

Portable PLUS Technical Reference Manual
Additions and Clarifications
October, 1985

page 5-7, Set Mode

Due to a bug, the graphics cursor is displayed two lines higher than where it actually is.

page 5-9, Write Attribute/Character at Current Cursor Position

Dots are ORed with any existing dots; previous text is not erased.

page 5-48, Read Clock or Alarm

The pointer address is ES:DI, not ES:SI. (The pointer address for Write Clock or Alarm is correct as shown.)

page 5-80, Sleep Interrupt

The BX register is not preserved.

page 5-86, AUX Expansion Interupt

There are two mentions of "FFh" on the page; they should both be changed to "FFFFh".

page 6-14, Baud Rate

Caution: When characters are coming in steadily at 9600 or 19200 baud, pressing any key on the keyboard will cause loss of characters.

page 6-34, Clear/Set Bell Enable

The description of this escape sequence is correct, but due to a bug, the enable and disable were reversed in the first release. If you use this escape sequence in a program, you should check the ROM revisions and only reverse the enable and disable for the first revision.

In the first revision of the system ROMs, each ROM has an "A" as the last byte. These six bytes appear in memory as three words, located at D000:FFFE, E000:FFFE, and F000:FFFE. If any of these words is not "AA", the system ROMs have been revised and this bug has been fixed.

page 6-35, Clear/Set Keyboard Modes

Due to a bug, the zero command does not turn off numeric keypad mode. For a workaround, see the addition to page 6-50 below.

page 6-49, Modifier Mode

The one-byte special keys you will see are:

80h-87h	same as scancode mode	
88h	caps lock was just turned on	
89h	caps lock was just turned off	
8Ah	[Stop] or [Extend char] [Stop]*	\
8Bh	[System]	\
8Ch	[Menu]	\ the usual act

8Dh	[CTRL] [Stop] or [Break]*	/ is not done
8Eh	[Select]	/
8Fh	[Num]	/
9Bh	used instead of ESC to unambiguously begin a two-byte key sequence. The second byte will be identical to HP keyboard mode.	

* [CTRL] [Break] will still cause reboot

page 6-50, Enable Numeric Keypad

n Turns off the numeric keypad.

page 6-51, Disable Special Modes

Due to a bug, the Y command does not turn off numeric keypad mode. Use the n command instead.

page 13-1, bottom of page

Due to a bug, if a non-mutable character is typed, the mute is not cancelled and will appear on a later character.