

ML 3410 Error Displays

Printer Mode		Alarm	SELECT	Contents
Operation Mode	On Line	OFF	ON	Indicates that the printer is ready for receiving.
	HEX DUMP			Indicates that the printer is in the hex dump mode.
	LOCAL	OFF	OFF	Indicates that the printer is in the local mode.
	MENU			Indicates that the printer is in the Menu Mode.
Operator Alarm	Paper End	ON	OFF	Form end, single sheet end, or bottom paper end
	Paper Jam			SASF paper jam or double paper setting
	CSF Paper Jam			Paper jam or paper end when CSF is installed
	Cover Open	ON	OFF	Indicates that the cover is open
	Print Suppress	OFF	BLINK	Indicates that the printer is in the print suppress mode.
	Printhead thermal Alarm.	OFF	ON	For details see Table
Fault Alarm		BLINK	ON	For details see paragraph (2) fault alarm options.

Fault Alarm Display

When the printer detects any of the various alarm states, the information is displayed on the operation panel. The alarm is specified by lamp combination of PRINT QUALITY and CHARACTER PITCH (see table below)

Error Category	PQ Lamp	CPI Lamp	Comments	Remedies
F/W Alarm	non	10	Message Alarm (Program internal error)	<ul style="list-style-type: none"> - Turn the power off and then on again - Replace the Program ROM - Replace the control board
		12	Over run Alarm (Program internal error)	
CPU Alarm	HSD	10	Internal RAM error	
		12	NMI Alarm (Non maskable interrupt)	
		15	Watch Dog Timer Alarm (program is out of control)	
		17	Break Alarm (program runs in illegal address)	
ROM / RAM Alarm	UTILTIY	10	Program ROM error	
		12	EEPROM error	
		15	External RAM error	
Mechanical Alarm	GOTHIC	10	Spacing error	Refer to flow chart 2
		12	Homing error	Refer to flow chart 3
		15	Bail Arm error	Refer to flow chart 3
		17	Position sense error (SP motor doesn't stop)	Replace the control board
		20	Fan error (Power Supply overhead)	Refer to flow chart 3
		PROP	Power down error (+38V is too low)	Refer to flow chart 1
		10 + PROP	Head Thermister error	Replace the Printhead

Conditions	LED's			Comments
	Primary Message		Current PITCH Lamp	
	Alarm Lamp	Select Switch		
Alarm 1	OFF	ON	ON	Unidirectional Printing
Alarm 2	OFF	ON	BLINK	Stops printing , and resume to print after cool down