

ML 520/521

Alarm Category	Alarm Item	LED Display									Remarks
		10 cpi	12 cpi	15 cpi	17 cpi	20 cpi	Prop.	HSD	UTL	NLQ	
Main Control Alarm	MPU Internal	On	-	-	-	-	-	-	-	-	Read Write error
	Program ROM	-	-	On	-	-	-	-	-	-	Check Sum error
	RAM on Control Board	-	-	-	-	On	-	-	-	-	Read Write error
	EEPROM	-	-	On	-	-	-	-	-	On	No reaction when MPU reads data
Firmware Detection Alarm	Watch Dog Time-out	-	-	-	On	-	-	-	-	-	MPU is locked up
	NMI Signal	-	-	-	On	-	-	On	-	-	NMI port of MPU is kept at low level
	BRK Instruction	-	-	-	On	-	-	-	On	-	FFFF Data is detected
Serial Interface Alarm	MPU Internal	On	-	-	-	-	-	On	-	-	Read write error
	ROM	-	-	On	-	-	-	On	-	-	Check Sum Error
	RAM on I/F	-	-	-	-	On	-	On	-	-	Read Write
	I/F	-	On	-	-	-	-	On	-	-	No reaction from I/F board
Spacing Alarm	Spacing Alarm	-	-	-	-	-	-	On	On	-	Space IPT has not occurred
	Head Homing	-	-	-	-	-	-	On	-	On	Print Head does not reach home position
	Spacing	-	-	-	-	-	-	-	On	On	Space IPT has not occurred
Print Head Alarm	A/D	On	-	-	-	On	-	-	-	-	Thermistor Error
	Print Head Gap A/D	On	-	-	-	On	-	On	-	-	Print Head Gap Adjustment failure
	Print Head Data Alarm	On	-	-	-	On	-	-	On	-	Parity error or P.H. not fitted
	Printhead type alarm	On	-	-	-	-	On	-	-	-	24 Pin Head mounted or P.H. faulty
	P.H. connection Alarm 1	On	-	-	-	-	On	On	-	-	Printhead removed during printing
	P.H. connection Alarm 2	On	-	-	-	-	On	-	On	-	Overdrive active but current not detected
	P.H. Gap 2 Alarm	On	-	-	-	On	-	-	-	On	Self adjustment failure
Driver Alarm	LF/SP Driver	On	-	-	-	On	On	-	-	-	TSD signal has not changed

All the above error indications have the Alarm light blinking at 200ms frequency