

of the keyboard marked with [-] and [_]. The command is not case-sensitive. Do not use the [+] and [-] keys on the keyboard's numeric pad; the Switch doesn't recognize these.

You can also select the next or previous port manually from the ServSwitch Ultra's front panel by pushing the button labeled "▲" or "▼" respectively ("+" or "-" on the 2-port units). Each time you press the button, the next or previous port in sequence is selected.

4.3.3 SCAN MODE

To start scanning (switching from CPU to CPU in a continuous rotation) from the keyboard, press and release the left Control key ([Ctrl]), then press [S]. The ServSwitch Ultra will begin scanning sequentially from its currently selected port through the higher-numbered ports, then begin again at CPU Port 1. As it scans, it delays 1 to 15 seconds at each port. (This "Scan-Delay Time" is user-selectable; see [Section 5.2.6](#).) To stop scanning, press and release [Ctrl], then press [X]; you can also stop a scan by entering a Select Port command. ServSwitch Ultra letter commands are not case-sensitive: You can enter upper- or lower-case letters.

To disable scanning, set the scan-delay time to zero; see [Section 5.2.6](#).

4.3.4 KEEP SETTINGS

The Keep Settings command saves the current state of the ServSwitch Ultra's two keyboard-selectable settings ("Set Screen-Saver Interval" and "Transpose Command and Alt Keys," described in the next two sections) to nonvolatile memory (NVRAM), where they become the new default (loaded at power-up) settings. To enter the command, press and release the left Control key, then type [K].

4.3.5 SET SCREEN-SAVER INTERVAL

This feature reduces the wear on your shared screen and provides security for your system by blanking the screen when there has been no keyboard activity for a specified length of time. To set the screen-saver interval, press and release the left Control key, type [V] followed by the interval time in seconds (1 to 999, or 0 to disable the screen saver), and press [Enter]. Issue the Keep Settings command after you enter this command.

To reactivate the screen when it's been blanked, press any key on the keyboard or move the mouse. The default setting of this option is 0 (screen saver disabled).

NOTE

When the ServSwitch Ultra is in the Screen-Saver state, all of its SELECT LEDs (the left-hand, red port LEDs) will be OFF.

4.3.6 TRANSPOSE COMMAND AND ALT KEYS

This command is designed to make life easier for people used to the Sun or Mac keyboard who now need to use a Windows 95/Windows 98 style (104/105-key) PC type shared keyboard, or vice versa. In the ServSwitch Ultra's default setting, the type shared keyboard, or vice versa. In the ServSwitch Ultra's default setting, the Start and Alt ("Alt" or "Alt/Alt Graph") keys on the Win95/Win98 keyboard map to the Command and Alt ("Alt", "Option [Alt]", or "Alt Graph") keys respectively on the Sun and Mac keyboards, even though the Win95/Win98 Start and Alt keys are reversed ("backwards") with respect to the Sun and Mac Command and Alt keys.

Many people who have grown used to typing or triggering an application's functions with "the other" type of keyboard find it difficult to adjust to this reversal. If you don't want to adjust, you don't have to; use this command to have the Switch transpose (swap) the scan codes of these keys when it does its keyboard mapping, so that when you press the Alt key, the Switch sends the corresponding Command or Start scan code to the selected CPU instead, and when you press the Command or Start key, the Switch sends the Alt scan code instead.

To issue the Transpose Command and Alt Keys command, press and release the left Control key, then type [B]. (Reissue this command to switch back to the standard mapping.) Enter the Keep Settings command after you enter this command.

4.3.7 RESET

This command, along with the commands described in the next two sections, can come in handy when certain problems arise. It will reboot your keyboard and mouse without your having to power down the station or the system, and will also re-enable PS/2 mouse communication if the selected CPU has previously disabled it. (With current PCs and operating systems, this command shouldn't be necessary, but older CPUs running DOS or Windows might need it from time to time.) Issue this command if (a) your keyboard gets stuck or begins behaving oddly, (b) you need to send mouse data to the CPU, but it hasn't enabled the mouse (this can happen if you boot up the CPU while the ServSwitch Ultra is off or disconnected), or (c) while using a PS/2 type mouse, you unplug it, plug it back in, then have problems. To issue the Reset command, press and release the left [Ctrl] key, then type [R].

If you're using a PS/2 type mouse with a DOS or Windows 3.x CPU, don't issue this command if the CPU doesn't have a mouse driver loaded—many such CPUs will crash if you send them unexpected mouse data. (CPUs running UNIX or Windows 95, 98, or NT don't have this problem.) If your shared CPU is like this, and you have chronic problems when you try to run applications that don't use the