

The image features a central graphic composed of several overlapping, textured rectangular shapes. A large yellow rectangle is the most prominent, with a smaller cyan rectangle overlapping its top-left corner. To the right of the yellow rectangle, a red rectangle overlaps its top edge, and another red rectangle overlaps its bottom-right corner. A purple rectangle overlaps the bottom-left corner of the yellow rectangle. A horizontal purple line is positioned to the right of the yellow rectangle. A small cyan square is located at the top center of the page. The overall aesthetic is modern and abstract, using a palette of cyan, yellow, red, and purple.

Hard Disk  
Accelerator

*Beckemeyer  
Development  
Tools*

A large, textured cyan shape is located in the bottom right corner of the page, partially cut off by the edge. It has a grainy, stippled texture similar to the other elements in the design.

## MICRO C-Shell™

MICRO C-Shell provides an efficient and powerful Unix-like environment, including over 30 Unix™ style commands and utilities. These alone are well worth the price of the entire package . . . but that's only the beginning. MICRO C-Shell is a full featured Berkeley style C shell complete with path searching, aliases, history, I/O redirection, pipes, shell variables, and wildcard filename expansion. There's also a built-in batch facility using command files which have a C-like syntax complete with expression analysis, looping, branching, and conditionals.

- Customize your own commands easily.
- List directories and files showing time, date, size and attributes.
- List entire disk with a single command.
- Copy, move, rename, and delete files with easy shorthand commands.
- Search files for strings and complex text patterns.
- Compare files, report differences with the ability to undo any unwanted changes.
- Format documents for printing with headers and page numbers.
- Count words, lines, and characters in files.
- Powerful C-like programming language built-in.

**Suggested Retail: \$49.95**

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## MICRO C-Tools™

MICRO C-Tools contains many time-saving Unix style programmer's utilities including programs for sorting and merging data files, text editing, file analysis, and software debugging. MICRO C-Tools also includes a handy calendar program and a floating point desk calculator. MICRO C-Tools may be used alone or with the powerful MICRO C-Shell Unix-style environment. Either way you get improved performance and productivity. When used with MICRO C-Shell, the tools support I/O redirection, pipes, wildcard filenames, and shell variables. Plus MICRO C-Tools can be accessed from MICRO Make and MICRO C-Shell command scripts.

**Suggested Retail: \$24.95**

## MICRO Make™

MICRO Make is a program which is used to maintain assembly and high-level language programs. It guarantees source and object code integrity by automating the process of compiling, assembling and linking programs. MICRO Make is preferable to shell procedures for this purpose because dependencies can be described as a *makefile* and *Make* only performs the tasks that are necessary to bring the program up to date instead of recompiling and linking the entire system just because one file has been modified. MICRO Make can run any of the commands and utilities included with MICRO C-Shell and MICRO C-Tools. It also runs your compiler, assembler, linker, and other software.

**Suggested Retail: \$34.95**

### *Beckemeyer Development Tools*

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## **Hard Disk Accelerator<sup>TM</sup>**

SOFTWARE TO MAKE YOUR ATARI ST FASTER

The Hard Disk Accelerator software makes your Atari ST faster by accelerating hard disk access. Common tasks such as starting a program or searching a database often happen 100% faster, with peak performance over 300% faster.

Hard Disk Accelerator improves hard disk performance by combining RAM access with hard disk access to boost average disk performance. Hard Disk Accelerator is a "disk caching system", it does not have the drawbacks of a RAM disk. Hard Disk Accelerator is automatic, can be used effectively with a small amount of memory, works with copy protected software, and can be used with large programs.

Hard Disk Accelerator is easy to use. It works automatically. One simply uses the Atari ST in the usual way, and it works faster.

### **Features**

- Speeds hard disk access, making your Atari ST faster, as much as 300% faster.
- Increases Productivity
- Easy to Use - It works automatically
- Works with as little as 32K of RAM.
- \* Easily adjust memory size as needed.
- Works with all popular Atari ST hard disks like Atari, Supra, Haba, and others.

**Beckemeyer Development Tools**

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# Hard Disk Accelerator

## Introduction

Hard Disk Accelerator is a software disk caching system for your Atari ST hard disk. It dramatically increases hard disk performance.

Hard Disk Accelerator works with your hard disk interface device driver, and must be installed with that driver in the \AUTO\ folder of your "boot" disk.

## Getting Started

The Hard Disk Accelerator contains two programs, one is the actual Hard Disk Accelerator driver, and the other is used to control the Hard Disk Accelerator configuration.

The Hard Disk Accelerator distribution disk contains the following files:

### **HDACCEL.PRG**

This is the Hard Disk Accelerator driver. It should be placed in the \AUTO\ folder on the "boot" disk with your hard disk driver so that it will be automatically installed during booting. This procedure will be described in the next section.

### **XLCONFIG.PRG**

The XLCONFIG program is used to configure the Hard Disk Accelerator. It allows you to change the size of the RAM cache and define which logical drives the Hard Disk Accelerator affects.

### **XLCONFIG.RSC**

XLCONFIG.RSC is the GEM resource file used by the XLCONFIG program.

## Installing Hard Disk Accelerator

To prepare a working Hard Disk Accelerator boot disk it is necessary to copy the HDACCEL.PRG program file to the \AUTO\ folder of an existing boot disk.

Follow the instructions outlined in your hard disk manual for creating a boot disk. Copy the HDACCEL.PRG file from the Hard Disk Accelerator disk to the \AUTO\ folder of the new boot disk.

At this time you should also copy the XLCONFIG.PRG and XLCONFIG.RSC files to a backup disk or onto the hard disk. These files do not need to be placed on the boot disk.

When you reboot your system with the newly created boot disk in drive A: the Hard Disk Accelerator will automatically be installed.

**Note:** The programs in the \AUTO\ folder run in the order they are copied to the disk. It is very important that the HDACCEL.PRG program runs AFTER the hard disk driver (AHDI.PRG for Atari SH hard drive). If HDACCEL runs before the hard disk driver, the Hard Disk Accelerator will have no effect on disk performance.

## **Using the Hard Disk Accelerator**

The Hard Disk Accelerator works automatically. You simply use the Atari ST as usual, and it automatically runs faster.

### **The XLCONFIG Program**

XLCONFIG is a utility which allows you to change certain parameters associated with the Hard Disk Accelerator.

To run the program, open the XLCONFIG.PRG icon. XLCONFIG will display a dialog which has a section for setting the cache size, and a section for selecting the logical drives upon which caching is performed.

### **Defining the Cache Size**

You can control how much RAM is used by the Hard Disk Accelerator. It will operate with as little as 8K. Generally assigning more RAM to the Hard Disk Accelerator will increase disk performance, but less RAM leaves more room for large programs.

### **Selecting the Cached Drives**

You can control which logical drives (partitions) that the Hard Disk Accelerator operates on, and only those drives will be affected.

For example, if you have three hard disk partitions C:, D:, and E:, you may want to select caching on Drive C:, and D:, but not drive E:.

**Note:** You should never select caching on a RAM drive as this will actually decrease performance.

### **Saving the Settings**

Once you have made your selections, click on OK and the new settings will be saved on the boot disk. They will not take affect however, until the next reboot.

If you do not wish to save any changes, simply click on Cancel.





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***Hard Disk  
Accelerator***

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