

Table 6.1

Category	LCD Status Message	LED						Trouble or Status	Remedy
		K	C	M	Y	READY	ATTENTION		
Daily status	■■■■■■■■■■ ■■■■■■■■■■	Undefined	Undefined	Undefined	Undefined	ON	OFF	Displayed when the page printer is powered on.	Normal operation When powered on, the page printer turns on LEDs for about one second to check whether the LEDs and the LCD are normal.
	INITIALIZING	Undefined	Undefined	Undefined	Undefined	OFF	OFF	Displayed while the controller is initializing (after the page printer is powered on).	Normal operation
	ON-LINE .xxx tttt	Undefined	Undefined	Undefined	Undefined	ON	Undefined	The printer is in the on-line mode.	Normal operation
	OFF-LINE .xxx tttt	Undefined	Undefined	Undefined	Undefined	OFF	Undefined	The printer is in the off-line mode.	Normal operation
	PRINTING	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Displayed while the page printer is printing.	Normal operation
	PROCESSING .xxx	Undefined	Undefined	Undefined	Undefined	Blink	Undefined	Displayed while the page printer is receiving data or performing the output processing.	Normal operation
	DATA PRESENT .xxx	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Indicates that the data remains unprinted in the buffer.	Normal operation
	RESET TO FLUSH	Undefined	Undefined	Undefined	Undefined	ON	Undefined	This message is displayed data remain unprinted in the buffer (offline). This message prompts the user to press the RESET switch, if cancel the data.	To clear this message, press the RESET switch.
	RESET TO SAVE	Undefined	Undefined	Undefined	Undefined	OFF	OFF	This message prompts the user need to press the RESET switch before writing the new menu setting in EEPROM. This message is displayed when the printer cannot reset automatically as there remain data and temporary attributes (DLL, macro, user patter, or user symbol set) .	To clear this message, press the RESET switch.
	FLUSHING JOB	Undefined	Undefined	Undefined	Undefined	Blink	OFF	Indicates that the data (to the end of processing) is being canceled.	Normal operation
	PS NOT AVAILABLE	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Indicates that a printer language which is not available has been specified by the PjL command.	Normal operation When "CLEARABLE WARNINGS" on the menu is set to "ON", press the RECOVER switch to clear the message.
	COPY nnn/mmm	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Displays the number of a copies being printed out when the number of copies being printed is two or more.	Normal operation

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Daily status	TNR SNS *****	ON	ON	ON	ON	Undefined	ON	Indicates that Toner sensor is abnormal when page counter is above thirty. (The LED of the color lights)	This message is cleared when the drum is properly positioned or sensor lever which is exchanged correspond to the LED color lights.
	POWER SAVING	Undefined	Undefined	Undefined	Undefined	Undefined	Undefined	Indicates that the page printer enters the Power Save mode (in which the heater is powered off).	Normal operation
	TNR LOW *****	ON	ON	ON	ON	Undefined	ON or Blink	Indicator that the toner of the specified color is running out. However, when "LOW TONER" is set to "OFF," the ATTENTION indicator blinks.	Normal operation This message is cleared when the toner cartridge is replaced.
	CNG DRUM *****	ON	ON	ON	ON	Undefined	ON	Indicates that the life of a specified color drum has come. (The LED of the color lights.)	Normal operation This message is cleared when the specified drum is replaced. After the drum is replaced, its drum counter must be reset. (See the user's manual.)
	FUSER LIFE	Undefined	Undefined	Undefined	Undefined	Undefined	ON	Indicates that the life of the Heat unit Assy has come.	Normal operation This message is cleared when the Heat unit Assy is replaced. After the Heat unit Assy is replaced, its counter must be reset. (See the user's manual.)
	BELT LIFE	Undefined	Undefined	Undefined	Undefined	Undefined	ON	Indicates that the life of the belt cassette Assy has come.	Normal operation This message is cleared when the belt cassette assembly is replaced. After the belt cassette assembly is replaced, its counter must be reset. (See the user's manual.)
	RESET	OFF	OFF	OFF	OFF	OFF	OFF	Cleans the data left unprinted in the buffer and initializes the printer to the user default status. The temporary DLL, macro, and user patterns are deleted.	Normal operation
	PRINT DEMO PAGE	Undefined	Undefined	Undefined	Undefined	Blink or ON	Undefined	Prints out a demo page. This operation is started by a command when the READY LED is on or by a switch when the READY LED is blinking.	Normal operation

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Daily status	PRINT MENU	Undefined	Undefined	Undefined	Undefined	Blink or ON	Undefined	Prints out a menu setting. This operation is started by a command when the READY LED is on or by a switch when the READY LED is blinking.	Normal operation
	OIL ROLLER LIFE	Undefined	Undefined	Undefined	Undefined	Undefined	ON	Indicates that the life of the Oil roller assy has come. (Warning)	This message is cleared when the oil roller assy is replaced. After the oil roller assy is replaced, its counter must be reset. (See the user's manual)
	OIL ROLLER LIFE	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the life of the Oil roller assy has come. (Alarm)	
	PRINT FONTS	Undefined	Undefined	Undefined	Undefined	Blink or ON	Undefined	Prints out all character sets (fonts) that the page printer contains. This operation is started by a command when the READY LED is on or by a switch when the READY LED is blinking.	Normal operation
	***** TONER EMPTY	Blink	Blink	Blink	Blink	OFF	Blink	Displayed when 50 pages are printed after "Toner Low" was detected to prompt the user to replace the toner cartridge.	This message temporarily disappears when a cover of the page printer is opened but will be displayed every 20 pages unless the cartridge is replaced.
	WASTE TONER FULL	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Displayed when 100 pages are printed after "Box toner Assy Full" was detected to prompt the user to replace the box toner Assy.	This error is reset when the box toner Assy is replaced. Printing is suppressed until it is replaced.
	FRONT TRAY ERROR PRESS RECOVERKEY	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the front feeder has caused a home position error.	The front feeder becomes not available when the RECOVER switch is pressed. The other tray is available. This message is cleared when the front feeder assembly is replaced.
	COVER OPEN	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the printer covers is open.	This error is reset when the cover is closed. If this error occurs frequently, go to 6.5.2.
	BELT NOT INSTALLED	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the belt cassette Assy has not been installed.	This error is recovered when the belt cassette Assy is installed. Printing is suppressed until the belt cassette assembly is installed.

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Daily status	WASTE TONER BOX NOT INSTALLED	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the box toner Assy has not been installed.	This error is recovered when the box toner Assy is installed. Printing is suppressed until the box toner assembly is installed.
	WASTE TNR NRFULL	Undefined	Undefined	Undefined	Undefined	Undefined	ON	Indicates that the Box toner Assy is near full.	Nothing
	OIL PAD NOT INSTALLED	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the Oil pad Assy has not been installed.	Please install the Oil pad Assy.
Buffer Overflow	ERROR MEMORY OVERFLOW	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that data overflowed the memory space. - Too much print data in one page - Too much macro data - Too much DLL data - Data overflow after compression of frame data	This error is recovered when the RECOVER switch is pressed. Expand RAM or reduce data.
	ERROR RECEIVE BUFFER OVERFLOW	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the receive buffer was overflowed.	This error is recovered when the RECOVER switch is pressed. Change the setting of Receive Buffer Size in the User Maintenance more bigger then send the data from the host or expand RAM.
Tray Paper Out	PAPER OUT mmmmmmmm ttttt	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the tray is empty or the cassette assembly has not been installed. mm...m: paper size (Letter, Executive, Legal 14, Legal 13, A4, A5, A6, or B5 size) ttttt: Tray type (Tray 1, Tray 2, or Front)	This message is cleared when paper is set in the tray or the cassette assembly is mounted.
	CANNOT USE A6 PAPER ON TRAY 2	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Displayed when the second tray (optional) contains A6-size paper.	The second tray (optional) cannot use A6-size paper. The A6-size paper is available to the first tray or to the front feeder.
	TRAY 1 INSTALL	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the first tray is pulled out also when the second tray (optional) is used.	This message is cleared when the first tray is remounted correctly.
Paper Request	mmmmmm MANUAL PAPER REQUEST	Undefined	Undefined	Undefined	Undefined	ON	OFF	Requests the user to load the specified paper by message from manual feeder. mm...m: paper size (Letter, Executive, Legal 14, Legal 13, A4, A5, A6, or B5 size)	Normal operation This message is cleared when the specified paper is loaded from manual feeder.

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Paper Request	mmmmmmmm ttttt PAPER REQUEST	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Requests the user to load the specified paper in the tray. mm...m: paper size (Letter, Executive, Legal 14, Legal 13, A4, A5, A6, or B5 size) ttttt: Tray type (Tray 1, Tray 2, or Front)	Normal operation This message is cleared when paper is set in the specified tray.
Paper Size Error	ERROR PAPER SIZE CHECK ttttt	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that paper of the illegal size was fed from the specified tray. ttttt: Tray type (Tray 1, Tray 2, or Front)	Check the size of paper in the tray or whether two or more paper sheets are fed at a time. When the cover is opened and closed, this error is reset and printing resumes. If this error occurs frequently, go to 6.5.2.
Paper Jam Error	PAPER INPUT JAM CHECK ttttt	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that a paper jam occurred on the paper feeding from the specified tray. ttttt: Tray type (Tray 1, Tray 2, or Front)	Check the size of paper in the tray or whether two or more paper sheets were fed at a time. When the cover is opened and closed, this error is reset and printing resumes. If this error occurs frequently, go to 6.5.2.
	PAPER FEED JAM CHECK ttttt	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that a paper coming out of the tray jammed on the paper traveling printer. ttttt: Tray type (Tray 1, Tray 2, or Front)	Check the size of paper in the tray or whether two or more paper sheets were fed at a time. When the cover is opened and closed, this error is reset and printing resumes. If this error occurs frequently, go to 6.5.2.
	PAPER EXIT JAM REMOVE THE PAPER	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that a paper jammed on the way to the exit.	Open the cover and remove a paper jam from the inside of the page printer. When the cover is opened and closed, this error is reset and printing resumes. If this error occurs frequently, go to 6.5.2.
Interface Error	OKI HSP I/F CARD RESETTING	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the OKI HSP interface card is being reset.	The page printer recovers automatically when resetting is complete.

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Interface Error	Jam 001 Error	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that Process error occurred.	Notifies that the power supply LSI has been reset due to noise, etc. (process error) Open cover and remove the paper. Close cover to recover and proceed.
	ERROR HOST I/F OKI HSP xx	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that a fatal OKI HSP interface error has occurred. xx=10: Interface timeout xx=20: Initialization failed 10 seconds after the page printer is powered on. xx=21: It takes 3 seconds or more before the RUN mode starts or the page printer received a Run Mode command in the power-on mode. xx=22: HSP-PC communication error	The page printer recovers from the error when the RECOVER switch is pressed. If this error occurs frequently, replace the OKI HSP interface card or the main board (PCR PCB).
Controller Error	EEPROM RESETTING	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the ID number of EEPROM is invalid.	Sets the default values in EEPROM and it'll be recovered automatically.
	ERROR POSTSCRIPT	Undefined	Undefined	Undefined	Undefined	Blink	OFF	Indicates that the interpreter detected one of the errors given below. The data coming after this error is recovered until the end of the command. When the reception of the command is completed, this message is reset automatically. - Invalid PostScript command - The page is complicated and the vertical memory is full.	Simplify the pages.

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Controller Error	ERROR nn	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Code (nn)	Details of error	Remedy
								10	Indicates that an error was found in the program ROM by the program ROM check.	Turn on the power of the page printer again. If this error still occurs, replace the program ROM on the main board (PCR PCB) or the main board itself. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
								30	Indicates that an error was found in the resident RAM by the resident RAM check.	Turn on the power of the page printer again. If this error still occurs, replace the main board (PCR PCB). When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
								40	Indicates that an error was found in the EEPROM by the EEPROM check.	Turn on the power of the page printer again. If this error still occurs, replace the program ROM on the main board (PCR PCB) or the main board itself. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
								50	Indicates that an error was found in the optional ROM by the optional ROM check.	Turn on the power of the page printer again. If this error still occurs, replace the optional ROM on the main board (PCR PCB) or the main board itself. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
								60	Indicates that an error was found in the optional RAM by the optional RAM check.	Check the connection of the option RAM. Turn on the power of the page printer again. If this error still occurs, replace the main board (PCR PCB) or the option RAM. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.

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		K	C	M	Y	READY	ATTENTION	Code (nn)	Details of error	
Controller Error	ERROR nn	Blink	Blink	Blink	Blink	OFF	Blink	77	Indicates that Toner sensor is abnormal when page counter is below thirty.(alarm)	This message is cleared when the drum is properly positioned or sensor lever which is exchanged correspond to the LED color lights.
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	80	Indicates that a timeout occurred on interface between the page printer and the operator panel.	Check the connection between the main board and the operation panel. Turn on the power of the page printer again. If this error still occurs, replace the cable, the main board (PCR PCB) or the cover assembly operation panel. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	82	Indicates that a timeout occurred on CU-PU interface.	Check the connection between the main board and the engine board. Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the main board (PCR PCB) or the engine board (PX4 PCB), or the board itself. When replacing the main board (PCR PCB), demount the EEPROM chip from the old main board and remount it on the new main board.
		Blink	Blink	Blink	Blink	OFF	Blink	92	Indicates that the printer overruns.	See Chapter 6.5.2
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	D6	Yellow Image drum unit up/down error	See Chapter 6.5.2
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	D7	Magenta Image drum unit up/down error	See Chapter 6.5.2
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	D8	Cyan Image drum unit up/down error	See Chapter 6.5.2
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	D9	Black Image drum unit up/down error	
		Undefined	Undefined	Undefined	Undefined	OFF	Blink	DA	Environment temperature sensor error	Make sure that the surrounding temperature stays $-10 < t < 50^{\circ}\text{C}$. If this condition is not satisfied, adjust the surrounding temperature, otherwise satisfied, replace the sensor board (RXM-PCB), junction board (PXF-PCB) or engine board (PX4-PCB).
		Undefined	Undefined	Undefined	Undefined	OFF	Blink			

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Controller Error	ERROR nn	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Code (nn)	Details of error	Remedy
								DB	Humidity sensor error	Make sure that the relative humidity stays 0% < h < 95%. (the subsequent contents are the same as those of [DA])
								DC	Waste-toner sensor error	Re-mount the waste toner box and re-power on to ensure whether the alarm goes off or not. If the alarm stays on, exchange waste toner sensor, or replace the junction board (PXF-PCB) or engine board (PX4-PCB).
								DE	Pinch roller up/down error	Turn on the power of the page printer again. If this error still occurs, replace the engine board (PX4 PCB) or the front feed assembly.
								E0	Fusing Unit Error	See Chapter 6.5.2
								E1	Fan Motor Error	See Chapter 6.5.2
								E8	Option status error 2 (Error on interface between the engine board and the second tray)	Check the connection between the engine board and the second tray board. Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the engine board (PX4 PCB), the junction board (PXF PCB), the second tray board (AOLT PCB). When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								E9	SRAM error	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the engine board (PX4 PCB) or the engine board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
						EA	PW-LSI error	Turn on the power of the page printer again. If this error still occurs, replace the power supply board (power-supply PCB).		

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		K	C	M	Y	READY	ATTENTION	Code (nn)	Details of error	
Controller Error	ERROR nn	Undefined	Undefined	Undefined	Undefined	OFF	Blink			
								EC	Engine firmware lost control	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the engine board (PX4 PCB) or the engine board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								ED	EEPROM error (Timeout)	Turn on the power of the page printer again. If this error still occurs, replace the EEPROM of the engine board (PX4 PCB) or the engine board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								EE	EEPROM error (Not Exist)	remount it on the new main board. Turn on the power of the page printer again. If this error still occurs, replace the EEPROM of the engine board (PX4 PCB) or the engine board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								EF	Engine ROM/RAM error	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the engine board (PX4 PCB) or the engine board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								F0	Monitor error (Double wait)	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the main board (PCR PCB) or the main board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.

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		K	C	M	Y	READY	ATTENTION	Code (nn)	Details of error	
Controller Error	ERROR nn	Undefined	Undefined	Undefined	Undefined	OFF	Blink			
								F1	Monitor error (Argument error)	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the main board (PCR PCB) or the main board. When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								F4	Engine background error	Turn on the power of the page printer again. If this error still occurs, replace the program ROM of the engine board (PX4-PCB) or the engine board.

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Controller Error	ERROR CONTROLLER nn-aaaaaaaa	Undefined	Undefined	Undefined	Undefined	OFF	Blink	Indicates that the controller error has occurred.	Turn on the power of the page printer again. The error will be reset.		
								Code (nn)		Details of error	Remedy
								01		TLB (Translation Lookaside Buffer) correction exception	If the error still occurs, replace the main board (PCR PCB). When replacing the main board, demount the EEPROM chip from the old main board and remount it on the new main board.
								02		TLB exception (Load or Instruction Fetch)	
								03		TLB exception (Store)	
								04		Address error exception (Load or Instruction Fetch)	
								05		Address error exception (Store)	
								06		Bus error exception (Instruction Fetch)	
								07		Bus error exception (Data Load or Store)	
								08		System call exception	
								09		Break point exception	
								0A		Reserved instruction exception	
								0B		Co-processor disabled exception	
								0C		Operation overflow exception	
								0D		Trap exception	
								0F		Floating-point exception	
								B0		NMI: Hardware breakpoint	
B1	NMI: Write protect										
C0	Cache error										

6.5.2 LCD message troubleshooting

If a trouble cannot be repaired according to the LCD message trouble list, troubleshoot according to the troubleshooting chart.

No.	Trouble	Flowchart Number
1	The printer does not work normally after being turned on.	①
2	JAM Error Paper Input Jam (1st Tray) Paper Input Jam (Front Feeder) Paper Feed Jam Paper Exit Jam2-4	②-1 ②-2 ②-3 ②-4
3	Paper Size Error	③
4	I/D Unit Up/Down Error	④
5	Fusing Unit Error	⑤
6	Fan Motor Error	⑥
7	Cannot receive data from parallel interface.	⑦
8	Cannot receive data from OKI HSP interface.	⑧

Note: When replacing the main board (PCR PCB) and the engine board (PX4 PCB), demount the EEPROM chips from the old board and remount them on the new main boards.