ColorLink & Digital Prism

Using the RGB Card

When you boot the /RGB disk after installing your **ColorLink** or **Digital Prism**, you should see on the screen a ProDOS startup message then the Applied Engineering startup message. If this is not what you see, then turn off the power and check to see that the card is properly installed and all of the cables are properly connected.

If the picture is rolling and not getting proper sync, check to see if you are using a monitor that requires the ribbon cable with the 9 pin D-type connector. If you are, you will want to try changing the SYNC SELECTION SWITCH which is one of the four dip switches located on the end of the RGB card closest to the keyboard of the Apple //e. The SYNC SELECTION SWITCH is switch 3 of the dip switches. When the SYNC SELECTION SWITCH is pushed so that it is down toward the side marked OPEN, NEGATIVE SYNC is selected. When the switch is flipped the other direction, POSITIVE SYNC is selected. Some monitors that use the 9 pin D-type connector use negative sync and some use positive sync. If your monitor will not properly sync up, try pushing the SYNC SELECTION SWITCH in the opposite direction.

When you get the proper messages, the first thing you will notice is that the RGB monitor displays the same thing as the regular video monitor, except that the RGB monitor displays it in a blue color. Except for the color, the screen format is the same as the regular Apple screen format: 24 lines of 40 characters each. If you do not like the screen text display color, you can change it to one of three other colors by using the Text Color Switches which are switches 1 and 2 of the dip switches. Only switches 1 and 2 of four dip switches will affect the text color. A table for the Text Color Switches is shown below.

Switch 1	Switch 2	Text Color
OFF	OFF	WHITE
OFF	ON	BLUE
ON	OFF	AMBER
ON	ON	GREEN

The settings on the Text Color Switches have no effect on the other operations of the RGB card; the Hi-Res RGB graphics will work the same no matter what the switch settings of the Text Color Switches. The switches are easy to access while the card is installed in the Apple and may be changed while the card is in operation. If you do not like the text displayed in blue, you can change the colors now.

Dip switch 4 is the COLOR MAPPING SWITCH. Some monitors which use the 9 pin D-type cable have different color maps than others. In order to get the proper colors on the screen, the switch might need to be switched in one direction or the other. If the colors you see on your screen do not look correct to you, try flipping the COLOR MAPPING SWITCH the other way.