Panasonic

Electronic Typewriter

MODEL NO. **RK-T25**

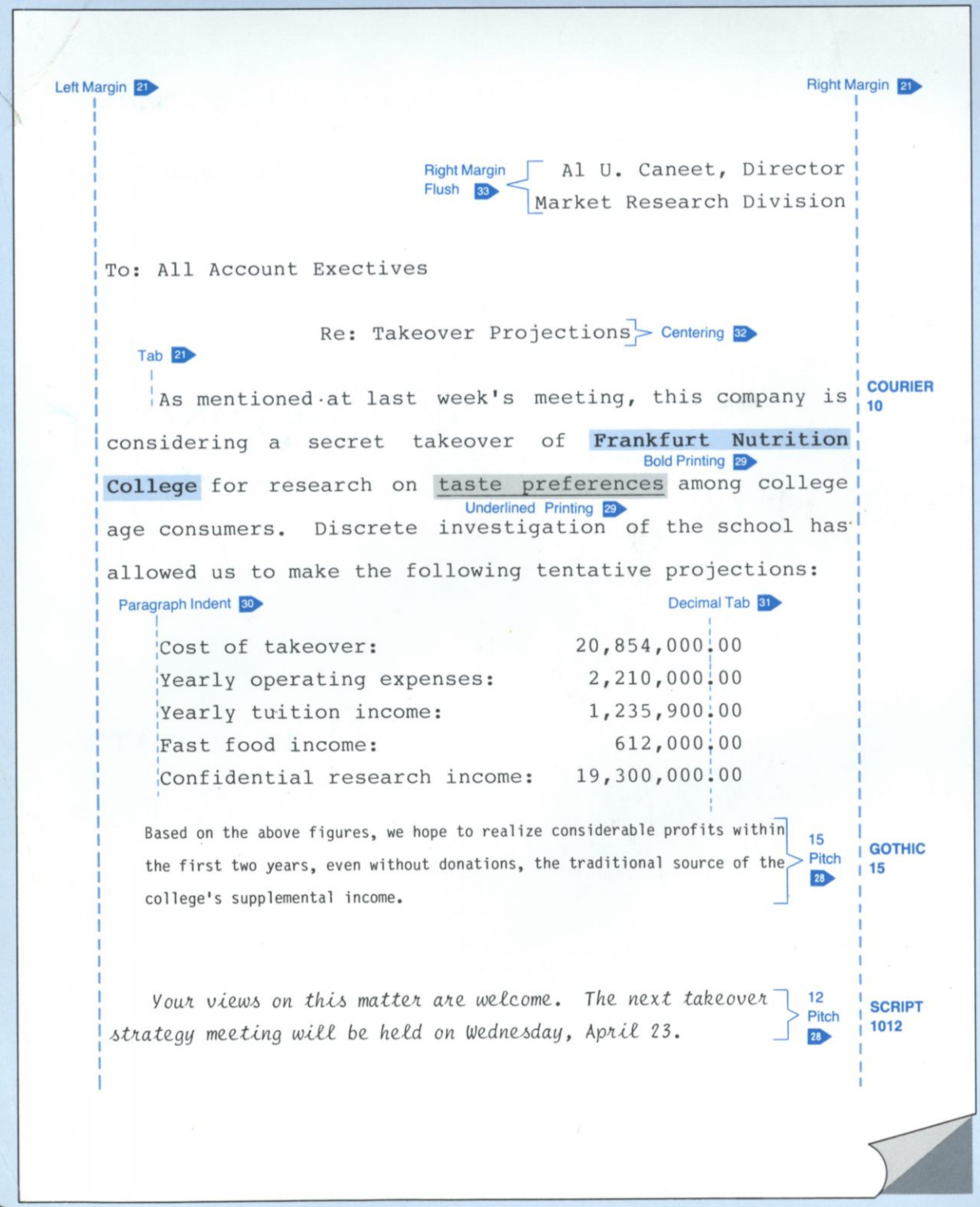
OPERATING INSTRUCTIONS

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



1-1 NAMES AND OPERATION 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

Margin Release Key (MAR REL)
The left or right margin is released temporarily
Refer to page 22.

Left Margin Set Key (L MAR)
Refer to page 21.

Right Margin Set Key (R MAR)
Refer to page 21.

Tab Set Key (TAB SET)
Refer to page 21.

Tab Clear Key (TAB CLR)
Refer to page 22.

Tab Key (TAB)
The carriage moves to the next tab position.
Refer to page 22.

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 36 to 47.

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 36 to 47.

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

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.

Delete Key (⌫)
This key is used to delete printed characters or characters on the LCD Display.
Refer to pages 23 and 24.

Shift Lock Key and Shift Indicator (LOCK)
Press this key to lock the keyboard in the shifted condition.
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.

Space Bar
The carriage moves by one space to the right.
If you press the **Space** Bar when the unit is in the Underlined Printing Mode, the underline will be printed.

Repeat Key (REPEAT)
The key pressed immediately before this key is repeated.

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.

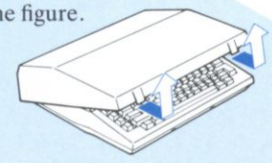
Return Key (RETURN)
The carriage moves to the left margin position of the next line.

Shift Key (SHIFT)

Relocation Key (RELOC)
The carriage moves to the end of the line.

Express Back Space Key (EXP)
This key is used to return the carriage to the left margin without a line feed.

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



b. Names and Operation of the Main Parts

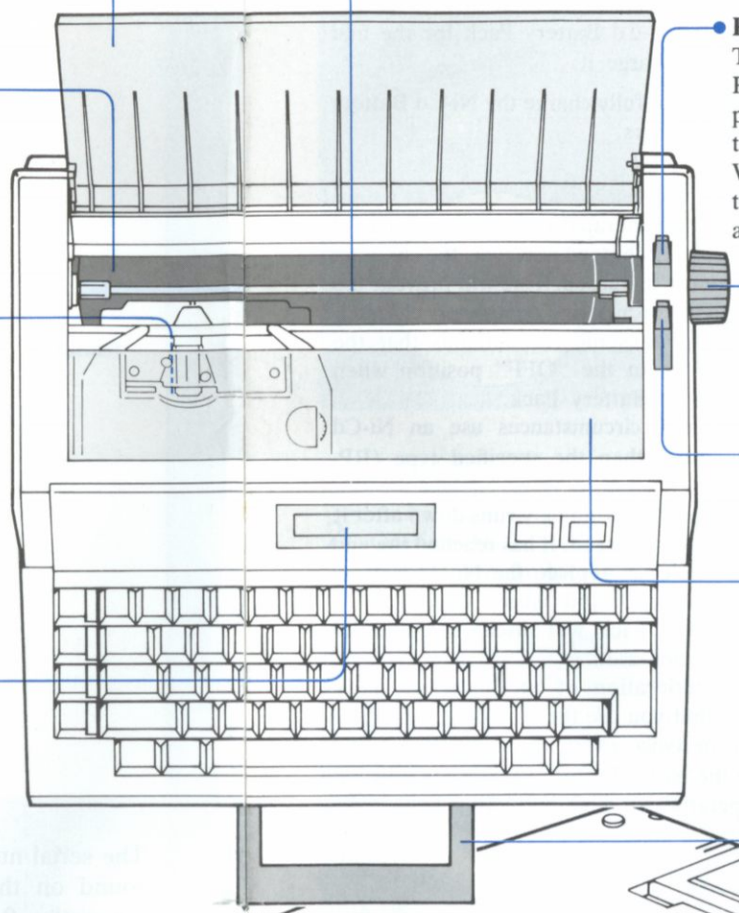
Paper Support

Paper Bail
This is used to hold the paper down.

Accessories (included)
- Cupwheel Print Element
- Correctable Film Ribbon Cassette (RP-T132)
- Lift-Off Correction Tape (RP-T131)
- AC Adaptor (RP-K942)
- Dust Cover

Platen

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.
When you pull the Paper Release Lever toward you, the Paper Bail Lever will also move away from the Platen.



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

Platen Knob
This is used to manually feed the paper up or down. By pressing the Platen Knob inward you can rotate the Platen in small increments.
Refer to page 17.

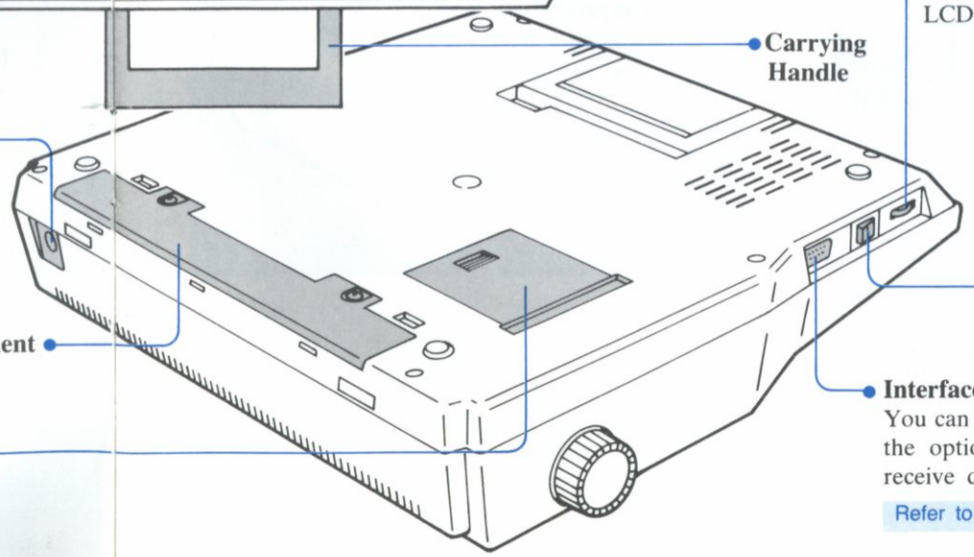
Paper Bail Lever
When this lever is pulled towards you, the Paper Bail will move away from the Platen. This allows the paper to easily inserted and positioned for typing.

Pitch Scale
Three pitch graduations, 10, 12, and 15, are provided. Use these graduations to set the margins or tabs.

LCD Display

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

Carrying Handle



External Power Input Jack [DC IN 15 V (⊖-●-⊕)]
This unit can be connected to the AC Adaptor (RP-K942, included) to enable it to be powered with household AC power.
Refer to pages 8 to 10.

Power Switch (ON/▮•OFF/○)
Refer to page 11.

Ni-Cd Rechargeable Battery Compartment
Refer to pages 8 to 10.

Interface Connector
You can use this unit as a printer by connecting the optional Interface Adaptor RP-K100 and receive data from a Computer.
Refer to page 48.

Bottom Cover Lid
By sliding this lid to the right, it can be removed to exchange the Cupwheel Print Element.
Refer to pages 12 and 13.

Thank you for your purchase of the Panasonic RK-T25 Electronic Typewriter.

The serial number of this product may be found on the label at the right bottom when the Paper Support and the Pitch Scale are 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-T25**

SERIAL NUMBER:

The Operating Instructions for the RK-T25 are composed of the following four chapters.

Chapter 1 BEFORE USING

Refer to pages 4 to 17.

Chapter 2 BASIC OPERATIONS

Refer to pages 19 to 34.

Chapter 3 TEXT MEMORY/PRINTER

Refer to pages 35 to 50.

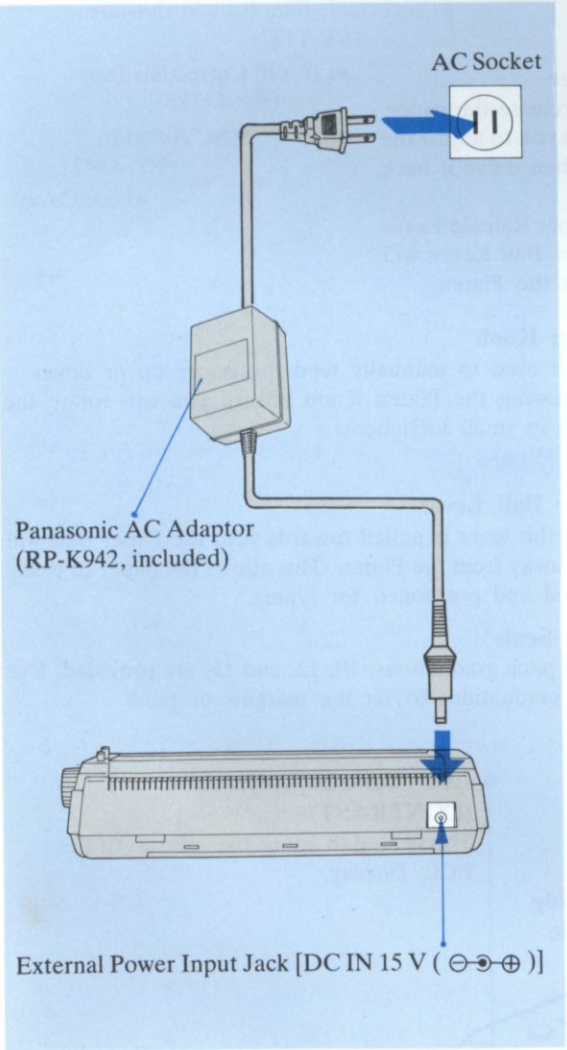
Chapter 4 APPENDIX

Refer to pages 51 to 60.

1-2 POWER SUPPLY

a. Using Household AC Power

Connect the AC Adaptor as shown in the figure.



- Always use the Panasonic RP-K942 AC Adaptor (included) and no other model.
- A breakdown or failure may result when an adaptor with a different voltage or polarities is used.

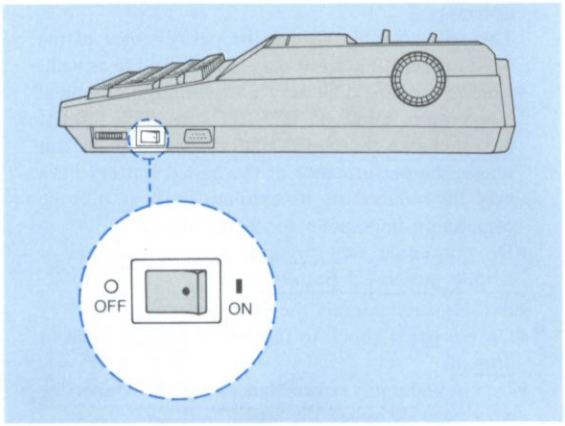
b. Charging

The Panasonic RP-K901 Ni-Cd Battery Pack (optional) can be charged by inserting it into the Ni-Cd Rechargeable Battery Compartment and connecting the Panasonic RP-K942 AC Adaptor (included).

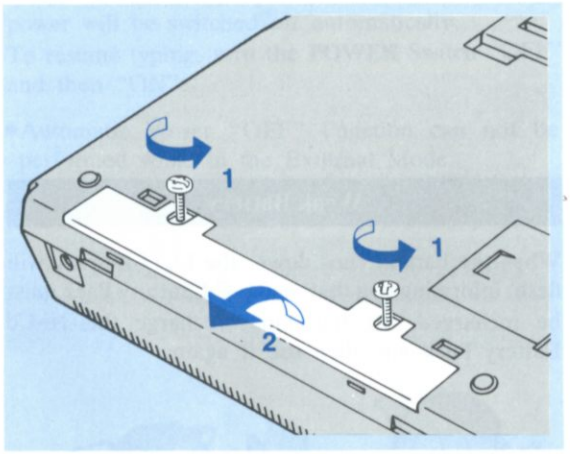
- Before using the Ni-Cd Battery Pack for the first time, be sure to charge it.
- The time required to fully charge the Ni-Cd Battery Pack is about 8 hours.
- The RK-T25 can be operated even while the Ni-Cd Battery Pack is being charged however, the charging time will be greatly increased. This will prevent the Ni-Cd Battery Pack from being completely charged. For this reason, Panasonic recommends that the **POWER** Switch be in the "OFF" position when charging the Ni-Cd Battery Pack.
- Do not under any circumstances use an Ni-Cd Battery Pack other than the specified type (RP-K901).
- If the Ni-Cd Battery Pack quickly runs down after it has been completely charged, it has reached the end of its life. In this case, replace the Ni-Cd Battery Pack with a new one.
- The Ni-Cd Battery Pack will discharge naturally even when it is not used.
  To prevent deterioration of the batteries, it is recommended that you use the Ni-Cd Battery Pack at least once or twice every three months.
- Do not store the Ni-Cd Battery Pack in areas prone to high-temperature or high-humidity.

Charging Method

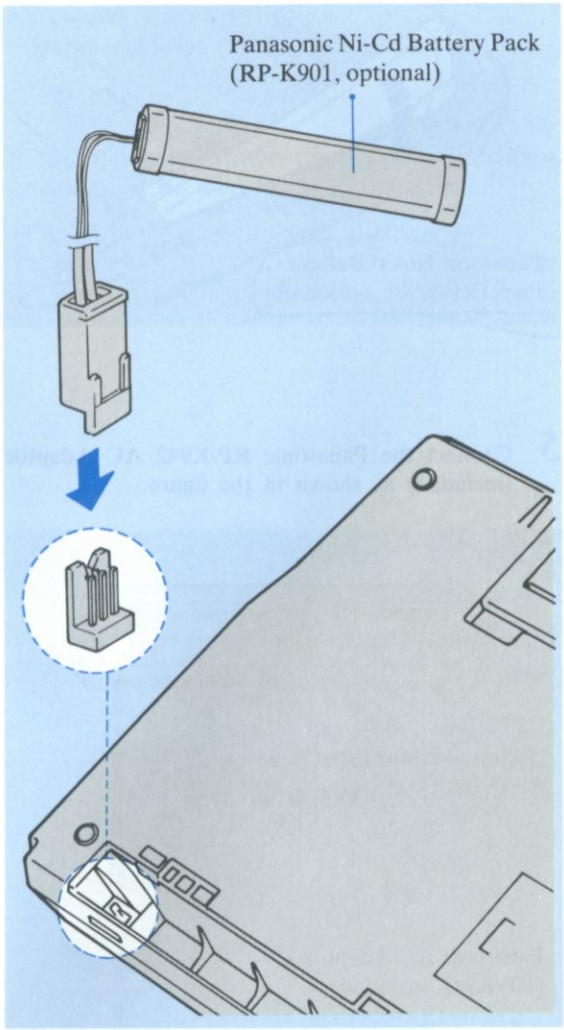
1 Set the **POWER** Switch in the "OFF" position.



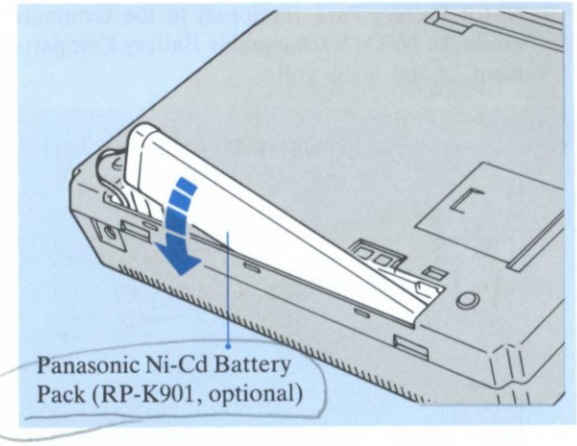
2 Open the Ni-Cd Rechargeable Battery Compartment Cover. To loosen the screws use a coin, a key, or a similar object.



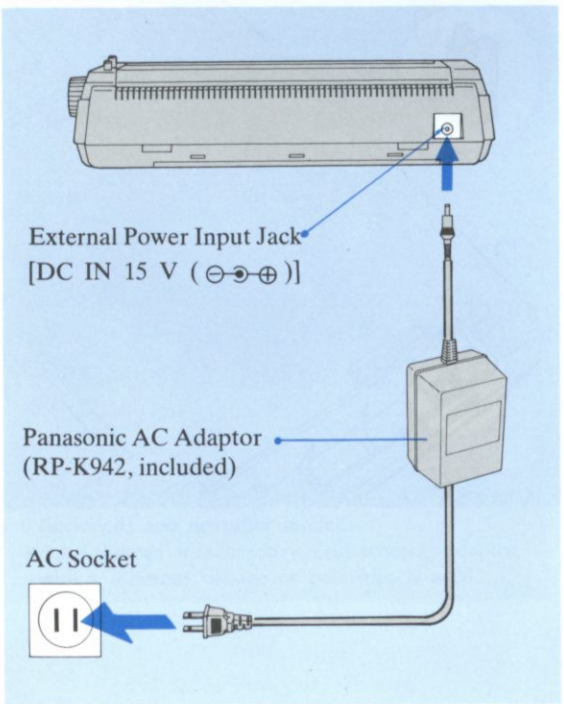
3 Plug the connector of the Panasonic RP-K901 Ni-Cd Battery Pack (optional) to the terminals inside the Ni-Cd Rechargeable Battery Compartment of the main unit.



4 Insert the Ni-Cd Battery Pack and secure the Ni-Cd Rechargeable Battery Compartment Cover by tightening the two screws.



5 Connect the Panasonic RP-K942 AC Adaptor (included) as shown in the figure.



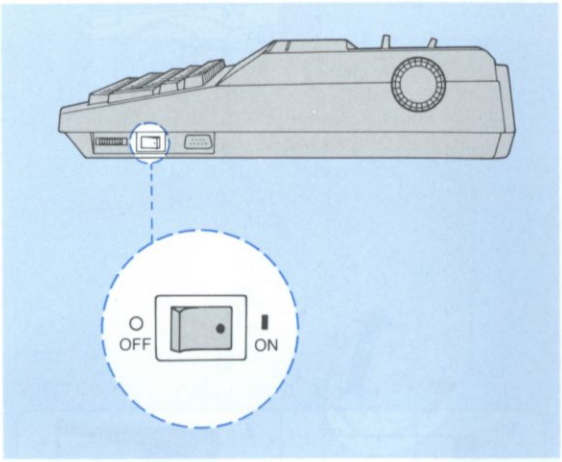
- When charging the battery, be sure to use the Panasonic RP-K942 AC Adaptor (included). Do not use any other AC Adaptor.
- Do not charge the battery for a longer period than necessary. This will not only reduce the performance of the Ni-Cd Battery Pack but may shorten its life as well.
- Charge the Ni-Cd Battery Pack within an ambient temperature range of 32°F (0°C) to 104°F (40°C). If you charge the Ni-Cd Battery Pack outside this range, the performance of the Ni-Cd Battery Pack may be reduced or in extreme cases it may be completely impossible to charge it.
- Do not under any circumstances disassemble or modify the Ni-Cd Battery Pack.
- Do not short circuit the Ni-Cd Battery Pack.
- Do not apply shock to the Ni-Cd Battery Pack or drop it.
- Do not under any circumstances pull the connecting cord hard or splice the wires.
- If the Ni-Cd Battery Pack is damaged and electrolyte (dilute sulfuric acid) gets onto skin or clothing, wash it away immediately using a large quantity of water.

Weak Battery

When the battery runs down, the LCD Display will flash, informing you that the Ni-Cd Battery Pack must be recharged. At this time, recharge the Ni-Cd Battery Pack and then use it again.

c. 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.

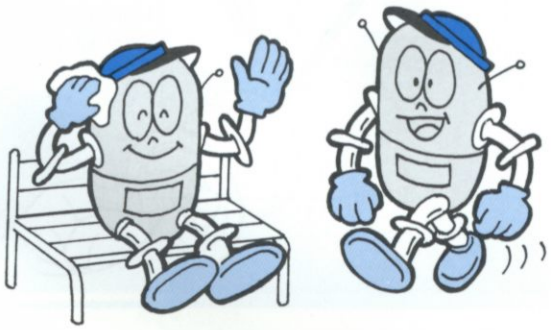


d. Automatic Power "OFF" Function

When there is no key input for about 10 minutes, the power will be switched off automatically.
To resume typing, turn the **POWER** Switch "OFF" and then "ON".

- Automatic Power "OFF" Function can not be performed while in the External Mode.

If the **POWER** Switch is turned on while the **SHIFT** Key is pressed, the Automatic Demonstration will be printed.



e. Memory Back-up Function

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

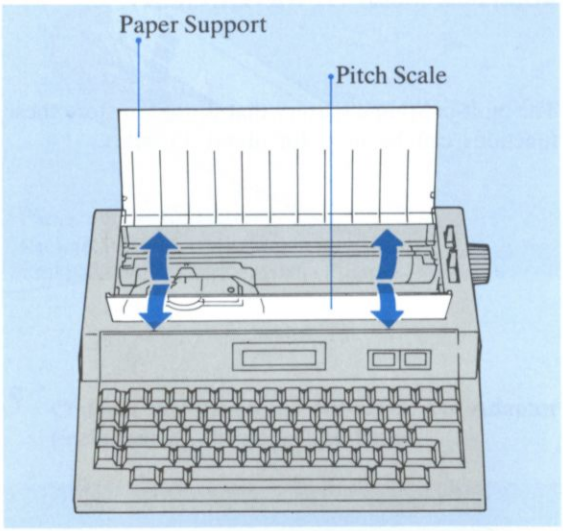
- **Stored Text**
- **Margins**
- **Tabs**
- **Pitches (10 • 12 • 15)**
- **Line Spacing (1 • 1½ • 2)**
- **Keyboard (KBI • KBII)**
- **Operation Modes (TPWR • L/L • JUST)**

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

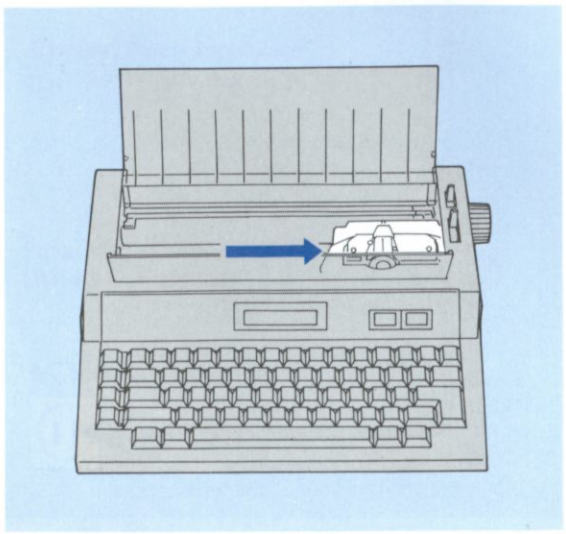
1-3 REPLACING THE CUPWHEEL PRINT ELEMENT

1 Set the **POWER** Switch to the "OFF" position. When the plug of the AC Adaptor is connected, disconnect the plug from the External Power Input Jack.

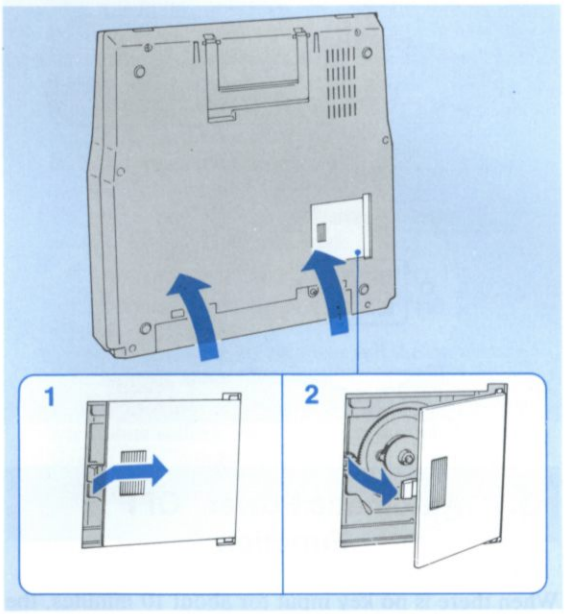
2 Raise the Paper Support, and open the Pitch Scale.



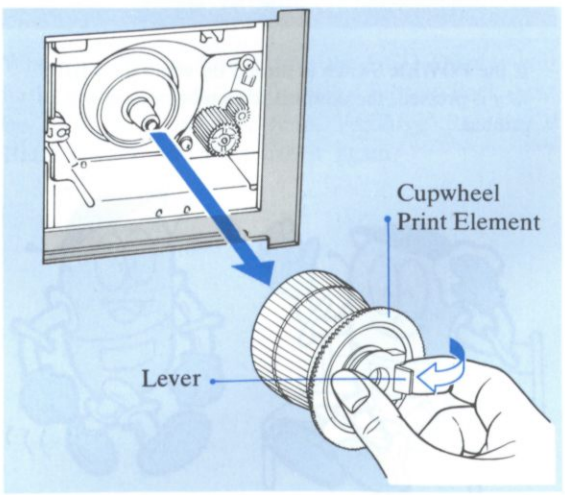
3 Using your hand, gently move the Carriage to the right side.



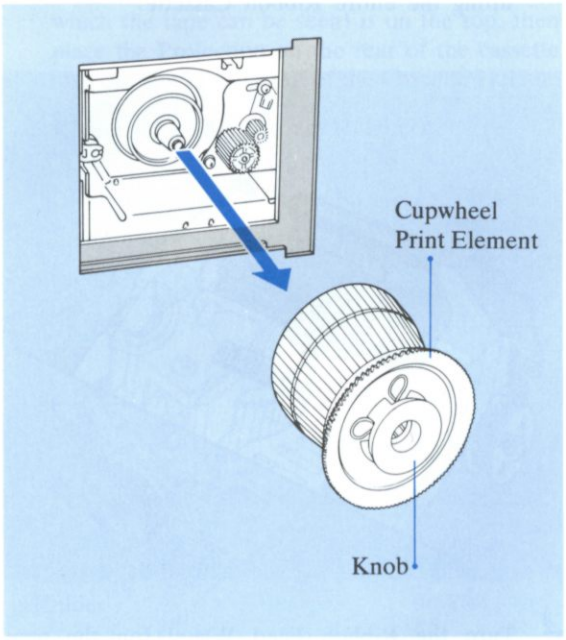
4 Close the Pitch Scale and Paper Support and place the Typewriter on its back.
Remove the Bottom Cover Lid by sliding it to the right side.



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.

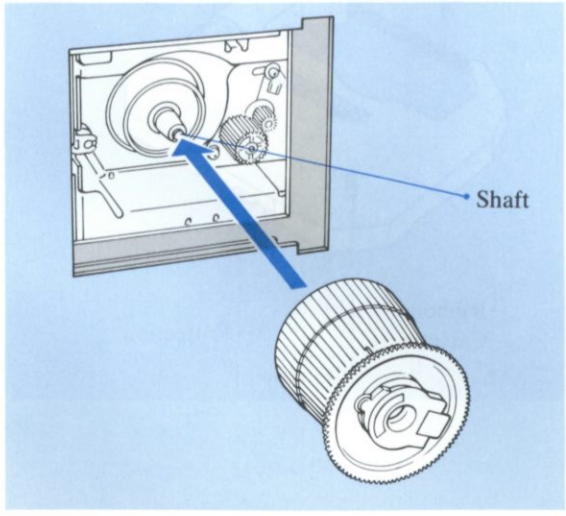


●If a Cupwheel Print Element without the lever is used, grasp its knob and pull it directly out.

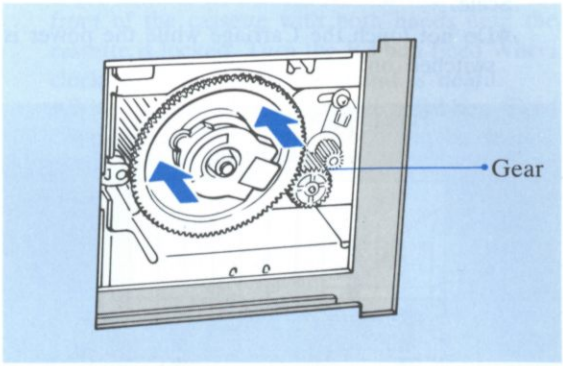


6 Insert another Cupwheel Print Element so that the shaft enters the hole in the center of the element.

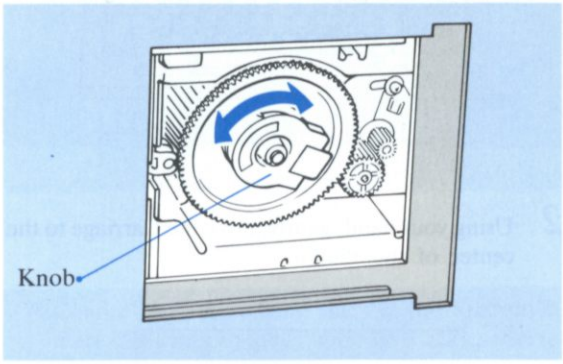
●Insert the element so that it will not get caught by the Ribbon.



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



8 Hold the knob of the Cupwheel Print Element and turn it slightly to check that it rotates freely.



9 Slide the Bottom Cover Lid to its closed position.

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

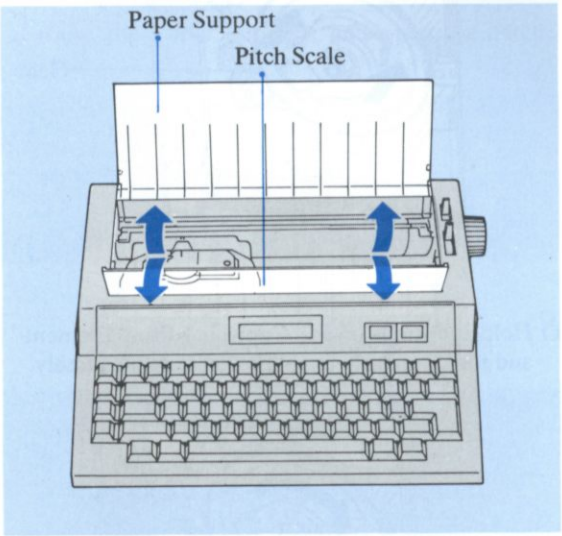
Refer to pages 14 and 15.

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

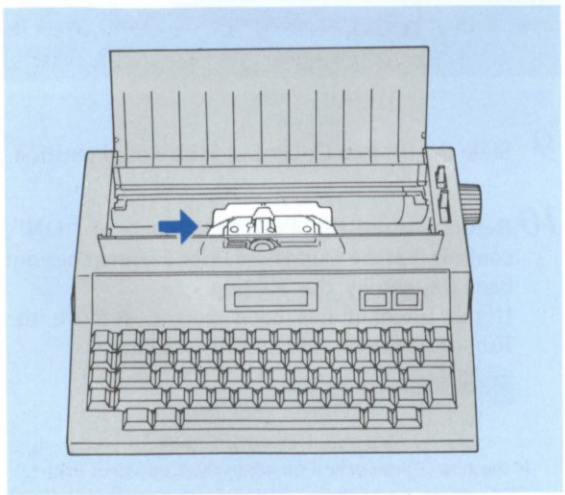
1-4 REPLACING THE RIBBON CASSETTE

1 Set the **POWER** Switch to the "OFF" position. Raise the Paper Support, and open the Pitch Scale.

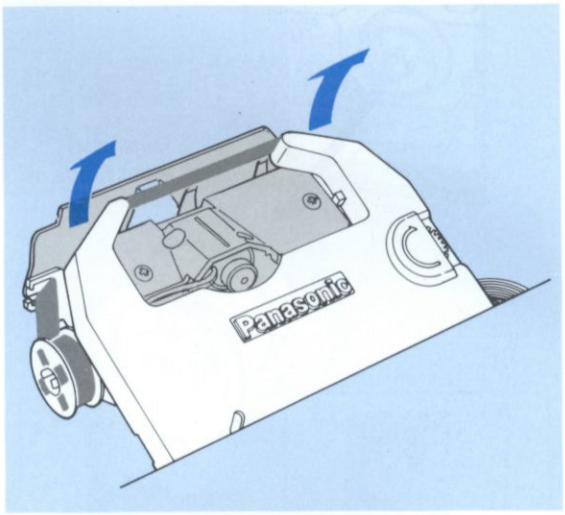
- Do not touch the Carriage while the power is switched on.



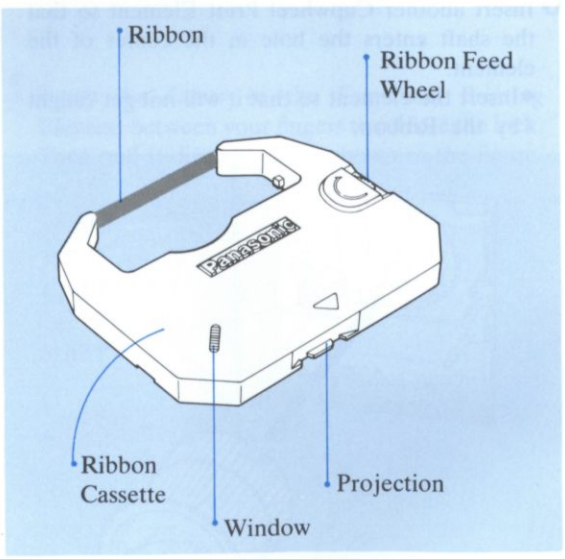
2 Using your hand, gently move the Carriage to the center of the Platen.



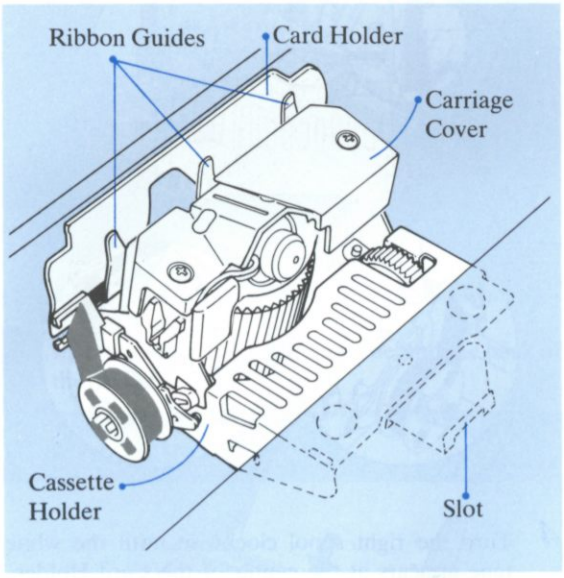
3 Hold the Ribbon Cassette with both hands and remove it by first raising the front end and then lifting the entire Ribbon Cassette.



4 Turn the Ribbon Feed Wheel (on the new Ribbon Cassette) clockwise to tighten the Ribbon.

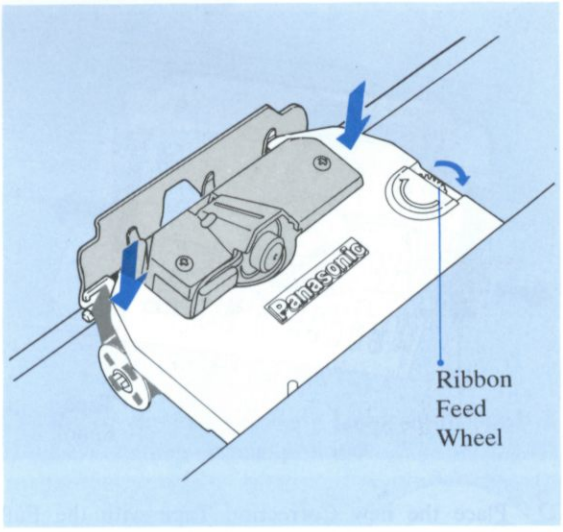


5 Position the new Ribbon Cassette over the Cassette Holder so that the Window (through which the tape can be seen) is on the top, then place the Projection on the rear of the cassette into the Slot at the front of the Cassette Holder.



6 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.



7 Confirm that there is no slack in the Ribbon. If there is slack, turn the Ribbon Weed clockwise to remove it.

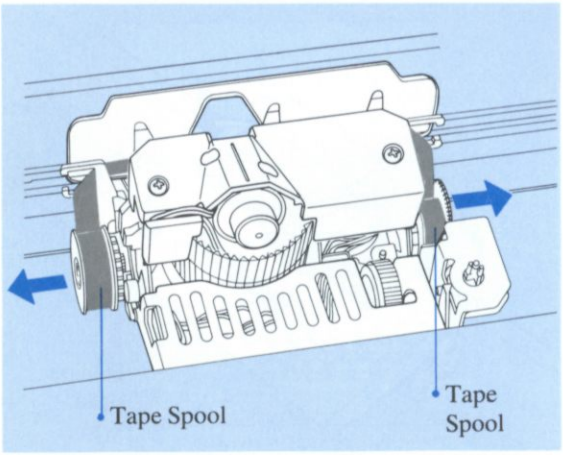
Do not apply excessive force to or bend the flat cable coming out from the Carriage.

1-5 REPLACING THE CORRECTION TAPE

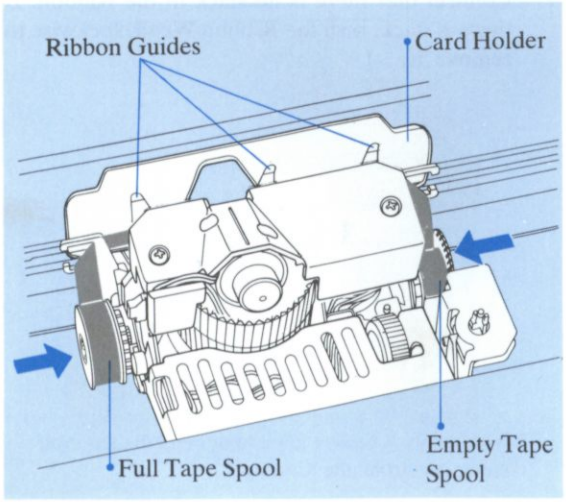
Panasonic RP-T 131

1 Remove the Ribbon Cassette by following steps 1, 2 and 3 of "REPLACING THE RIBBON CASSETTE".

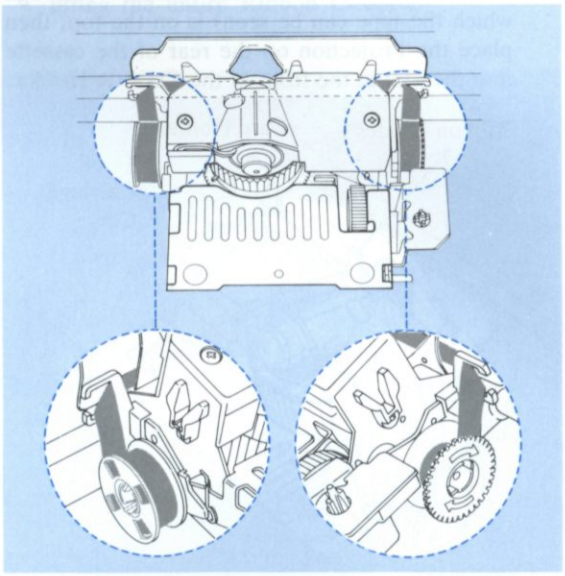
2 Remove the used Correction Tape by pulling the Tape Spools outwards on both sides.



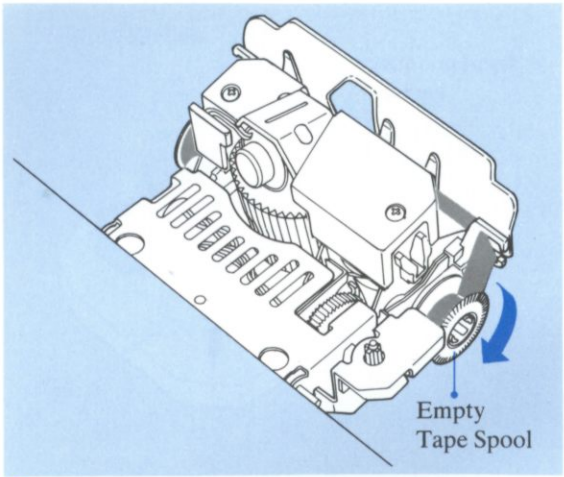
3 Place the new Correction Tape with the Full Spool on the left side, and then pass the tape between the Card Holder and the Ribbon Guides.



•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.



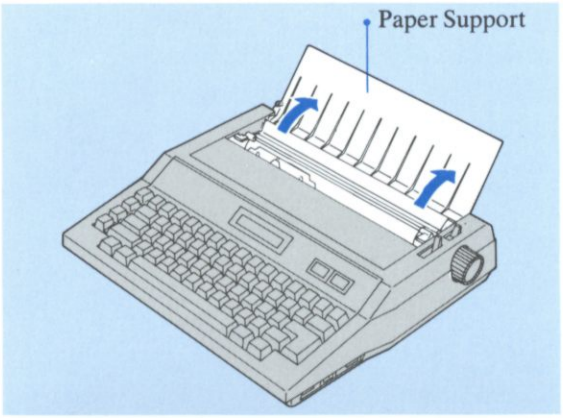
5 Install the Ribbon Cassette properly. (Follow the steps 5 through 7 of "REPLACING THE RIBBON CASSETTE".)

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

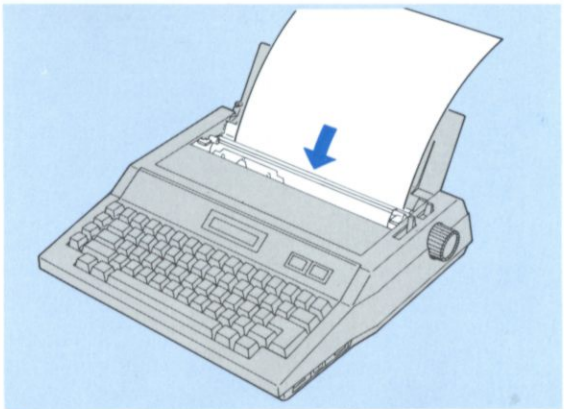
1-6 INSERTING THE PAPER

a. Paper Insertion

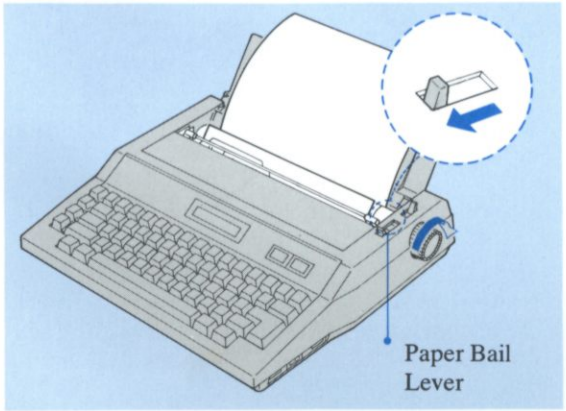
1 Raise the Paper Support.



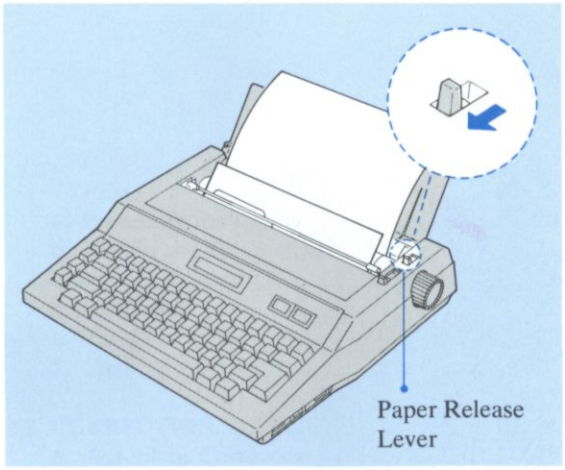
2 Insert the paper straight down behind the back of the Platen.



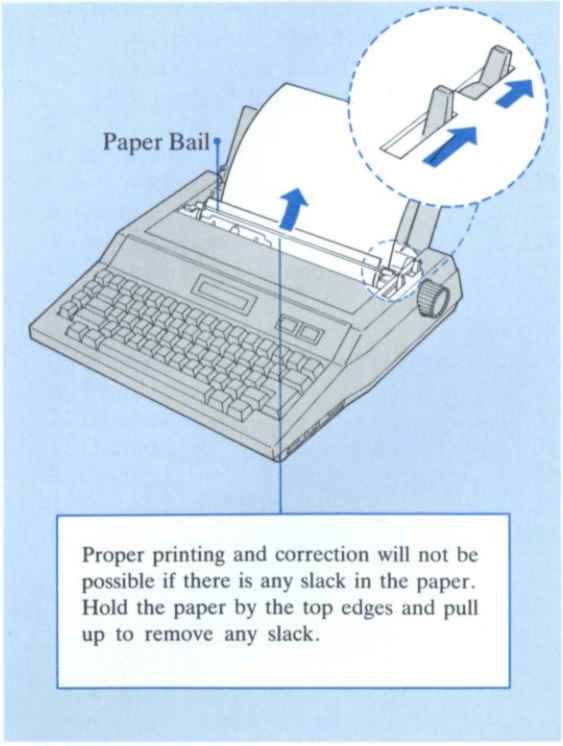
3 Pull the Paper Bail Lever towards you. Rotate the Platen Knob to feed the paper to the desired position.



4 Feed the paper underneath the Paper Bail, pull the Paper Release Lever, and adjust the paper.



5 Return the Paper Release Lever and Paper Bail Lever to their original positions.



Chapter 2

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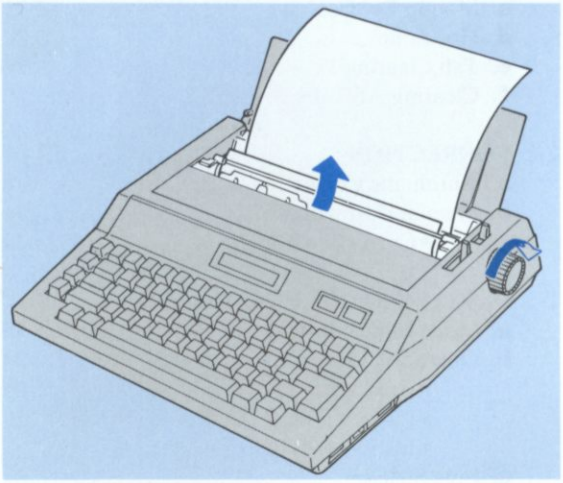
2-1 TYPING

a. Procedure for Typing

1 Operate the Typewriter using either the AC Adaptor (included) or the Ni-Cd Battery Pack (optional).

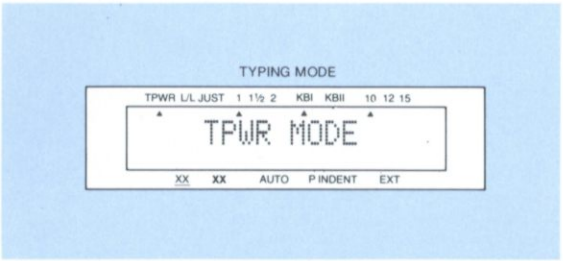
2 Set the **POWER** Switch to the "ON" position. The carriage will move to the left margin which was last set.

3 Insert the paper behind the back of the Platen and rotate the Platen Knob to feed the paper to the desired position.



Typing may now proceed.

Check that the "▲" mark appears underneath the "TPWR" operation mode indication on the LCD Display.



If the "▼" mark appears above "EXT" at the bottom right of the LCD Display, press the **CODE** Key and then press the **8** Key at the same time to delete the "▼" mark.

If the "▲" mark appears below "L/L", press the **CODE** Key and then press the **MAR REL** Key at the same time so that the mark appears underneath "TPWR".

- Try typing the following word:

Typewriter

- The characters have now appeared on the paper as:

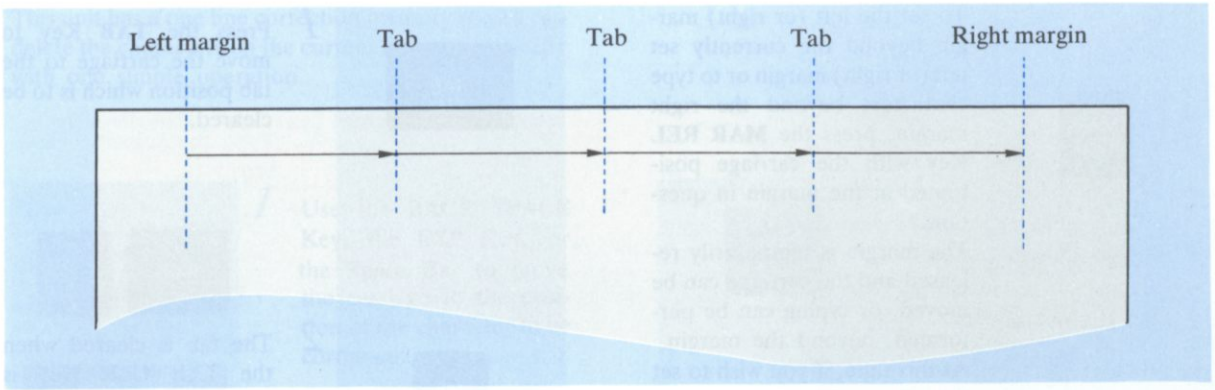
Typewriter

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 description in order to make full use of the unit's functions.

b. Margin and Tab Settings

TPWR Mode



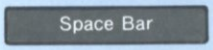
1 Press the **Space** Bar or **BACK SPACE** Key to move the carriage to the desired left margin.

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

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

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 16 tabs can be set in one line.



6 Press the **Space** Bar to move the carriage to the desired right margin.

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.

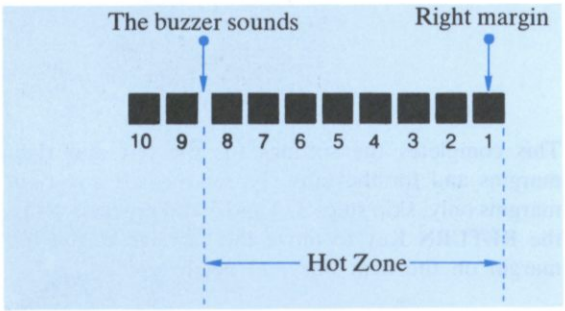
c. Margin Release

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.

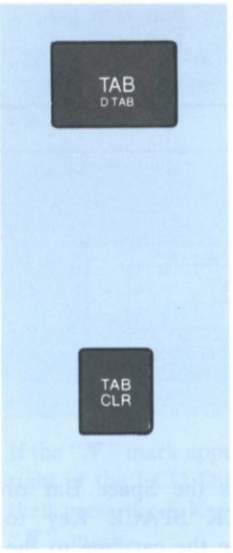
d. Hot Zone

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. The same applies for both the DP, L/L and JUST Mode.



e. Tab Clearing

TPWR Mode

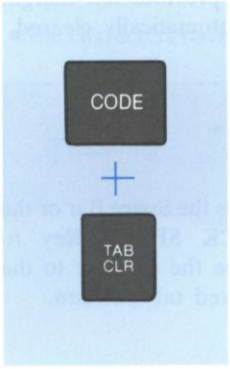


1 Press the **TAB** Key to move the carriage to the tab position which is to be cleared.

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

f. Clearing All Tabs

TPWR Mode

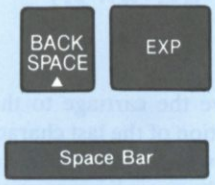


Press the **TAB CLR** Key together with the **CODE** Key to clear all the tabs.

a. Automatic Correction

TPWR Mode

This unit has a one line correction memory so you can delete the characters on the current line automatically with one simple operation.



1 Use the **BACK SPACE** Key, the **EXP** Key, or the **Space** Bar to move the carriage to the position of the character to be corrected.

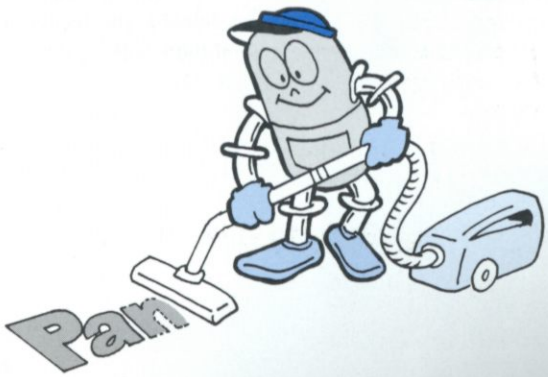
2 Press the ⌫ Key. The character will be deleted.

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 end of the line and typing can be continued.

- Directly 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.
- Automatic Correction is not possible after the **RETURN** Key has been pressed. In this case, Manual Correction must be performed.
- When several characters have been printed superimposed, only the character printed last will be deleted automatically.



b. Manual Correction

TPWR Mode

When an error is noticed after the **RETURN** Key has been pressed, Manual Correction must be used to delete the error.

1 Since the contents of the correction memory are cleared when the **RETURN** Key is pressed, turn the platen 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 **CODE** Key and **H** Key (Half Space) 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.

Correction Tape

Two types of tape can be used for correction.

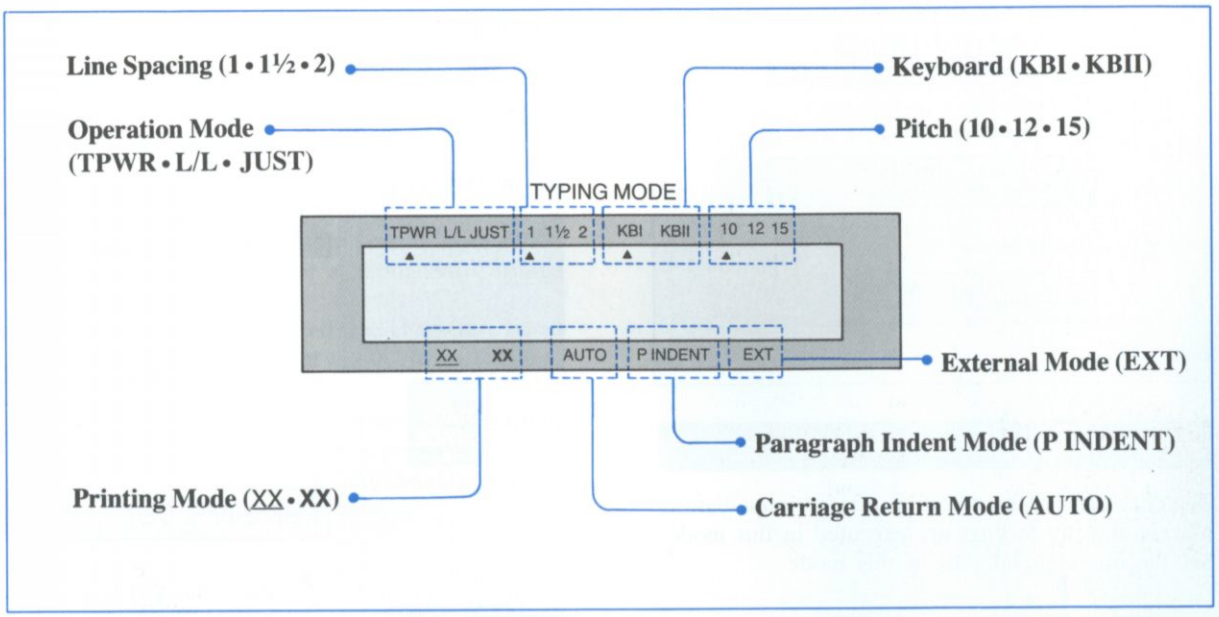
- **Lift-Off Correction Tape**
  This type of correction tape is used together with correctable film ribbon.

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

When the carriage is at the end of the line and the ⌫ Key is pressed, the character at the end of the line is automatically deleted and the carriage returns to the character on the left.

a. Mode Indications

The following modes will be displayed on the unit's LCD Display.



The respective mode setting appears on the LCD Display. Make the setting in line with the typing or format.

•When the "▲" or "▼" mark appears on the LCD Display, it indicates that the mode has been set.

These functions can be easily set or released during typing simply by pressing the **CODE** Key together with the key corresponding to the function.

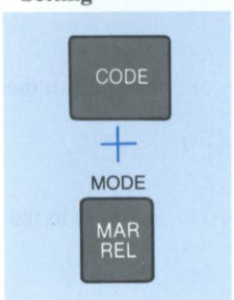
Decimal Tab, Centering and Right Margin Flush functions are also available.

Refer to pages 31 to 33.

b. Operation Mode

The printing method is selected.

•Setting



Press the **MAR REL** Key together with the **CODE** Key. Every time the keys are pressed, the "▲" mark on the LCD Display switches alternately between "TPWR", "L/L" and "JUST". Set to the desired mode.

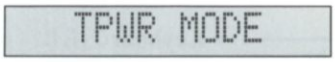
TPWR ▲ ..... Typewriter Mode setting

L/L ▲ ..... Line by Line Printing Mode setting

JUST ▲ ..... Justify Printing Mode Setting

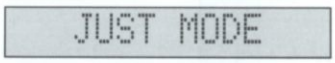
•LCD Display

Typewriter Mode



Line by Line Mode

Justify 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.

•Display operations

..... The cursor moves one character to the left.

..... The cursor moves one character to the right.

.. The character on the cursor is deleted.

•Editing on the LCD Display (inserting, deleting, correcting)

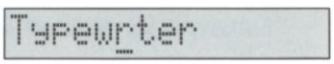
Follow the explanation below to change "Typewrlter" to "Typewriter".

1 Type T y p e w r l t e r

Cursor

2 Press the **BACK SPACE** Key four times to move the cursor to below the "l".

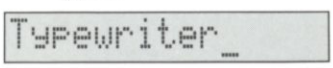
3 Press the ⌫ Key to delete the "l".



4 Press the **FWD** Key to move the cursor to below the "t".

5 Press the **I** Key to insert the "i".

6 When the **RELOC** Key is pressed, the cursor moves to the position after the character that was last typed.



Justify (JUST) Printing Mode

This mode will print each line so that the last character is printed on the right margin.
The typed characters will first appear on the LCD 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 enter a permanent Carriage Return.
If the **RETURN** Key is pressed, the characters typed up to that point will be printed without being justified.

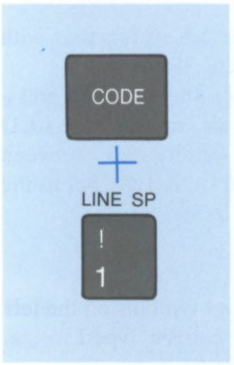
- Justified printing will start only when the cursor is at the last character position on a line.
- In the Justify Printing Mode, Automatic Carriage Return setting does not function.

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.

C. Line Spacing

This selects the amount of paper that is fed each time the **RETURN** Key is pressed.

•Setting

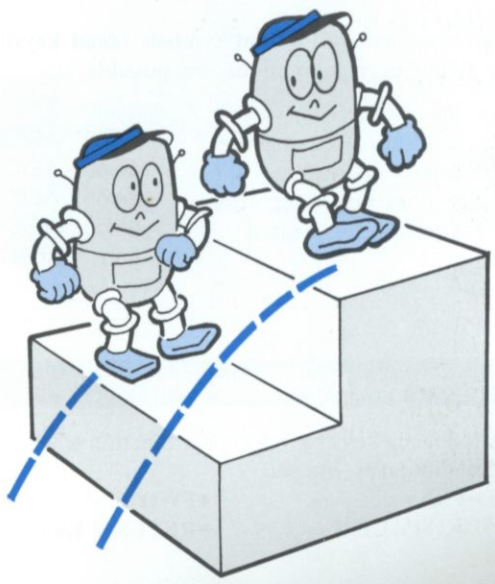


Press the **1** Key together with the **CODE** Key.
Each time these keys are pressed, the "▲" mark on the LCD Display alternates between "1", "1½" and "2".
Set the line spacing to the desired mode.

1 ▲ ..... Paper is fed by 1 line.

1½ ▲ ..... Paper is fed by one and a half lines.

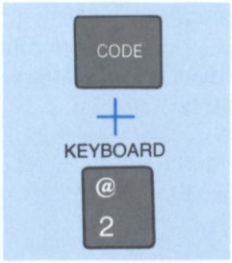
2 ▲ ..... Paper is fed by 2 lines.



d. Keyboard

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

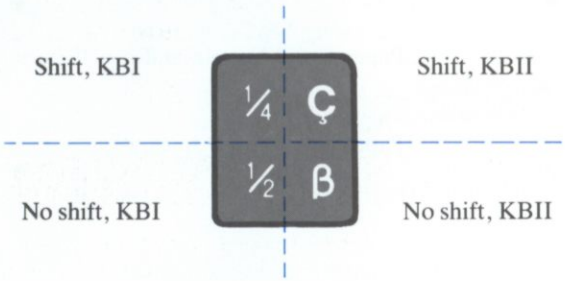
•Setting



Press the **2** Key together with the **CODE** Key.
Each time the keys are pressed, the "▲" mark on the LCD Display alternates between "KBI" and "KBII". Set to the desired mode.

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.
▲



•Combinations with accent symbols (dead keys)
The following combinations are possible.

Since the five accent symbols (¨ ´ ` ^ ~) 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

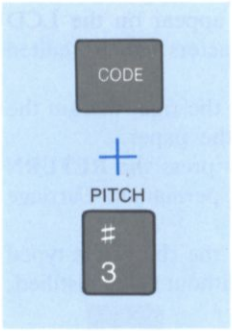
The following keys have a repeat function when they are continuously pressed:

- **Space** Bar
- **BACK SPACE** Key
- **FWD** Key
- **RETURN** Key

e. Pitches

Set according to the pitch of the Cupwheel Print Element being used.

•Setting

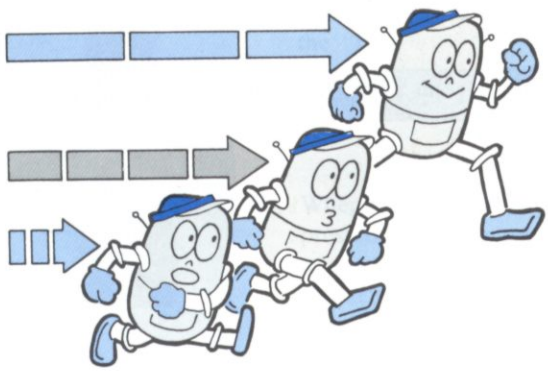


Press the **3** Key together with the **CODE** Key.
Every time these keys are pressed, the "▲" mark on the LCD Display alternates between "10", "12" and "15". Set to the desired pitch.

10 ..... 10 characters per inch (2.54 cm) can be printed.
▲ The maximum number of characters that can be printed in one line is 81.

12 ..... 12 characters per inch (2.54 cm) can be printed.
▲ The maximum number of characters that can be printed in one line is 97.

15 ..... 15 characters per inch (2.54 cm) can be printed.
▲ The maximum number of characters that can be printed in one line is 121.

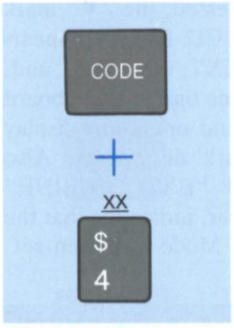


f. Printing Mode

Underlined Printing and Bold Printing can be set.

Underlined Printing

•Setting



Press the **4** Key together with the **CODE** Key.
When these keys are pressed, the "▼" mark on the LCD Display appears and the Underlined Printing Mode is set.
When pressed again, the "▼" mark disappears and characters are printed without underlining.

▼ ..... Underlined Printing setting
XX

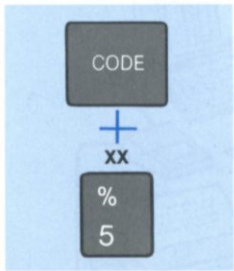
•Symbols on the LCD Display

▸ ..... Underlined Printing Mode start

◂ ..... Underlined Printing Mode finish

Bold Printing

•Setting



Press the **5** Key together with the **CODE** Key.
When pressed, the "▼" mark on the LCD Display appears and the Bold Printing Mode is set.
When pressed again, the "▼" mark disappears and the unit returns to ordinary printing.

▼ ..... Bold Printing setting
XX

•Symbols on the LCD Display

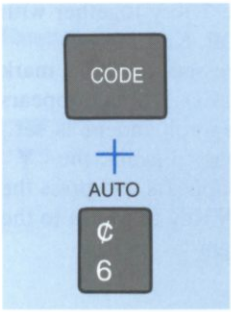
▯ ..... Bold Printing Mode start

▯ ..... Bold Printing Mode finish

g. Carriage Return Mode

This function selects whether a carriage return is made automatically or manually in the Hot Zone.

•Setting



Press the **6** Key together with the **CODE** Key.
When pressed, the "▼" mark on the LCD Display appears and Automatic Carriage Return Mode is set.
When pressed again, the "▼" mark disappears and the unit returns to the Manual Carriage Return Mode.

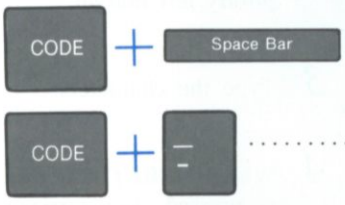
▼
AUTO ..... Automatic Carriage Return setting

- When a space or hyphen is entered in the Hot Zone, the carriage automatically moves to the left margin or paragraph indent position on the next line.
- In the Justify Printing Mode, Automatic Carriage Return setting does not function.
- This operates as Auto Line Feed Selector.

Refer to page 50.

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.



- A Permanent space is indicated as " ▸ " on the LCD Display. (When editing on LCD mode)

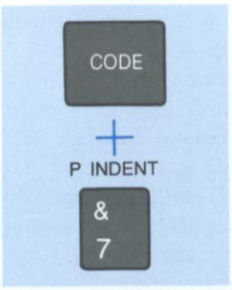
These symbol marks are displayed on the LCD Display when editing.

▸ ◂ ▯ ▯

h. Paragraph Indent

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

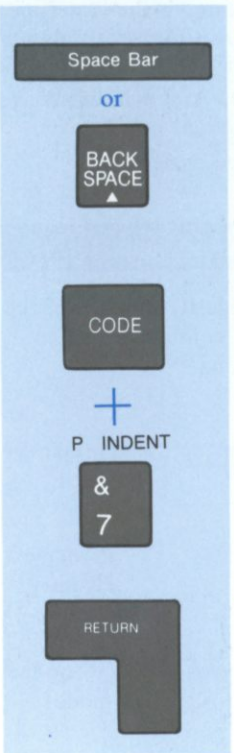
•Setting



Press the **7** Key together with the **CODE** Key.
When pressed, the "▼" mark on the LCD Display appears and paragraph indent is set. When pressed again, the "▼" mark disappears and press the **RETURN** Key to return to the left margin.

▼
P INDENT .. Paragraph Indent setting

•Operation



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

2 Press the **7** Key together with the **CODE** Key. The present position of the carriage is set as the temporary left margin.

3 Type the characters.

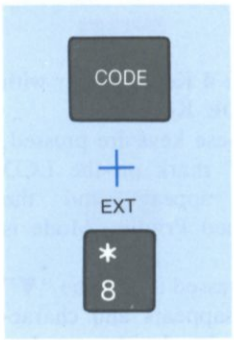
4 When the **RETURN** Key is pressed, the carriage moves to the indent position on the next line. Continue to type.

- •The Paragraph Indent Mode does not function outside the left or right margin.
- •When the margin is reset, the Paragraph Indent Mode will be cancelled.

i. External Mode

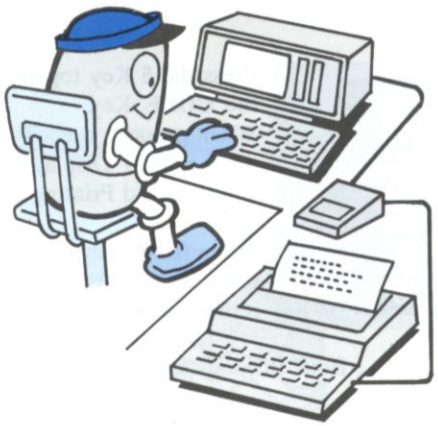
This function is used when print-out data is received from a computer using the Interface Adaptor RP-K100, which is obtained separately.

•Setting



Press the **8** Key together with the **CODE** Key.
When pressed, the "▼" mark on the LCD Display appears above "EXT: ON LINE" and, at the same time, the keyboard display and operation display "▲" mark disappears. Also the words "EXT: ON LINE" will appear, indicating that the External Mode has been set.

▼
EXT ..... External Mode setting



j. Decimal Tab

When the **TAB** Key together with the **CODE** Key is pressed, the decimal points can be aligned at the set tab position. The decimal tab function can be used not only with numbers but also with symbols.

•Operation

1 Set a tab at the position where the decimal point is to be printed.

2 Press the **CODE** Key and the **TAB** 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.

DECIMAL TAB

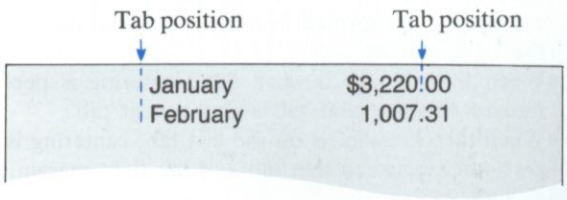
3 Enter the integral part of the number.
The entered number is displayed on the LCD Display.

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

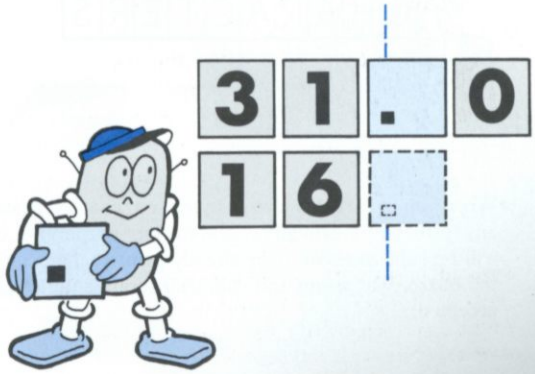
5 Type the decimal portion of your input.

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

Example:



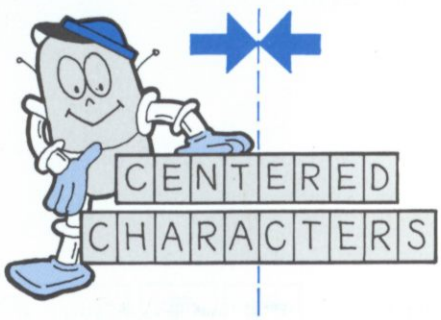
- When the number is only an integral part and there is no decimal point, use the **TAB** Key, the **RETURN** Key, or the **CODE** Key and the **TAB** Key to execute printing.
- When a large number of characters is to be entered and any further entry will go beyond the left margin or will be superimposed 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.



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 character is on the last tab, centering is performed between that tab and the right margin.



•Operation

1 Press the **C** Key together with the **CODE** Key. The carriage moves to the centering position and the following appears on the LCD Display.

- When centering is between the margins:

```
L-R 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.
- Automatic Centering can not be performed while in the Text Mode.

I. 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 together with the **CODE** Key. The carriage moves to the right margin and the following appears on the LCD Display:

R-MARGIN FLUSH

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.

- 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.

m. 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 together with the **CODE** Key. As a result the carriage will move one half space to the right.

4 Type the correct word (brown).

Chapter 3

3 TEXT MEMORY/ PRINTER

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3-1 TEXT MEMORY

a. Text Memory Mode

Entering into the Text Memory Mode

TEXT IN/OUT

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

```
TEXT  MODE
```

- The LCD Display message then changes to:

```
TEXT  # ?
```

2 The text memory can be divided into 9 files for use with numbers 1 through 9 (using the number keys). Enter the number of the file to be used.

3 If there is no text in the designated file, the following appears and you can enter the text.
(Ex. you select file 1)

```
                1
```

If text has already been entered in the designated file, the following message appears for about a second:

```
SELECT MARGIN
```

- The messages on the LCD Display appear alternately:

```
1 : CURRENT
```

```
2 : STORED
```

! 1

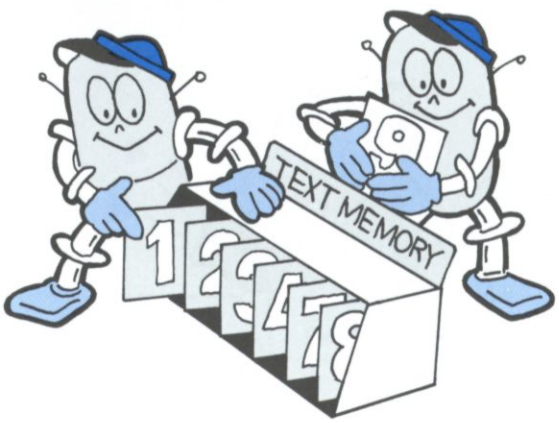
or

@ 2

CURRENT:
The text is both displayed and printed with the margins which were set upon entry into the Text Memory Mode. Printing starts from the carriage position.

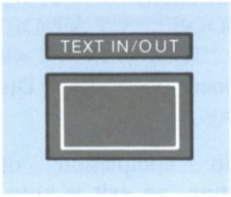
STORED:
The text is both displayed and printed with the margins which were stored when the text was entered in the text memory. Printing starts from the left margin stored in the Text Memory. When the carriage is not at the left margin, it moves automatically to the left margin.

4 Press the **1** or **2** Key to select the margins.
1 Key .... CURRENT
2 Key .... STORED
The stored text will be displayed.



b. How to Enter Text

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 MODE END

Functions Stored in the Text Memory

- **Margins** ..... The present margin settings will be stored in the Text Memory.
- **Pitch** ..... The present pitch settings will be stored in the Text Memory.
- **Tabs** ..... The space positions will be stored in the Text Memory as permanent space positions.
- **Bold**
- **Underlined** ..... Can be set freely.

1 Set the left and right margins, tabs and printing pitch.
These margins and printing pitch are stored in the memory.

2 Press the **TEXT IN/OUT** Key, select a file which does not contain text and enter the Text Memory Mode.

3 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 a phrase or when preparing tables. The return mark "↵" will then appear on the LCD Display.

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

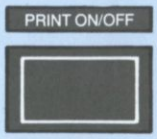
C. How to Print Text

1 Set the line spacing and pitch to the desired position.

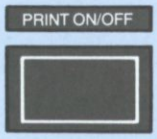
2 When the stored margins are not to be used, set the margins, printing pitch and carriage position.
- When you wish to perform justified printing of a text, set the Operation Mode to "JUST".

3 Press the **TEXT IN/OUT** Key, press the number corresponding to the file whose contents are to be printed and select the margins.

4 Press the **PRINT ON/OFF** Key.
Printing starts from the cursor position.
(To print from any point in the text, move the cursor to that point beforehand.)



5 To stop printing temporarily at any point, 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 to resume printing.
- When printing has been temporarily stopped, text can be entered with the keys and words or phrases can be inserted, but they are not stored in the Text Memory.

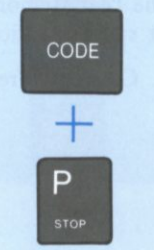


- While the unit is not printing, none of the indications "TPWR MODE", "L/L MODE" or "JUST MODE" will appear on the LCD Display.

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.

Stop Codes

The RK-T25 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.

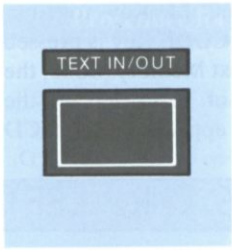


During text entry, input the Stop Code by pressing the **P** Key while pressing the **CODE** Key.
As a result when the text is printed out, printing will stop at that point and the variable information can be typed.

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

When you wish to continuously print text for a long period, use the Panasonic AC Adaptor RP-K942 (included).

d. How to Edit Text



1 Press the **TEXT IN/OUT** Key, press the number corresponding to the file whose contents are to be edited and select the margins.

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.

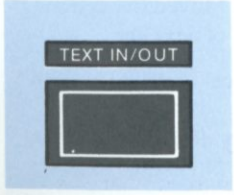
CODE + BACK SPACE .... The cursor moves to the beginning of the previous line.

EXP .... The cursor moves to the beginning of the text.

RELOC .... 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.

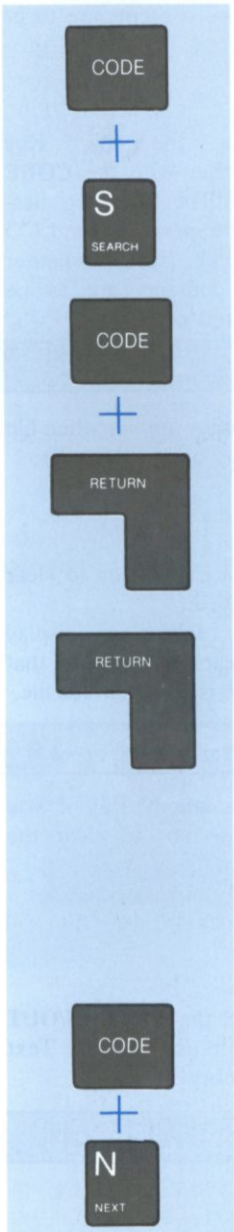


3 Upon completion of the editing, press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

TEXT MODE END

e. Word Search

You can search for specific words in the Text Memory with ease.



1 Press the **S** Key together with the **CODE** Key when editing text. The following message will appear on the LCD Display.

S.WD=

2 Enter the word or phrase to be searched. When searching for a phrase that includes the return mark, press the **CODE** Key and **RETURN** Key to insert the return mark.

3 Press the **RETURN** Key. The search starts from the cursor position and the word initially located is displayed.

- If the words are not found in the text, "NOT FOUND!!" appears and the cursor position remains unchanged.

NOT FOUND !!

4 Each time you press the **N** Key together with the **CODE** Key, you can successively search for the same word.
To search for a different word, press the **S** Key together with the **CODE** Key, then re-input the new word.

- By pressing the **S** Key together with the **CODE** Key, the previously input word will be erased.

f. How to Clear Text

1 Press the **TEXT IN/OUT** Key, press the number corresponding to the file whose contents are to be cleared.

2 Press the ⌫ Key together with the **CODE** Key. The following message appears on the LCD Display. (Check whether the contents are to be cleared or not.)

```
DELETE #1 Y/N ?
```

(Display applies when file 1 has been selected.)

3 Press the **Y** Key to clear the text.
The following display appears to indicate that there is no text in the file.

```
1
```

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

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

```
TEXT MODE END
```

g. Check of Remaining Memory

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

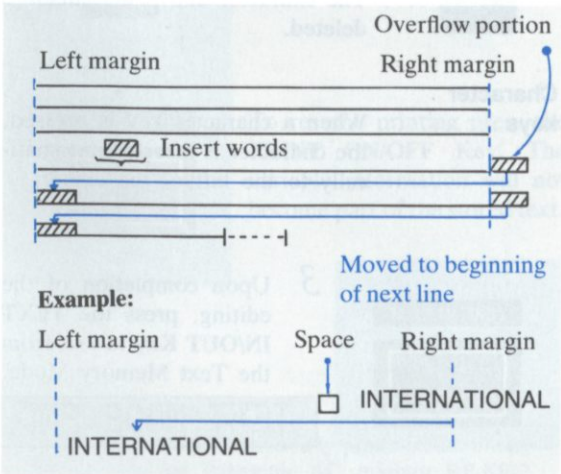
```
256 CHR. LEFT
```

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 !!
```

h. 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.



i. Examples of Use

Procedure for entering text into file 1

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

- **Left margin** ..... "10" position
- **Tab** ..... "30" position
- **Right margin** ..... "70" position

2 Press the **RETURN** (↵) Key.

3 Press the **TEXT IN/OUT** Key. The following messages appear on the LCD display.

```
TEXT  MODE
TEXT  # ?
```

4 Press the **1** Key to select file 1.

```
1◆_
```

5 Press the **TAB** Key and enter "TEXT MEMORY". Then after pressing the **RETURN** Key twice, enter the following text, including the mistakes.

> TAB TEXT MEMORY ↵
> ↵
> Panasonic ofers the convenience of text storage in ↵ electronic typewriter. Once infformation is stored, ↵ it can be ervised and reprinted. Use it to store ↵ frequently used words and frases, paragraphs, even ↵ form letters.

6 Upon completion of the text entry, press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

```
TEXT MODE END
```

Editing text entered in file 1

The following 4 mistakes are contained in the text which was entered in file 1.

TEXT MEMORY

Panasonic ofers the convenience of text storage in electronic typewriter. Once information is stored, it can be revised and reprinted. Use it to store frequently used words and frases, paragraphs, even form letters.

1st
2nd
3rd
4th
5th
6th
7th

These mistakes will now be corrected.

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

TEXT MODE

TEXT # ?

2 Press the **1** Key to select file 1.

SELECT MARGIN

1 : CURRENT

2 : STORED

3 Press the **2** Key.
The required spaces which have been stored in place of the **TAB** Key appear on the LCD Display.

1

4 Move the cursor in order to correct the first mistake (in the 3rd line), "ofers" to "offers".
First, while pressing the **CODE** Key, press the **FWD** Key twice.
The first 15 characters of the third line now appear on the LCD Display.

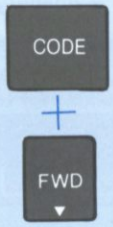
Panasonic ofers

5 Press the **FWD** Key 11 times to move the cursor below "f".

Panasonic ofers

6 When the **F** Key is pressed, "f" is inserted at the left of the cursor.

Panasonic offer



7 Now correct the second mistake (in the 4th line), "infformation" to "information".
Press the **FWD** Key together with the **CODE** Key. The first 15 characters of the fourth line now appear on the LCD Display.

electronic type

8 Press the **FWD** Key and move the cursor to the "f" in the word "infformation".
- When the **FWD** Key is kept pressed, the cursor moves continuously.

ter. Once inff

9 When the ⌫ Key is pressed, the "f" character above the cursor is deleted.

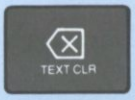
iter. Once inf

10 Now correct the third mistake (in the 5th line), "ervised" to "revised".
Press the **FWD** Key together with the **CODE** Key.
The first 15 characters of the fifth line now appear on the LCD Display.

it can be ervis

11 Press the **FWD** Key to move the cursor to below the "r" in "ervised".

it can be ervis

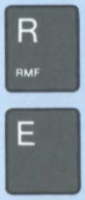


12 Press the ⌫ Key twice to delete "er".

it can be vised

13 Press the **FWD** Key once to move the cursor to below the "v".

it can be vised



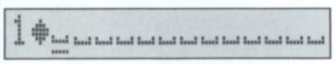
14 Press the **R** Key to insert "r" and again press the **E** Key to insert "e".

it can be revis

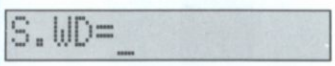
Searching for words in the text

Next, use the word search function to search for mistakes. Correct "frases" in the sixth line to "phrases".

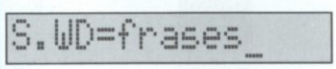
1 Press the **EXP** Key to bring the cursor to the beginning of the text.



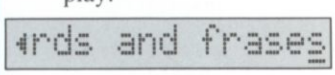
2 Press the **S** Key together with the **CODE** Key.



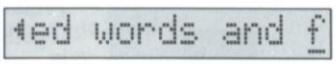
3 Since "frases" is to be searched, enter this word.



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

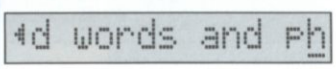


5 Press the **BACK SPACE** Key to move the cursor to below the "f" in "frases".



6 Press the **P** Key to insert "p" and then press the **H** Key to insert "h".

7 Press the ⌫ Key to delete "f".



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

Adding text after stored text

Additional text may be entered with the text in file 1.

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

```
TEXT  MODE
TEXT  # ?
```

2 Press the **1** Key to select file 1.

```
SELECT MARGIN
1 : CURRENT
2 : STORED
```

3 Press the **1** or **2** Key to select the margins.

or

```
1
```

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

```
form letters._
```

5 Press the **RETURN** Key and then enter the following text.

With text memory, you're open to an assortment of applications previously available only in more expensive wordprocessing packages.

6 Upon completion of the text entry, press the **TEXT IN/OUT** Key to exit from the Text Memory Mode.

```
TEXT MODE END
```

- The new text is stored at the end of the text previously stored in file 1.

Printing stored text

First, print out the contents of file 1 with the stored margins.

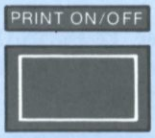
1 Press the **TEXT IN/OUT** Key to enter the Text Memory Mode.

```
TEXT  MODE
TEXT  # ?
```

2 Press the **1** Key to select file 1.

```
SELECT MARGIN
1 : CURRENT
2 : STORED
```

3 Press the **2** Key.



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

```
TEXT PRINTING
```

TEXT MEMORY

Panasonic offers the convenience of text storage in electronic typewriter. Once information is stored, it can be revised and reprinted. Use it to store frequently used words and phrases, paragraphs, even form letters.
With text memory, you're open to an assortment of applications previously available only in more expensive wordprocessing packages.

Upon completion of the printing, an exit is made automatically from the Text Memory Mode.
Now change the left and right margins, select the current margin and try to print the same text.

Printing can be started at any point in the text. Simply recall the text using the same operations as for "Text Edit", then position the cursor at the point at which you want to start printing then press the **PRINT ON/OFF** Key.

Deleting stored text

Delete text which has been entered in file 1.

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

```
TEXT  MODE
TEXT  # ?
```

2 Press the **1** Key to select file 1.

```
SELECT MARGIN
1 : CURRENT
2 : STORED
```

3 Press the ⌫ Key together with the **CODE** Key.

```
DELETE #1 Y/N ?
```

4 When the **Y** Key is pressed, all the text in file 1 is deleted.

```
1                    _
```

- When the **N** Key is pressed, the file 1 text is not deleted.

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

```
TEXT MODE END
```

3-2 USE AS A PRINTER

This unit can be used as a printer to print data received from a computer via the optional RP-K100 Interface Adaptor.

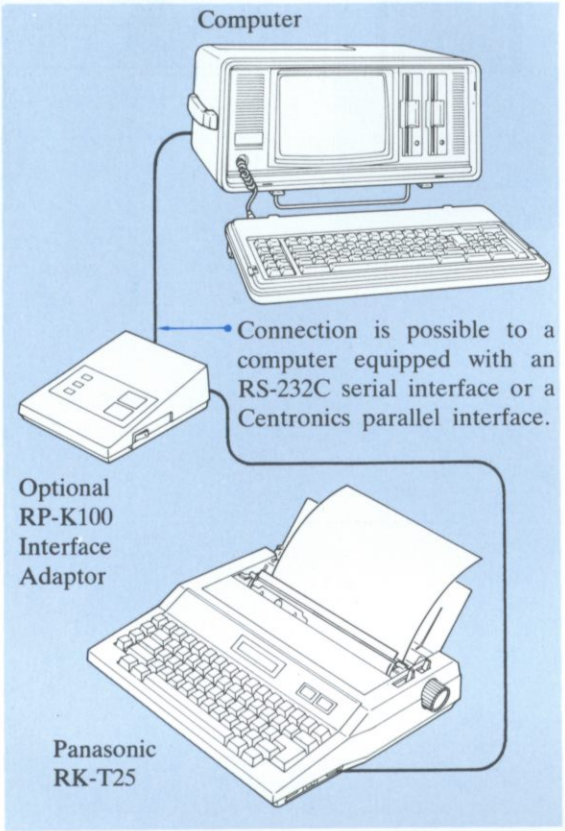
- Use the unit in the "EXT" External Mode.

The following two types of interface are available:

- **Serial (RS-232C)**
  - Transmission speed: 300 Baud
  - Data length: 8 bits
  - Stop bit: 1 or 2 bits
  - Parity: None
- **Parallel (Centronics specifications)**

a. Connection to a Computer

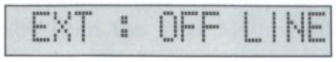
- Switch off the power before proceeding with the connections.
- Before connecting the computer, refer to the operating instructions for the RP-K100.



RS-232C Interface Cables (Optional Accessories)

Computer	RS-232C Serial Interface Card	Cable
Panasonic Sr. Partner RL-H7000	(built in)	RP-K110
Commodore 64	VIC1011A (Commodore) or equivalent	RP-K110
Apple II	Super Serial Card (Apple)	RP-K110
IBM PC	Asynchronous Adaptor Card (IBM)	RP-K111
Panasonic Exec. Partner	(built in)	RP-K111

- When you wish to use the unit as a printer, use the Panasonic AC Adaptor RP-K942 (included).
- Turn on the unit's power before starting to transmit data from the computer via the RP-K100 Interface Adaptor.
- You can temporarily stop printing by pressing the **PRINT ON/OFF** Key on the RK-T25.
  When the unit is not printing, the following indication will appear.



- While data is being received by the Interface Adaptor, the carriage automatically returns when it reaches the right margin. The paper advances one line and printing continues.
- If the unit's power is switched off and printing is forcibly stopped while data is being transmitted, the data will remain in the buffer memory of the RP-K100 Interface Adaptor.
  When printing is to be resumed, stop the transmission from the computer and turn off the power of the RP-K100 Interface Adaptor to clear the buffer memory.

b. Data Types

Printing Codes

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

Upper / Lower	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	ˆ		
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	l	Space			¢	Á	à			Ñ
D	CR		−	=	M	Space	m	Space			£	É	è			ã
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.

c. 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

d. Auto Line Feed Operation

Automatic Line Feed can be selected by setting the Carriage Return Mode as below (while data is being received from the interface).

- Automatic Carriage Return Mode ..... Auto Line Feed ON
- Manual Carriage Return Mode ..... 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

4 APPENDIX

4-1 CAUTIONS 52
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- **b.** Remodeling, Contact, etc. 52
- **c.** Locations for use 52
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4-3 LIST OF CODE KEY FUNCTIONS 54

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- **b.** Product Service 57
- **c.** Caution 57

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4-6 SPECIFICATIONS 60

4-1 CAUTIONS

a. Power Supply

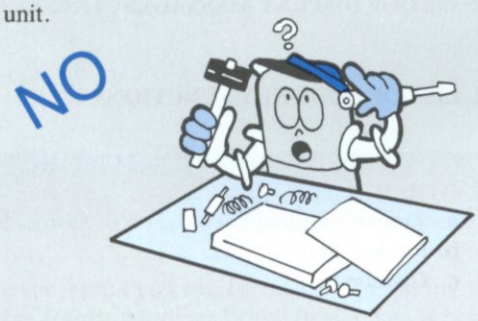
Always grasp the plug when inserting into, or removing it from the AC Socket.
Never pull on the cord.

- 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.



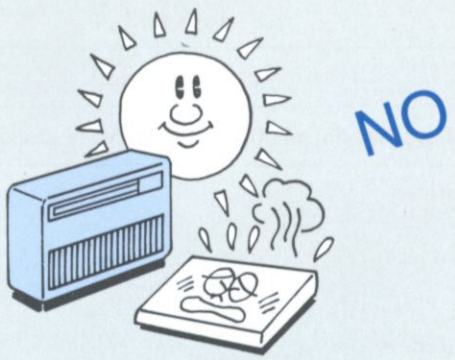
Do not place containers with water on top of the unit.

- 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.

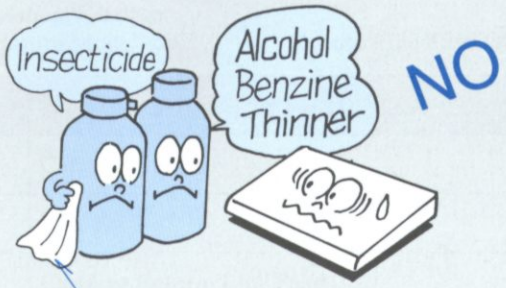


- Do not use the unit on a slant or at an angle.

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.



4-2 LIST OF DISPLAY MESSAGES

TPWR MODE	...Typewriter Mode	Refer to page 26.
L/L MODE	...Line by Line Mode	Refer to page 26.
JUST MODE	...Justify Printing Mode	Refer to page 26.
EXT : ON LINE	...External mode	Refer to page 30.
DECIMAL TAB	...Decimal tab	Refer to page 31.
L-R CENTERING	...Centering between margins	Refer to page 32.
TAB CENTERING	...Centering between tabs	Refer to page 32.
R-MARGIN FLUSH	...Right margin flush	Refer to page 33.
TEXT MODE	...Text Memory Mode has been entered	Refer to pages 35 to 47.
TEXT # ?	...Text file number is selected	Refer to pages 35 to 47.
TEXT PRINTING	...Text printing	Refer to pages 35 to 47.
TEXT MODE END	...Text Memory Mode has been exited	Refer to pages 35 to 47.
SELECT MARGIN	...Margin settings are selected	Refer to pages 35 to 47.
1 : CURRENT	...Currently set margins	Refer to pages 35 to 47.
2 : STORED	...Margins applying when text was stored	Refer to pages 35 to 47.
S.WD=_	...Searching for a word or phrase	Refer to pages 35 to 47.
NOT FOUND !!	...Word or phrase searched is not been found	Refer to page 39.
DELETE #1 Y/N ?	...Confirmation of Text Cleared	Refer to page 40.
256 CHR. LEFT	...Check of Remaining Memory	Refer to page 40.
MEMORY FULL !!	...No more text can be entered into memory	Refer to page 40.
EXT : OFF LINE	...External mode (off line)	Refer to page 48.
NO TEXT DATA	...There is no text for printing.	

4-3 LIST OF CODE KEY FUNCTIONS

CODE + TAB CLR — Clearing all tabs
Refer to page 22.

CODE + MODE MAR REL — Operation Mode setting
Refer to page 25.

CODE + LINE SP ! 1 — Line Spacing Mode setting
Refer to page 27.

CODE + KEYBOARD @ 2 — Keyboard Mode setting
Refer to page 28.

CODE + PITCH # 3 — Pitch Mode setting
Refer to page 28.

CODE + xx $ 4 — Underlined Printing setting
Refer to page 29.

CODE + xx % 5 — Bold Printing setting
Refer to page 29.

CODE + AUTO ¢ 6 — Carriage Return Mode setting
Refer to page 29.

CODE + Space Bar — Permanent Space
Refer to page 29.

CODE + _ - — Permanent Hyphen
Refer to page 29.

CODE + P INDENT & 7 — Paragraph Indent
Refer to page 30.

CODE + EXT * 8 — External Mode setting
Refer to page 30.

CODE + TAB D TAB — Decimal Tab
Refer to page 31.

CODE + C CENTER — Centering
Refer to page 32.

CODE + R RMF — Right Margin Flush
Refer to page 33.

CODE + H HALF SP — Half Space
Refer to page 34.

CODE + P STOP — Stop Code
Refer to page 38.

CODE + FWD ▼ — Cursor moves to next line
Refer to page 39.

CODE + BACK SPACE ▲ — Cursor moves to previous line
Refer to page 39.

CODE + S SEARCH — Word Search
Refer to page 39.

CODE + N NEXT — Sequential Word Search
Refer to page 39.

CODE + RETURN — Used to enter return mark with Word Search input
Refer to page 39.

CODE + TEXT CLR — Text Clear
Refer to page 40.

CODE + M QUANTITY — Remaining amount of text memory indicated
Refer to page 40.

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.	The plug of the connecting cord of the Ni-Cd Battery Pack is not correctly connected.	Correctly connect the plug of the connecting cord.	8–10
	AC Adaptor plug has not been disconnected from main unit when power supply has been switched over to batteries.	Disconnect AC Adaptor plug from External Power Input Jack.	8–10
	Disconnected AC Adaptor plug.	Connect plug properly.	8–10
	POWER Switch on "OFF".	Set the **POWER** Switch to "ON".	11
	The Automatic Power "OFF" Function has operated.	Turn "OFF" the **POWER** Switch then turn it "ON" again.	11
	External Mode.	Put the unit in the TPWR or L/L Mode.	25
	The LCD Contrast Adjuster is set to low contrast.	Adjust the setting of the LCD Contrast Adjuster.	——
	The battery has run down after a very short period of use, even though it was correctly charged.	Replace the battery pack with a new one. (optional)	8–10
Unit does not print correctly, or printing is blurred.	Flashing LCD Display (battery has worn out).	Recharge the battery.	10
	Paper Release Lever is in Release position.	Push lever to Lock position.	17
	End of Ribbon Cassette or Correction Tape.	Replace with new Ribbon Cassette or Correction Tape.	14, 15
No deletion even with ⌫ Key; blurred characters.	Correction Tape is not installed.	Install Correction Tape.	16
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.	22
	Text Memory is full.	Re-edit the data or cancel the Text Memory Mode.	40
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 main unit from operating properly.	**All Reset** 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 holding down the **CODE** Key. At this time the Text Memory, Margin, Tab, etc., are all cleared.	——

Symptom	Cause	Remedy/check	Reference page
When the buzzer sounds, a message will appear on the LCD Display, and the unit will cease to operate.	"CARRI. INIT ERR" appeared on the LCD Display.	Check to see if there is any foreign matter in the carriage mechanism.	——
		Connect the AC Adaptor and check the operation of the unit.	8–10
		Check to see that the Ni-Cd Battery Pack is correctly connected.	8–10
		Charge the Ni-Cd Battery Pack.	8–10
	"WHEEL INIT ERR" or "WHEEL STOP ERR" appeared on the LCD Display.	Check to see that the Cupwheel Print Element is installed.	12, 13
		Re-install the Cupwheel Print Element.	12, 13
	"RIBBON INIT ERR" or "RIBBON STOP ERR" appeared on the LCD Display.	Re-install the Ribbon Cassette.	14, 15
		Replace the Ribbon Cassette with a new Cassette.	14, 15
	"PLATEN INIT ERR" or "PLATEN STOP ERR" appeared on the LCD Display.	Check to see if there is any foreign matter adhering to the platen.	——
		Charge the Ni-Cd Battery Pack.	——

ANY TIME YOU PLACE YOUR HANDS NEAR THE INSIDE OF THE UNIT MAKE SURE THAT THE AC ADAPTOR IS DISCONNECTED AND THE POWER SWITCH IS IN THE "OFF" POSITION.

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.

- Use shielded cables for connection to RS-232C devices or other peripherals to ensure continued compliance with FCC emission limits.

4-5 OPTIONAL ACCESSORIES

Cupwheel Print Element

- PICA10 **RP-T150**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- ELITE12 **RP-T151**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- SCRIPT1012 **RP-T152**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

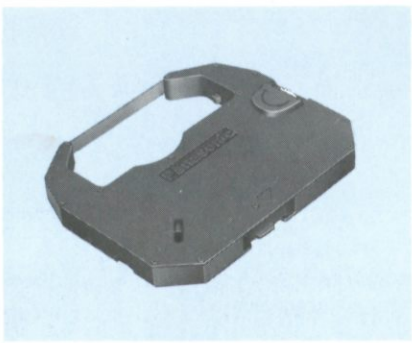
- COURIER10 **RP-T153**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

- GOTHIC15 **RP-T154**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Ribbon Cassette

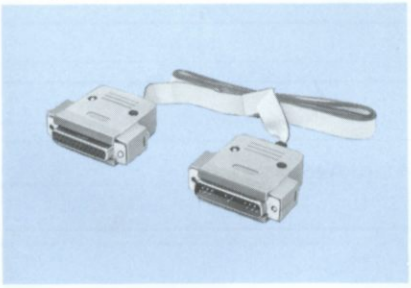


- Correctable Film Ribbon Cassette **RP-T132**
- Fabric Ribbon **RP-T142**

Correction Tape

- Lift-Off Correction Tape (2 pcs) **RP-T131**
- Cover-Up Correction Tape (2 pcs) **RP-T141**

Computer Interface Cable (RS-232C)

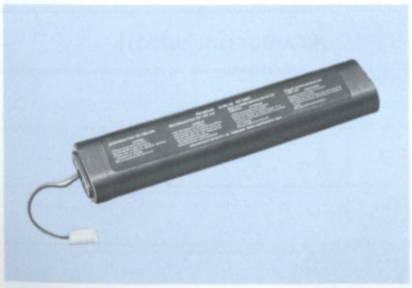


- RS-232C Interface Cable **RP-K110** [for Commodore 64, Apple II and Panasonic RL-H7000 (Sr. Partner)]
- RS-232C Interface Cable **RP-K111** (for IBM PC, Panasonic Exec. Partner)

Interface Adaptor

- Parallel/Serial Interface Adaptor **RP-K100**

Ni-Cd Battery Pack



- **RP-K901**

For Cupwheel Print Element, Ribbon Cassette, Correction Tape or Computer Interface Cable only, you can also contact your nearest Authorized Parts Distributor by calling.

1-800-447-4700

4-6 SPECIFICATIONS

Print Element	Cupwheel: 96 characters
Print Speed	11 characters/sec
Print Pitch	10 characters/inch 81 characters/line 12 characters/inch 97 characters/line 15 characters/inch 121 characters/line
Line Spacing	1, 1½, 2
Paper Capacity	Max. 11.2 inches (283.3 mm)
Print Capacity	Max. 8 inches (203.2 mm)
Display	15-character LCD Display
Ribbon Cassette	Correctable Film Ribbon (Standard Accessory) Fabric Ribbon
Correction Tape	Lift-Off Tape (Standard Accessory) Cover-Up Tape
Keyboard	Character Key: 45 Keys Function Key: 18 Keys
Correction Memory	One line
Text Memory	Max. 3350 characters
Interface	RS-232C (Serial) and Centronics (Parallel) with optional Interface Adaptor RP-K100 (receive only)
Power Supply	Batteries: Optional Ni-Cd Battery Pack (RP-K901) AC: 120 V, 60 Hz [Use of Panasonic RP-K942 AC Adaptor (included)]
Power Consumption	28 W [Use of Panasonic RP-K942 AC Adaptor (included)]
Memory Protection	Lithium Battery (Built-in)
Operating Temperature	41°F~95°F (5°C~35°C)
Dimensions (W×H×D)	14.3"×3.2"×13.2" (364×81×335 mm)
Weight	9.0 lbs. (4.1 kg) without battery

●Design and Specifications are subject to change without notice.

MEMO

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Division of Matsushita Electric
of Puerto Rico, Inc.
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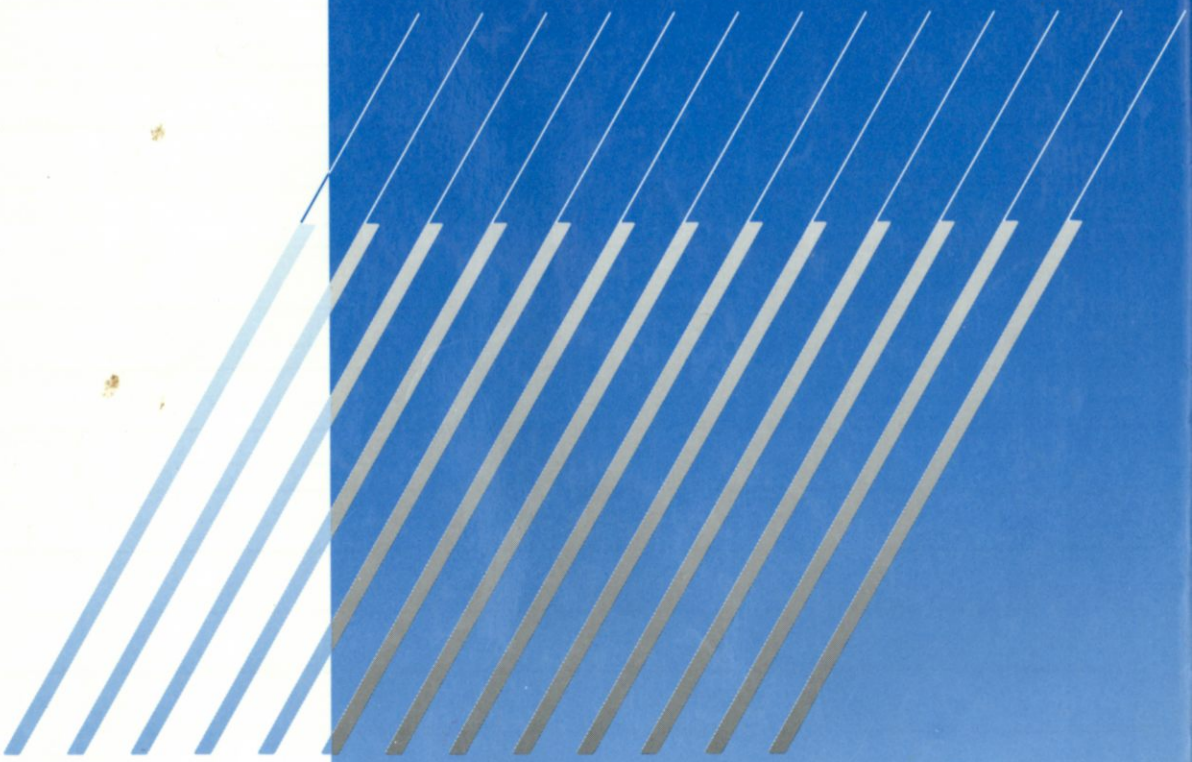
Carolina, Puerto Rico 00630



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