LEVEL ZERO DIAGNOSTICS

Output to port 00 controls the LED panel situated next to peripheral adapter slot 7. Output zero turns all LEDs on, output FF turns all LEDs off. Figure 3.14 shows the errors indicated by various LED-on combinations. The LED numbers refer to the numbers printed on the LED panel.

LED ON	OUT PORT 00	SIGNIFICANCE
None	FF	Check complete
1+8	7E	Sumcheck error
2+8	BE	GDC error
3+8	DE	Disk drive error
4+8	EE	16-bit processor error
5+8	F6	Keyboard error
6+8	FA	DMA error
7+8	FC	Memory error
All	00	Processor error

Figure 3.14

COLOR

It is not possible to set color by means of a terminal function code. However, you can set color by means of the CRT attribute byte at the absolute memory address F345.

Foreground and background colors are determined by the six most significant bits of the attribute byte (see Figure 3.15). Bit one set activates video blinking.

If you are using one of the special versions of the operating system for either Arabic or the Dead-Key facility, you should also refer to the information immediately following the BIOS link-list at the end of Appendix B.