

Take advantage of CSS' first holiday sale!

Now \$179.95! **The Black Box** save \$20

The *Black Box* is an add-on board for the Atari 600XL (upgraded), 800XL, and 130XE computers. The *Black Box* provides many unique and useful functions.

The **RS-232 port** emulates the Atari 850 interface very closely, but goes beyond by providing 19,200 baud capability. The *Black Box* is the only interface to support **hardware flow control**. This enables owners of high speed modems (4800 baud and up) to use their modem at full speed, and not worry about data loss due to a slow BBS or terminal program.

The **parallel printer port** interfaces to most all Centronics-type printers. You may assign the printer number and line feed options from within the *Black Box's* configuration menu. The *Black Box* allows **buffering** of your data, either using the extra 64K in your 130XE or the optional 64K RAM in the *Black Box* itself.

The **hard disk port** was the real reason for the design of the *Black Box*. You may connect most any hard disk controller that is SASI or SCSI compatible, or drives with embedded SCSI controllers. It is totally compatible with the current versions of *MYDOS* and *SpartaDOS*. The *Black Box* allows you to have up to 96 partitions with names, and set any partition as any drive (D1: through D9:), allowing you to place unprotected single density boot programs on your hard disk. You may also write protect ALL of your hard disks with the flip of a switch.

The *Black Box* also provides support for users who have previously used an ICD MIO to store data on a hard disk. You can have compatibility with an MIO formatted hard disk by simply setting a dip switch.

The **6502 monitor** is very handy for machine language programmers. How often have you wondered where your program was, or what caused an apparent "lockup"? Entering the monitor will show you all the processor registers, and display the disassembly of the instruction it was about to execute when you pressed the button.

A **printer dump** of your current screen may be done at any time by pressing one of the buttons on the *Black Box*. A switch allows you to choose either text or graphics dump. (The graphics dump is only available for dot matrix printers capable of graphics.)

CSS sells a variety of accessories for your *Black Box*. The **Black Box Case** is a durable black plastic housing for your *Black Box* which sells for \$39.95. **Modem and printer cables** are available for \$9.95 each.

The *Black Box* regularly sells for \$199.95 plus \$8 shipping and handling. The *Black Box* with a 64K printer spooler regularly sells for \$249.95 plus \$8 shipping and handling.

Now \$134.95! **The Floppy Board** save \$15

Our latest and greatest product! The *Floppy Board* is an add-on expansion board for the *Black Box* interface. It allows the user to add up to 4 inexpensive, "standard" floppy drive mechanisms. The *Floppy Board* supports almost all floppy drive configurations, including 360kB, 720kB, 1.2MB, and 1.44MB. Built-in the *Floppy Board* are the *Black Box Enhancer* and a version of our *Super Archiver*.

Disks formatted on the *Floppy Board* are accessed at parallel bus speeds, providing a **substantial** performance increase over the standard serial Atari floppy drive. In fact, *Floppy Board* drive access is much closer to hard drive speeds than to standard serial drives! Included with the *Floppy Board* is our **IBM/ST Disk Transfer Utility** program, which allows you to both read and write IBM or ST disks. This makes the *Floppy Board* the ideal method for porting files to and from your PC or ST!

Also available for your *Floppy Board* is our 1.44MB drive kit. The kit includes a high-quality 1.44MB drive mechanism, power supply, and floppy drive cable, and sells for only \$79.95 plus \$8 shipping and handling. The *Floppy Board* regularly sells for \$149.95 plus \$5 shipping and handling. CSS also sells power supplies, floppy drive mechs, and custom floppy drive cables. Call for pricing.

Now \$79.95! **The Super Archiver II** save \$20

The *Super Archiver II* edits and copies all enhanced density programs plus retains all the features of our *Super Archiver*. This allows you to copy or create single or enhanced density protection schemes (including "phantom" sectors). It is completely automatic and compatible with the *Super Archiver*, a truly powerful backup and programming device.

Only \$99.95 plus \$5 shipping/handling. If you already own a *Super Archiver*, you may upgrade to a *Super Archiver II* for only \$29.95 plus \$5 shipping/handling (disk upgrade; no additional hardware required).

Now \$39.95! **The Black Box Enhancer** save 20%

A must for all *Black Box* owners! The *Black Box Enhancer* is a plug-in module for your *Black Box*, enhancing the printer functions and adding an instantly available, full featured **sector editor**!

The built-in **screen dump to printer function** will now render a hardcopy with a 16 shade grey scale representation of the colors. A special graphics printer handler is built-in, which allows any output directed to P9: to be printed on your graphics compatible printer with the same character font used on your computer. This means all the Atari special control and graphics characters will be printed, along with inverse.

The built-in *Task Master* sector editor is the most powerful editor for the 8-bit. It contains a sector copier featuring multiple copies, automatic formatting, and uses all available memory for fast disk duplication. The *Task Master* is not limited to only floppy disks. It can handle up to 16 megabyte hard disk partitions (even in the sector copier mode)! The *Task Master* provides full DOS support for *MYDOS*, *SpartaDOS*, and Atari DOS derivatives. Subdirectories are fully supported! You may link through individual files by simply moving through the directory and highlighting the file you wish to edit. 16-bit and sector map linking are supported for hard disks, and 11-bit linking for floppies. It is ideal for quickly editing files and repairing damaged directories.

The *Black Box Enhancer* regularly sells for \$49.95 plus \$5 shipping and handling.

Now \$59.95! **The Super Archiver** save 15%

The *Super Archiver* is not just another double density high speed upgrade. Rather, it is the most powerful copying and disk editing tool available! Copies of disks are exact duplicates of originals, eliminating the need for patches, PDB files, extra computer hardware, etc. The *Super Archiver* is the fastest non-buffered upgrade for the 1050 drive.

Once installed, your drive has the ability to perform in all three densities, reconfiguring automatically as needed. But unlike some upgrades, 100% compatibility is maintained, so you will be able to boot any disk regardless of the protection. The software provided enables sophisticated editing of single density disks. Ultra Speed data transfer is fully implemented, so programs and hardware modifications supporting this will really take off. The *Black Box* and the *UltraSpeed Plus OS* also support this.

The *Super Archiver* is fully compatible with the older Archiver for the 810 drive, but comes complete with more powerful software that makes use of the 1050's extended capabilities. You may use an Archiver 810 drive for two drive backups.

The *Super Archiver* software is more than just a backup program. It enables the user to actually edit each sector (with ML disassembly), modify the sector layout on each track, and create your own bad sectors and other forms of protection. The *Super Archiver* is the only modification that will reproduce "phantom" sectors. The software included will duplicate these automatically, as well as let you write your own. Extra memory is supported for single pass copies. Track skewing (aligning each track in a certain order) is supported, as well as automatic speed compensation required to write out long tracks.

Included on the disk are other useful utility and diagnostic programs. The *Mapper* allows tracing the loading of a program within the drive. The *Super Archiver* utilities are all designed with simplicity in mind, yet with enough power for whatever you need. The only programs we know that cannot be duplicated are the later Electronic Arts programs and Synapse Syn-series (34 FULL sectors/track). However, we do have a fix for this! (See the Bit-Writer.)

Disks should only be copied to back-up your original program disks! CSS in no way supports the misuse of this product as a pirating device. The *Super Archiver* regularly sells for \$69.95 plus \$5 shipping/handling.

Now \$34.95! **The XF551 Update** NEW ITEM!

The *XF551 Update* is a completely new internal operating system for your XF551 drive that fixes the quirks and bugs inherent in the XF551 design. It runs more commercial software, changes density properly, supports true Ultra Speed data transfer (actually, faster than the 1050 Ultra Speed), and has an optimized interleave in high speed formats to produce the fastest possible operation. It is the upgrade every XF551 owner should have!

Installation requires only a few simple solder connections. The introductory price for this new product is only \$34.95 plus \$5 shipping/handling.

Call or write for our free 1993 catalog!

All CSS products on sale until December 31!

Now \$149.95!

The Multiplexer

save 25%

This device brings the power and flexibility of larger systems to your 8-bit. The *Multiplexer* is a collection of cartridge interface boards that allow up to 8 Atari to read and write to the same drives (typically a hard disk), access the same printer(s), and talk to each other. It is the first practical networking system for the Atari 8-bit computer.

One "master" computer (any 8-bit) is equipped with the master *Multiplexer* interface. Then up to 8 "slave" computers hook up to this master, each having their own slave interface. The slave interface consists of a cartridge that plugs into the cartridge port. It has its own socket on the top, so you can use whatever cartridges you desire with the system.

The "common" peripherals (things that are to be shared) are connected to the master. On each slave, all disk and printer I/O is routed through the master, so no extra disk drives are needed. The master computer can be configured in any manner you wish. You may have certain peripherals local to the slave, or routed to a different number on the master. Note that serial ports (R: RS232 interfaces) are not multiplexed.

Under development is a BBS system that will make full use of this device, allowing up to 8 lines/users to be using the system at the same time (our BBS uses it right now)! A multi-user chat mode is a feature of this BBS; however, you do not need this program to run a BBS with the *Multiplexer* (but be warned that not all BBS programs will run concurrently). All slaves are independent, and do not need to have the same program running on them.

This system is excellent for BBS SysOps; you can be using your hard disk(s) while still running your BBS uninterrupted! Another example is in a classroom situation, or anywhere a disk needs to be shared by many people. This is an excellent programming / debugging tool as well!

The *Multiplexer* regularly sells for \$199.95 for a master and two slave units with cable. Additional slave units, regularly \$89.95 each, are on sale for \$67.95. Shipping/handling is \$5.

Now \$74.95!

The XF Single Drive Upgrade

save \$25

The *XF551 Single Drive Upgrade* for your XF551 disk drive will double your storage space to 720KB by replacing your 5.25" 360KB floppy with a new 3.5" floppy disk drive. Not to be confused with public domain upgrades, our custom chip and brain module provide true Ultra Speed compatibility (extremely fast operation with compatible sector copiers and DOSes), and eliminates incompatibilities with software. The upgrade is designed so that it will work with a 5.25" drive, should you ever need to switch back.

Included in our kit is a high quality 3.5 inch floppy drive mounted in a 5.25 inch frame, so as to provide a perfect fit inside your XF551. Also included is a program which allows you to read IBM and Atari ST disks on your converted drive! Built-in text translation is featured for easy porting of PC/ST text files into 8-bit word processors.

The *XF551 Single Drive Upgrade* regularly sells for \$99.95 plus \$8 shipping/handling. If you already have a 3.5 inch drive to use, you may order the kit minus the 3.5 inch drive for \$59.95 plus \$5 shipping/handling.

Now \$119.95!

The XF Dual Drive Upgrade

save \$20

Our *XF Dual Drive Upgrade* has all the features of our *XF Single Drive Upgrade*, but allows you to have both your 5.25 inch 360KB floppy and a 3.5 inch 720KB floppy drive on your system. This is a totally switchless upgrade that turns one XF551 into two disk drives. Each drive acts separately, the 3.5 inch drive assuming the next drive number higher than the 5.25 inch setting. You can copy between drives, even mixing densities!

Complete with a 3.5 inch drive, the *XF Dual Drive Upgrade* regularly sells for \$139.95 plus \$8 shipping/handling. If you already have a 3.5 inch drive, you may purchase the kit minus the 3.5 inch drive for \$89.95 plus \$5 shipping/handling.

8-bit Repairs

Having a problem with your 8-bit equipment? CSS repairs all kinds of Atari products, from computers to disk drives. Call us to arrange shipment of your items.

If you have two of the same product and both need repair, take advantage of our **two for one** repair deal. Send both items to us, and we will fix one of them **FREE** and keep the other one for parts. Again, call us to arrange shipment.

Now \$64.95!

The Bit-Writer

save 20%

The *Bit-Writer* is capable of duplicating even the "uncopyable" Electronic and Synapse Syn-series, which employ 34 full sectors/track. These cannot be duplicated with the Super Archiver, as a standard floppy disk controller cannot simply not capable of writing what is necessary. The *Bit-Writer* is capable of reproducing these and future protection schemes of non-physically damaged disks, because it breaks down the data into bits, and writes it all out at once.

The *Super Archiver* with the *Bit-Writer* is the ultimate backup tool for the disk drive. Exact duplicates of originals are made. The *Bit-Writer* must be used with the *Super Archiver*. Regular price is \$79.95 plus \$5 shipping/handling.

Now \$59.95!

The UltraSpeed Plus OS

save 10%

The Operating System that should be in every XL/XE computer! The *Ultra Speed Plus OS* puts unbelievable speed and convenience at your fingertips. Using it a while, you'll be spoiled! Charles Cherry in the April '89 AI magazine reviewed, "Quite simply, if you don't have Ultra Speed Plus, you're using a crippled Atari."

Use any DOS to place Ultra Speed formats on your disks (with XF551 or most 1050 drives), reading and writing at this speed with most programs. This speed mode is toggleable for maximum compatibility.

Built in RAMdisk handlers recognize any size (up to 2MB) XE-type memory upgrade. This RAM drive may be treated like a regular disk drive, capable of single or double density operation. Since the handlers are in ROM, most programs (including sector copiers) see it. This opens up a whole new realm of possibilities you can sector copy a disk into RAM, edit it, and even boot from it! A mini sector copier is built in for easy use.

A configuration menu is built in, and may be used to remap disk drive numbers to different drive numbers, and change the drive number of the RAM. The memory test routines have been rewritten, and test ALL of the available memory. If a problem is found, the offending bit is displayed. The diagnostic ROM bit on the PIA is not needed, so all bits are available for memory upgrade.

Several key functions have been added: a cold start key (to allow rebooting any lockup without losing the contents of your RAMdisk), disk I/O sound to screen DMA disable (turn off the screen to increase processing time of programs), internal BASIC toggle, keyboard lock, and screen color toggle. The OPTION key is reversed when booting, so you don't need to hold it to run programs.

The *Ultra Speed Plus OS* module actually contains three operating systems: *Ultra Speed Plus OS*, the standard XL/XE OS, and the *XL Fix Plus OS*. The *Fix Plus* is a 400/800 OS translator in ROM, so you won't have to boot a translator disk again! It has two modes of operation for maximum compatibility.

Four simple solder connections are required for installation if your machine is not socketed OS ROM. If it does not have sockets, installation should be done by someone proficient in desoldering. As always, we provide free installation if you send us your computer. Regular price is \$69.95 plus \$5 shipping/handling.

Ordering Information

Call CSS at (716) 429-5639 between 10am and 5pm Eastern Time to order. Send your order to the address below. CSS accepts payments in cash, money order, Visa, MasterCard, or COD. Personal checks are also accepted. Shipment of your product is delayed until the check has cleared. Cash orders must be paid for in US funds. Prices in this ad effective until December 31, 1992 only.

Call or write for our free catalog of products. CSS also has a free catalog of owned software, Atari related books, and owner's manuals for most hard disk products.

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