2500 RSX (250-1620/1621)   Setuprsx Utility   Faxback Doc. # 1917

Note: The SETUPRSX Utility is on the Utilities diskette. Use the MS-DOS copy command to copy utilities to a hard drive. For example, to copy the setup utility, type:

     copy a:setuprsx.com c: <ENTER>.

CAUTION: Incorrect use of some utilities can cause system malfunctions or loss of data.

```
+----------------------------------------------------------------------+
|                         SETUP PROGRAM                                |
|                                                                      |
|                  01.10.00        06/25/92                            |
+----------------------------+----------------------+------------------+
|        Date & Time         |       Memory         |     Speed        |
+----------------------------+----------------------+------------------+
| Date [06/25/1992]          | Remap Shadow RAM [N]  |                  |
| Time [08:03:03]            |  Base     [   640KB]  |                  |
|                            |  Extended [  8192KB]  | CPU Speed   [Fast] |
|                            |  Total  = [  8832KB]  |                  |
+----------------------------+----------------------+------------------+
|        Hard Drive          |    Diskette Drive    |     Options       |
+----------------------------+----------------------+------------------+
| C:  [ AUTO     ]           | A: [1.44MB  3.5-inch] | Serial Port   [Primary] |
| D:  [ None     ]           | B: [None           ]  | Parallel Port [Enabled] |
|                            |                       | Bidirectional [No     ] |
+----------------------------+----------------------+------------------+
| <ESC>Exit without saving setup        <CTRL><BREAK>Reboot without saving |
| <F1> Help for option that cursor is on<SPACEBAR>  Toggles options        |
| <F2> Save setup and exit              <ARROW>     Moves to next option    |
+----------------------------------------------------------------------+
```

The computer uses CMOS RAM to store information about your system configuration. The video mode that is selected is also stored in CMOS RAM.

The CMOS memory is battery powered when AC power is removed, so it retains data when the computer is turned off. Run the setup utility to update your system configuration in CMOS when you install or remove a drive, SIMMs, or an adapter.

If the actual and recorded configurations differ, the computer prompts you to run the setup utility. You must also run the setup utility after you replace the real time battery that powers the clock and CMOS RAM.

Note: If the battery fails, the information stored in CMOS memory is erased.

The Setup Utility Configuration Screen:

Each time you run the setup utility, it displays a graphic screen of the system configuration currently recorded in CMOS memory.

From the setup configuration screen, you can:

* Set the system time and date.

* Change the CPU clock speed.

* Configure the serial and parallel ports. You can disable a serial port or
  designate it as primary or secondary. You can disable a parallel port or
  enable it and specify whether it uses bidirectional or unidirectional
  transfer.

* Identify diskette drives and hard drives installed in your computer.

* Update the amount of extended memory installed. The amount of memory
  displayed is the amount of CMOS RAM recognized at the last startup. This
  lets you avoid an error message at startup.

* Configure shadow RAM as extended memory. Read the on-line help about this
  parameter before changing it from the default value.

Adding a Hard Drive:

There are three options to use in setting up or changing the system
configuration for hard drives. Choose one of the following:

* When you install a hard drive, record the drive type number and the drive
  parameters, (such as the number of cylinders and heads). Run the setup
  utility and match the configuration to the list provided.

* If an exact match to your configuration is not available, choose the Any
  (Non-standard Hard Disk) and enter your drive parameters.

* The setup utility for the computer includes and AUTO option that enables
  the system to automatically configure an IDE drive for use. If you select
  AUTO, there is no need to enter cylinder, sector, or other specific
  configuration parameters to configure a drive with setup. The AUTO options
  does not support all drives.

How to Run the Setup Utility:

To run the setup utility from ROM:

Reset the computer, then press F2 during the system memory count at startup.
The Setup Configuration screen is displayed. View or update your system
configuration.

To run the setup utility from the Utilities diskette:

1. Insert the Utilities diskette into Drive A.
2. At the MS-DOS operating system prompt, type a: and press <ENTER>.
3. At the A> prompt, type setuprsx and press <ENTER>. the setup utility
   displays the Setup Configuration screen.
4. Follow the directions at the bottom of the screen to choose options that
   reflect changes you have made to the system. Then, press F2 to update the
   information in CMOS and restart the computer.

For more information, press F1 for help. If you are using a diskette drive,
insert the Utilities diskette into Drive A and choose the option from the
menu to run the setup utility.

To run the setup utility from a hard disk:

1. If you are not in the directory containing the setup utility file, change
   to that directory.

2. At the operating system prompt, type setuprsx and press <ENTER>. The
   setup utility displays the Setup Configuration screen.

3. Update your system configuration. Then, press F2 to update the
   information in CMOS memory and restart the computer.

(smm 08/24/93)