

Special notes:

- 1) In a custom display you cannot mix modes 8, 9, 10, and 11. For example, if you use mode 9 in the display, you cannot use modes 8, 10, and 11.
- 2) Because the custom modes use wide display features, the left and right edges of the display are normally off the screen. One problem with this is that the cursor can be moved off the screen and you might lose track of it. If this should happen, type H. This will send you to the help menu which lists the horizontal and vertical location of the cursor in the lower right hand corner.
- 3) In Advan BASIC the maximum number of bytes a display can use is 8191. The program will give an error message if you try to exceed this limit.

CPlot@ command

Normally the PLOT command is used in BASIC to set a screen point to a given color. PLOT, however, will not work for custom modes; CPlot@ is used instead. Its format is

CPlot@ integerexpression, integerexpression

As with PLOT, you must give a COLOR command before using CPlot@. The second integerexpression is the display line you want to plot to. The first integerexpression is the horizontal position in the line. The following table gives its maximum value for each possible mode. The minimum value is always zero.

Mode	Max. Horiz. Position
1,2	23
0,3,12,13	47
4,5,9,10,11	95
6,7,14,15	191
8	383

Before you can use CPlot@ you must append CPlot.APP, which is located on the disks which came with this manual. Like PUSING.APP, it will not appear when you list the program it is appended to. See Appendix B if you want to use CPlot@ to plot character data (i.e., data in modes 0, 1, 2, 12, and 13).

CPrint@ command

The Advan BASIC PRINT command cannot be used with custom displays; CPrint@ is used instead. Its format is

CPrint@ stringexpression, integerexpression, integerexpression

The stringexpression gives the string to be displayed. The first integerexpression specifies the column number (0 is the left most). The second integerexpression specifies the display line number (0 is the top).