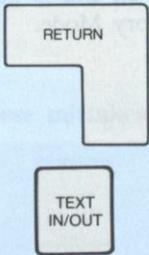
- The LCD Display message then changes to:

```
FILE NAME  =  (FWD FOR LIST)
```

4 Input the file name. Type "LETTER1".

- The following will appear on the LCD Display.

```
FILE NAME  =LETTER1_
```

5 Press the **RETURN** Key. The following message will appear on the LCD Display.

```
        NEW FILE  !!
```

```
STORE LINE FORMAT Y/N ?
```

6 Press the **Y** Key to store the line format.

```
                    LETTER1▣◆_
```

7 Input the following text including the mistakes in it.

- **1st line**
Press the **R** Key while pressing the **CODE** Key, then type "May 5, 1986" and press the **RETURN** (⏎) Key.

- **2nd line**
Press the **RETURN** Key.

- **3rd line**
Press the **C** Key while pressing the **CODE** Key, then press the xxx Key, type "RE: new...", then once again press the xxx Key, and press the **RETURN** Key.

- **4th line**
Press the **RETURN** Key.

- **5th line**
Type "Dear Mr. Allen," and press the **RETURN** Key.

- **6th line**
Press the **RETURN** Key.

- **7th and 8th line**
Press the **TAB** Key, then continue typing "Thank you...".

- The Word-wrap function will automatically move the last two words of the sentence to the 8th line. Do not press the **RETURN** Key at this time.

```
                         CODE + R  May 5, 1986  ⏎     1st
⏎                                                      2nd
CODE + C , XXX   RE:  new electronic typewriter product XXX ⏎   3rd
⏎                                                      4th
Dear Mr. Allen,  ⏎                                     5th
⏎                                                      6th
TAB Thank you very much for your xepressed interest in a   7th
Panasonic product.                                     8th
```
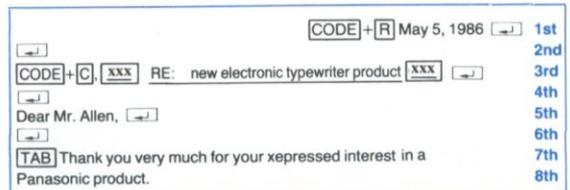
8 Upon completion of the text entry, press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

```
        TEXT MEMORY MODE END
```

TEXT MEMORY

b.   *Printing stored text*

Print out the contents of file "LETTER1".

1 Press the **TEXT IN/OUT** Key to enter the Text Memory Mode.

[TEXT IN/OUT]

```
        TEXT MEMORY MODE
```

● The LCD Display message then changes to:

```
FILE NAME  =  (FWD FOR LIST)
```

2 Input the file name. Type "LETTER1".

● The following will appear on the LCD Display.

```
FILE NAME  =LETTER1_
```

[RETURN]

3 Press the **RETURN** Key.

```
LETTER1▣◆▮May 5, 1986↵
```

4 Printing starts when the **PRINT ON/OFF** Key is pressed. (Printing starts from the cursor position.)

[PRINT ON/OFF]

```
        TEXT PRINTING
```

May 5, 1986

RE: new electronic typewriter product

Dear Mr. Allen,

Thank you very much for your xepressed interest in a Panasonic product.

Upon completion of the printing, an exit is made automatically from the Text Memory Mode.

c. *Editing text entered in file "LETTER1"*

The following 2 mistakes are contained in the text which was entered in file "LETTER1".

```
                                    May 5, 1986   1st
      rs                                          2nd
          RE:  new electronic typewriter product 3rd
                                                  4th
Dear Mr. Allen,                                   5th
                                                  6th
   Thank you very much for your depressed interest in a  7th
Panasonic product.                                8th
```
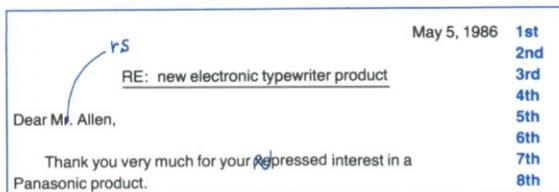
These mistakes will now be corrected.

1 Press the **TEXT IN/OUT** Key.

> TEXT MEMORY MODE

> •The LCD Display message then changes to:

> FILE NAME = (FWD FOR LIST)

2 Press the **FWD** Key.

> •The following will appear on the LCD Display.

> FILE NAME =LETTER1

> •By pressing the **FWD** Key in this way, there is no need to input the file names of texts that have been previously stored. This is convenient.
> If more than one text has been previously stored, press the **FWD** Key until the desired text name appears on the LCD Display.
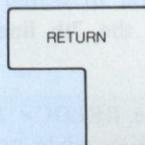
3 Press the **RETURN** Key. The unit will enter the Text Edit Mode.

> LETTER1▯◆▶May 5, 1986↵
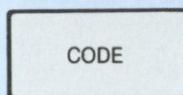
4 Move the cursor in order to correct the first mistake (in the 5th line.), "Mr." to "Mrs.".
First, while pressing the **CODE** Key, press the **FWD** Key four times. The fifth line now appears on the LCD Display.

> Dear Mr. Allen,↵

5 Press the **FWD** Key 7 times to move the cursor below the period " . ".

> Dear Mr_ Allen,↵

6 When the **S** Key is pressed, "s" is inserted in the position to the left of the cursor.

> Dear Mrs_ Allen,↵

TEXT MEMORY

EXAMPLES OF USE

d. *Searching for words in the text*

Next, use the word search function to search for mistakes. Change "xepressed" in the 7th line to "expressed".

1 Press the **RELOC• EX-PRESS** Key while pressing the **CODE** Key to bring the cursor to the beginning of the text.

CODE

+

RELOC
EXPRESS

```
LETTER1B◆▶May 5, 1986◢
```

2 Press the **S** Key while pressing the **CODE** Key.

CODE

+

S
SEARCH
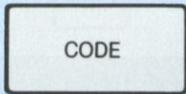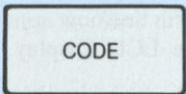
```
SEARCH WORD=_
```

3 Since "xepressed" is to be found, enter this word.

```
SEARCH WORD=xepressed_
```

4 Press the **RETURN** Key. Word search begins and the word to be found appears on the LCD Display.

RETURN

```
◀ou very much for your xepressed
```

5 Press the **BACK SPACE** Key to move the cursor below the "e" in "xepressed".

BACK
SPACE
▲

```
→Thank you very much for your xe
```
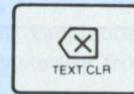
6 Press the ⊗ Key twice to delete "xe".

⊗
TEXT CLR

```
→Thank you very much for your_pr
```

7 Press the **FWD** Key once to move the cursor to below the "p".

FWD
▼

```
→Thank you very much for your pr
```

8 Press the **E** Key to insert "e" and again press the **X** Key to insert "x".

E

X
EXCHANGE

```
◀hank you very much for your exp
```

50

e. *Replacing Words*

Next, using the Word Search and Replace functions, replace the word "product" on the 3rd and 8th lines with "RK-T55".

May 5, 1986	**1st**
	2nd
RE: new electronic typewriter product	**3rd**
	4th
Dear Mrs. Allen,	**5th**
	6th
Thank you very much for your expressed interest in a	**7th**
Panasonic product.	**8th**

3 Since "product" is the word to be found, enter this word.

```
SEARCH WORD=product_
```

4 Press the **RETURN** Key. Word search begins and the word to be found appears on the LCD Display.

RETURN

```
4w electronic typewriter product
```

1 Press the **RELOC• EXPRESS** Key while pressing the **CODE** Key and move the cursor to the beginning of the text.

CODE + RELOC EXPRESS

```
LETTER1◘◆|May 5, 1986↵
```

2 Press the **S** Key while pressing the **CODE** Key.

CODE + S SEARCH

```
SEARCH WORD=_
```

5 Press the **X** Key while pressing the **CODE** Key.

CODE + X EXCHANGE

```
REPLACE WORD=_
```

6 Input "RK-T55".

```
REPLACE WORD=RK-T55_
```

EXAMPLES OF USE

7 Press the **RETURN** Key. (The word "product" on the 3rd line has now been replaced by "RK-T55".)

```
ᴺew electronic typewriter RK-T55
```
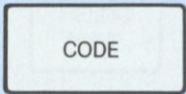
8 Press the **N** Key while pressing the **CODE** Key to search for the next occurence of the word "product".

CODE

+

N
NEXT

```
Panasonic product.
```
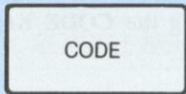
9 Press the **X** Key while pressing the **CODE** Key. (The word "product" on the 8th line will be automatically replaced by "RK-T55".)

CODE

+

X
EXCHANGE

```
Panasonic RK-T55.
```

10 This completes the corrections. Press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

TEXT
IN/OUT

```
TEXT MEMORY MODE END
```

f. *Adding text*

Additional text may be entered with the text in file "LETTER1".

1 Press the **TEXT IN/OUT** Key to enter the Text Memory Mode.

| TEXT IN/OUT |

```
        TEXT MEMORY MODE
```

●The LCD Display message then changes to:

```
FILE NAME  =  (FWD FOR LIST)
```

2 Press the **FWD** Key.

| FWD ▼ |

●The following will appear on the LCD Display.

```
FILE NAME   =LETTER1
```
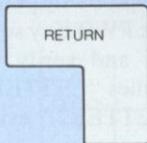
3 Press the **RETURN** Key.

| RETURN |

```
LETTER1▛◆▌May 5, 1986↵
```

4 When the **RELOC** Key is pressed, the cursor moves to the end of the text and the words at the end of the last line appear on the LCD Display.

| RELOC EXPRESS |

```
Panasonic RK-T55._
```
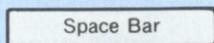
5 Press the **Space** Bar twice and enter the following text.

| Space Bar |

In your letter you stated that you prefer a typewriter that is lightweight and portable, yet offers many features. We believe the RK-T55 is the right choice.
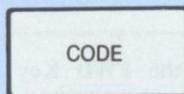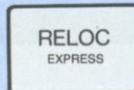
6 Press the **RELOC • EXPRESS** Key while pressing the **CODE** Key, this will move the cursor to the beginning of the text, then press the **PRINT ON/OFF** Key to start printing.

| CODE |
| + |
| RELOC EXPRESS |
| PRINT ON/OFF |

May 5, 1986

RE: new electronic typewriter RK-T55

Dear Mrs. Allen,

Thank you very much for your expressed interest in a Panasonic RK-T55.   In your letter you stated that you prefer a typewriter that is lightweight and portable, yet offers many features. We believe the RK-T55 is the right choice.

TEXT MEMORY

EXAMPLES OF USE

g. Copying a text

An example of copying the text "LETTER1" to a new file called "LETTER2" is described below.

1 Press the **TEXT IN/OUT** Key to enter the Text Memory Mode.

```
        TEXT MEMORY MODE
```
```
 FILE NAME  =  (FWD FOR LIST)
```

2 Press the **FWD** Key to display "LETTER1" on the LCD Display.

```
 FILE NAME  =LETTER1
```

3 Press the **RETURN** Key.

```
LETTER1▯◆▮May 5, 1986↵
```

4 Press the **COPY** Key.

```
 NEW FILE NAME=_
```

5 Input "LETTER2" as the new file name.

```
 NEW FILE NAME=LETTER2_
```
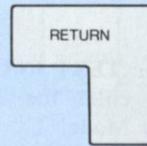
6 Press the **RETURN** Key. The contents of the file "LETTER1" will be copied to the file "LETTER2", then the unit will exit the Text Memory Mode.

```
      TEXT MEMORY MODE END
```

7 To verify that the file has been copied, press the **TEXT IN/OUT** Key once again.

```
        TEXT MEMORY MODE
```
```
 FILE NAME  =  (FWD FOR LIST)
```

8 By pressing the **FWD** Key, the file name "LETTER2" will be displayed. Press the **FWD** Key several times and verify that both of files "LETTER1" and "LETTER2" exist.

```
 FILE NAME  =LETTER2_
```
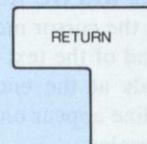
9 When the file name "LETTER2" is displayed, press the **RETURN** Key to put the printer into the Text Edit Mode. Verify that the contents of "LETTER2" are the same as those of "LETTER1".

```
LETTER2▯◆▮May 5, 1986↵
```

h. *Moving a block*

The following example will move the contents of lines 3 and 4 to the place between lines 6 and 7.

May 5, 1986	**1st**
	2nd
RE: new electronic typewriter product	**3rd**
	4th
Dear Mrs. Allen,	**5th**
	6th
Thank you very much for your expressed interest in a	**7th**
Panasonic product.	**8th**
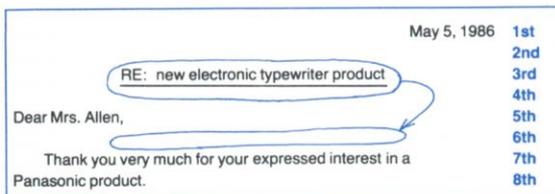
CODE
+
FWD ▼

CODE
+
BACK SPACE ▲

1 Prepare the text stored in file name "LETTER1" for editing, then move the cursor to the beginning of the third line of the text. (Either press the **FWD** Key while pressing the **CODE** Key or press the **BACK SPACE** Key while pressing the **CODE** Key.)

`≙⌊RE: new electronic typewriter`

BLOCK

2 Press the **BLOCK** Key to insert the mark which indicates the beginning of the block.

`□≙⌊RE: new electronic typewriter`

CODE
+
FWD ▼

3 Press the **FWD** Key twice while pressing the **CODE** Key, to move the cursor to line 5.

`Dear Mrs. Allen, ↵`

BLOCK

4 Press the **BLOCK** Key to insert the mark which indicates the end of the block. As a result of this procedure, lines 3 and 4 will be marked as one block.

`□Dear Mrs. Allen, ↵`

CODE
+
FWD ▼

5 Press the **FWD** Key twice while pressing the **CODE** Key, so as to move the cursor to the beginning of line 7.

`≑Thank you very much for your ex`

BLOCK

6 Press the **BLOCK** Key. The following message will appear on the LCD Display.

`MOVE, DELETE OR COPY  M/D/C ?`

M QUANTITY

7 Press the **M** Key to move the block. As a result of this operation, the block consisting of lines 3 and 4 will be moved to the place between lines 6 and 7.

`≑Thank you very much for your ex`

CODE
+
RELOC EXPRESS

8 Press the **RELOC • EXPRESS** Key while pressing the **CODE** Key to move the cursor to the beginning of the text, then pressing the **PRINT ON/OFF** Key to print the text.

i. *Deleting stored text*

Delete text which has been entered in file "LETTER1".

1 Press the **TEXT IN/OUT** Key.

| TEXT IN/OUT |

```
TEXT MEMORY MODE
```

```
FILE NAME  =  (FWD FOR LIST)
```

2 Press the **FWD** Key.
- The following will appear on the LCD Display.

| FWD ▼ |

```
FILE NAME  =LETTER1
```

3 Press the **RETURN** Key.

| RETURN |

```
LETTER1▯♦▮May 5, 1986◁
```
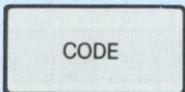
4 Press the ⨯ Key while pressing the **CODE** Key.

| CODE |

+

| ⨯ TEXT CLR |
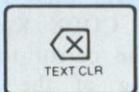
```
DELETE [LETTER1      ] Y/N ?
```

5 When the **Y** Key is pressed, all the text in file "LETTER1" is deleted, and the following message will appear on the LCD Display to indicate that preparations for inputting a new text have been completed.

| Y |

```
FILE NAME  =  (FWD FOR LIST)
```

- When the **N** Key is pressed, text in file "LETTER1" is not deleted.

| N NEXT |

6 Press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

| TEXT IN/OUT |

```
TEXT MEMORY MODE END
```

TEXT MEMORY

4 SPELL VERIFY

●Accu-Spell™ is a trademark of Spell Verify Function in U.S.A.

●The spelling programs have been jointly developed by Panasonic Company and HMCo, based upon materials owned, developed, and copyrighted by Houghton Mifflin Company, Boston, Massachusetts, U.S.A. Reproduction or disassembly of embodied computer programs or algorithms prohibited.
Based upon The American Heritage Dictionary.

SPELL VERIFY

4   SPELL VERIFY

When you misspell a word, the Spell Verify Function informs you by means of an indication on the LCD Display and a buzzer. The words that you type are checked by the main dictionary, which contains about 86000 words, and also the user's dictionary.

You can register about 300 words in the user's dictionary. These words can be deleted and changed. Also, a list of the registered words can be printed or displayed.

●The following keys are used as Spell Verify Function keys.

SPELL VERIFY

LIST   DELETE   ADD   ON/OFF

●**Spell Verify Indicator**
This indicator lights when the **Spell Verify ON/OFF** Key is pressed, indicating that the Spell Verify Function is activated.

List Key (LIST)●
This key is used to list the words registered in the user's dictionary.

Refer to page 62.

Delete Key (DELETE)●
This key is used to delete words from the user's dictionary.

Refer to page 61.

●**Spell Verify ON/ OFF Key (ON/OFF)**
This key is used to activate or deactivate the Spell Verify Function.

●**Add Key (ADD)**
This key is used to register words in the user's dictionary.

Refer to page 60.

CODE + F FIND ...Use this operation to check the spelling of an entire text file.

a.   *Turning Spell Verify Function ON/OFF*

ON/OFF

When you press the **Spell Verify ON/OFF** Key, the Spell Verify Indicator will light, and the Spell Verify Function will be activated.
By pressing the **Spell Verify ON/OFF** Key once again, the Spell Verify Indicator will go out, indicating that the Spell Verify Function has been deactivated.

Spell verify operates when you make an input from your keyboard.
It does not work during External Mode or Text Printing.

b. *Spell Verify Operation*

1 While the Spell Verify Function is activated, input words from the keyboard as usual.

2 When you end a word (by pressing the **Space** Bar or **RETURN** Key, etc.), it will be checked.
- If the word is not contained in either the main dictionary or the user's dictionary, the typewriter will judge it to be a misspelled word, the buzzer will sound, and the word will flash on the LCD Display.
- If the word is found in either the main dictionary or the user's dictionary, the buzzer will not sound and the LCD Display will remain unchanged.
- If the **RETURN** Key is pressed immediately after typing a misspelled word, the buzzer will sound but the word will not flash on the LCD Display.

3 Correct the misspelled word.
The corrected word will also be checked.

Word Endings

Spell Verify checks a word when it has been completed. The typewriter judges that a word has been completed when you perform one of the following operations:
—When you press the **Space** Bar after a word
—When you press the **RETURN** Key
—When you press a function key to move the carriage or cursor (TAB, FWD, etc.)
—When you perform Right Margin Flush or Centering

- When you press the **RETURN** Key following a hyphen at the end of a line, the word will be connected to the beginning of the next line, and will be spell-verified as a single word.

Spell Verify Function checks spelling according to the following rules.

- Numbers and symbols are also treated as part of a word. For example, "etc" is treated as a mistake, while "etc." is judged correct.

- Symbols before and after a word such as " (quotation mark) and ? (question mark) are first removed from the word before it is spell-verified.
For example, "Hello!!" is judged correct, but "Hallo!!" is judged incorrect.

- Some punctuation errors are detected. For example "word:)" is judged as an error and the buzzer will sound.

- A word consisting of several words joined by hyphens, such as "mother-in-law", is spell-verified as a single compound word.

- Spell verification takes into account the difference between capital letters and small letters. If you type [spell, Spell, SPELL] all of these words will be judged correct. This is because when a word is at the beginning of a sentence, it starts with a capital letter, while if it is part of a title it consists entirely of capital letters. If, however, you type [SPell], it will be judged incorrect.

- In the case of words which always begin with a capital letter, such as America, both "America" and "AMERICA" will be judged correct, however "america" will be judged incorrect.

Sometimes the buzzer will sound even if you type a correct word.
The reason for this is because the word is not in the main dictionary.
If the word is one which you use only very occasionally, you can ignore the buzzer and continue typing. If you use the word fairly frequently, it is a good idea to register it in the user's dictionary.

SPELL VERIFY

c. *How to verify the spelling of an entire text file*

1 While the Spell Verify Function is activated, press the **TEXT ON/OFF** Key, input the file number to be verified, and press the **RETURN** Key.

2 Move the cursor to the position where you wish to start the check.

3 Press the **F** Key while pressing the **CODE** Key.

4 Each word in the text will be verified from the cursor position sequentially to the end of the text.

```
                VERIFYING
```

5 If a word that is not in the dictionary is found, spell verification will be interrupted, the buzzer will sound, and the word will appear as a flashing indication on the LCD Display.

6 Correct the misspelled word.

7 To continue spell verification, press the **F** Key while pressing the **CODE** Key again.

8 If no misspelled words are found in any part of the text, the following message will appear on the LCD Display, and the cursor position remains unchanged.

```
                VERIFIED
```

d. *How to ADD words to the user's dictionary*

1 Input the word to be registered, from the keyboard.

2 Press the **ADD** Key.

3 The word will be registered in the user's memory, and the following message will appear on the LCD Display.
(Example: If you added the word "Accu-Spell")

```
ADDED: Accu-Spell
```

- You can register a word by pressing the **ADD** Key immediately after the check.
- You can also register a word by first moving the carriage or cursor to the desired words, then pressing the **ADD** Key.
- You can also register words which include numbers and symbols.
  But at least two alphabet characters should be included for registration. Otherwise, the following message will appear on the LCD Display.

```
            NOT ACCEPTED
```

- If there is no room in the user's dictionary memory to register the word, the buzzer will sound and the following message will appear on the LCD Display. In this case, you must first delete a word or words already registered in order to register the new words.

```
        USER DICTIONARY FULL
```

- If the word which you wish to register is already registered in the main dictionary or user's dictionary, the following message will appear on the LCD Display.

```
          ALREADY EXISTS
```

- The maximum length of a word which can be added is 30 characters.
  If you attempt to add a word which has 31 or more characters, the following message will appear on the LCD Display.

```
            WORD TOO LONG
```

e. *How to delete words from the user's dictionary*

1   Input the word to be deleted, from the keyboard.

2   Press the **DELETE** Key.

3   The word will be deleted from the user's diction-
ary, and the following message will appear on the
LCD Display.
(Example: When you deleted "Accu-Spell")

```
DELETED: Accu-Spell
```

●You can delete a word by pressing the **DELETE**
Key immediately after the check.
●You can delete a word by first moving the carriage
or cursor to perform a check, then immediately
after the check, press the **DELETE** Key.
●If the word which you wish to delete from the main
dictionary or the user's dictionary cannot be found,
the following message will appear on the LCD
Display.

```
NOT FOUND!!
```

●If you attempt to delete a word from the main
dictionary, the following message will appear on the
LCD Display.

```
CAN NOT DELETE
```

●While displaying a list of the registered words, you
can delete a displayed word by pressing the **DE-
LETE** Key.

SPELL VERIFY
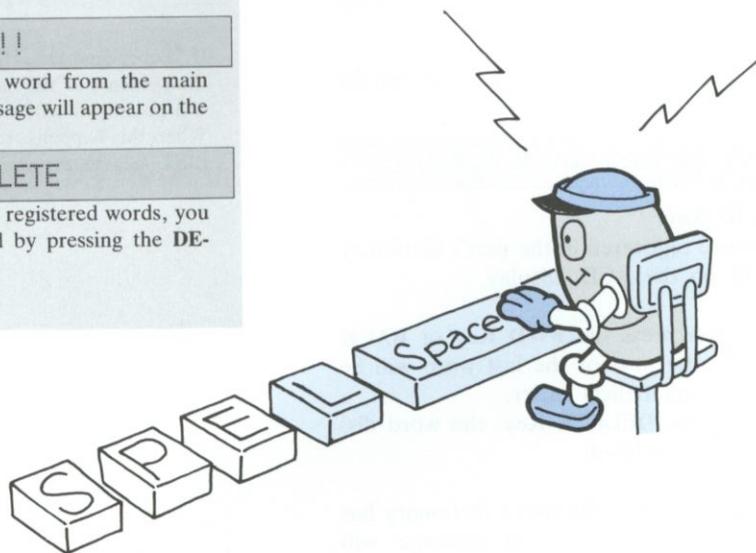
f. How to list the words in the user's dictionary

How to print the contents of the user's dictionary

1 Set the space between the left and right margins to 61 spaces or more.

2 Press the **LIST** Key.
The following message will appear on the LCD Display.

```
PRINT OR DISPLAY P/D ?
```

3 Press the **P** Key.
The following message will appear on the LCD Display, then the words registered in the user's dictionary will be printed in alphabetical order.

```
LIST MODE
```

4 Upon completion of listing, the following message will appear on the LCD Display.

```
LIST MODE END
```

How to display the contents of the user's dictionary on the LCD Display

1 Press the **LIST** Key.
The following message will appear out on the LCD Display.

```
PRINT OR DISPLAY P/D ?
```

2 Press the **D** Key.
The first word registered in the user's dictionary will appear on the LCD Display.

3 Each time you press the **FWD** Key or **BACK SPACE** Key, the next or the last word will be displayed in alphabetical order.
By pressing the **DELETE** Key, the word displayed will be deleted.

4 After the last word in the user's dictionary has been displayed, the following message will appear on the LCD Display.

```
LIST MODE END
```

How to temporarily halt printing the words in the user's dictionary

1 During printing, press the **LIST** Key.

2 After the present line has been printed, printing will temporarily stop.

3 By pressing the **LIST** Key once again, printing will resume.

How to exit the List Mode (printing/display)

1 While in the List Mode, press the **Spell Verify ON/OFF** Key.

2 The Spell Verify Function will be deactivated, and the Spell Verify Indicator will go out.

3 By pressing the **Spell Verify ON/OFF** Key once again, the Spell Verify Function will be reactivated.

If "Paper-End Detection" is activated while printing the contents of the user's dictionary, the typewriter will go into a halt status.
When this happens, replace the paper and press the **LIST** Key to resume printing.

SPELL VERIFY

Chapter 5

5 PRINTER

5 USE AS A PRINTER

This unit can be used as a printer to print data from a computer that is equipped with a parallel (Centronics) Interface.

a. *Connection to a Computer*

Computer

Centronics Cable
MC0050-5IDE CORP

Panasonic
RK-T55
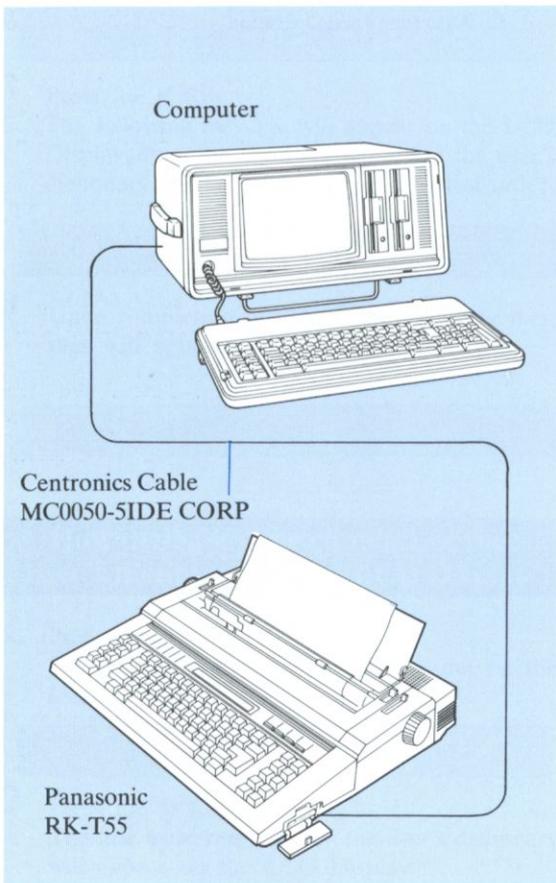
b. *Operation*

1 Press the **EXT** Key.

```
EXTERNAL MODE :   ON LINE
```

2 Start to transmit data from the computer.

3 To stop printing temporarily, press the **PRINT ON/OFF** Key on the RK-T55.

```
EXTERNAL MODE : OFF LINE
```

4 To start printing again, press the **PRINT ON/OFF** Key.

5 To return to the regular typewriter, press the **EXT** Key again.

●Switch off the power before proceeding with the connections.
●Turn on the unit's power before starting to transmit data from the computer.
●When data is received from a computer, the typewriter prints bi-directionally.

c. *Data Types*

Printing Codes

Input data from a computer is converted into the following characters and symbols.

Lower \ Upper	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0			Space	0	@	P	`	p			ß	¨	Ú	ù		
1			!	1	A	Q	a	q			½	Ä	á	^		
2			"	2	B	R	b	r			¼	Ë	é	Â		
3			#	3	C	S	c	s				Ï	í	Ê		
4			$	4	D	T	d	t				Ö	ó	Î		
5			%	5	E	U	e	u				Ü	ú	Ô		ñ
6			&	6	F	V	f	v				ä	`	Û		
7			'	7	G	W	g	w				ë	À	â		
8		BS	(	8	H	X	h	x			ç	ï	È	ê		
9		HT	)	9	I	Y	i	y				ö	Ì	î		~
A		LF	*	:	J	Z	j	z			¡	ü	Ò	ô		Ã
B		ESC	+	;	K	Space	k	Space			¿	´	Ù	û		Õ
C			,	Space	L	Space	1	Space			¢	Á	à			Ñ
D		CR	−	=	M	Space	m	Space			£	É	è			ā
E			.	Space	N	^	n	~				Í	ì			õ
F			/	?	O	−	o					Ó	ò			

● For the five types of accent symbols (Codes, B0H, BBH, C6H, D1H, F9H), the carriage respectively stops at the printing position and moves after printing the next character.

PRINTER

d. *Parallel Interface*

Table of Connector Signals

Number of Terminal	Name of Signal	Number of Terminal	Name of Signal
1	DATA STROBE	19	TWISTED PAIR GND
2	DATA 1	20	TWISTED PAIR GND
3	DATA 2	21	TWISTED PAIR GND
4	DATA 3	22	TWISTED PAIR GND
5	DATA 4	23	TWISTED PAIR GND
6	DATA 5	24	TWISTED PAIR GND
7	DATA 6	25	TWISTED PAIR GND
8	DATA 7	26	TWISTED PAIR GND
9	DATA 8	27	TWISTED PAIR GND
10	ACK	28	TWISTED PAIR GND
11	BUSY	29	TWISTED PAIR GND
12	0 V	30	0 V
13	5 V	31	NC
14	NC	32	5 V
15	NC	33	0 V
16	0 V	34	NC
17	0 V	35	NC
18	NC	36	NC

18   1

36   19
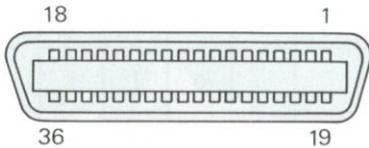
Centronics Connector

Timing Chart

BUSY

ACK

12 μs

DATA
STROBE

1 μ 1 μ 1 μ
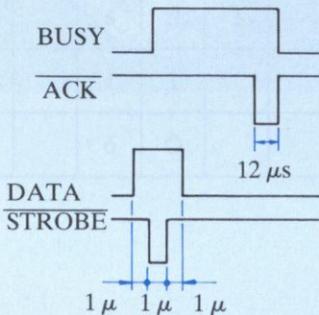
e. *Control Codes*

Symbol	Code	Operation
BS	08H	Back Space
HT	09H	Tabulation
LF	0AH	Line Feed
CR	0DH	Carriage Return
ESC	1BH	Special functions in combination with the following code

Expansion Functions

```
ESC+"E"  ....... (1BH+45H) ....... Bold ON
ESC+"F"  ....... (1BH+46H) ....... Bold OFF
ESC+"G"  ....... (1BH+47H) ....... Bold ON
ESC+"H"  ....... (1BH+48H) ....... Bold OFF
ESC+"−"+00H .. (1BH+2DH+00H) .. Underline OFF
ESC+"−"+01H .. (1BH+2DH+01H) .. Underline ON
ESC+"−"+"0"  .. (1BH+2DH+30H) .. Underline OFF
ESC+"−"+"1"  .. (1BH+2DH+31H) .. Underline ON
```

f. *Auto Line Feed Operation*

Automatic Line Feed can be selected by setting the Carriage Return Mode as shown below.
- "AUTO" ON .... Auto Line Feed ON
- "AUTO" OFF .... Auto Line Feed OFF

Code	Auto Line Feed ON	Auto Line Feed OFF
CR	Carriage Return, Line Feed	Carriage Return
LF	Carriage Return, Line Feed	Line Feed
CR+LF	Carriage Return, Line Feed	Carriage Return, Line Feed
LF+CR	Carriage Return, Line Feed	Carriage Return, Line Feed

PRINTER

6 APPENDIX

6-1 CAUTIONS

a. *Power Supply*

Always grasp the plug when inserting into, or removing it from the AC Socket.
Never pull on the cord.

- Do not connect or disconnect with wet hands.
- Under no circumstances should the cord be pulled, twisted or extended.
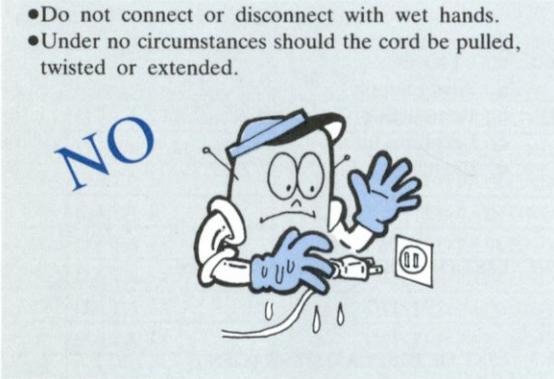
b. *Remodeling, Contact, etc.*

Remodeling will cause breakdowns or failures.

- Electric shocks or other failures may occur if any of the inside parts are touched or if clips or other metal objects are inserted into the unit.
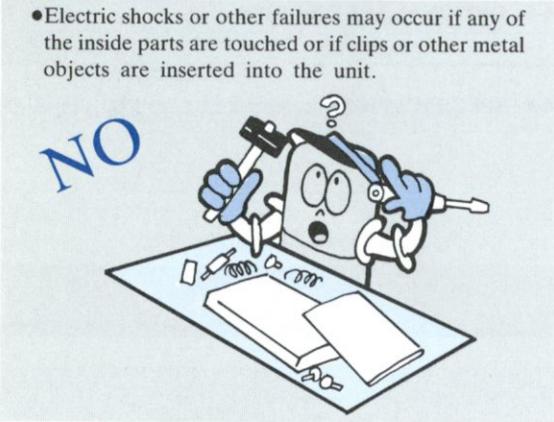
Do not place containers with water on top of the unit.

- This may cause a fire or electric shocks.
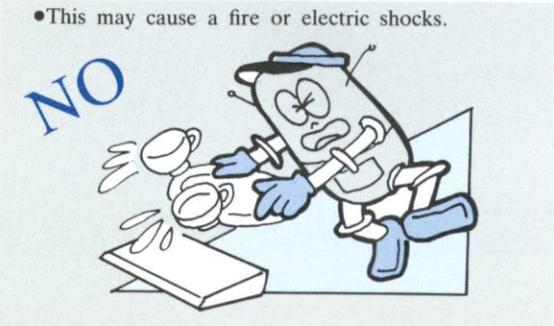
c. *Locations for use*

Do not use the unit in locations exposed to heavy dust or violent vibration.

- Avoid using the unit in locations exposed to direct sunlight or to high temperature or humidity levels.
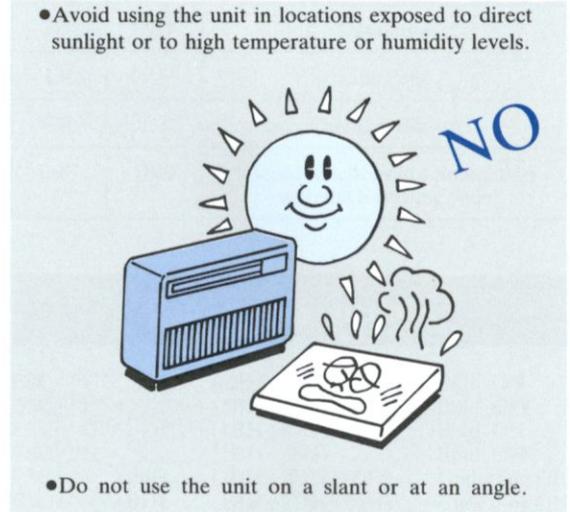
- Do not use the unit on a slant or at an angle.

d. *Cleaning*

Clean the case with a dry cloth. If badly stained, dip a cloth into water mixed with a small amount of detergent and remove the stains. Then wipe dry with a clean, dry cloth.

- Using Benzine, Thinners, Alcohol and Chemically treated cloth for cleaning or using Insecticide sprays near the unit may deform or discolor the unit.

Chemically treated cloth

APPENDIX

CODE + **C** (CENTER)	Centering *Refer to page 29.*
CODE + **F** (FIND)	Check entire text memorized in text memory *Refer to page 60.*
CODE + **H** (HALF SP)	Half Space *Refer to page 28.*
CODE + **I** (P INDENT)	Paragraph Indent *Refer to page 32.*
CODE + **M** (QUANTITY)	Remaining amount of text memory indicated *Refer to page 42.*
CODE + **N** (NEXT)	Sequential Word Search *Refer to page 38.*
CODE + **P** (STOP)	Stop Code *Refer to page 36.*
CODE + **R** (RMF)	Right Margin Flush *Refer to page 30.*
CODE + **S** (SEARCH)	Word Search *Refer to page 38.*
CODE + **T** (IMPRESS)	Typing Impression Control *Refer to page 32.*
CODE + **X** (EXCHANGE)	Replace word *Refer to page 38.*
CODE + **−**	Permanent Hyphen *Refer to page 27.*
CODE + **⊗** (TEXT CLR)	Text Clear and RAM Card All Clear *Refer to pages 41, 46*
CODE + **Space Bar**	Permanent Space *Refer to page 27.*
CODE + **TAB CLR**	Clearing all tabs *Refer to page 20.*
CODE + **RELOC** (EXPRESS)	Express backspace *Refer to pages 21 and 36.*
CODE + **TAB** (D TAB)	Decimal Tab *Refer to page 31.*
CODE + **FWD** ▼	Cursor moves to next line (Text Memory Mode) *Refer to page 36.*
CODE + **BACK SPACE** ▲	Cursor moves to previous line (Text Memory Mode) *Refer to page 36.*
CODE + **RETURN**	Used to enter return mark with Word Search input *Refer to page 38.*

6-3 LIST OF DISPLAY MESSAGES

ADDED:	...A word was registered in the user's dictionary .... *Refer to page 60.*

ALREADY EXISTS	...A word is already registered in the main dictionary or the user's dictionary .... *Refer to page 60.*

CAN NOT DELETE	...An attempt was made to delete a word from the main dictionary .... *Refer to page 61.*

CLEAR LINE FORMAT Y/N ?	...Confirmation of the new format cleared .... *Refer to page 41.*

COMPLETED !!	...Initialization of the RAM Card has been completed .... *Refer to page 46.*

DECIMAL TAB	...Decimal tab .... *Refer to page 31.*

DELETE [ ] Y/N ?	...Confirmation of Text Cleared .... *Refer to page 41.*

DELETED:	...A word was deleted from the user's dictionary .... *Refer to page 61.*

EXTERNAL MODE : OFF LINE	...External mode (off line) .... *Refer to page 64.*

EXTERNAL MODE : ON LINE	...External mode (on line) .... *Refer to page 64.*

FILE NAME = (FWD FOR LIST)	...File name input .... *Refer to pages 34 to 56.*

INITIALIZE RAM CARD Y/N ?	...Check whether or not the RAM Card has been initialized .... *Refer to pages 43 to 46.*

INTERNAL OR EXTERNAL I/E ?	...Decide whether to use the internal memory or external memory (RAM Card) .. *Refer to pages 43 to 46.*

LIST MODE	...The words registered in the user's dictionary are printed sequentially .... *Refer to page 62.*
LIST MODE END	...Listing is completed .... *Refer to page 62.*
MARGIN CENTERING	...Centering between margins .... *Refer to page 29.*
MEMORY 1234 CHR. LEFT	...Check of Remaining Memory .... *Refer to page 42.*
MEMORY FULL !	...No more text can be entered into memory .... *Refer to page 42.*
MOVE, DELETE OR COPY M/D/C ?	...Decide whether to move, delete, or copy the text .... *Refer to page 40.*
NEW FILE !!	...Edit the new file............... *Refer to pages 34 to 56.*
NEW FILE NAME=_	...Input the file name when copying a file .... *Refer to pages 34 to 56.*
NO FILE !	...There is no file
NOT ACCEPTED	...A word is not accepted in the user's dictionary .... *Refer to page 60.*
NO TEXT DATA	...There is no text for printing or deleting
NOT FOUND !!	...Word or phrase searched for is not found. This message also appears when a word to be deleted from the user's dictionary is not found .... *Refer to pages 38, 61.*
PAPER END !!	...Paper-End is detected .... *Refer to page 15.*
PARAGRAPH INDENT OFF	...The Paragraph Indent mode is cancelled .. *Refer to page 32.*

LIST OF DISPLAY MESSAGES

PARAGRAPH INDENT ON	...The Paragraph Indent mode is accepted .. *Refer to page 32.*
PRINT OR DISPLAY P/D ?	...Specify whether the contents in the user's dictionary are to be printed or displayed on the LCD Display .... *Refer to page 62.*
PRINT ON/OFF KEY FOR STOP	...File name printing .... *Refer to page 37.*
REPLACE WORD=_	...Input the word which is to replace the searched word .... *Refer to page 38.*
RIGHT MARGIN FLUSH	...Right margin flush .... *Refer to page 30.*
SEARCH WORD=_	...Input the word or phrase to be searched for .... *Refer to page 38.*
◙ STOP CODE	...Stop Code .... *Refer to page 36.*
STORE LINE FORMAT Y/N ?	...Specify whether or not the registered line format is to be memorized .. *Refer to pages 34 to 56.*
STORE NEW LINE FORMAT Y/N ?	...Confirmation of the registered line format memorized .... *Refer to page 41.*
TAB CENTERING	...Centering between tabs .... *Refer to page 29.*
TEXT MEMORY MODE	...Text Memory Mode has been entered .... *Refer to pages 34 to 56.*
TEXT MEMORY MODE END	...Text Memory Mode has been exited .... *Refer to pages 35 to 56.*
TEXT PRINTING	...Text printing .... *Refer to pages 35 to 56.*
TOO MANY FILES !	...No more files can be registered .... *Refer to pages 35 to 56.*
TYPING IMPRESSION : LEVEL 3	...Typing impression is changed .... *Refer to page 32.*
USER DICTIONARY FULL	...The user's dictionary is full and no more words can be registered in it ...... *Refer to page 60.*
VERIFIED	...An entire text file in the text memory has been spell verified .... *Refer to page 60.*
VERIFYING	...An entire text file in the text memory is being spell-verified .... *Refer to page 60.*
WORD TOO LONG	...A word of 31 or more characters was keyed in to add in user's dictionary .... *Refer to page 60.*

a. *Troubleshooting*

●Check the points below before calling in a serviceman.

Symptom	Cause	Remedy/check	Reference Page
No operation even when keys are pressed. Nothing appears on the LCD Display.	Disconnected AC power cord.	Connect plug properly.	9
	POWER Switch on "OFF".	Set the **POWER** Switch to "ON".	9
	EXT Mode	Press the **EXT** Key to cancel the EXT Mode.	28
	The LCD Contrast Adjuster is set to low contrast.	Adjust the setting of the LCD Contrast Adjuster.	8
Unit does not print correctly, or printing is blurred.	Paper Release Lever is in Release position.	Push lever to Lock position.	15
	End of Ribbon Cassette.	Replace with new cassette.	12, 13
No deletion even with ⊠ Key; blurred characters.	Correction Tape is not installed or has been used up.	Install Correction Tape or replace with new one.	14
Buzzer sounds with every line feed.	End of paper; ("PAPER END!!" message appears on LCD Display.)	Insert new sheet of paper.	15
Buzzer sounds during typing and typing is disabled (keys do not function.)	Carriage at right margin.	Press the **RETURN** Key and move carriage to next line.	———
		Press the **MAR REL** Key and continue printing on same line.	20
	Text Memory is full.	Re-edit the data or cancel the Text Memory Mode.	42
The main unit does not operate properly or the mechanism error buzzer sounds continuously.	Noise on the AC line or static electricity may prevent the unit from operating properly.	Turn the **POWER** Switch "OFF" once, then back "ON" again. If the unit still does not function properly, press the **TAB CLR** Key and ⊠ Key simultaneously while pressing the **CODE** Key to perform "All Reset". At this time the Text Memory, Margin, Tab, etc., are all cleared.	———

APPENDIX

OTHER

In order to prevent inadvertent misoperation or damage to the machine itself, this machine emits different buzzer tones to inform the operator of an alarm condition or a misoperation, and simultaneously stops.

At this time, the keyboard will be completely locked, preventing key inputs from being made.
Conditions which are particularly liable to occur are shown below. In such a case, first set the **POWER** Switch to "OFF", remove the cause of the trouble, then turn the **POWER** Switch "ON" again.

Buzzer sound	Cause	Remedy/check	Reference page
Carriage stop error (Beep:━)	A foreign object which has fallen into the mechanism obstructs the movement of the Carriage.	Remove foreign matter from mechanism.	⎯
Cupwheel stop error (Beep:━━━)	A foreign object which has fallen into the mechanism stops the rotation of the Cupwheel.	Remove foreign matter preventing the Cupwheel from rotating.	10, 11
	The Ribbon Cassette is tangled on the Cupwheel and stops its rotation.	If the ribbon is tangled on the Cupwheel, remove the ribbon cassette, then re-install it.	10~13
Ribbon stop error (Beep:━ ━)	The Ribbon Cassette or Correction Tape has been used up.	Replace the Ribbon Cassette or Correction Tape.	12~14
Platen stop error (Beep:━━━)	Paper is jammed.	Remove the jammed paper.	15
Cupwheel initialize error (Beep:━━━━━)	The Cupwheel is not attached properly.	Remove the Cupwheel, then re-install it.	10, 11
	The Cupwheel is not installed.	Install the Cupwheel.	10, 11

b.   *Product Service*

Should your Panasonic product ever require service, refer to enclosed Directory for an Authorized Servicenter or consult your authorized Panasonic dealer for detailed instructions.

c.   *Caution*

This equipment has been tested and found to comply with the limits for class B computing devices in accordance with the specifications set forth in Subpart J of Part 15 of the FCC rules. If this equipment causes interference to radio or television reception, which can be determined by turning the equipment on and off, use the equipment in another location and/or utilize an electrical outlet different from that used by the receiver.
● Recommended shielded cable must be used in order to meet FCC emission limits and also to prevent interference to nearby radio and television reception.

Cupwheel Printing Element

- PICA10 **RP-T150**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- ELITE12 **RP-T151**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- SCRIPT1012 **RP-T152**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- COURIER10 **RP-T153**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- GOTHIC15 **RP-T154**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- ROMAN PS **RP-T155**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Ribbon Cassette

- Correctable Film Ribbon Cassette **RP-T132**
- Fabric Ribbon Cassette **RP-T142**

OPTIONAL ACCESSORIES

Correction Tape

• Lift-off Correction Tape (2 pcs) **RP-T131**

• Cover-up Correction Tape (2 pcs) **RP-T141**

RAM Card

• RAM Card **RP-K008**

You can also contact your nearest Authorized Parts Distributor by calling

1-800-447-4700 (Only in U.S.A.)

Printing Element	Cupwheel: 96 characters
Print Speed	12 characters/sec.
Print Pitch	10, 12, 15, PS
Line Spacing	1, 1½, 2
Paper Capacity	Max. 14 inches (355.6 mm)
Print Capacity	Max. 12 inches (304.8 mm)
Display	32-character LCD Display
Ribbon Cassette	Correctable Film Ribbon (Standard Accessory) Fabric Ribbon
Correction Tape	Lift-off Correction Tape (Standard Accessory) Cover-up Correction Tape
Keyboard	Character Key: 45 Keys Function Key: 33 Keys
Correction Memory	2 lines
Text Memory	Max. 8000 characters
Interface	Centronics-Parallel Interface
Power Supply	AC: 120 V, 60 Hz
Power Consumption	30 W
Memory Protection	Lithium Battery (Built-in)
Operating Temperature	41°F~95°F (5°C~35°C)
Dimensions (W×H×D)	19.1″×4.3″×15.6″ (484×108×397 mm)
Weight	14.9 lbs. (6.7 kg)

●Design and Specifications are subject to change without notice.