

Appendix A—Manual Configuration, Two Monitor Systems.

Manual Configuration: Although users of most single monitor installations may normally rely on Automatic Monitor Detection to do configuration of the *AutoSwitch* EGA Card for them, it is sometimes necessary to manually set up the card. The following circumstances dictate that the *AutoSwitch* EGA Card be manually configured.

- When Automatic Monitor Detection cannot distinguish the type of monitor connected.
- When the user desires a default mode of operation other than that chosen by Automatic Monitor Detection.
- When the user wishes to use a two monitor system (the *AutoSwitch* EGA Card in conjunction with another video card).

To manually configure the card for operation in a single monitor system where the *AutoSwitch* EGA Card is the only video card present, perform the following steps.

1. Locate the 6 lever DIP switch on the back of the *AutoSwitch* EGA Card.
2. Move lever 6 to the OFF position, thus disabling Automatic Monitor Detection.

3. Set lever 5 as appropriate for your installation. Lever 5 enables or disables *AutoSwitch* (independently from Automatic Monitor Detection). Setting lever 5 ON enables *AutoSwitch*. Setting lever 5 OFF disables *AutoSwitch*.
4. Refer to the chart below and find the switch settings for levers 1 through 4 that describes the monitor you will be using with the *AutoSwitch* EGA Card and the desired default mode when applicable.

Monitor in use:	Lever 1	Lever 2	Lever 3	Lever 4
Monochrome	OFF	OFF	ON	OFF
Standard RGB (40 column mode is default)	ON	OFF	OFF	ON
Standard RGB (80 column mode is default)	OFF	OFF	OFF	ON
Enhanced RGB (200 line or emulation of standard RGB is default)	ON	ON	ON	OFF
Enhanced RGB (350 line, true enhanced operation is default)	OFF	ON	ON	OFF

Two Monitor Systems: The *AutoSwitch* EGA Card may be installed in conjunction with another video card and monitor pair. The video card/monitor combinations described below are the only multiple card *AutoSwitch* EGA Card installations supported by Paradise Systems. Look below to find the system description that meets your needs. You will be directed to an appropriate *AutoSwitch* EGA Card switch setting table.

Please note: When you install the *AutoSwitch* EGA Card with another video adapter, you are still restricted to the normal limit of having only one RGB or composite display and one monochrome display attached to your system. For example, if the *AutoSwitch* EGA Card is installed in conjunction with a monochrome display adapter, you may only connect a standard or enhanced color monitor to the *AutoSwitch* EGA Card and you may only connect a monochrome display to the monochrome display adapter.

Important: Regardless of whether you are installing a single or two video card system, always set system board switches (PC's, XT's and compatibles) or run the SETUP program (AT's or compatibles) as if you were installing an EGA card.

The *AutoSwitch* EGA Card and an IBM monochrome display adapter or equivalent. The display connected to the *AutoSwitch* EGA Card will be the primary display. Use Table 1.

The *AutoSwitch* EGA Card and an IBM monochrome display adapter equivalent. The display connected to the monochrome display adapter will be the primary display. Use Table 2.

The *AutoSwitch* EGA Card and an IBM color/graphics display adapter or equivalent. The display connected to the *AutoSwitch* EGA Card will be the primary display. Use Table 3.

The *AutoSwitch* EGA Card and an IBM color/graphics display adapter or equivalent. The display connected to the color/graphics display adapter will be the primary display. Use Table 4.

Table 1. The *AutoSwitch* EGA Card and an IBM monochrome display adapter, *AutoSwitch* EGA Card primary.

AutoSwitch EGA Card Switches

Lever 1	Lever 2	Lever 3	Lever 4	Lever 5	Lever 6	Primary mode/monitor
ON	OFF	OFF	ON	OFF	OFF	40 column on standard RGB
OFF	OFF	OFF	ON	OFF	OFF	80 column on standard RGB
ON	ON	ON	OFF	OFF	OFF	200 lines on enhanced RGB
OFF	ON	ON	OFF	OFF	OFF	350 lines on enhanced RGB

Notes for this mode: *AutoSwitch* is off. Automatic Monitor Detection is off. The *AutoSwitch* EGA Card may only be used as an EGA card. You must always have a monitor connected to the *AutoSwitch* EGA Card. You may only connect a monochrome display to the Monochrome display adapter. Connection of a monochrome display is optional. The monitor connected to the *AutoSwitch* EGA Card is always the primary display.

Table 2. The *AutoSwitch* EGA Card and an IBM monochrome display adapter, monochrome primary.

AutoSwitch EGA Card Switches

Lever 1	Lever 2	Lever 3	Lever 4	Lever 5	Lever 6	<i>AutoSwitch</i> mode/monitor
ON	ON	ON	ON	OFF	OFF	40 columns on standard RGB
OFF	ON	ON	ON	OFF	OFF	80 columns on standard RGB
ON	OFF	ON	ON	OFF	OFF	200 lines on enhanced RGB
OFF	OFF	ON	ON	OFF	OFF	350 lines on enhanced RGB

Notes for this mode: *AutoSwitch* is off. Automatic Monitor Detection is off. The *AutoSwitch* EGA Card may only be used as an EGA card. You must always have a monitor connected to the *AutoSwitch* EGA Card. You may only (and must) connect a monochrome display to the Monochrome display adapter. The monitor connected to the monochrome display adapter is always the primary display.

Table 3. The *AutoSwitch* EGA Card and an IBM color/graphics display adapter, *AutoSwitch* EGA Card primary.

AutoSwitch EGA Card Switches

Lever 1	Lever 2	Lever 3	Lever 4	Lever 5	Lever 6	CGA mode/monitor
ON	OFF	ON	OFF	OFF	OFF	40 columns on RGB/Comp
OFF	OFF	ON	OFF	OFF	OFF	80 columns on RGB/Comp

Notes for this mode: *AutoSwitch* is off. Automatic Monitor Detection is off. The *AutoSwitch* EGA Card may only be used as an EGA card. You must always have a monochrome monitor connected to the *AutoSwitch* EGA Card. You may only connect a standard RGB or composite display to the color/graphics display adapter. The monitor connected to the *AutoSwitch* EGA Card is always the primary display.

Table 4. The *AutoSwitch* EGA Card and an IBM color/graphics display adapter, CGA primary.

AutoSwitch EGA Card Switches

Lever 1	Lever 2	Lever 3	Lever 4	Lever 5	Lever 6	CGA mode/monitor
ON	ON	OFF	ON	OFF	OFF	40 columns on RGB/Comp
OFF	ON	OFF	ON	OFF	OFF	80 columns on RGB/Comp

Notes for this mode: *AutoSwitch* is off. Automatic Monitor Detection is off. The *AutoSwitch* EGA Card may only be used as an EGA card. You must always have a monochrome monitor connected to the *AutoSwitch* EGA Card. You may only connect a standard RGB or composite display to the color/graphics display adapter. The monitor connected to the color/graphics display adapter is always the primary display.