Table 7-1 LCD messages (1/6)

Category	LCD message display	Trouble	Remedy
Engine errors	ERROR ENGINE	LLAB board ··· ROM errors, timer errors, EEPROM errors, optional IPT errors	– See 7.5.2.⑤.
	ERROR ENGINE FAN PROBLEM	The fan is halted, or power (+ 38 V) is not fed to the fan.	– Check for the presence of foreign matter in the fan. – Check the fan for proper connection. – Replace the fan or the LLAB board.
	ERROR ENGINE FUSING PROBLEM	The fuser unit has not reached a prescribed temperature or it is above that temperature.	– See 7.5.2.④.
Interface errors	ERROR OP-PANEL I/F TIMEOUT	Communication error between the CU and the operator panel. No response is received from the operator panel even after a specified number of times of retry from the CU.	If this error occurs frequently, replace the LBPE board, the operator panel, or LLAB board as appropriate.
	ERROR PRINTER I/F TIMEOUT	Error between the CU and the PU. A timeout occurred without the PU receiving data transmitted from the CU.	Replace the LBPE board. Replace the LLAB board.
	ERROR LOOP TEST	An error occurred during an RS-232C line loopback test. (A special connector for loop tests is required.)	Replace the LLRS board. Replace the loop test connector.
Controller errors	ERROR OPTION RAM CHECK	A RAM write/read compare error occurred in the optional RAM board.	Replace the optional RAM board.
	ERROR RESIDENT RAM CHECK	A RAM write/read compare error occurred in the internal 512 kbyte RAM on the LBPE board.	– Replace the LBPE board.

Table 7-1 LCD messages (2/6)

Category	LCD message display	Trouble	Remedy
Controller errors	ERROR EEPROM	Illegal data was read from the EEPROM at power on time	Press the operator panel RECOVER switch to recover from the error. (The printer will then default to factory settings.)
	ERROR FONT ROM CHECK	There is an error in the internal font ROM on the LBPE board (checksum error).	– Replace the LBPE board.
	ERROR PROGRAM ROM CHECK	There is an error in the ROM on the LBPE board (checksum error).	– Replace the LBPE board.
	ERROR FONT CARD CHECK	There is an error in the data on the font card (checksum error).	– Replace the font card. – Replace the LBPE board.
Font card errors	ERROR FONT CARD REMOVED ON-LINE	The font card was extracted during online operation.	Turn the power on again to recover from the error.
	FONT CARD FONT NOT FOUND	The font card used by the CU was extracted.	Insert the font card back into original position.
Cover open	COVER OPEN	The upper cover was opened.	– Close the upper cover. – If the display does not change even after this procedure, replace the cover open microswitch or the LLAB board.
Jam errors	PAPER FEED JAM	A jam occurred in the cassette section. The top of paper failed to reach the entrance sensor within few seconds after the activation of the hopping roller. (Retry is attempted three times.) Or the entrance sensor was on when the power was turned on.	– Open the cover and remove the paper, then close the cover. – See 7.5.2 ②-1.
Connection error	■ or No display	Connection from operator panel to CU error or Operator panel, LBPE	Connection check Operator panel or LBPE replacement

Table 7-1 LCD messages (3/6)

Category	LCD message display	Trouble	Remedy
Jam errors	PAPER JAM	A paper jam occurred. The top of paper failed to reach the outlet sensor within 9.6 seconds after it passed the entrance sensor. Or the outlet sensor was on when the length of paper passage at the outlet sensor was the specified paper length ± 45 mm or when the power was turned on.	– Open the cover and remove the jam, then close the cover. – See 7.5.2 ②-2.
	SIZE TRAY ERROR	This error occurs when the difference between the print paper length and the paper length (tray size) identified by the printer is ± 45 mm or more. It is detected by the time of paper passage at the inlet sensor.	– See 7.5.2 ③.
Tray requests	PAPER OUT TRAY	The tray has run out of paper.	Load paper in the tray.
	EXECUTIVE TRAY REQUEST	An executive tray is requested.	Replace with an executive tray, or press the RECOVER switch to force printing with the present tray.
	LETTER TRAY REQUEST	A letter tray is requested.	Replace with a letter tray, or press the RECOVER switch to force printing with the present tray.
	LEGAL TRAY REQUEST	A legal tray is requested.	Replace with a legal tray, or press the RECOVER switch to force printing with the present tray.
	ENVELOPE TRAY REQUEST	An envelope tray is requested.	Replace with an envelope tray or press the RECOVER switch to force printing with the present tray.

Table 7-1 LCD messages (4/6)

Category	LCD message display	Trouble	Remedy
Requests for manual paper loading	EXECUTIVE PAPER MANUAL REQUEST†	Executive-size paper is requested.	Load paper in the manual tray and press the FORM FEED switch.
	LETTER PAPER MANUAL REQUEST	Letter-size paper is requested.	Load paper in the manual tray and press the FORM FEED switch.
	LEGAL 14 INCH MANUAL REQUEST	Legal-size (14-inch) paper is requested.	Load paper in the manual tray and press the FORM FEED switch.
	LEGAL 13 INCH MANUAL REQUEST	Legal-size (13-inch) paper is requested.	Load paper in the manual tray and press the FORM FEED switch.
	MONARCH ENVELOPE MANUAL REQUEST	An envelope (Monarch 7 3/4) is requested.	Load paper in the manual tray and press the FORM FEED switch.
	COM-10 ENVELOPE MANUAL REQUEST	An envelope (Commercial 10) is requested.	Load paper in the manual tray and press the FORM FEED switch.
	DL ENVELOPE MANUAL REQUEST	An envelope (International DL) is requested.	Load paper in the manual tray and press the FORM FEED switch.
	C5 ENVELOPE MANUAL REQUEST	An envelope (International C5) is requested.	Load paper in the manual tray and press the FORM FEED switch.
	A4 PAPER MANUAL REQUEST	A4-size paper is requested.	Load paper in the manual tray and press the FORM FEED switch.
Buffer overflow	ERROR RECEIVE BUFFER OVERFLOW	The receiver buffer overflowed (receive busy control disabled).	– Replace the interface cable. – Replace the interface board (LLRS or LLCP).
	ERROR PAGE BUFFER OVERFLOW	The page buffer overflowed because it received too much data to be printed in a page.	– Install additional optional RAM board. – Reduce the amount of print data. – Reduce the number of DLLs or macros cataloged.

Table 7-1 LCD messages (5/6)

Category	LCD message display	Trouble	Remedy
Buffer overflow	ERROR DLL BUFFER OVERFLOW	The DLL buffer overflowed.	– Install additional optional RAM board. – Reduce the number of macros cataloged. – Reduce the number of DLLs cataloged.
	ERROR MACRO BUFFER OVERFLOW	The macro buffer overflowed.	– Install additional optional RAM board. – Reduce the number of DLLs cataloged. – Reduce the number of macros cataloged.
	ERROR PRINT OVERRUN	Print data is too complicated to be printed.	– Alter the print data (reduce data overlays).
Daily status	ON-LINE	The printer is in the online mode.	–
	OFF-LINE	The printer is in the offline mode.	–
	DATA PRESENT	Received data is present in the page buffer.	Press the FORM FEED switch in the offline mode to force printing.
	PRINT FONTS	This message is displayed while a font is being printed during self test.	–
	CONTINUOUS PRINT	This message is displayed while continuous self test is in progress.	–
	LOOP TEST	This message is displayed while RS-232C loop testing is in progress.	–
	TONER LOW*	Toner is running out.	Supply toner.
	TONER LOW DATA*	Print data was received while toner was low.	–
	PRINT MENU	This message is displayed while a menu is being printed during self test.	–

* displays only when toner end sensor is inable.

Table 7-1 LCD messages (6/6)

Category	LCD message display	Trouble	Remedy
Daily status	RESET	The internal status of the printer has been reset.	–
	MENU RESET	The printer defaults to factory settings.	–
	WARMING UP	The printer is warming up.	–
	CHANGE DRUM	The drum is aging.	Replace the image drum cartridge. After replacing the cartridge, reset the drum counter (Refer to the User's Manual).