

Complete Excellerator Program Installation Instructions

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These directions tell how to configure, format, and install the all the software onto the hard disk for the Excellerator controller. The software includes the ROX operating system, the Excellerator program, and its default data.

Create a DOS disk to format the hard drive:

1. Format a DOS floppy disk as a system disk on a computer that is running DOS, Windows 3.1, Windows 95, or Windows 98. To do this, open a DOS window, insert a floppy disk, and type *FORMAT A: /S*.
2. Find the *FDISK.EXE* and *FORMAT.COM* files. You can use the Windows Find command on the Start menu.
3. Copy the *FDISK.EXE* and *FORMAT.COM* files to the floppy disk.
4. Type *VER* to find out the DOS version, if unknown.
5. Remove the floppy disk and label it *DOS System, Version X.YZ*.

Configure the CMOS setup parameters:

6. Find out what kind of hard drive is in the computer. Find out the manufacturer's part number, size, and number of heads, cylinders, and sectors. If you do not know these, then look up the information from the manufacturer.
7. Insert the *DOS System* disk into the Excellerator controller.
8. Turn on power to the Excellerator controller.
9. Enter the CMOS setup immediately by pressing the F1, F2, Del, or whatever key works for the computer type.
10. Check the hard drive parameters for the hard drive (fixed disk 1).
11. Tell the computer to automatically detect the hard drive parameters, if the computer has that feature built in. Otherwise, enter all of the parameters on a user-definable hard drive type. If the computer does not have a user-definable hard drive type, then enter type 6 (20 MB).
12. Make sure the time and date are correct.
13. Make sure flexible disk 1 is 3.5 inch, 1.44 MB.
14. Make sure flexible disk 2: is not installed.
15. Make sure fixed disk 2 is not installed.
16. Make sure the display is VGA or better.
17. Make sure there is at least 640 KB of conventional memory.
18. Make sure the math coprocessor is installed (on 286 and 386 controllers).
19. Make sure the BIOS is at C000 on 386SX and Diversified computers; it should be at E000 on an Intel computer.
20. Enable shadow memory for all address ranges. Set these to *INTO 486* on an Epson 3000 computer.
21. Make sure boot sequence is A; before C.
22. Save the setup parameters.
23. Exit the CMOS setup and reboot.

Format the hard drive with DOS:

24. Boot up the Excellerator computer with the *DOS System* floppy disk.
25. Type *FDISK*. Create one large DOS partition on the hard drive. Exit the program when finished.
26. Reboot the Excellerator computer by pressing Ctrl-Alt-Del keys simultaneously.
27. Type *FORMAT C:* and confirm that this is what you want to do.
28. Remove the *DOS System* floppy disk when the format command is finished.

Format and install the ROX Operating System:

29. Insert the *ROX Operating System Version 2.3X* floppy disk into the disk drive. X is A for Siemens plug-in 386SX, B for Intel 486, C for NCR 286, D for Diversified Technology plug-in 486, E for Epson PC3000 (486), F for Epson PC2000 (486), or G for US Logic 586. You must use the ROX disk that matches the hardware! You can use substitute the *White Light VP2* program disk for the ROX disk on a *White Light VP2* controller. You can use ROX version 2.3C when installing S-printer software or other programs versions 1.XX or 2.XX.
30. Turn the power off and on to reboot the controller.

31. The computer installs a program called *Upper Memory Block* as it boots up. Make sure it says that each block is enabled. If it fails, then either you might be using the wrong ROX disk, or the shadow memory in the CMOS setup is configured incorrectly.
32. Wait for the ROX operating system to boot-up. The display reads *WORLD signed on at current time and date*.
33. The system may copy some ROX update files to the hard drive. Ignore this and wait until it is finished.
34. Type *SUPER <Enter>* at the "-" prompt.
35. Type in password *MAD <Enter>*.
36. Type *PREPWINI <Enter>*. This routine reformats the hard disk and installs the ROX Operating System.
37. Type *Y* when the program asks if you want to reformat the hard disk. *~Delete Partition TABLE? N*
38. Type *Y* when the program asks if you want to use the setup-type of hard disk.
39. Type *N* when the program asks if you want to test for blocks. (If you type *Y*, then you would need to wait hours for this to finish. Reboot and redo if you do this.) The display has the *SUPER-* prompt when this is finished.
40. Watch the display for any errors. If you see any, then the formatting process is unsuccessful, and you need to repeat the configuration and formatting processes, or start all over and try another hard disk.
41. Type *EXIT <Enter>*
42. Remove the *ROX* floppy disk from the floppy disk drive.

Install the Excellerator program:

43. If you are installing the *White Light VP2* program, then insert the program disk, reboot the controller, and remove the floppy disk after the system copies all files. Otherwise follow instructions 43-49:
44. Turn the power off and on to reboot. The display should read **WORLD signed on at current time and date**.
45. Insert the Excellerator program disk into the floppy disk drive. This could be a VP2, V7, Twin Drive, or S-printer version. Note: you cannot install VP2, V7, or Twin Drive program version 3.XX through 4.XX onto an NCR 286 controller; you need to install version 2.XX instead. You can run S-Printer version 3.XX on it.
46. Type *COPY :MSD:LOGNET OVER LOGON ~Enter>*. If you are installing version 2.XX software instead, then type *COPY :MSD:LOGON OVER LOGON <Enter>*. Note: *MSD* is *MS* zero.
47. Type *CHDIR WORK <Enter>*
48. Type *COPY :MSD:NET?? OVER NETPRT <Enter>*. If you are installing version 2.XX software instead, then type *COPY :MSD:USER?? OVER USERCF <Enter>*. This installs the program in about 4 minutes. Do not substitute other letters or numbers for the question marks.
49. Install default configuration data for the program. For a VP2, V7, or Twin Drive or Dual-Crop printer, type *COPY :MSD:NVRAMS??? OVER CONFIG.DAT <Enter>*. For an S-printer, Autamax, or Biplane printer, type *COPY :MSD:NVRAMS??? OVER SONFIG.DAT <Enter>*. Do not substitute for the question marks.
50. Remove the Excellerator program disk from the floppy disk drive when finished.
51. Turn the power off and on to reboot. The Excellerator program logon screen should come up.
52. Type in operator *MAINTENANCE <Tab>* and password *LUCIFER <Enter>* to get full access to all screens in the printer program.
53. Change the Excellerator software configuration as necessary to match the printer's hardware configuration. Follow instructions in the Excellerator Operators Manual for your printer.