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***SYSTEM SUPPORT  
SOFTWARE***

**for the Triton TURBO XT**

**THE MATERIAL IN THIS MANUAL, AND THE  
ARRANGEMENT AND PRESENTATION OF THE  
PROGRAMS ON THE FOUR ACCOMPANYING  
DISKETTES IS**

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**WARRANTY**

The four physical diskettes comprising the System Support Software and this manual are warranted to be free of defects in materials and workmanship for a period of 60 days from the date of purchase.

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**FIRST-TIME USERS , DO THIS:**

1. Set up your **TURBO XT** in accordance with the hardware instruction manual. Do not turn power on yet.
2. Read this manual.
3. Place a write-protect tab on each of the four System Support Software Disks. This is a small adhesive strip that covers the notch on the side of the disk. It should come with blank disks.
4. Insert System Support Software Disk 1 into your disk drive (A: Drive). To do this, remove the diskette from its envelope, and hold it so that the label is facing up and the write-protect tab is facing to the left. Insert the diskette all the way into the slot in the disk drive. Then close the disk drive door by turning the lever down all the way until it stops. If your system has two drives, insert the diskette into the top drive.
5. Turn power on to all accessories, then finally to the **TURBO XT** by throwing the red switch on the right side toward the rear.
6. Follow the instructions that appear on your screen. Do not press any key until asked to do so. A key to be pressed is indicated by placing brackets [ ] around it. For example, if the system wants you to press the "Y" key, it will say: "Type: [Y]."

CONGRATULATIONS on purchasing the System Support Software!

The System Support Software is a series of programs that make your **TURBO XT** easier to use. It is supplied on four diskettes included in the package with this manual. The MS-DOS Disk Operating System is included on Disks 1 and 3.

In addition to the package containing the four disks and the manual you are now reading, there is another package consisting of the original MS-DOS and operating manual. This other manual contains complete descriptions of the available commands to MS-DOS and BASIC, plus information on some utilities. It is not necessary to use this other disk and manual unless you have questions about advanced DOS or BASIC commands -- all the information you need to use your computer effectively is contained on the four-disk set.

Your computer is controlled by commands to the Disk Operating System that is loaded into memory from your customized copy of System Support Software Disk 1 each time you turn your computer on. One of the services of the System Support Software is to act as a translator between what you want to do and what the DOS needs to be told in order to do it. Generally, all you have to do is select the operation you wish from a menu, much like the menu in a restaurant.

In fact, you can think of the System Support Software as being like the waiter in a restaurant. You choose the item you want from the menu, and tell the waiter, who then tells the cook what you want. The "cook" in this case is MS-DOS.

## MS-DOS Explained

Just what is MS-DOS, anyway? MS-DOS stands for MicroSoft Disk Operating System. It's a set of programs that enables your computer to perform the most basic operations, like actually reading information from a disk, or knowing which key you've pressed. MS-DOS is necessary to get your computer started, or "booted" in computer jargon. The operating system itself occupies a small part of the floppy disk that it comes on -- the rest of that disk is taken up by utilities, or programs that expand the use of your computer.

All the programs that run on your computer, whether a language like BASIC, an application program like Lotus 1-2-3 or a utility like the System Support Software Menu System, make use of the services of MS-DOS.

Before describing operation with the System Support Software, let's look at using your computer with MS-DOS alone. You'll know that MS-DOS itself is successfully operating in your computer when you see a symbol on your screen called the "A Prompt." It looks like this:

**A>**

It means that your computer is ready for you to type a command, followed by pressing the [Enter] key to tell the computer that you want it to act on the information typed. Further, the computer will look on the A: Drive, or first drive, to find a program that you wish to run. An example of such a command would be:

**A>FORMAT A:**

This means that you want the computer to ask you to insert a completely blank disk in Drive A:, and prepare that disk to receive information. If you just had MS-DOS alone, without the System Support Software, this is exactly what you would have to do in order to perform the formatting operation. Note that the prompt is improved in the System Support Software to include directory information.

## How the System Support Software Works

Thanks to the System Support Software, you don't have to learn complicated DOS commands. All you have to do is select the appropriate menu of commands by pressing the [Page Down] or [Page Up] keys, then select the command you wish by pressing the [up-arrow] or [down-arrow] keys until the arrow points to that command. Finally, make that selection by pressing [Enter].

One of the programs in the System Support Software, AUTOMAXX, is the Menu Program that makes this possible. Once you've set up your system, you'll be running AUTOMAXX each time you turn on or re-boot your TURBO XT.

Here's what would happen if you just had MS-DOS alone, without the System Support Software: the system would ask you to manually enter the time and date. Then you would be on your own, having to issue all commands directly from the A> prompt. Overall operation would be much slower, and you would not have the host of special features and utilities described below. You can see this by placing the original MS-DOS disk in Drive A: and pressing the [Ctrl], [Alt], and [Del] keys simultaneously to re-boot your computer.

This key combination is your escape hatch of last resort -- if you get in trouble with a program, or your computer won't respond, place System Support Software Disk 1 in Drive A: and press the [Ctrl], [Alt], and [Del] keys simultaneously to re-boot your computer. If that doesn't work, turn the power to your computer OFF for five seconds, then turn it back ON. Use the red switch on back of the right side of your machine.

## Enhanced System Support Software Features

Some of the System Support Software features require that you have more than 256K of memory installed in your system. Those features are marked (512K/640K System). The version of the **TURBO XT** that uses its own keyboard instead of the TI-99/4A comes with 512K, which is enough memory to use these advanced features. Also, if you have an RGB monitor, you'll always have your displays appear in full color, and most programs will appear in bright white letters on a beautiful blue background and border. Adding 640K memory and an RGB monitor are probably the most important and useful improvements that you can make to your system.

In addition to the Menu System described below, here is a summary of the features you get in the System Support Software package:

1. **FULL COLOR DISPLAYS** -- If you have an RGB monitor, the Menu System, operating system screens, and most programs will appear in full color. **NOTE:** Full color with 80-column text display is not possible with a composite video monitor or television set.
2. **FASTER SCREEN DISPLAYS** -- Thanks to the use of a special ANSI DOS driver text appears on your screen faster than it would without the System Support Software. You also get screen-saver, automatic blanking of the screen while in the Menu System if you don't press a key for a while. Just press any key, such as the [Back Space], to see the image again.

3. **REPEAT & EDIT OF DOS COMMANDS (512K/640K System)** -- When you see the DOS prompt (such as A:\ >) you can repeat any command already entered by simply pressing the [up-arrow] or [down-arrow] keys until the command you want to see re-appears. Then press the [left-arrow] or [right-arrow] keys to edit the command.
4. **AUTOMATIC TURBO MODE** -- Without the System Support Software, you'd have to tell your **TURBO XT** to operate in TURBO mode, or at almost twice the speed of a regular IBM-PC. Now, that's automatic!
5. **SEMI-AUTOMATIC DATE ENTRY** -- Simply press the [arrow keys] to set the date when your **TURBO XT** first starts up. If you have the Clock/Calendar hardware accessory, date and time setting is completely automatic.
6. **RAM DISK (512K/640K System)** -- If your system has only one floppy disk drive, your computer will think you have two - Drive A: & Drive C:. Drive C: is actually made up of RAM memory, and is extremely fast. Initially, you get almost 100K of usable ram disk space, with sub-directories already set up. To enter the ram disk, type: [C:] [Enter] from the DOS prompt.
7. **PRINT SPOOLER** -- Without it, your computer couldn't be used for any other operation until it had finished printing a document. If you install the print spooler by selecting the appropriate option from the "DOS COMMANDS 2" Menu, you can do other tasks while your printer works.

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8. **SORTED DIRECTORY (512K/640K System)** -- Instead of having to use the 'DIR' command that MS-DOS provides, just put any software disk in Drive A: and type: [D] [Enter] to see a much better directory when you're not in the Menu System. Then press the [J] key and move the cursor to the file you wish with the arrow keys. Now you can see any text file you select by pressing the [L] key, or delete any file you select by pressing [D]. Press the [Esc] key to exit.
9. **TEXT FILE LISTER** -- To view any text file on the screen, press the [L] key from the DOS prompt, then type in the name of the text file you wish to see. Or, you can type the file name directly after the [L], such as: [L TEXTFILE.TXT] [Enter].
10. **ON-LINE HELP SYSTEM** -- From the DOS A: Prompt, type [HELP] [Enter] to use this feature and see a list of Help Topics available.
11. **COMPLETE SYSTEM CONFIGURATION** -- The System Support Software contains a special file, CONFIG.SYS, that sets up your **TURBO XT** for superior performance.
12. **IMPROVED "A: PROMPT"** -- When using DOS directly, your prompt will tell you which directory you are currently using.

## MENU SYSTEM

Once your **TURBO XT** is turned on and has set itself up, it's under the control of one of the programs in the System Support Software, the AUTOMAXX Menu System. Here are the commands you'll use most often:

**To change the menu item, press [down arrow].**

**To select the menu item, press [Enter].**

**To change the menu page, press [Page Down].**

\* Once in this system, you can select programs and utilities as described below. You can print the complete documentation for the AUTOMAXX Menu System by choosing option [2], "Print Documentation for Menu System" in Menu 3, "DOS COMMANDS 1."

Choosing option [8], "Return to DOS," from Menu 1, "Main Menu," exits you from the AUTOMAXX Menu System. Then you can operate your computer directly, much as you would have to without the System Support Software.

In this direct mode, you can also run programs that are not part of the System Support Software. For example, other commercial programs would be run by exiting from System Support Software, replacing System Disk 1 with the new software program disk, then typing the appropriate commands from the A> prompt to start that new program. Programs that you use on a regular basis can easily be incorporated into the System Support Software Menu System -- see the printed documentation for details.

## Automaxx Menu Characteristics

The menu options or menu items can be selected in various ways. The help key F1 can be pressed to explain the function of these keys at any time.

The particular menu option with the arrow pointing to it can be selected by pressing the [Enter] key. The arrow pointer can be moved to another menu option by using the [up] and [down arrow] keys, or the [Space Bar]. A menu option can also be selected by pressing a number key (on the top row above the letter keys) corresponding to the number value of that menu option. You can change to the other menus by pressing the [left] and [right arrow] cursor keys or the [PgUp] and [PgDn] keys.

There is an automatic screen blanking feature. If the keyboard has not been touched for more than about one and a half minutes while AUTOMAXX is running, the screen will be turned off until any key on the keyboard is pressed. To restore the display, press the [Back Space] key.

Valid keys while in the AUTOMAXX Menu System:

F1	Help for Menu screen
/,B,C,F,I,L,M,R,S	for Command selection
Up arrow	Move arrow pointer up
Down arrow, space	Move pointer down
Return key	Select option
PgDn or right arrow	Go to next menu
PgUp or left arrow	Go to previous menu
Home	First Menu
End	Last Menu
Ins	DOS Gateway

Available commands while in the AUTOMAXX MENU System:

BW/CO	Change colors on color display
ChDir	Change Directory
Files	Complete File Management
InfSys	System Information
Logged Drive	Change Drive
Message	Comment
Reset	Resets screen
Screens	Switch Mono and Color Monitors

## System Support Software -- Main Menu

### 1. Welcome (Press the [1] Key to Read)

Press the [1] key ABOVE THE ALPHABET KEYS, not on the keypad.  
Press [Page Down] to read each page, and [Esc] when finished.

### 2. How to Get HELP at any time

As above, but press [2].

### 3. Information About the Triton TURBO XT

Press [3].

### 4. Help Using Triton TURBO XT

Press [4].

## 5. Help Using System Support Software

Press [5].

## 6. Tutorials About PC Computing

This is an important learning tool for new users. The system will ask you to change disks for this item. When it does, remove Disk 1 from Drive A: and insert the other disk into Drive A: as requested. Be sure to re-insert Disk 1 when the tutorial is finished. The system will prompt you to do so.

## 7. Tutorial About Using the Keyboard

Each key is explained.

## 8. Return to DOS

Use this when you want to run a software program that's not part of the System Support Software, such as Triton Turbo Writer.

## *System Support Software -- DESKTEAM*

### 1. Run DeskTeam

DeskTeam is a text editor, appointment calendar, telephone directory, phone dialer, calculator, and more, all rolled into one powerful program. If you only have 256K memory, choose DeskTeam from this menu option whenever you want to use it.

### 2. Make DeskTeam Memory-Resident (needs 512K/640K)

If you have the 640K memory option installed, you can have DeskTeam always in your TURBO XT's memory, ready to use in an instant no matter what other program your computer is running. Once you have selected this option, you can call up DeskTeam by pressing the [Alt] and [M] keys at the same time.

### 3. Help Using DeskTeam

An introductory article on this program.

### 4. Print Documentation for DeskTeam

If you have a printer, print the complete manual for DeskTeam by choosing this option. Please read the manual before seriously using this program.



## ***System Support Software -- DOS COMMANDS 1***

### **1. Help Copying Files**

Information about copying files or programs from one disk to another for different system setups.

### **2. Print Documentation for Menu System**

Print the complete manual for the AUTOMAXX Menu System that you are using right now.

### **3. Copy Disk in Drive A:**

Use this option when you want to make a duplicate copy of an entire disk. If you have two disk drives, place the target disk in Drive B:. Otherwise the system will prompt you to place the target in Drive A:.

### **4. Format Disk in Drive A:**

Prepare a new disk to receive data.

### **5. Format with System in Drive A:**

You would be able to re-boot, or re-start your computer using a disk created with this option. Such a disk would only have MS-DCS on it, not the System Support Software.

### **6. Print Text File**

This option will run a program that prints a text file on your printer with page numbers and margins. It will ask you for the name of the text file you wish to print. Be sure the disk containing that file is inserted in Drive A: when you type the file name and press [Enter].

## ***System Support Software -- DOS COMMANDS 2***

### **1. Install Print Spooler for 256K System**

A print spooler enables your computer to simultaneously print and do other tasks. You can have a small spooler that will handle about 8,000 characters if you have a 256K system.

### **2. Install Print Spooler for 512K or 640K System**

With a 640K memory option, you can have a 64,000 character spooler if you wish.

### **3. Install Maximum Size Print Spooler (512K/640K)**

With 512K or 640K of memory, this option will give you the biggest spooler possible while still leaving 128K for your program.

### **4. Pause Print Spooler**

If you need to stop printing temporarily, choose this option.

### **5. Resume Print Spooler**

Once you've chosen option 4, to start printing with this option

## 6. Purge Print Spooler

Stop printing a spooled document altogether.

## *System Support Software -- DOS COMMANDS 3*

### 1. Turn Turbo Mode OFF

Use this to have your **TURBO XT** run at the slower speed of 4.77 MHz. Some games and clock-sensitive programs may require this.

### 2. Turn Turbo Mode ON

Returns your computer to fast operation.

### 3. Turn Color OFF

Unless you have an RGB monitor, some programs may not display colors properly -- letters may be very hard to read. If this occurs, you can try to turn color off with this option. You will still see the blue background with an RGB monitor, but the letters should be easier to read.

### 4. Turn Color ON

Restore normal color performance.

### 5. Set Clock/Calendar Accessory

If you've purchased the optional Clock/Calendar, use this to initially set the date and time. Once you've done this, the System will start again with automatic time. Use this option only after you've re-configured your system to recognize this accessory.

## 6. Remove System Support Software from Memory

If you want to have the absolute maximum amount of free memory available, you can run the plain copy of MS-DOS that's stored on Disk 3 of the System Support Software. This option will set it up so that you can run that copy.

## 7. Re-boot Computer for Self-booting Program

Choose this option to run programs that require you to re-boot the computer. Some games, such as the Flight Simulator, are like this.

## *System Support Software -- BASIC Menu*

### 1. Run BASIC

This is the language BASIC.

### 2. Help Using BASIC

A complete tutorial on programming in BASIC.

### 3. Run BASIC Demo Clock Program

Turn your **TURBO XT** into an expensive digital clock. This program will give you a good example of how to program in BASIC. LIST it to see.

## *System Support Software -- PC-FILE*

### **1. Run PC-FILE**

This is a powerful Shareware data-base manager that you can use to keep track of all sorts of information.

### **2. Help Using PC-FILE**

An introductory article to read first.

### **3. Print Documentation for PC-FILE**

Please print the extensive manual before using this program.

## *System Support Software -- Diagnostics*

### **1. Run Diagnostic Routines**

A set of routines to use if there seems to be a problem with your computer. These routines should only be used if recommended by a technical support person at Triton Products Company. If you suspect a problem, call Triton toll-free at (800) 227-3900.

## *System Support Software -- Miscellaneous*

### **1. Run Communications Program**

If you have a modem, you can talk to bulletin boards with this program.

### **2. Print Documentation for Communications**

Print this first.

### **3. Play Monopoly (needs Color/Graphics Card)**

If you are using a TV set, composite video monitor, or RGB monitor, you can have some fun playing this famous game.

### **4. Print Monopoly Documentation**

Please print this first.

### **5. View Warranty Information**

Choose this to see our limited warranty.

## *SYSTEM SUPPORT SOFTWARE MANUAL*

This concludes the documentation for your System Support Software. We hope you get many hours of enjoyment and productive work from your **TURBO XT**.

Remember, don't be afraid to play and experiment with your computer. You can't hurt it if you make a mistake using a program. And the computer can't erase your disks if you've got write-protect tabs on them. About the worst that can happen is that your **TURBO XT** will "crash," or not respond to your commands.

If this happens, just place your copy of System Support Software Disk 1 in the A: Drive, and press the [Ctrl], [Alt] & [Del] keys simultaneously to re-start operation. Or, in the event that pressing those keys doesn't work, turn your computer off for about five seconds.

Enjoy your new computer!