OSR   Panasonic KX-P1124

Print method	24-pin impact serial dot matrix
Print speed	192 cps draft-elite, 160 cps draft-pica, 63 cps LQ-elite, 53 cps LQ-pica
Resolution	360 dpi maximum
Fonts	Draft: Pica, Elite; LQ: Courier, Prestige, Bold PS, Script, Sans Serif
Paper handling	Push/pull tractor feed, friction feed
Interfaces	CENTRONICS parallel
Emulations	Epson LQ-2500, IBM Proprinter X24
Reliability	Print head: 100 million characters in draft
Options	RS-232C Serial Interface Board, Auto Cut Sheet Feeder, 32K Buffer Chip

Control Panel

	C1	C2	C3	C4	C5	C6
	PGM					
R1 — PITCH	DRAFT	COURIER	PRESTIGE	BOLD PS	SCRIPT	SANS SERIF
FONT	10	12	15	17	20	PS
R2 — FORMLENGTH	11"	12"	14"	8"	8.5"	11
LPI	6	8	3	4	7.5	12
R3 — OTHERS	QUIET	LEFT MARGIN	RIGHT MARGIN	MACRO#1	MACRO#2	MACRO#3
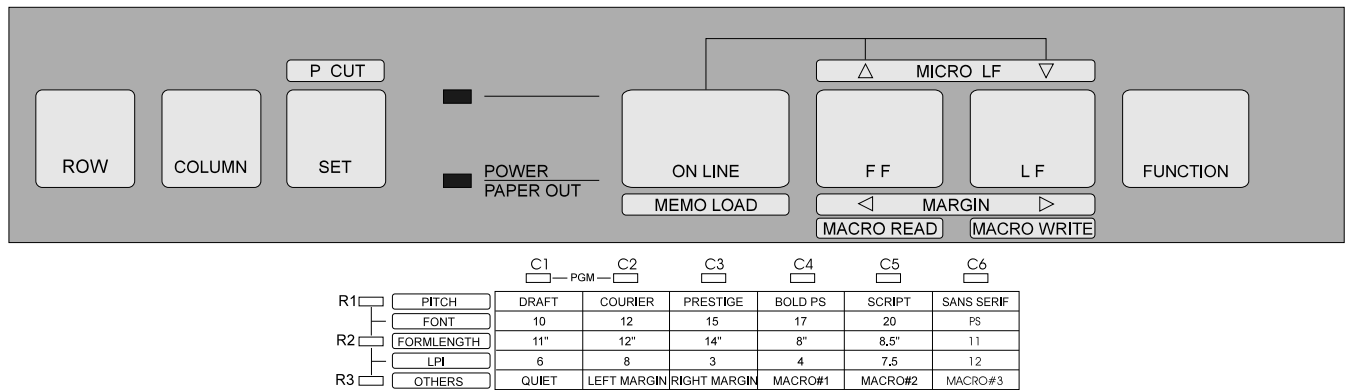
ON LINE light - Indicates that the printer is online and able to receive information.

Column lights - (C1-C6) - Indicate the current setting on the Column Control Table. A blinking light indicates a setting selectable by pressing the **SET** key.

Row lights - (R1, R2, R3) - Indicate the current row setting on the column control table.

POWER/PAPER OUT light - Indicates power is being supplied to the printer. A blinking light indicates absence of paper to the printer.

FUNCTION key - Press to enter FUNCTION mode and set the control table.

ON LINE key - Press to toggle the printer between online and offline. When printer is offline, press in conjunction with **FF** and **LF** keys to advance the paper one micro line. In the FUNCTION mode, will perform a MEMO LOAD (loads paper if not installed or parks paper if paper is installed).

FF key - Advances the paper to the top of the next page when printer is not printing. Press in conjunction with the **ON LINE** key to advance paper one micro line. In the FUNCTION mode, **FF** moves the carriage left when the control table is in the RIGHT/LEFT MARGIN position. Also, sets the MACRO # 1, 2, or 3 READ mode.

LF key - Advances paper one line when printer is not printing. Hold the key down to advance multiple line feeds. Press in conjunction with the **ON LINE** key to reverse the paper one micro line. In the function mode, **LF** moves the carriage right when the control table is in the RIGHT/LEFT MARGIN position. Also sets the MACRO # 1, 2, or 3 WRITE mode.

ROW key - Advances the row position on the Control Table.

COLUMN key - Advances the column position on the Control Table.

SET key - Sets the conditions on the Control Table in FUNCTION mode. If printer is not in FUNCTION mode, performs a perforation cut when the paper feed selector is in the "T PUSH" position.

Self-test
Press the **LF** key while turning the printer power ON. All ASCII characters will print in draft and all LQ fonts will print in 10 cpi. For 20 minutes printing will be draft; at this time, press the **COLUMN** key to change the font. Press the **Power** key OFF, at any time, to stop the test.

Printer Configuration
The Control Table allows the user to make changes in font, pitch, form length, LPI or margins. To store these changes, use the Macro keys on the Control Panel.
To set Control Table, Press the **FUNCTION** key. Press and release the **ROW** key until the desired selection is displayed. Press the **COLUMN** key in the same manner. Press **SET** key to store the setting temporarily. Press the **FUNCTION** key to exit.

To store changes permanently press **MACRO WRITE** key.
1. Confirm that printer is ONLINE. If not, press **FUNCTION** key.
2. Select desired print settings using the **ROW** and **COLUMN** keys.
3. Press and release the **ROW** key until "OTHERS" is displayed.
4. Press and release the **COLUMN** key until "MACRO #1", "2", or "3" is displayed.
5. Press **LF** key. Printer will emit 2 beeps.
6. Press **SET** key to store into permanent memory. Printer will emit 1 beep.
7. Press **FUNCTION** key to exit.

To Reset all settings to Factory Default:
1. Press **FUNCTION** key while turning power ON.
2. Press **FF** key.
3. Press **SET** key.
4. Press **FUNCTION** key.

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Common Problems and Fixes

Printer Not Printing - Check power cord. Confirm that **ON LINE** key is on and cover is closed. Check interface cable connection. Check paper supply. Re-insert ribbon cartridge.

Paper Motion Problems - Set paper supply lower than the printer. Ensure that the paper feed selector is in the proper tractor or single sheet position.

Communication - Verify correct position of interface cable. Ensure that the Control Table settings are in the desired positions.

Critical Adjustments

Print Head Gap - The six position lever moves the printhead closer or farther from the platen. For single sheets, set the head gap lever in the upper position (-). For thick paper or multiple envelopes, move to lower position (+).

Hex Dump

To activate, press **LF** and **FF** keys while turning the power ON. All data sent to the printer will print in hex code as its equivalent ASCII code. To reset, cycle printer power.

Cover Removal

To remove top cover and smoked plastic cover, lift up and away towards the rear of the printer.

Paper Loading

Single Sheets

1. Turn ON power switch (located on right side of printer near the front).
2. Adjust the print head gap lever to the correct paper thickness.
3. Ensure that the paper feed selector is in the single sheet position.
4. Slide top cover toward the rear of the printer until some resistance is felt.
5. Open the paper door located under the Control Panel, and insert paper, face up, using the paper guide to align. Continue guiding paper until some resistance is felt.
6. Press **FUNCTION** key. ON LINE light will blink.
7. Press **ON LINE** key to MEMO LOAD the paper to first print line.
8. Set the paper feed selector back to the "T PULL" position to allow positioning as required. Set selector back to "F" before printing.
9. Press ON LINE key to begin printing.

Paper Loading

Fanfold Paper

1. Turn ON power switch (located on right side of printer near the front).
2. Adjust the print head gap lever to the correct paper thickness.
3. Open the top cover and the smoked plastic cover.
4. Pinch the two tractor position shift levers and spin the tractor device upward until it falls into place.
5. Pull the tractor clamping levers forward to unlock the tractors. Slide out the tractors to the sides and raise the tractor covers.
6. Place the paper feed selector in the "T PULL" position.
7. Load the paper through the bottom slot and pull it up.
8. Align the tractor pins with the sprocket holes. Ensure the paper is straight and close covers.
9. Using the marks on the rear cabinet as a guide, align the paper horizontally without any slack.
10. Center the paper supports between the tractors.
11. Lock tractors in place by pressing back on the tractor clamping levers.
12. Advance paper to the desired first print position using the **LF** key.
13. Cycle printer power to set top of form.
14. Replace top cover and smoked plastic cover.
15. Press **ON LINE** key to get ready to print.

Field Replaceable Units

DESCRIPTION	OEM P/N
Ribbon cassette, black	KX-P145

Note: Be sure to print a menu/configuration list before swapping the printer.

IBM P/N 31F0705

IBM machine type 1515-P51

Tech Support 800-877-7763