

UpTime

The newsletter for:
RS-DOS, OS9, OSK,
CoCos, and 68xxx's.

Volume 2, Issue 1

September 1993

Guest Editorial

We made it! One year ago, the first issue of *UpTime* hit the streets, and we're still going along strong. As I've mentioned before, starting the magazine was an adventure in that we didn't know if it would be able to stand on its own two feet. Well, obviously it has the support of many dedicated CoCo and OSK users, and I would just like to take a moment to thank you for your support over the past year!

* * *

Last month we mentioned a correction for *Hawksoft's* mailing address. Well, it has changed again. Please send all future *Hawksoft* mail to the following address:

224 South Randall Rd. Suite #172
Elgin, IL 60123

* * *

Just about everybody has heard of the new generation of portable computer. Some call them

In this issue...

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Personal Assistants, some call them NotePads, but everybody seems to agree that a new age is dawning in the computing arena. Personal Assistants are just that- they allow you to manage your schedules, coordinate calendars, write notes, and even read and write your personal e-mail from just about anywhere. And this can all be done in your own handwriting, which the computer can interpret into normal text. But this is just the tip of the iceberg. A recent article in the Macintosh TidBits online service contained the following quote (note that the Newton is Apple Computer's newly released notepad computer).

"...possibilities like controlling VCRs and TVs and using VCR+ codes to program the VCR with an improved interface, walking into a trade show and having a map and directory beamed to your Newton on entrance, completely

up to date and searchable. Someday soon you might interface a Newton with an ATM machine to get electronic money, or beam your Newton at a cash register, to pay for your purchase, complete with RSA encryption. We're talking about the future."

And eventually they will go on even beyond that. You may be able to use them as portable TVs that can also record and playback digital video clips. Having an audio conversation with anyone, anywhere can be a few button presses away. In fact, with voice recognition advances, the Star Trek style comm-badges may not be all that futuristic.

Be on the lookout for these new devices. Try them out if you see them in the stores. You may be surprised at just what this hi-tech Etch-a-Sketch can really do!

* * *

UpTime

Editor: Jordan Tsvetkoff

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Purpose: To provide information about products, services, and activities relating to the **Tandy Color Computer** and **OSK/68xxx-based machines**.

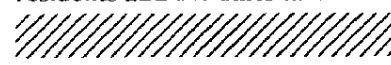
Submissions: Submissions of any form can be sent to *UpTime Submissions*, **JWT Enterprises**, 5755 Lockwood Blvd., Youngstown, OH, 44512. Please note that article/editorial submissions are preferred, although short program listings will also be considered. If reimbursement is requested, please indicate in writing with the initial submission.



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5755 Lockwood Blvd.
Youngstown, OH 44512.

You will be billed for the second installment of \$7.50. Canadian orders, \$9.00 installments. Foreign orders, \$11.00 installments. Ohio residents add 6% sales tax.



Overview cont'd from page 1

Last month, we brought you news of the Rocket's progress. The Rocket is Burke & Burke's answer to OSK - putting a 68000-class chip inside of the CoCo so that it can perform on a par with much more advanced machines. Here is the general message that was sent out recently:

Beginning in May, Burke & Burke offered to sell The Rocket at \$195, including OS9 disk and boot ROM, but no memory; 2MB of memory was offered for an additional \$100. Both offers were valid only if 100 orders were received by 31 July, 1993. It is now nearly the end of August, and fewer than 100 orders were received.

Since May, the per-unit cost of the Microware OS9 modules has essentially quadrupled over initial estimates; a license originally listing at \$50 per unit now lists at roughly \$170 per unit (for a run of 100 units). Burke & Burke was able to negotiate an arrangement which only doubles, rather than quadruples, license costs for The Rocket, but the arrangement changes the fundamental cost structure of The Rocket in two ways: 50% more software development required from Burke & Burke, and higher per-unit costs. Another blow: a recent semiconductor factory fire in Japan is driving up the price of SIMM memory, to the point where \$100 for 2MB will soon be below cost.

Please don't get the impression that there's a "villain" here - all parties have shown a spirit of cooperation and have dealt honestly and fairly with one another. Even the best-laid plans can go astray, as these did.

Still, I'm close to witt's end over this. While Burke & Burke could return everybody's downpayments and cancel orders, I really believe in The Rocket and would like to see the project completed. I believe it will bring a lot more software developers into the OS9-68000 market, and will provide a cost-

UPCOMING EVENTS

4th Annual Atlanta CoCoFest
October 2nd and 3rd, 1993
Holiday Inn, Northlake
Resv: (800)-465-4329
or (404)-938-1026

Sponsored by:
Atlanta Computer Society

Contact:
Atlanta Computer Society
P.O. Box 0694
Atlanta, GA 30366
BBS: (404)-636-2991

Tickets:
\$5 for entire show

effective migration path to OS9-68000 for Color Computer users. On the other hand, I can't invest the required time or capital in The Rocket without being able to show my family that I'm turning a profit.

Burke & Burke is open to suggestions from the community. Here are a few that have already been made:

1) Raise the zero-K price (say, from \$195 to \$249) and discontinue the 2MB model. If only 15% of the existing orders cancel, there will still be enough orders to go into production and ship by Christmas.

2) Cancel the project, return everybody's downpayments, and release the design to either the public domain or another vendor.

3) Offer The Rocket, but only with 512K memory and no OS9 software (say, for \$149). The design would be modified to allow the 6X09 to use the 68306 as an I/O coprocessor, and would include a light weight realtime kernel for the 68306, software to download code from the 6X09 to the 68306, and inter-CPU communication routines.

Comments welcome.

Jordan Tsvetkoff

Product Hotline

This section is a new addition for *UpTime*. Listed here are products and their features from various distributors. This information and their comments are taken directly from the distributors and *not* independent reviews. Every effort has been made to insure the accuracy of the material in this section; however, if there is an error, please let us know. If you would like to have a product listed here or remove a product from these listings, please notify us in writing. This section will be displayed in its entirety approximately every three months, and new items will be listed monthly. Note that most prices are for the U.S. only. Foreign orders should contact the dealer for extra shipping costs.

Graphics:

Name: Pensave Graphic System

Version: 1.0

System Req.: CoCo 3, disk

Description: Line drawing graphic system outputs data to disk in ASCII which allows easy integration with Basic programs. Also comes with CoCo Colorbook v1.0.

Distributor: Southern Missouri Software

Cost: \$4.95

Word Processing:

Name: Write-Right

System Req.: MM/1, K-Windows, OSK

Description: Mouse-driven graphical word processor with "WYSIWYG". Supports color printers. All standard word processing features such as search/replace, formatting, cut 'n paste, etc.

Distributor: Sub-Etha

Cost: not given

Name: Window Writer

Version: 1.1

System Req.: Window Master w/512K

Description: Point & click word processing, supports proportional printing, very user friendly

Distributor: Cer-Comp

Cost: \$49.95

Name: Window Writer/W

Version: 1.1

System Req.: CoCo 3, disk, 512K

Description: Same as Window Writer above, except intended for non-Window Master owners

Distributor: Cer-Comp

Cost: \$79.95

Operating Systems:

Name: EthaWin Interface

System Req.: CoCo 3, OS-9 L2

Description: 'C' library used to create text-based user interface with full mouse/keyboard control, pull down menus, pop-up dialog boxes, and other features. Development system available free to programmers.

Contact Sub-Etha for more details.

Distributor: Sub-Etha

Name: Window Master

Version: 3.0

System Req.: CoCo 3, disk, 128K (512K rec.), hi-res j/s or mouse

Description: Windows operating environment/operating system, provides user friendly point & click operation

Distributor: Cer-Comp

Cost: \$69.96

Name: ADOS

Version: 1.02

System Req.: CoCo 1 or 2, 64K

Description: EPROM-able enhanced RSDOS. Double-sided drives, 35 or 40 tracks, fast step rates, RUNM, lowercase, keystroke macros, ROM-to-RAM, repeat/edit of last command, list text files, auto line numbering, ML monitor, ON ERROR GOTO, and more

Distributor: SpectroSystems

Cost: \$14.95 + \$2 s/h

Name: ADOS-3

Version: 1.01

System Req.: CoCo 3, 128K

Description: EPROM-able enhanced RSDOS, all features listed for ADOS, plus 35/40/80 tracks, FAST command for 2 MHz with disk and printing, configure default baud rate, screen width, colors, and startup message, arrow key program editing, and more

Distributor: SpectroSystems

Cost: \$24.95 + \$2 s/h

Name: Extended ADOS-3

Version: 2.00.00

System Req.: CoCo 3, 128K, ADOS-3 (512K w/ramdisk)

Description: Adds more features to ADOS-3: arrow key file-selection for run, copy, kill, etc., ramdisk (512K), key repeat, fast backup, wild-card copy, file dating using manually entered date or real-time clock, up to 3 DS drives, and more

Distributor: SpectroSystems

Cost: \$29.95 + \$2 s/h, \$49.95 + \$2 s/h for ADOS-3 and Extended ADOS-3

Language/Compiler:

Name: EDT/ASM III

Version: 1.7

Previous name: EDT/ASM

System Req.: CoCo 2 or 3, disk

Description: Editor, assembler, and debugger for creating machine language programs from assembler source

Distributor: Cer-Comp

Cost: \$59.95

Name: CBasic II & III

Version: 1.xx

Previous name: CBasic

System Req.: CoCo 2 or 3, disk

Description: Creates complete machine language programs from basic programs, supports disk, graphics, serial port, etc.

Distributor: Cer-Comp

Cost: \$149

Name: Icon Basic09

Version: 1.9

System Req.: CoCo 3, 256K, OS9 L2

Description: Interface to Basic09, replaces keywords with icons for program editing and reviewing

Distributor: Hawksoft

Cost: \$20

Name: Icon Basic 68000

Version: 2.4

System Req.: MM/1 or compatible, OSK/68000, K-Windows, Microware Basic

Description: Interface to Microware Basic- replaces keywords with icons for editing and reviewing

Distributor: Hawksoft

Cost: \$25

Utility:

Name: Towel

Status: Price/Availability TBA

System Req.: CoCo 3, OS-9 L2

Description: A disk utility no intergalactic hitchhiker should be without. Runs under the EthaWin interface allowing you to perform most OS-9 disk commands (copy, format, cobbler, delete, etc.) by using mouse or hot-key control.

Distributor: Sub-Etha

Name: Document Booklet Printer

System Req.: CoCo, OS-9 Optional

Description: Takes formatted text files and prints them sideways on Tandy or Epson printers making half-booklets.

Distributor: Sub-Etha

Name: MultiBasic

Version: 1.1

Status: No longer available. May be available by request, if interest exists.

System Req.: CoCo 3

Description: Expanded BASIC to allow full use of system memory by dividing into 8K segments. Load multiple programs, all sharing common variable space. Disk chain programs without losing variables. Save programs in .BIN format, plus other useful features all without adding ANY new commands.

Distributor: Sub-Etha

Name: Shadow BBS

Status: No longer available. May soon be available as shareware in a bug-fixed version.

System Req.: 128K CoCo 3, disk, modem

Description: Full RS-DOS BBS with file transfers, up to 255 message areas, "borderlines", surveys, bulletins, and more. Works up to 2400 baud through serial port or RS-232 pak. Full SysOp control of all message areas - all built in from main program. Uses

MultiBasic run-time to fully use 128K.

Distributor: Sub-Etha

Name: 512K Copy Utility

System Req.: 512K CoCo 3

Description: Copy all or selected files. Simplified RENAME, KILL, and format (which is 25% faster than normal DSKINI). Supports 35- to 80-track drives. Can be used to unfragment RS-DOS disks.

Distributor: Sub-Etha

Cost: \$14.95

Name: Super Backup Utilities

System Req.: 64K-512K CoCo

Description: Use as much memory as your system allows to easily backup disks. Supports up to 80-track disks.

Distributor: Sub-Etha

Cost: \$14.95

Name: SuperBoot

System Req.: CoCo with DOS 1.1

Description: Auto-boot for RS-DOS.

Setup program allows you to configure drive tracks, step rate, sides, printer baud, and (on CoCo 3) screen colors. Allows auto-running a program or gives a two-column menu to select from.

Distributor: Sub-Etha

Cost: \$14.95

Name: InfoPatch

System Req.: CoCo 3, Infocom game disk

Description: Patch for Infocom text adventures. Makes them run on a CoCo 3 in double speed, 6ms drive access in 80 column white on black screen with upper and lowercase.

Distributor: Sub-Etha

Cost: \$9.95

Name: Mac to DMP Print Utility

System Req.: OS-9 L1 or L2, DMP 105/106/130 printer

Description: Print Macintosh picture files direct from disk. Comes with both RS-DOS and OS-9 version.

Distributor: Sub-Etha

Cost: \$14.95

Name: MiniBanners, MB09, MBOSK

Version: 1.1

System Req.: CoCo 3, OS-9 L2 (OS9), K-Windows (OSK)

Description: Prints single or multiple line banners (up to 16 lines of text) on any printer (graphics or otherwise). Adjustable sized text for each line. Comes with over 30 fonts. OS9/OSK version supports output to screen or file.

Distributor: Sub-Etha

Cost: \$19.95 (\$24.95 OSK)

Name: Checkbook+, CB+09, CB+OSK

System Req.: CoCo 3, OS-9 L2, or K-Windows with OSK

Description: Complete point and click checkbook program. Allows graphing of checkbook data (circle, pie, and bar graphs) and normal account balancing/reconciling functions.

Distributor: Sub-Etha

Cost: \$24.95 (\$34.95 OSK)

Name: Etha-GUI

System Req.: CoCo 3, OS-9 L2

Description: Graphical User Interface for K-Windows. Use mouse to perform disk functions (copy, delete, attr, etc.). Comes with desktop utilities (Phone

Book with autodialer, NotePad, Screen Savers, and two Icon editors - one from StrongWare).

Distributor: Sub-Etha

Cost: \$44.95

Name: MultiBoot

Version: 1.0

System Req.: CoCo 3, OS-9 L2

Description: OS-9 utility which allows up to 16 bootfiles to be copied on to one boot disk. Scrolling menu after typing DOS allows the user to select which boot to use. Automatic boot after delay.

Distributor: Sub-Etha

Cost: \$19.95

Name: The CoCo Collection

Version: 3.0

System Req.: CoCo 3, disk

Description: User friendly, menu driven, easy to use collection of CoCo software by various authors. Includes number of games and utilities most anyone can use.

Distributor: Parsons

Cost: \$19.95

Name: The Source III

Version: 1.1

Previous name: Source

System Req.: CoCo 2 or 3, disk

Description: Disassembler, converts machine language programs into assembler source code listings

Distributor: Cer-Comp

Cost: \$49.95

Name: CoCo Tools

Version: 1.2

System Req.: CoCo 3, 128K, disk, 80-column display

Description: Complete disk utilities package including lost file recovers, copy and backup of damaged disks, disk archiving, and more

Distributor: Cer-Comp

Cost: \$49.95

Name: Patch-09

Version: 1.1

System Req.: CoCo 3, OS-9 L2, minimum of 1 40T/DS drives

Description: 2 double sided 40 track disks with the most common, needed patches and additional commands, auto-installs with minimum of 2 40T/DS drives (80 track will work)- \$5.00 with Quick Reference Guide

Distributor: FARNA

Cost: \$7.50

Telecommunications:

Have you ever wondered how nice it would be if you could lift an object on your screen out of its surroundings by just pointing at it and clicking your mouse button? Or resize the working area on your screen that way? Now you can do that and a lot more with **level II graphics**.

But things don't stop there. You can save your objects in disk files, print them as clipart or paste them into another screen, even if this screen is a different type than the original. Clipboard functions also include stamp and reshape. You can even have multiple boards open simultaneously as long as you can find the memory for them.

To get a review copy of level II graphics send \$5 (+\$3 S/H). This amount will be credited when you purchase the complete package. New products:

RScopy/OScopy - transfer files from OS9 disks to RSDOS disks and vice versa WITHOUT loading special device drivers. To get this pair of programs send \$10 (+\$3 S/H).

Coming in October: CoCoTop - a desktop program for OS9 level 2. 50+ file- and system management functions in a point and click environment.

Another part of **level II graphics** is the **canvas** program. Here you can make your own artworks with all the tools you would expect: brushes, sprayscans, drawtools, etc. The program also includes zoom, palette and animation functions. On top of that you have the entire screen as working area. File format is standard VEF and includes optional data compression.

Other programs included in the package are a **slideshow program**, printer drivers for black/white printouts and for color printouts that should work with most printers. You will also find a **font editor** and a **pattern editor** to make your own fill patterns.

There is still more: programs showing fractals from the Julia and Mandelbrot sets. A program that shows you how to simulate plant growth on your computer. Graphics subroutines you can use with your own programs and source code that you can use as an example.

There is also an **installation routine** to take care of the hard parts of getting things to run reliably. All of this doesn't fit on a single disk so you will get 2: one SS and one DS.

System requirements are 512K and OS9. A hires adapter and ramdisk are recommended. Package includes 40 page manual for

only \$ 34.95

Also available:
 TOOLS 3 version 1.1 \$29.95
 Quickletter version 2.0 \$19.95
 Accounting level 2 \$34.95
 Investing level 2 \$29.95
 upgrades \$5.00

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 Prices in US dollars Send cheque or money order NO COD'S

UPGRADE Disk Magazine! From: Mid Iowa & Country CoCo
Now in its eighth year!
There is a national Disk magazine!

With the UPGRADE National Diskmagazine, we've grown to be one of the largest CoCo outreaches! I can say that firmly by the response from our members in over 40 states and 5 provinces of Canada, with others in Australia & England, we expect to be around for a long, long time.

The "UPGRADE" Disk Magazine:

- Does not support OSK, or Computers not compatible to CoCo. That we leave to those more qualified.
- Is not hard copy though it can dump to your printer.
- Displays first rate 16 color H2 graphics, with articles
- Does keep you informed with news from around the country.
- Including ads and recommendations of better dealers.
- Does have OS-9 articles concerning the CoCo. We've just started an excellent Level II tutorial series.
- Does have Basic program technique article & tutorials.
- Does carry a full variety of in-depth articles and reviews.
- Recently adding "Marty's Memos" column by Marty Goodman!
- Carries tips on where to buy printers, drives, & hardware.

This is a News disk, not a software disk. Our "Mid Iowa & Country CoCo" library is available where ever you are. You can select from the Best available public domain, shareware, and orphanware for a filing & backup fee of \$3.00 per disk. Plus a Christian software sub chapter.

Join and be a part of those who write: "Here's my renewal, I don't want to miss an issue!" Let just \$16 keep you in touch

Your UPGRADE subscription includes:

- 1-year membership in MI&CC and
- UPGRADE Diskmagazine subscription (Req: 128K CC3, w/1 drive, RGB or TV \$16.00 US • \$21 Canada • \$31 Foreign Air

Say, "I saw it in **UpTime**" and receive...
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Terry Simons (MI&CC Treas.), 1328 48th St.
 Des Moines, IA 50311 (515) 279-2576 after 8:00 PM
 Include your Phone & System information

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Optimize **UPTime** NINE TIMES
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- Optimize Utility Set 1:**
 → Optimize your floppies and hard drives quickly and easily! → Includes utility to check file and directory fragmentation
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 → Especially useful before optimizing your data
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- Optimize Utility Set Pac:**
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\$39.95; Foreign Postage, add \$4.00

UpTime: A monthly magazine for CoCo's and OSK machines
 In each issue: Find out about new products and upgrades for your favorite computers
 Learn about what new technical breakthroughs are on the horizon
 Discover what programs really can do and what they cannot
 or Published monthly in newsletter format
 One Year Subscription, two installments of \$7.50;
 Canadian Orders, two installments of \$9.00, Foreign Orders, 2 X \$11.00
 Can also be paid in one installment

Back Issues: From September 1992. Limited supplies
 \$1.50 each; Foreign Orders, add \$1.25 each
 Bulk orders of six or more, \$1.25 each; Foreign Orders add \$1.00 each

Nine-Times: The bi-monthly disk magazine for OS-9 Level 2
 In each issue:
 • Helpful and useful programs
 • C and Basic/9 programming examples
 • Hints, Help columns, and informative articles
 • All graphics/systems interface
 • Can be used with a hard disk or ram disk
 One Year Subscription, \$34.95,
 Canadian Orders, add \$1.00, Foreign Orders, add \$8.00

Back Issues: From May 1989. Write for back issue contents
 \$7.00 each; Foreign Orders, add \$2.00 each
 Bulk orders of six or more, \$5.00 each; Foreign Orders, add \$1.50 each

Magazine Source: Full Basic/9 code and documentation for the presentation shell used
 with Nine-Times
 \$25.95; Foreign Orders, add \$5.00

Technical Assistance & Inquiries
 (216) 758-7694

JWT Enterprises
 5755 Luskwood Blvd.
 Youngstown, OH 44512



Foreign postage excludes U.S. Territories and Canada. These products for OS-9 Level 2 on the CoCo 3. Sorry, no C.O.D.'s or credit cards; Foreign & Canadian orders, please use U.S. money orders, U.S. checks, allow 4 weeks for receipt of order. Ohio residents, please add 6% sales tax

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Burke & Burke



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 ORDER DESK & TECHNICAL ASSISTANCE
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WA RESIDENTS ADD 8.2% SALES TAX. MC & VISA accepted. U.S. COD's add \$3.75. Min. shipping \$4.00 U.S. \$5.00 to Canada. Please allow 2 weeks for delivery. Overnight or 2nd-day available for in-stock items. Software upgrades \$5.00 each w/receipt, including U.S. shipping. Call / write for free catalog!

The Rocket

...Color Computer Replacement CPU...

ROCKET CPU (0K kit + OS-9/68K) \$195
ROCKET-2MB (2Meg kit + OS9/68K) \$295
Need More Power? Ride The Rocket!

Imagine turning your CoCo 3 into a blazing fast 68000 computer with OS-9/68K, without giving up your existing floppy disk drives and other peripherals. That's what you can do with The Rocket from Burke & Burke. But there's a catch...

The Rocket plugs into your CoCo's 6809 microprocessor socket, replacing the old 2 MHz 8-bit processor with a 14 MHz 16-bit 68306. Up to 8 megabytes of on-board 16-bit memory, a 32K boot ROM, built-in 6309 emulation software, OS-9/68K, and a windowing system you'll recognize from OS-9 Level 2, make The Rocket a powerful answer to the quest for the CoCo 4. If that isn't enough, the flip of a switch enables The Rocket's on-board 6809 or 6309 CPU for true CoCo 3 compatibility.

What's the catch? To build The Rocket cost-effectively, we need at least 100 orders (at this writing, we've received the first twenty). We also have to leave out the OS-9/68K C compiler, BASIC-09, and a few other frills.

If you're interested in The Rocket, please place an advance order for either the ROCKET-CPU or the ROCKET-2MB before July 30, 1993 for shipment 10/93. As always, no check will be cashed or card charged until we actually ship The Rocket to you. If we don't get enough interest, we'll cancel the project and return your check. Call or write for more information.

CoCo-XT Hard Disk Interfaces

Hundreds of Color Computer enthusiasts in the US, Canada, Europe, South America, and Australia love our affordable high performance hard disk interfaces! Look at these features:

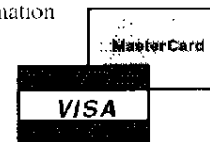
NO HALT • 1 or 2 hard drives • 30% faster than SASI • Uses PC-type hard disk drives & MFM/RLL controllers • 5 Meg to 120 Meg per drive • Does not use interrupts • Multi-PAK recommended • Works with 12 Volt Y-cables • Includes EZGen boot file editor for easy installation

Each interface includes a user manual and software for use with HYPER-I/O or OS-9. The CoCo XT hard disk interface is \$69.95. The CoCo XT-RTC model, \$99.95, adds a battery powered real time clock / calendar for OS9 and BASIC.

Native Mode for \$34.95!

Burke & Burke's \$34.95 PowerBoost kit replaces your CoCo's 6809 with a high-performance Hitachi HD63B09E microprocessor. PowerBoost comes with our exclusive "tuneup" program, which uses the HD63B09E's advanced instructions to speed up many OS9 operations by an average of 40%. PowerBoost now includes software to run the 63B09E microprocessor in Native Mode for a 10% average speed increase over previous versions. Our implementation of Native Mode updates only the REL, BOOT, OS9P1, OS9P2, and CC3DISK modules; other modules require no modification.

POWERBOOST (INCLUDES HD63B09E MICROPROCESSOR) \$34.95. POWERBOOST1 (SOFTWARE ONLY) \$24.95.



XT-ROM - allows OS-9 startup from CoCo XT hard disk	\$19.95
THEXDER-OS9 (requires THEXDER cartridge)	\$29.95
PERTASCH - OS-9 Multi-User & BBS word game	\$19.95
OS9 World Class Chess (requires CYRUS cartridge)	\$29.95
File System Repack - OS-9 graphical disk defragmenter	\$29.95
File Recovery System - Helps recover damaged OS-9 disks	\$24.95
EZGEN - Fast OS-9 boot file editor (uses RAMDisk work files)	\$19.95
WILD & MV - OS-9 wildcard and file moving utilities	\$19.95
ZCLOCK - Continuous date / time on Level 2 OS-9 windows	\$9.95
RSB - Complete CoCo BASIC, for OS-9 (requires DECB ROM)	\$39.95
<i>OS-9 is a trademark of Microware Systems Corp. and Motorola</i>	
Daggorpatch for RS-DOS (requires DAGGORATH cartridge)	\$9.95
HYPER-I/O - Use 720K floppy disks, hard disk from BASIC	\$24.95

2nd Edition of

"The 6309 Book", \$29.95

Learn about new 6309 instructions and address modes. Includes OS-9 assembler, disassembler, and debug patches.

SCSI-512 Drivers, \$29.95

Use SCSI hard drives with 512 byte sectors. For DISTO 4-m-1 and HDISK, OS-9 only.

MC68B09E 2MHz uP	\$14.95
HD63B09E 2MHz uP	\$19.95
27128 EPROM (Blank)	\$9.95

Name: Deluxe Terminal

Version: 1.1

System Req.: CoCo 3, 128K, disk, 80-column display

Description: Terminal communications program, phone directory/configuration, automatic log on scripting, text editor, X/YMODEM file transfers, macros, supports all serial ports and paks

Distributor: Cer-Comp

Cost: \$44.95

Database:

Name: ENCR9

Version: 1.00

System Req.: OS-9 L2/512K, 80-column terminal

Description: Freeform database, features text import/export, built-in text editor, dictionary-like printout

Distributor: Canaware

Cost: \$24.95

Name: Omega File

System Req.: CoCo w/64K, disk

Description: Programmable database, menu driven, up to 16 fields with a maximum of 255 characters each

Distributor: FARNA

Cost: \$24.95

Name: Keep-Trak

System Req.: CoCo w/64K, disk

Description: Double entry general ledger accounting system; accounts receivable module \$10 w/K-T, \$20 alone; accounts payable should be set up with database

Distributor: FARNA

Cost: \$24.95

Name: Little Black Book

Version: 1.0

System Req.: CoCo w/64K, disk

Description: Address and phone number database, print lists and labels, 50 entries per file, \$12.50 with Video Tape Organizer

Distributor: FARNA

Cost: \$7.50

Name: Video Tape Organizer

Version: 1.0

System Req.: CoCo w/64K, disk

Description: Video tape database, print lists and labels, 50 entries per file, multiple files, \$12.50 with Little Black Book

Distributor: FARNA

Cost: \$7.50

Name: OS-9 Invoice/Inventory Manager

Version: 1.0

System Req.: CoCo, disk, printer, OS-9 L1 or L2

Description: Multi-user invoice/inventory system, Basic09 source included, liberal upgrade policy of one free upgrade, \$5.00 for subsequent upgrades

Distributor: FARNA

Cost: \$29.95

Name: CoCo Family Recorder

Version: 1.1

System Req.: CoCo 3, 2 disk drives, 80-column display

Description: Genealogical database system, complete person, marriage, family, and family tree records and reports, fast operation

Distributor: FARNA

Cost: \$24.95

Books:

Name: CoCoFest Chronicles

Description: Typeset, revised versions of Allen Huffman's CoCoFest Reports covering 1992 Atlanta Fest, 1992 Chicago Fest, 1993 Atlanta Fest, 1993 Mid Iowa Fest, and 1993 Chicago Fest. Includes many pictures (B&W).

Distributor: Sub-Etha

Cost: TBA

Name: OS-9 Quick Reference Guide

Version: 1.0

System Req.: OS-9 L1 or L2

Description: 4.5" x 8.5" book, 42 pages, has command syntax, system calls, error codes, and more, great for beginners to intermediate users and programmers.

Distributor: FARNA

Cost: \$7.95

Hardware/Acc.:

Name: Rascan Digitizer

Version: 2.4

System Req.: CoCo 3, 128K

Description: Video digitizer, B&W and color (color requiring 512K and color filters), images can be exported to CoCoMax 3, Color Max 3, Max-10

Distributor: FARNA

Cost: \$175.00

Name: Wristsaver keyboard and mousepad

Description: Ergonomically designed wristrests for PC keyboards and mice. Raises wrists about 1" above desk surface. Available in black, red, gray, charcoal, royal blue, and navy blue.

Distributor: Canaware

Cost: \$17.95

Publications:

Name: UpTime

Description: Monthly newsletter featuring current information and products, programming, and classifieds sections—keep up with the CoCo Community in one compact source of information

Distributor: JWT Enterprises

Cost: \$15/yr, two installments of \$7.50

Name: 68Micro

Description: Newsletter published every six weeks featuring various columns and features, including a hardware corner, C programming, Q&A, and classifieds, starting with the August 1993 issue

Distributor: FARNA

Cost: \$23/yr

Name: OS-9 Underground

Description: Newsletter dedicated to OS-9 products and information, published sporadically, would recommend contacting the dealer for more information

Distributor: OS-9 Underground

Cost: unknown

Name: MOTD

Description: Newsletter of the OS-9 user's group, current publication status unknown, recommend contacting the group for more information

Distributor: OS-9 user's group

Cost: unknown

Name: MI&CC Diskletter

System Req.: CoCo 3, 128K

Description: Newsletter on disk for Mid-Iowa and Country CoCo Club, features articles and graphics from various authors

Distributor: MI&CC

Cost: Free with membership (\$16/yr)

Name: Glenside newsletter

Description: Newsletter of the Glenside CoCo Club

Distributor: Glenside CoCo Club of Illinois

Cost: Free with membership

Name: CoCo Friends Disk Magazine

System Req.: CoCo 3, 128K, RGB monitor

Description: Bi-monthly magazine on disk dedicated to RS-DOS, 8-15 new programs per issue, articles, and

graphics
Distributor: Rick's Computer Enterprise
Cost: \$30/yr

Name: **Nine-Times**
System Req.: CoCo 3, 128K, OS-9 L2
Description: Bi-monthly magazine on disk dedicated to OS-9, programs and articles from various contributors
Distributor: JWT Enterprises
Cost: \$34.95/yr

Clubs and Dealers

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(314) 255-3722

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Washington DC 20009
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HAWKSoft KEYBOARD CABLE	\$25.00
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PIPELINE

The **COCO TRADER** is a news letter for buyers, sellers, and traders of any color computer related items. For \$2.50, you can list any items you have for sale or trade and any items that you may be looking for. You may use up to 1/8 of a page per listing, and \$2.00 for each additional 1/8 of a page. You should include your name, address and phone number, which will not be listed unless you specifically request it.

Since Tandy has dropped

the CoCo and Rainbow has ceased publications, it may be hard to find items you are looking for. A lot of people have bought CoCo items at Radio Shack but don't know where to trade them for what they really want. The COCO TRADER will give you a place to do it. The same ad can be run indefinitely, and there is no additional charge unless you wish to change the ad (which would be another \$2.50).

The CoCo Trader will start as a bimonthly publication, and if there is

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enough of a response, it will be published monthly.

Subscriptions can be purchased for \$3.00/6 months. If the COCO TRADER moves to a monthly publication schedule, renewals will be \$6.00 for six months, or \$10.00 a year.

To boost advertisements, there will be a drawing from the first 30 paid ads for an R.S. cassette recorder, over 25 original Rainbow on Tape cassettes, and other CoCo items.

There will also be a drawing from the first 30 paid subscriptions. The winner will receive at least 15 original

Rainbow on Tape cassettes, and about 20 other original programs on tape from Chromasette, T&D, and others along with other CoCo items.

The first issue was to be the July 1993 issue. The COCO TRADER is not responsible for any transactions that result from ads placed in the trader. *No dealers, please.*

James Sternette, 3000 Woodland Hills Dr. Apt. 14, Ann Arbor, MI, 48108, (313)-677-2418 after 5pm.

If you would like information about your "soon-to-be" products to

appear in Pipeline, send information about the product as well as mailing address and telephone number to UpTime Pipelines at the regular mailing address.

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